





Presents

THE 1939 RADIO ANNUAL

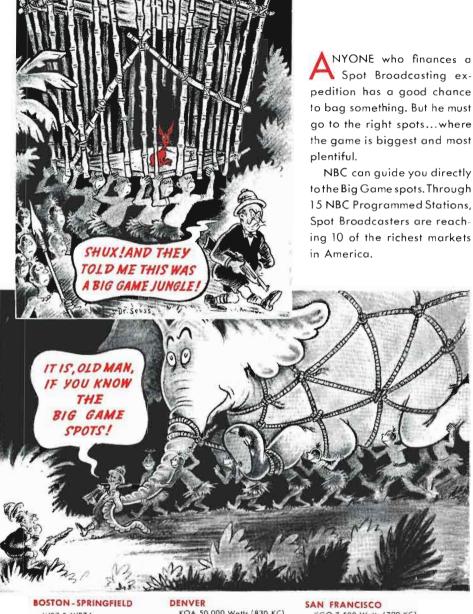


Jack Alicoate, Editor

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WBZ & WBZA 50,000-1,000 Watts (990 KC)

CHICAGO

WENR 50,000 Watts (870 KC) WMAQ 50,000 Watts (670 KC)

WTAM 50,000 Watts (1,070 KC)

KOA 50,000 Watts (830 KC) **NEW YORK**

WEAF 50,000 Watts (660 KC)

WJZ 50,000 Watts (760 KC) PHILADELPHIA

KYW 10,000 Watts (1,020 KC) PITTSBURGH

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KGO 7,500 Watts (790 KC) KPO 50,000 Watts (680 KC)

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WGY 50,000 Watts (790 KC)

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A Radio Corporation of America Service • World's Greatest Broadcasting System

INTRODUCTION

By THE EDITOR ____



FOREWORD As a vast. dynamic, compelling industry, radio plays an important part, every day, in the lives of us all. Some prefer to call it an art. Whether art or industry, its place in the sun has long since been firmly established. Alert personalities, representing the extreme swing of the mental pendulum, yet all working in a perfect harmony of precision, form the spokes of the great radio wheel. The effervescent artist, the dreaming script writer, the practical advertising man and station rep, and the highly specialized engineer, each play their mighty parts in the daily drama of the mike.

Chidnoff Photo

AND SO -- with the idea of providing for its subscribers in every branch of the industry an efficient practical everyday working guide to radio and all of its colorful branches RADIO DAILY, the daily newspaper of Radioland, hereby presents the second edition of Radio Annual. It has been a full year in the making and represents the combined efforts of the entire staff of RADIO DAILY and its many correspondents throughout the country.

RADIO DAILY is proud to play its modest part in the progress of the great radio industry. In presenting this volume it is happy to dedicate its contents to the most powerful and wholesome force for educational enlightenment and entertainment the world has ever known.

APPRECIATION In the preparation of the near thousand pages that follow, RADIO DAILY has had the complete and enthusiastic cooperation of every branch of radio. To the many government departments in Washington and New York, to the Federal Communications Commission, the Federal Trade Commission, the National Association of Broadcasters, the Columbia Broadcasting System, the National Broadcasting System, Mutual Broadcasting System and to the hundreds of Jack alicoate

others who have helped to make the accuracy and comprehensiveness of the following pages possible, the editor takes this opportunity of expressing his sincere appreciation.



Pleasant and profitable relationships are built largely on mutual confidence.

We have found much satisfaction in the many expressions of goodwill that have made our work with advertising agencies so gratifying.

This good-will is our most precious asset—one that we intend to preserve above all else.

TRANSAMERICAN BROADCASTING AND TELEVISION CORPORATION

NEW YORK

CHICAGO

HOLLYWOOD

EDITORIAL

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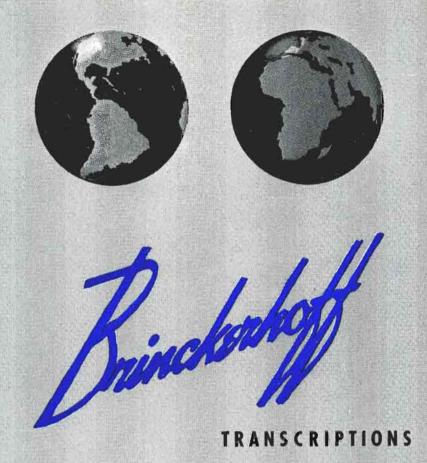


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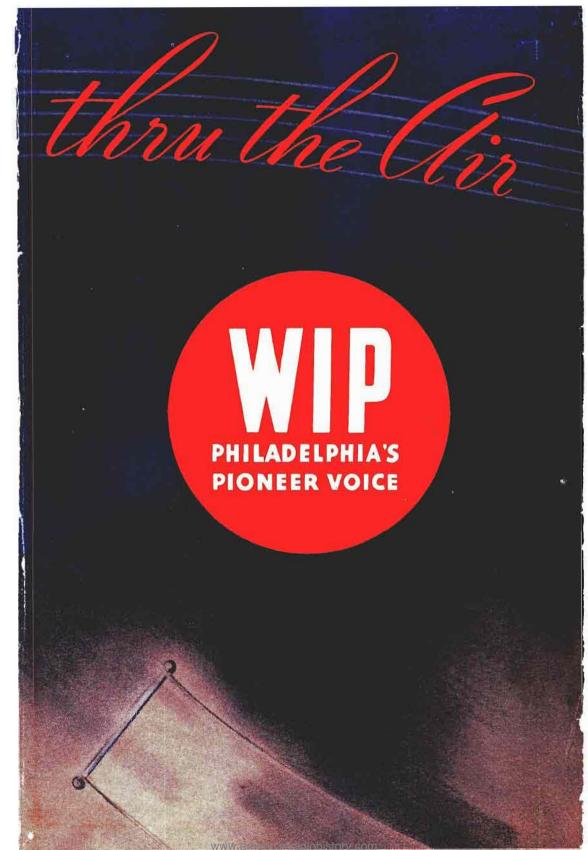
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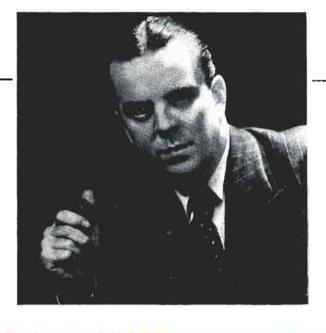
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Series World-Telegram During The
Week Of February 6th, 1939.

AN ALERT RADIO PRODUCER

of successful broadcasts to his credit, is of successful broadcasts to his credit, is a rosy-cheeked, cherubic individual a rosy-cheeked, cherubic and supermit a taste for pink shirts and supermodern art. His office in Radio Center, modern art. His office in is filled with at 1270 Sixth Avenue, is filled with objects which he believes represent objects which he believes represent modern art. They make a characteristic background for the pink shirts.

Mr. White started his theatrical career as an orchestra leader, which might explain a good deal. He played jazz into a microphone in the days when radio studios were backrooms when radio studios were backrooms and when the sandpaper sounds were noticed in the sandpaper sounds were a certain malevolent glee that he once a certain malevolent glee that he once tried to persuade his sponsors to intried to persuade his sponsors to intried to persuade his sponsors to increase his budget \$10 a week so he could retain a very special tenor who would have been glad to sing for that sum.

The sponsor thought ten bucks was money and told him to tell the tenor to go peddle his voice elsewhere. This the tenor did, with much success. This that tenor did, with much success and today Frank Parker gets \$2,250 a broadcast. Just one broadcast.

In 1933 Mr. White begged a certain Broadway character named Fred Allen to go on the air.

"Fred didn't want to write his own stuff. He didn't think he was funny." Mr. White chuckled today. "He

ran off to some place in Maine and we couldn't get him. I had to argue him into believing he was actually funny."

Mr. White was the alert producer who first saw the possibilities of Phil spitalny's all-girl band, he said, and he felt that there also ought to be a he felt that there also ought to forty woman announcer. He listened to forty voices, and then selected or fitty voices, and started to train her for the job.

Another new performer being trained by Mr. White is Bob Carol, a former delivery boy with a striking baritone voice. Mr. Carol tried to sing like Bing Crosby with a moderate success, but Mr. White ruled that out.

. He lowered his pitch and cleared up his enunciation, and taught Mr. Carol to sing in a more robust driving manner. Mr. Carol, as a result, was immediately signed to a commercial program and is now heading his own show.

. Mr. White once engaged a young unknown writer to do some work for him. The writer was Irwin Shaw. He also picked up a young man and engaged him to read poetry on a program. The man was Orson Welles.

"Watch what happens to Arlene and Bob," he said today with a grin. He looked down and regarded his shirt. The grin became a broad smile, a happy one.

Roger White Radio City New York

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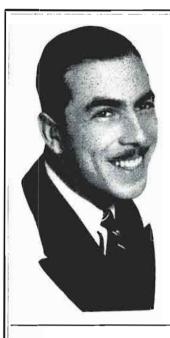
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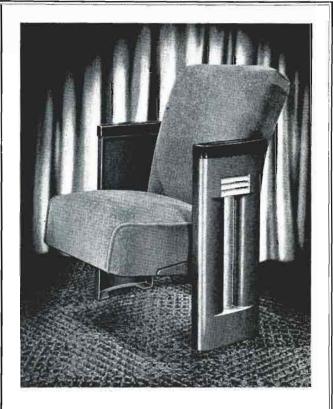
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To the right, a distinctive Heywood chair suited to use in radio theatres. It was created by Raymond Loewy, famous modern designer.



We shall be pleased to send you copy of our Theatre Seating Catalogue. It shows a wide variety of chairs suitable to use in Radio Theatres.



FOR THE Radio Theatre

Heywood-Wakefield Seating lends style, class, and comfort to the Radio Theatre. These modern seats are available in attractive upholsteries that enhance acoustics, yet create charming ensemble effects. May we tell you in detail why these modern chairs may prove the correct and economical answer for your radio theatre?

HEYWOOD-WAKEFIELD

Established 1826
Public Seating Division
GARDNER MASSACHUSETTS



THIS IS THE SECOND EDITION OF

RADIO Annual

1939

Designed to cover radio completely, for distribution shortly after the first of each year, and issued to Radio Daily subscribers as part of Radio Daily Service.



An advertisement written by our clients

Excerpts from the correspondence files of International News Service

Joseph T. Connolly, WFIL, Philadelphia — "Keeping 'First on the Air with the News' is an easy job when we get the kind of service that INS delivers here in Philadelphia. For the past three and a half years, WFIL has lived up to that slogan, mainly through the alertness and cooperation of INS."

---INS---

F. W. Meyer, KLZ, Denver—"At the present time our news service is completely sold,"

-INS-

Will Thompson Jr., Manager, KROY, Sacramento, Calif.—"We sincerely appreciate the interest displayed by your office in assisting us both in making our news more valuable to us financially and from a program standpoint."

-INS-

Neal A. Smith, Commermercial Manager, WCOL, Columbus, Ohio -- "For your information, INS news was sold to the Dunn-Taft Company, a local department store in May, 1937. This contract was renewed on the basis of four 15-minute periods per day with news flashes that come to us over your wire. INS ties up with their business as it is a very reliable service."

--INS-

A. S. Foster, General

Manager, WEW, St. Louis, Mo.—"I know you will be pleased to know that we just signed up Pevely Dairy Company on exclusive use of International News Service dispatches for a three-year period."

--INS--

Lewis Allen Weiss, General Manager DON LEE BROADCASTING SYS-TEM-"Perhaps the most dramatic story of our success with INS news that we can give you is reflected in the latest Crossley Survey which shows that our nine o'clock evening news broadcast for Alka Seltzer holds the crest of popularity during the seven nights of the week. Since we use INS service exclusively, a generous portion of our success with our evening news broadcast must be credited to your organization."

---INS---

William C. Bryan, Program Director, KTSA, San Antonio — "International News Service offers us so much that we find opportunities to present many programs a week taken from the news files for different sponsors."

-INS

S. Clark Fulks, News Editor and Production Manager, WACO—"INS service has meant a lot to our station, and we are never in want of up-to-the-minute

news material. And better still, everything is just as adaptable to radio broadcast as it is to the newspaper."

---INS---

R. E. Dunville, Sales Manager, WLW, Ciucinnati—"We want to thank you for your fine cooperation."

---1NS----

Edward Hoffman, General Manager, WMIN, Minneapolis — "You might be interested in knowing that Koppers Coke is sponsoring all our hourly news broadcasts."

-INS--

Bill McCain, News Editor, WBRC, Birmingham—"We have been very successful in keeping our INS news periods sponsored and we find that news sponsors are generally the ones that stay with us longest. WBRC feels it doesn't have to take a back seat to any station in the South in news coverage and presentation."

-- INS

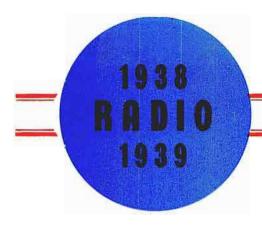
James F. Hopkins, Manager, WJBK, Detroit—"We have been using the full INS service now for approximately four months and I am sure you will be glad to know that during this time we have been able to sell more news broadcasts than during any previous eighteen month period."

INTERNATIONAL NEWS SERVICE

235 East 45th Street

New York, New York

"The service of news scoops that pay dividends"



Bu M. H. SHAPIRO

Editor, Radio Daily

PROGRESS of a high order characterized the business of broadcasting during the year 1938. Financially, the aggregate total of local and national business was the best in radio history, and for the first time exceeded advertising billings of the nation's magazines.

Power increases for affiliated and independent outlets expanded coverage of markets as well as the potential circulation of radio families. When it appeared that the record-breaking revenue of 1937 might mean an approach to the saturation point, the networks deemed it advisable to further expand their list of affiliates and thus insure additional time sales. Results achieved definitely won the stamp of approval for the move.

From the cultural viewpoint, broadcasters forged ahead in giving their audiences the best in classic, romantic and contemporary music apart from the popular types of composition. Educational features were heavily scheduled with speakers of all walks of life being given ample opportunity to be heard throughout the country. Sports received its usual large quota, while the efforts to serve the public at all costs to the complete disruption of commercial schedules won radio its major honors of all time.

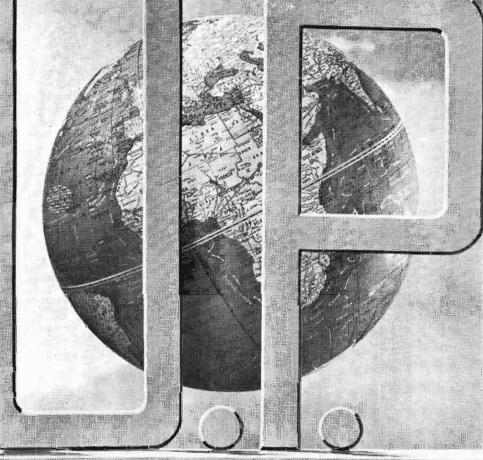
The extraordinary efforts and determination of the American broadcaster to bring to the world every possible light on the European crisis gave rise to no idle jest—"Radio averted a war."

For the ensuing months of 1939 the broadcasting industry, remaining on its toes, has every reason to expect highly satisfactory financial returns from the commercial side and continued approbation for its public services.

It is expected that the broadcaster will again be the target for the layman and official meddler, just as he was during the past year, and that Congressional investigations will always be in the offing. The FCC investigation has seemingly failed to reveal broadcasting as being anything but a much cleaner industry than the average; yet radio will probably always remain the "goldfish bowl."

Minding its P's and Q's, radio has before it further opportunity to cement its relationship with the radio home; for it has spent and will continue to spend millions of dollars in doing it—right now, via a reality called Television. The year 1939 may well prove a turning point for the broadcasting industry.

WALL STEEL OF THE STREET



UNITED PRESS



PROGRESS IN BROADCASTING

*UNDAMENTAL in the American system of broadcasting is the duty of the licensees to utilize the facilities afforded them so that the public will receive the best possible radio service.

In discharging this great public trust, two primary considerations are presented. Technical operation must keep abreast of the rapidly progressing art, and the program service should be meritorious.

The listening public is entitled to a signal which is free from distortion and harmonics. A high percentage of modulation must be maintained. The air should be free from the products of antiquated or inefficient transmitters, just as the public roads should not be crowded or menaced by lightless or brakeless automobiles.

The program which is received by the people likewise should be of excellent quality. Constant attention should be given program composition so that steady improvements will be realized. This calls for social vision, a lively realization that all classes and ages of people listen to programs, and a keen perception of changing conditions and new opportunities.

If these objectives are achieved. American broadcasting will perform a great service to the Nation.

Frank R. McNinch

Chairman. Federal Communications Commission

Zhanks

To the radio editors of the United States and Canada.

To my brothers, and the boys in the band.

To our sponsors—Lady Esther.

To the Roosevelt Hotel.

To our exclusive agents and friends, MCA.

And to the music publishing industry.

Guy Lombardo

Ten Outstanding Radio News Events of 1938

NAB Reorganization Completed and Neville Miller Elected First Paid President.

Frank R. McNinch pushes through Reorganization of the FCC.

Television Makes Rapid Strides With Sets Due to be Marketed Early This Year.

Every Branch of the Industry Completed Negotiations With the AFM, and Hired Additional Musicians.

FCC Begins Its Monopoly Probe With NBC the First Network to be Called.

Texas State Network Formed With Elliott Roosevelt named President.

Super-Power Hearings Begin Before the FCC.

IRNA Organized As A Permanent Organization, Headed by Samuel R. Rosenbaum.

Entire Industry Offers Thorough Coverage of the European Crisis Twenty-Four Hours a Day.

Network Billings Hit All-Time High, With Total Billings Reaching \$70,000,000.

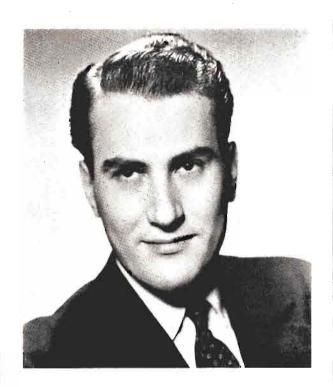
Outstanding New Program

"Information Please," with Clifton Fadiman.

Wost Remarkable Broadcast

Orson Welles' Dramatization, "The Men From Mars."

THE BAND OF THE YEAR!



ARTIE SHAW

"Making Dance History"

OLD GOLD PROGRAM with ROBERT BENCHLEY CBS—Sundays—10 P. M. E. S. T.

- Management -

ROCKWELL - O'KEFFE GENERAL AMUSEMENT CORPORATION

THE OBLIGATIONS OF AMERICAN RADIO



DR. JAMES ROWLAND ANGELL

Educational Counselor, National Broadcasting Co.

THE AMAZINGLY RAPID development of American radio should not blind us to the fact that as an industry it is still in its infancy, with great areas of unexplored territory, to say nothing of important unsettled problems upon whose wise solution may rest the future of our broadcasting.

Generally thought of as merely entertainment and advertising, radio is actually far more than this, and were it not, it would speedily cease to give concern, as it now does, to many thoughtful persons who clearly apprehend its prodigious potential powers. It can inform accurately and so lead sound public opinion; or it can suppress and distort fact and so grossly mislead its heavers. It can stir up mob excitement, even to the point of violence, and it can quiet and reassure public anxiety in times of crisis. It can cultivate taste and develop appreciation. or it can debase both. It can offer fine amusement, or it can make itself an offense in the home to all right minded folk.

All this makes clear the inevitable obligation which rests upon broadcasting as an agency, using the ether under government supervision, to bring to its conduct high conceptions of public service. Nor can this circumstance ever be lost to sight, if radio is to justify the present methods of operation.

When one compares the conditions under which American radio is conducted with those which prevail in many other parts of the world, the importance of serious and conscientious consideration of its obligations becomes obvious. Needless to say, in the dictator-ruled countries radio is simply one among other agencies employed to feed into the minds of the people whatever ideas the autocrat may see fit to inject. It is so con-

trolled that no ideas and no information hostile to the powers that be are allowed to enter. What such a procedure would mean for democracy requires no comment. The two things simply cannot coexist.

But even in countries under more liberal governments, radio is still largely controlled by the rulers. This may result, as it certainly has done in certain European countries, in broadcasting which attains a high level of excellence but which, nevertheless, is always somewhat hampered in its discussion of public issues by the fact that it is actually under direct government surveillance. Furthermore, the taxes by which radio is supported in these countries frequently do not produce sufficient income to permit the employment of as much firstclass artistic and musical talent as the American radio commands. cumstance is reflected in the quality of many of the programs.

Clearly it is distinctly in the public interest that American radio should continue to enjoy the largest possible measure of freedom, but it must deserve this freedom by seeing to it that it is never abused and that from one end of the industry to the other there be constantly exercised a keen sense of public obligation. Not alone in the sustaining programs which the industry must pay for out of its own pocket, but also in advertising programs as well, whence comes the income to support the enterprise, the same standards must be imposed.

Jack Benny

JELL-O PROGRAM

My Cast:

MARY LIVINGSTONE

DON WILSON

PHIL HARRIS

KENNY BAKER

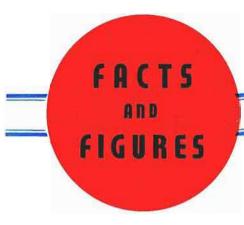
ANDY DEVINE

"ROCHESTER"

My Authors:

BILL MORROW

ED BELOIN



FROM THE RADIO DAILY

There are approximately 26,666,500 radio families in the United States.

Although two out of every three applications for facilities to the FCC are turned down, its fiscal year ending June 30 found the U. S. with 747 broadcast stations.

Television experimentation has cost RCA some \$20,000,000 during the past 10 years.

About 17,000 men and women devote full time to broadcasting and draw a collective weekly pay check of more than \$770,000. In addition, there are some 5,880 part-time employees who earn approximately \$110,000 weekly.

There are more than 5,000,000 radios installed in motor cars throughout the country.

Over \$1,250,000 was spent by CBS and NBC in covering the European crisis, September 10-29, 1938, bringing first hand information to American listeners.

Billings by the 10 leading advertising agencies on NBC and CBS during 1938 totaled \$41,061,885.

During 1938 NBC increased by 40 per cent the number of programs specially produced and shortwaved to foreign countries. As of January 1, 1939, the network had sent out 16,500 such programs, in six different languages.

Number of network outlets as of January 1, 1939, were: NBC 167 (Red and Blue), CBS 117, and MBS 110.

For the first time in commercial broadcasting history, its gross sales (for 1938) exceeded that of magazine billings. Radio did an estimated \$150,118,400; total magazine billings \$140,372,925.

Replacement value of the 627 commercial broadcasting stations in the U.S. is estimated at \$15,000,000.

Of the 13,721,000 rural American families, 69 per cent or 9,470,900 own one or more radio receiving sets.

About 99 per cent of all network business is done through advertising agencies.

Largest network hookup for a commercial program is that of General Foods Corp. (for Jell-O) with Jack Benny—118 stations in the U. S. and Canada.

"BOX-OFFICE APPEAL PLUS!"



EXCLUSIVE MANAGEMENT:

Evans AND Salter

DIVISION COLUMBIA CONCERTS CORPORATION OF COLUMBIA BROADCASTING SYSTEM 113 WEST 57th ST., NEW YORK CITY



By H. V. KALTENBORN

RADIO is the outstanding purveyor of news, of information, of education, of culture, of advertising and of entertainment for America's millions. They listen to radio when they won't listen to anything else. After all, there are 25,000,000 American families who own 35,000,000 radio sets. As to the growth of radio, there were five hundred thousand automobile radios in 1932 and there are over 5,000,000 today. Twenty million sets are tuned in each day for an average of five hours. That means one hundred million daily family hours of listening.

That is why radio, in a democracy, is of tremendous importance, of far larger importance than we yet realize. It is interesting to see that it does exactly the same things as the press. News, information, entertainment, advertising are constantly on the air and in all the newspapers. But over the air—through the "Fifth Estate"—impression is much more vivid. The reaction to the spoken editorial is much more immediate, more widespread and more emotional, than the reaction to the written editorial.

Radio has made us world-conscious. Certainly, we get an added sense of the smallness of the world when through our loudspeakers we are able to follow, as in September, minute-to-minute developments in a European crisis which brought the world nearer to war than it has come since 1914. The CBS network alone brought Americans 471 broadcasts from 18 world centers during the 20 days of the crisis. Fifty-seven principals in the crisis were heard in these broadcasts. My own part in this greatest of news coverage feats brought me to the microphone 102 times in 20 days to clarify and interpret the news as it was broadcast. The ten thousand letters and telegrams which I received from listeners

all over the country demonstrated to me more powerfully than ever before radio's power to keep our people fully informed on international affairs.

Long before its coverage of the great crisis of 1938, radio had, for the first time, made all our people governmentconscious. Every important figure in the government speaks to us over the air. We get a closer knowledge of their personalities. We have an immediate, direct. personal, emotional contact with every outstanding individual in public service. Having heard him, we have more interest in what he says and in what he does. Franklin D. Roosevelt happens to possess a remarkable radio personality and this is an important factor in his popularity. He could never have "sold" himself to the same extent without this magic instrument which enables him to reach out and sway millions where formerly he could have touched but thousands.

Women have come into the political picture in a new way, thanks to radio. They, too, have become government-conscious. Women listen to the radio even more than the men. Many keep their sets turned on while they are doing their housework, and listen to all sorts of things including, incidentally, political messages. Women talk politics, think politics, read politics much more than they did a few years ago. Radio has given them a contact with government problems and with individuals in government which they never had before. That is a new factor of great importance in our political life.

Today, the significant elements of world news can be assembled from one thousand or ten thousand miles away with the speed of light, related, condensed, interpreted in a few minutes, finally to be broadcast to the tiniest red schoolhouse, the brightest kitchen, the darkest sick-

(Continued on Page 57)

"The Prince Of Baritones"



IGOR GORIN

The Singing Actor For Whom This Generation Has Been Waiting!

Singing sensation of radio, concert and motion pictures, acclaimed the "Prince of Baritones," IGOR GORIN has been triumphantly hailed on his transcontinental tour this season. Already engaged in recital in over 40 cities on leading concert and university courses.

EXCLUSIVE MANAGEMENT: Evans AND Salter

Division COLUMBIA CONCERTS CORPORATION of COLUMBIA BROADCASTING SYSTEM

TRENDS IN ** EDUCATION BY RADIO

By

J. W. STUDEBAKER

U. S. Commissioner of Education

THE YEAR 1938 was crowded with events of great significance for educational radio, from the point of view of both educators and broadcasters. Educators gave evidence of learning that it requires showmanship to produce listenable educational programs; the networks gave evidence of learning that showmanship by itself is not enough.

CBS and NBC gave recognition to the value of the school expert in preparing educational radio programs. CBS called in the aid of a distinguished committee to guide its development of programs in the field of adult education At NBC, Dr. James Rowland Angell, former president of Yale, extended the development of educational programs.

At the same time there was evident a growing trend among educators to perceive the true nature of radio and to learn what it takes to communicate successfully by radio. There was less tendency for educators to employ speeches by prominent persons and more of a desire to turn to dramatic forms, discussions, interviews, quizzes and the use of persons of tested radio ability. We are discovering that radio, like the movies, requires elaborate organization and careful preparation.

The Office of Education and two of the major networks, pooling their resources, created and produced four coast-to-coast educational programs:

The Office of Education, with the cooperation of CBS, created and produced the "Brave New World," a Latin American series, and "Americans All-Immigrants All," a series showing contributions of various races to the building of the United States. "Brave New World" was concluded in April, 1938; "Americans All-Immigrants All" will continue through the spring of 1939.

With NBC the Office of Education created and produced the 1938 broadcasts of "The World Is Yours," a series based on the Smithsonian Institution, and "Wings for the Martins," a series on the problems of education as seen through a typical home. "The World Is Yours," now in its third year, will con-

tinue indefinitely; "Wings for the Martins" will continue through the spring of 1939.

The schools, colleges, and other community groups of this country have in the past few years become increasingly conscious of a need for adequately prepared educational radio scripts. Radio Script Exchange, inaugurated by the Federal Radio Education Committee and functioning within the office of Education, received and filled requests for more than 80,000 copies of scripts during the calendar year 1938. In the first two years and three months of its existence, the Script Exchange distributed on request a total of over 166,000 copies of scripts. There are now 181 scripts in the Exchange and another 100 are to be added early in the year 1939.

The schools, colleges, and other community groups endeavoring to produce radio programs have been handicapped by a need for expert advice on production problems, on the meaning of radio studio terms and on the technicalities of sound effects. The Script Exchange distributed on request during the year 1938 more than 10,000 copies of specially prepared aids—a Radio Manual, Production Manual, Glossary of Radio Terms, Bibliography of References on Radio, and a Handbook of Sound Effects. More than 20,000 copies of these aids have been distributed by the Exchange during its existence

The need to preserve for educational use the values of important educational programs has become increasingly evident. As a result, in the fall of 1938, with the help of the Committee on Scientific Aids to Learning, the facilities of the Script Exchange were expanded to include the distribution of recordings of (Continued on Page 57)

EDWARD G. ROBINSON

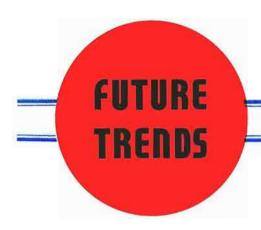
ΙN

"BIG TOWN"



Broadcast Over Columbia Network—Every Tuesday Evening
(8 E.S.T. — 7 C.S.T. — 7:30 M.S.T. — 8:30 P.S.T.)

Sponsored by Lever Brothers (Ruthrauff & Rvan, Inc.—Advertising Agency)



By DAVID SARNOFF

President Radio Corporation of America. and Chairman of the Board, National Broadcasting Company

HE early development of audible radio transmission, which was limited to point-to-point and ship-to-shore communication in code, lay in the field of long and intermediate waves. Similarly, radio telephony, and broadcasting, have heretofore found their practical development in the field of long waves.

After the application of radio to telephony in the early 1920's, it was found to be more practical to operate the radio telegraphic services by short-wave, and a shift to this field occurred.

Research Engineers

As radio research engineers gained more knowledge, first about long and then about short waves, they advanced into the area of ultra-short waves, in which radio facsimile and television have been developed. Today they are delving into that portion of the radio spectrum which includes micro-waves, and out of which will come more and more useful services to mankind. The knowledge gained from the development of each radio service has helped in the development of all the others, and each step ahead has led radio scientists into new uncharted fields of discovery.

During the next decade, radio will no longer be confined to the field of audible services. The public is about to participate in a new era of radio, one which brings them into the field of visual services—facsimile and television.

Facsimile

Radio facsimile is a system of transmitting through space such graphic material as writing, printed matter, and pictures, and recording it in permanent form at some distant point. One form of radio facsimile has already been in practical use for the past several years, in the transmission of photographs between Europe and America. More recently, facsimile has been used also to transmit weather maps from shore to Now, a new type of facsimile ship. broadcasting-one for home use-has been developed. At the present time, a number of broadcasting stations scattered throughout the United States are conducting experimental broadcasts with the new system in an effort to determine to what kind of service it is best suited. Other applications, in such fields as business, commerce, government, and education, also are being studied.

Defining Television

Television is a system of transmitting through space by radio, images of moving objects and scenes, or motion pictures, and reproducing them in transient form at some distant point. After more than ten years of laboratory experiment, RCA brought television out of the laboratory in 1936, and began an exhaustive scries of field tests, broadcasting programs from NBC studios in the RCA Building, via an antenna on the Empire State Tower, to experimental receivers

"HUSKIES"

(GENERAL FOODS CORPORATION)
presents

Joe Penner

COLUMBIA NETWORK — EVERY THURSDAY

7:30 EST -- 6:30 CST -- 6:30 MST -- 5:30 PST



SCREEN—Under Exclusive Engagement
To R. K. O. Radio Pictures Inc.

located at strategic observation points throughout the metropolitan area.

Satisfied by these tests that television was now technically feasible, RCA last fall announced three important moves toward the establishment of a regular public television service, effective in the spring of 1939. These consisted of (1) the immediate acceptance of orders for television transmitters, from those wishing to help pioneer in the new art; (2) the manufacture of television receivers for sale to the general public; and (3) the inauguration by the National Broadcasting Company of a regular television program service of at least two hours a week in the New York area.

Tele Financial Support

Many problems relating to programs and to the financial support of television are yet to be solved before television can attain the state of widespread usefulness now enjoyed by sound broadcasting. From now on the answers to these problems may best be found in the knowledge that is bound to accrue from the practical operation of television on a basis of service to the public.

The public must not expect that television, in the beginning, will be able to cover the vast areas now covered by sound broadcasting. The ultra-short waves used in television have a range of transmission of 40 to 50 miles. An economically practical system of relays for network purposes is yet to be evolved. For these reasons, television service in its early stages will be limited to the larger centers of population. Television will not supplant any other medium of entertainment or communication. It will draw upon the older mediums in the creation of its own individual services.

Radio at the World's Fair

Every important phase of radio so far developed—in the fields both of sound and sight—will be exhibited and demonstrated by the Radio Corporation of America at the New York World's Fair 1939.

The building erected at the Fair grounds by RCA to house its exhibits is designed in the form of a huge radio tube, symbolic of radio science and industry. Viewed from above, the building appears to be a radio tube affixed to its base and lying on its side. Surrounding three sides of the building, which fronts 200 feet on the Avenue of Patriots, is a large landscaped lawn interspersed with flower-beds, shrubs, trees, reflecting pools and special exhibits.

The front section of the building is a semi-rotunda enclosed by plate glass from top to bottom. At the center of the facade is a huge replica of a metal radio tube, approximately 25 feet high and 8 feet across. This replica, by means of an animated electric display, will demonstrate the functioning of a real tube.

Many Exhibits

Facsimile and television devices will be exhibited and demonstrated in the forward, or semi-rotunda, section of the building. Facsimile receivers, of the type designed for home use, will be in operation, recording news bulletins and other information. Six viewing rooms for television have been built around the inner semi-circular wall. Each room will accommodate from 15 to 25 persons at a time. Television receivers in the rooms will receive regular television transmissions of programs from NBC studios in Radio City, and from RCA-NBC telemobile units on the Fair grounds.

Near the center of the rotunda will be stationed a television receiver encased in a cabinet of clear glass, which will permit close inspection of the interior parts. Elsewhere in the building will be other exhibits demonstrating various principles of electronic television as developed in the RCA laboratories. On the lawn outside will be stationed the motorized RCA-NBC mobile television unit, by means of which outdoor events are televized.

The devices used in radio point-topoint communication will be displayed by two services of RCA,—R.C.A. Communications, Inc., and Radiomarine Corporation of America. The former also will have an office for sending and receiving

AL JOLSON

V

A GRAND HALF HOUR LIFEBUOY PROGRAM



radiograms to and from all parts of the world. How these messages travel around the earth with the speed of light will be demonstrated graphically on a large diorama encircling the base of a 250-foot radio antenna tower on the grounds to the right of the building.

Transmitters, receivers and devices of all kinds used in radio will be exhibited by the RCA Manufacturing Company. This portion of the RCA exhibit will also cover the many applications of radio communication principles in the fields of recorded music, education, motion pictures, and public safety.

A display showing how radio technicians are trained will be exhibited by the RCA Institutes.

Radio in the Future

As spectators at the World's Fair view the evidence of radio's progress to the present time, the question, "What comes next?" naturally will arise. It is, of course, impossible to answer this question with any degree of positiveness; yet it is possible to gain some idea of the direction in which we are headed, through familiarity with the fields which radio research scientists are now exploring.

Concerning the mysteries of the microwave, we already know enough to say that once this type of wave is controlled, an almost unlimited number of radio frequencies will become available for public service. When that time comes it will be possible, to create new services and greatly to extend the present services of radio.

New Radio Services

Countless new radio services may evolve from this field of exploration. For example, one would be an extension of telephone service to motorists travelling on the highways. This might be accomplished by attaching special receiving and transmitting units to telephone wires at intervals along the roadside. The motorist, equipped with his own transmitter and receiver, would then call the telephone central by radio. and get his connection through without slackening the speed of his automobile. If we go a step further, we may visualize motorists in separate cars talking to each other by radio as they speed along

the highway. Another application might consist in equipping policemen with pocket-size radio transmitting and receiving units, to keep them in constant two-way communication with their head-quarters.

Since the micro-wave, like the ultrashort wave, is ineffective beyond the horizon, its use would encourage the establishment of a broadcasting station in every village, giving that community a voice of its own to speak on local affairs and to present local talent.

A development which promises to offset the short-range limitations of ultrashort waves-and, in the future, micro waves—is the radio relay. If a system of such relays could be created, it would make possible, among other things, the establishment, first, of regional networks for television transmission and, eventually, of national networks for the same purpose. The best that can be said of this method today is that it is one of promise. The coaxial cable, which has already been developed, is designed to perform the same service. Which system will prove to be the more efficient and economical is yet to be determined.

The Radio Relay

The radio relay has applications in other radio services besides television. It can, for instance, be used to transmit in facsimile over short as well as long distances, messages and pictures. Furthermore, the radio relay has the possibilities of multiple transmission. Two pictures could be sent simultaneously, and on the same radio wave two automatic typewriter channels and a telegraph channel could be added. Relay equipment has been under test in the field for some time now, and from the experimental work that is being done we fully expect to learn how best to use it.

Swift as the progress of radio has been during the past twenty years, its future promises to be even more spectacular. Radio will continue to increase and broaden its potentialities for public service. It imposes upon the social scientist a task even more serious than that of the radio scientist: to direct this new instrumentality into channels through which it may promote the welfare of mankind.

A Salute to Hawaiian Pineapple Co., Ltd.



PHIL BAKER

Broadcasting Coast-to-Coast Over the Columbia Network SATURDAYS—9 TO 9:30 P. M., EST.

____ with ____

Eddie De Lange and his Orchestra

 $\overline{}$

EXCLUSIVE MANAGEMENT WILLIAM MORRIS AGENCY INC.

RADIO ABROAD

The American radio industry's progress during the last 12 months in the foreign market has been paced by the splendid and comprehensive service rendered by the Radio Section of the Electrical Division of the Bureau of Foreign and Domestic Commerce of the United States Department of Commerce.

It is the Radio Section of the Electrical Division of the U.S. Department of Commerce, one of the major trunk lines leading to the Federal central switchboard of American business, which keeps the industry abreast of the changes abroad and which correlates the unending flow of statistics upon which the successful pursuit of foreign markets is predicated.

The scope of the Section is comprehensive, embracing as it does the sales promotion of all receiving and transmitting equipment as well as the operations of the industry, including the publicizing of domestic short wave programs. Obviously, much of the data thus placed at the disposal of the American industry cannot otherwise be obtained.

To a marked degree, radio entails peculiar demands. It is essential that the Federal government, through its accredited a gents abroad, note the widely varying conditions and interpret them in terms of world changes, prospective markets and required adaptations. Differing characteristics, tastes and customs are vital factors in the correct marketing approach.

The changing political complexion of Europe, and the altering complexion elsewhere, serve to further emphasize the value of the Bureau divisions to the radio industry. Important among them are the Economic and Technical Divisions. The sphere of the Commercial Intelligence Division is that of rating possible foreign agents and buyers. The Commercial Laws

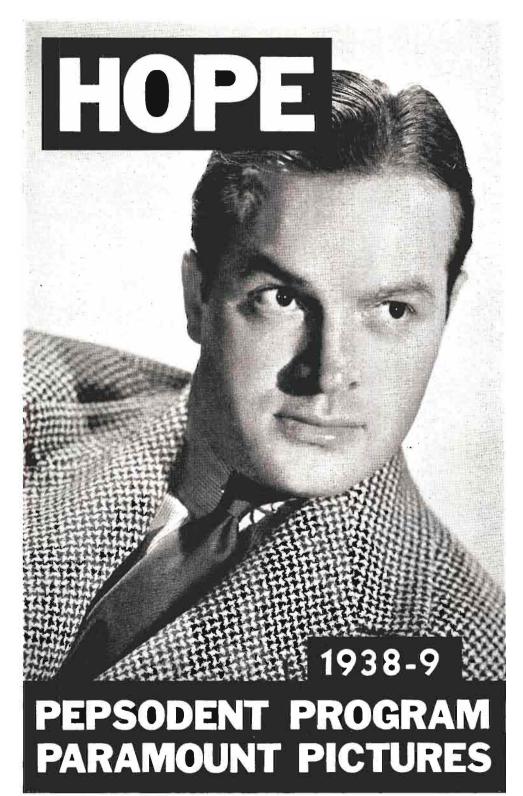
Division, among other valuable services, provides assistance in foreign industrial property problems—trade marks, copyrights, patents, unfair competition, etc.

From the Bureau's Tariff Division, the American radio industry receives reports of all changes in customs tariffs, trade regulations and commercial policy, as well as the latest information on new trade agreements and foreign customs decrees.

Probably one of the most valuable contributions of the Bureau is the statistical service which shows the amount of a given commodity—sets, tubes, parts, etc.—imported from all leading countries into a particular foreign market.

Reference already has been made to the part played by national and provincial tastes and customs in the successful exploration of the foreign radio market. The Bureau's Radio Section as the result of its studies has useful suggestions to make for the exporter's guidance. Not infrequently, appearance, color and design, including those of labels, may prove to be a factor.

(For complete foreign information please turn to page 929.)



RADIO AND THE NEWS-

(Continued from Page 45)

room, the largest mass meeting. The world and the air are literally full of politics, politicians, political incidents and portents. Millions of people await them, hour by hour, in home and office and shop and general store, anxious with a new-found, personal relationship to all these events and personalities, listening, waiting, wondering—sometimes skeptical. sometimes all too credulous, but always stimulated by the intimacy of personal contact with the voice which brings them words-the familiar voice they have come to know from hearing it regularly, which will tell them what lies behind the words.

Here, then, we stumble across the opposite poles of radio. The wonder of it, and the utterly commonplace thing it has become. As a radio commentator, I : m never able to forget the backbreaking toil, the mental anguish, the unnerving precision which was mobilized to make it possible. It has become a boon to mankind which makes all that has gone into it well worthwhile. We can afford to rely on its mechanical efficiency, but we must also see that such an invention finds its best purposes and uses. With "news" as the sole weapon, all the forces and advantages of radio could be mobilized to produce confusion, discontent, ignorance, incompatability, intemperance, and moral and social disintegration - just as easily as they are concentrated on public enlightenment. intellectual stimulus, social awareness, greater understanding and cooperation.

We should, of course, make a distinction between the way the United States

runs its radio system and the way such systems are run in other countries. In our country, the profit motive is dominant. Many people don't like advertising; yet it seems entirely impractical to exclude it. The broadcasting systems themselves are constantly limiting the amount of advertising that may go with one program. On the basis of my study of radio systems all over the world, I know of none that touches ours in freedom from control, complete freedom of expression, and ability to provide a program that responds to the needs and interests of the people. Above all, American broadcasting does not serve any particular private purpose outside of the general purpose, served also by the press, of making a reasonable profit for those who own it.

We are most fortunate that at a time when public education in political problems are of outstanding importance we have radio to help develop it. Democracy is being challenged all over the world. The challenge is real. Dictatorships cannot be defeated by mere negation. We don't really know, many of us, why we believe in democracy. What a chance there is to use radio to develop a wider knowledge of it. Democracy is the world's only hope, the only chance for human individuality to survive. Yet the world tends more and more to become collectivized under the leadership of individuals who have lost all moral perspective. Let us, with the help of radio, educate our people to a greater knowledge of democracy and a greater belief in it.

TRENDS IN EDUCATION BY RADIO—

(Continued from Page 47)

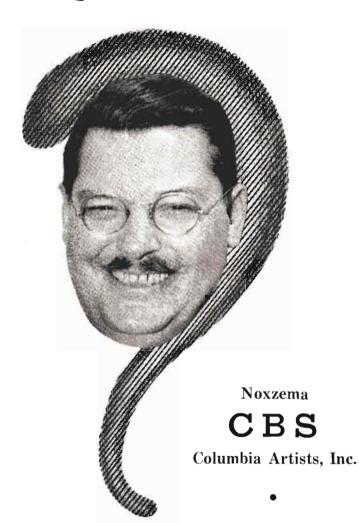
the series "Americans All—Immigrants All." These are now available for phonograph use at 33 1/3 and 78 r.p.m.

Groups of both educators and radio officials felt a need for scientific research in the value and effect of different kinds of educational radio programs. The Federal Radio Education Committee, besides promoting the Script Exchange, sponsored two educational radio research programs, one at Princeton University and one at Ohio State University.

There was a significant development in the short wave field. I recommended to the Federal Communications Commission the desirability of setting aside a band of frequencies for the exclusive use of local educational agencies. The Commission finally set apart twenty-five channels for this purpose. Two cities, Cleveland and New York, received licenses during 1938 to operate stations under this provision of the Commission. It is probable that as many as 1500 stations can operate simultaneously while using these channels. It will thus be possible to expand enormously the services of the Office of Education to schools and educational stations.

I believe we are now on the threshold of an era of very good feeling between broadcasters and educators, in which the broadcasters are becoming aware that education can be made interesting on the air, and educators are beginning to appreciate the requirements of radio. We are still only on the frontiers of a new field of education. There are no imaginable limits to our opportunities.

PROFESSOR



Management

WILLIAM GERNANNT
521 Fifth Avenue

New York



By KATE SMITH

THE past ten years in the broadcasting industry have seen a normal plane of activity developed from a state of chaos. All phases of the industry have reached maturity, and with the growth has developed a new firmament for entertainers to bask in.

Not the least important factor in the amazing development of the broadcasting industry has been the emphasis placed on the entertainer. While it takes many persons to actually transmit a program into the home, it is the entertainer who has the most to gain from a good production, for the public does not judge a radio program by its technical development, but rather from its entertainment achievement.

In the early days of network broadcasting, standards were much lower for the selection of radio entertainers. Programs had to be transmitted throughout the day and evening, and it took many persons to fulfill a full day's schedule. The majority of the vocalists were allotted quarter-hour periods, and allowed to sing whatever songs they so desired, in a manner that to say the least was slipshod.

Gradually, however, program directors began to see the value of good entertainment. Singers were given more selected hours. CBS set aside the 7 to 7:15 p.m. spot "across-the-board" to build talent. From that quarter-hour period, which was proven through a number of surveys to have a huge listening audience, such personalities as Bing Crosby, Morton Downey and Ruth Etting were skyrocketed to fame, not only in radio, but stage and motion pictures as well. Listeners began to remember that 7 p.m. period and as a result, not only talent was built up, but new broadcast periods were being commercialized.

From those humble quarter-hour programs, many radio artists have moved into the higher brackets in the entertainment field. While the motion pictures, vaudeville and legitimate stage have been responsible for many pleasing listening hours, the majority of the favored talent today was schooled in radio, then went into the extra-curriculum activities. Few have completely deserted the ranks of radio, however. Don Ameche, now a favored Hollywoodite, still retains his radio show and personality. Rudy Vallee has moved into pictures and dance spots, but remains one of the standbys of many radio listeners. The list of radio names who have succeeded in other fields is a long and impressive one, but they are still RADIO personalities, even to the most ardent film fan.

Showmanship has done much to develop talent in radio. Programs are now built to order, and the talent is considered in every phase of the production of a radio show. Not as in the early days when a singer sang, and trusted to luck that the song would be finished in the required time, radio today is well rehearsed. Color and glamour, two words long absent from the radio business, are coming to the fore, and radio is now definitely big-time.

Despite its growth, radio is still an "open sesame" to a large number of aspiring entertainers. Local stations serve as elementary schools, with students graduating to the networks after they have been schooled in radio technique. Many of the better "students" have been able to make the grade in the big time without too much preliminary work, and there are those rare exceptions that step right into star spots. Radio can use new talent all the time—because it is its very lifeline!

RAYMOND PAIGE



Wednesdays at 10 P. M., E.S.T. Over The Columbia Broadcasting System COAST-TO-COAST

in

"Raymond Paige, 99 Men and a Girl"

Sponsored by UNITED STATES RUBBER CO.

Management.
Columbia Artists, Inc.
485 Madison Avenue
New York City

RADIO TELEVISION and the WORLD'S FAIR

By DR. JOHN S. YOUNG

Director of Broadcasting and Television

New York World's Fair 1939

THE most pretentious radio program ever devised made its bow to the world on January 1—the program every radio man dreams about; the program mere money could not buy. Only love of a cause or universal enlistment in a mutually profitable venture could command such outstanding talent, such world coverage and such eminent speakers as emperors, kings, queens, presidents, prime ministers and other Heads of State. The "Salute of the Nations" program is heard each Sunday afternoon from 1:30 to 2:00 p.m. EST. over 342 stations in the United States, 45 stations in Canada, and is rebroadcast throughout the world. The Fair is the first instrumentality to win such recognition for radio. The series will run 17 consecutive weeks before the opening of the exposition.

Special Program

With the opening of the exposition, radio also started the program series "Salute of the United States." From February 5 to April 23 members of the President's Cabinet will speak from Washington on the Blue Network of the National Broadcasting Company. Their addresses scheduled on Sundays from 7:00 to 7:15 p.m. EST, will be devoted to the twelve themes included in the government exhibit. Many of the Fair's industrial exhibitors are completing plans for broadcasting. Television is going to have its real debut at the Fair. Obviously, 1939 is going to be radio's greatest year. Theirs is a magnificent tribute to the exposition, with its aim of promoting world trade, world understanding and world peace.

Television

The New York World's Fair of 1939 will present television to the American public as a vital force for entertainment and education, and its chief contribution to the "World of Tomorrow." As past fairs ushered in the reaper, the automobile, and the telephone, among other great inventions, the New York exposition expects to take the miracle of projecting sight through space out of the laboratory and splash it on the screen of Mr. Average Man's receiver, at least within the metropolitan area.

Thus, in collaboration with NBC, CBS, RCA, the General Electric Company, the Westinghouse Company, and the broadcasters, the New York World's Fair—the Television Fair—has already laid exten-



Edgar Bergen and Charlie McCarthy

CHASE & SANBORN HOUR N. B. C.

sive plans for televising various events on the grounds for home reception.

Two RCA-NBC telemobiles have been on the site several months conducting experimental tests.

RCA Displays

Now that the scope and effectiveness of the television presentation is to be greatly increased, four of RCA's six rooms are to be used for other displays, and the remaining two are to be designated as the Radio Living Room of Tomorrow and the Radio Living Room of Today.

The Radio Living Room of Tomorrow will feature one of the most unusual devices so far designed by the radio industry, a single cabinet which will contain receivers for television, facsimile and sound broadcasting, the mechanism for phonograph recording and record playing. This device is thought to be several years in advance of present-day practicalities.

The Radio Living Room of Today will also present the above features, but all in separate cabinets such as those which are available now.

Tele Programs

Television programs, which will be viewed on many receivers to be located in the RCA exhibit building, will originate from three sources: The NBC-television studios in Radio City, New York, the RCA-NBC Telemobile Unit and Motion Pictures.

The Columbia Broadcasting System is rushing to completion its television transmitter in the Chrysler Tower and has elaborate telecasting plans for the Fair. CBS also intends to pick up the sight

and sound of current events on the grounds and flash them to the receiving sets of its audience. Columbia Broadcasting System will spend over \$1,500,000 on its television plans during the 1939-1940 period.

G. E. Displays

General Electric is building a television studio in its big coppersheathed building where visitors may have their features televised. and act before the camera. These pictures will be shown on a dozen receivers in the studio, but they will not travel beyond the walls, according to present plans. subject, however, will be able to take home a photograph of his televised image. General Electric expects to be able to familiarize the public with the art through its static exhibits of television equipment, and its demonstration of how television operates from the pickup of the image to reception of the image in the home. General Electric engineers were among the first in the world to demonstrate television to a large audience. Dr. E. F. W. Alexanderson, who has contributed so materially to radio development, being one of its pioneers.

Westinghouse has not made public its plans for television at the Fair. They will exhibit a full line of television apparatus as well as short-wave radio equipment for police, airplane, naval and amateur stations.

Station Exhibits

The Crosley Corporation of Cincinnati signed a contract for three quarters of an acre of space on the grounds of the New York World's Fair.

An exhibit hall and broadcasting studio will be erected on the plot,

according to Powel Crosley, Jr., President of the Crosley Corporation. The studio will be used by WLW of Cincinnati, world's most powerful broadcasting station, and will enable it to bring direct broadcasts from the Fair to a large section of the Middle West.

The WLW studio will be used for interviews with celebrities visiting the Fair, programs relating to Fair subjects, international events and spot news broadcasting. Many of the WLW broadcasts will be made available to the Mutual network

WNYC Studios

The Queens Studios of the Municipal Broadcasting System will be located on the mezzanine of the New York City Building. Mr. Morris S. Novick, Station Manager of WNYC, in describing the layout, stressed its ultra-modern note and flexibility.

WNYC will have two large studios, the third being for announcing and transcription. The large Master Control where all switching will be done, will be equipped with powerlight indicators, three loudspeakers and television receiver. The announcers' booth will provide a birdseye view of the vast auditorium where exhibits will be on display.

A portable sound truck will make possible the recording of special effects and programs throughout the Site for subsequent instantaneous reproduction as desired on the studios' transcription equipment.

Broadcasts will also originate from the theatre in the New York City Building.

The Queens Studios will remain a permanent adjunct of the Municipal Broadcasting System after the conclusion of the Fair.

Static-less Radio

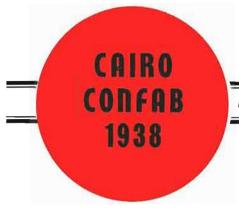
Arrangements have been completed by the New York World's Fair of 1939 with Major Edwin H. Armstrong, inventor of the new static-less radio system, and with Mr. John V. L. Hogan, owner of Station WQXR, to present the inaugural program using the new wave from the Fair site, an impressive broadcast dedicating what promises to be a far-reaching technical advance.

Orrin E. Dunlap, Jr., commenting on the new system in the New York Times of January 22, 1939, says: "Static-less radio, the goal of inventors, the hope of wireless operators, the answer to the broadcast listener's prayer, was demonstated in New York during the past week by Major Edwin H. Armstrong, Professor of Electrical Engineering at Columbia University.

Not only has the Major and his engineering crew succeeded in dodging static but they give to radio a remarkable system of puretoned broadcasting. So realistic is the music it seems that the listener is sitting amid the musicians.

Conclusion

The 1939 New York World's Fair will truly be "A Radio and Television Fair." Every phase of broadcasting has been included in the exhibits. Broadcasting companies, manufacturers and radio talent expenditures will run into the millions. Persons all over the world attending the World's Fair will be given the opportunity to witness Broadcasting from its embryonic stages to the finished product of Television.



INTERNATIONAL CONFERENCE

STRONG effort to solve the problem of serious congestion by widening the high frequency (short wave) broadcast bands in the radio spectrum was made at the conference held in Cairo, Egypt, Feb. 1 to April 8, 1938, which also added frequencies for use in tropical regions. The conference was attended by 600 delegates representing more than 50 nations. The new regulations will become effective Sept. 1, 1939.

Three communication mediums, radio, telephone and telegraph, were studied at the three independent conferences, although the radio session interested more delegates than the other two combined. Official title of the gathering was International Telecommunication Conference.

The frequencies from 1,500 to 1,600 for the world (except in Europe 1,500 to 1,560) and from 7,200 to 7,300 kilocycles in the European region only were also assigned to broadcasting on a shared basis, the former with fixed and mobile services, the latter with amateurs. Additional assignments were made in response to insistent demands from smaller nations, such as Ireland and some Latin American countries which have few, if any, frequencies available to them. A

study was made to determine means of providing more high frequency facilities to the nations which contend that there is no place for them on the air.

Further study was also recommended of the dual use of frequencies by stations in different parts of the world. It was stressed by some participants that few frequencies are used continuously by the same station for more than eight or ten hours. Additional study was also recommended in connection with the frequencies from 6,000 to 25,000 kilocycles, which are employed for long distance broadcasting.

Particular attention was paid to developments in aeronautics which are making necessary new allocations and regulations, while the marine services were also the subject of intensive study. Tolerance tables were tightened in many services, according to John H. Pavne. Chief, Electrical Division, Bureau of Foreign and Domestic Commerce, and Technical Adviser to the American Delegation. This requires closer adherence to the exact assigned frequencies, and results in less interference and more effective use of the radio spectrum in general.



FRED WARING

and his

PENNSYLVANIANS

"The Long is the Thing"

Management, John O'Connor 1697 Broadway New York City

GOVERNMENT RADIO CONTRACTS IN 1938

JOHN B. BRADY

Counsellor at Law, Washington, D. C.

THE United States Government contributed much in the encouragement of radio development during 1938 by purchases of radio receiving and transmitting equipment necessary in the protection of the public interest by Uncle Sam's fighting forces and for the operation of Civil Aeronautics. The Government has been a constant purchaser of radio transmitting and receiving apparatus throughout the years even before radio broadcasting began, and in 1938 awarded substantial contracts for radio equipment.

Westinghouse Electric & Manufacturing Company received the largest share of the 1938 contracts in dollar value, the Westinghouse orders aggregating approximately \$831,727.75. RCA Manufacturing Company, of Camden, New Jersey, received contracts for radio transmitters and receivers and radio tubes in the approximate amount of \$248,243.37. Bendix Radio Corporation, of Baltimore, Maryland, received Government contracts during 1938 for radio transmitters and receivers in the approximate amount of \$202,113.22. Federal Telegraph Company, of Newark, New Jersey, was awarded contracts for radio transmitting equipment for the Signal Corps of the Army, for the Coast Guard and for the Department of Commerce in the approximate amount of \$159,146.02. The International Telephone Develop-

The International Telephone Development Corporation, of Brooklyn, New York, contracted with the Department of Commerce for a radio instrument landing system at the Indianapolis Airport in the approximate amount of \$64,870.00. Aircraft Radio Corporation, of Boonton, New Jersey, received Government awards for radio equipment during 1938 in the approximate amount of \$26,545.66. Communications Development Corporation, of New York City, was awarded a contract for a radio beacon supervisor and alarm device for the Department of Commerce in the amount of \$10,250.00.

General Electric Company, of Schenectady, New York, supplied telephone systems for the Tennessee Valley Authority amounting to \$74,000.00. The Hammerlund Manufacturing Company, Inc., of New York City, received awards

for radio receivers for the Signal Corps of the War Department in the amount of \$11,390.25. In order to screen Uncle Sam's radio receiving equipment from man-made interference, purchases of radio filters were made by the Treasury Department from Tobe Deutschmann Corporation, Canton, Massachusetts, amounting to \$19,450.00. Kearfott Engineering Company, of New York City, furnished radio antenna loops to the Signal Corps of the War Department at a cost of \$13,025.00.

The Navy Department purchased telephone outfits from the Batteryless Telephone Equipment Company, Inc., of Pittsburgh, Pennsylvania, in the amount of \$20,276.83.

The Works Progress Administration bought transcriptions from Allied Phonograph-Record Manufacturing Company, of Los Angeles, California, amounting to \$34.500.00.

Uncle Sam's electric battery bill for 1938 may be judged in part by the award to Thomas A. Edison, Inc., for primary cells, renewals and parts by the Commerce Department amounting to \$11,834.44; storage batteries from Philco Radio and Television Corporation, of Philadelphia, Pennsylvania, by the Treasury Department amounting to \$17,361.00; and batteries by the Air Corps of the Army in the amount of \$91,578.60 from The Electric Storage Battery Company, Philadelphia, Pennsylvania.

Electrical Sales and Service Company, Atlanta, Georgia, supplied the Civil Aeronautics Authority with cable in 1938 amounting to \$58,110.00.



HAL KEMP

And His

ORCHESTRA

RENEWED FOR SECOND SEASON
ON

''TIME TO SHINE''

For the Griffin Manufacturing Co.









SKINNAY ENNIS

And His

ORCHESTRA

ON



THE BOB HOPE PROGRAM NBC-RED, TUESDAY, 10 P. M. EST.

For The Pepsodent Co.

Personal Management
ALEX HOLDEN
RKO Building — Radio City
New York

IMPORTANCE OF THE — SPECIAL EVENTS —

By

PAUL WHITE

Director of Public Affairs,

Columbia Broadcasting System, Inc.

There seem to be two approaches to any consideration of special events work in modern radio. Not only is there a how?—but also a why? Nearly everybody in the industry (and a surprising slice of the lay audience, too) is well aware of the manpower, time and money the networks devote to covering special events throughout the world. But a question frequently posed is the unoriginal: "So what?" Why go to all that trouble for the sake of an occasional beat scored against competition? Why stay up all night to bring America the words of a dictator 5,000 miles away? Who cares?

Purposes

The simple fact that a lot of people do care explains why the networks take the pains they do with international crises, world flights, and the like-over and above eleborate service in news, sports, affairs of state, and other special events in this country. We know people care about these things, and research men tell us that listeners form habits of loyalty to the station that delivers the most of the best of such coverage. We try to render the most efficient audience service we can; when we succeed, the network station in each community becomes the one that gains more and more habitual listeners. That's tangible evidence that audience demand must be satisfied on every programming front.

Special Event Methods

So much for the *why* of special events. The *how* is not as simple. This department is engaged in broadcasting important news events, both domestic and foreign, reporting all phases of sports, and presenting human interest or feature shows when the situation warrants. First two of these functions are handled by on-the-spot pickups, news flashes, and additional commentary. A few instances of a department at work will demonstrate its operations most clearly.

When the floods came to the Mississippi and Ohio valleys, networks had a dual opoprtunity: to hasten aid for the distressed areas, and to relate the news quickly and accurately to the rest of the U. S. radio audience. An intermittent schedule of news bulletins and flood summaries was arranged. Announcers

and engineers were sent with short wave equipment to relay eye witness accounts from the air, from river boats, and from other vantage points. Stations in the flooded sections provided special programs day and night, including comprehensive reports from local officials, interviews with survivors, and instructions to rescue parties navigating radio-equipped boats. WHAS, Louisville, operated 24 hours a day to render these services, thereby winning wide acclaim in fulfilling the aims of the special events department.

National Affairs

National affairs present a different sort of challenge. Congressional openings, presidential inaugurations, national elections—all these require split-second precision and intricate arrangements of radio facilities. Roll-calls in House and Senate, interviews with leaders in both branches, man-in-the-street queries, and the President's message on "The State of the Union" were highlights of radio reporting when Congress convened a year ago. During Roosevelt's second inauguration, network microphones were placed at strategic points throughout Washington, and the events were translated for foreign ears via short wave.

The special attention to U. S. news is of course supplemented by regular Press-Radio bulletins, broadcast at definite periods during the day and night. When sufficiently important news occurs, it is relayed to listeners the instant it is received, regardless of the scheduled show on the air at the time.

1938 Events

The year 1938 has given the radio audience three particularly exciting events. Chronologically, these were the Austrian Anschluss, the Hughes flight, and the

Czech crisis. I believe radio distinguished itself on all three occasions by its delivery of news-in-the-making to millions of eager listeners throughout the country. Elaborate hookups maintained contact with the capitals of Europe, the principals involved in each sequence of events brought their own views and impressions direct to the U. S. audience, and as never before, the people were kept constantly abreast of history as it was made.

Extra Costs

To accomplish results like those, we feel more than justified in the extra man-hours, money, and mental strain which were expended. During the chaotic 20 days of the Czech crisis alone, we completed 471 broadcasts from 18 European centers. Our ace interpreter of world news, H. V. Kaltenborn spent a total of 14 hours at the microphone in New York sifting the significance of last-minute happenings and relating fresh developments 85 times in those three weeks.

Conclusion

Perhaps the most spectacular of all news coverage achievements to date, this Czech affair is, however, just one more in the series of foreign events which the special events department brings to listeners. Others include the Coronation ceremonies, warfare in Ethiopia, Spain, and China, Vatican incidents, and worldwide celebrations of Christmas, Easter, and Armistice Day.

I have briefly recited the results obtained by the efforts of a special events department. By its very nature, it is a story that is never complete, for when crisis looms tomorrow—wherever it may strike—there too will be men and microphones.

RADIO DAILY

Second Annual Poll of the Radio Editors and Critics for 1938-9

(Released January 26, 1939)

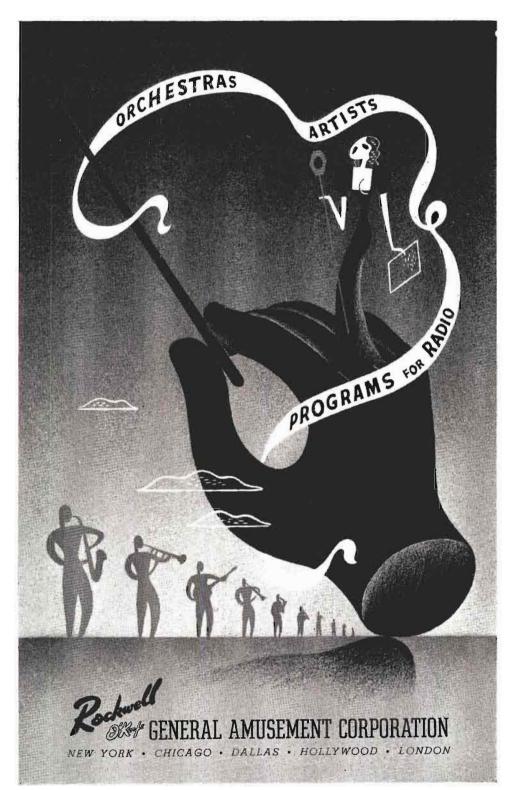


Programs __

Title Points
JELL-O 506
Chase and Sanborn
Kraft Music Hall
Town Hall Tonight
Information Please
Lux Radio Theater
Rudy Vallee Variety Hour
Ford Sunday Evening Hour
Kay Kyser's College
Good News of 1939

Personalities_

JACK BENNY	34
Edgar Bergen (Chas. McCarthy) 4	86
Bing Crosby 3	18
Fred Allen	14
Bob Hope	29
Bob Benchley	27
Kate Smith	26
Fanny Brice	10
Orson Welles	03
Rudy Vallee 1	01



RADIO DAILY POLL - Continued

Title	F	Points
NBC SYMPHONY		529
N. Y. Philharmonic-Symphony Society		519
Ford Symphony		286
Philadelphia Symphony		190
Firestone Symphony		135
Rochester Symphony		79
Cities Service		
Detroit Symphony		66
Boston Symphony		51
Cincinnati Symphony & Standard Symphony (L, A.)		29

Dance Orchestras-

GUY LOMBARDO Tommy Dorsey	
Kay Kyser	339
Benny Goodman	282
Wayne King	280
Horace Heidt	205
Noble Sissle l	161
Richard Himber	138
Paul Whiteman	126
Hal Kemp	124

News Commentators

H. V. KALTENBORN	ĺ.,						 							 		42
Edwin C. Hill				 										 		40
Lowell Thomas				 										 		39
Boake Carter				 										 		24
Paul Sullivan				 										 		13
Bob Trout				 										 		12
Walter Winchell							 							 		12
Gabriel Heatter				 										 		8
Dorothy Thompson				 			 							 		7
John B. Kennedy				 										 		4

Sports Commentators

	-																						
TED HUSING		 	 							 													51
Bill Stern																							
Clem McCarthy																							
Paul Douglas																							
Sam Taub																							
Red Barber																							
France Laux																							
Graham McNar																							
Ed Thorgersen .																							
Stan Lomax																							
Stair Lomax		 ٠.	 	• •	٠.	•	٠.	٠.	•	 •	٠.	•	•	•	•	 •	•	• •	•	٠	٠.	•	4

 \mathcal{F} or the **BEST** in

RADIO SHOWMANSHIP

We are proud to announce that

DON STAUFFER

(Formerly Vice-President in charge of radio at Young & Rubicam, Inc.)

has become associated with

BILL STUHLER

in our

Radio Division



The reunion of a team of successful advertising-trained Radio executives with a comprehensive and practical experience in all phases of Radio Broadcasting.

A. and S. LYONS, INC.

NEW YORK

HOLLYWOOD

Pan-American Conference

Lima — Nov. and Dec., 1938

LATE in 1938 a Pan American Conference was held in Lima, Peru, to better facilitate the Good-Will program between nations. One important phase of the Conference concerned itself with the broadcasting industry, and the value of international broadcasting between the United States and Latin-America as a means of promoting good will. Out of this conference emerged the first important nucleus for a program of exchange broadcasts between the countries involved.

During 1939, the most comprehensive exchange of radio fare in the history of broadcasting will come into being according to the new radio pact. Important cog in the United States will be the National Broadcasting Co., who, through its vice president in charge of programs, John F. Royal, attended the conference, and set the details for the exchange of cultural, educational and entertainment programs.

Under the terms of the "gentleman's agreement" all NBC programs will be short-waved to Latin-America in the course of 1939, and for the first time, they will be available to all radio stations in the entire country for rebroadcasting purposes. It was discovered during the course of the Conference that at the time very few of the programs shortwaved to Latin-America were available for rebroadcast. With 2,000,000 sets in use in that area, it was also discovered that only one-third of that number were equipped to pick up short wave. Under the new agreement, practically every major program aired over NBC this year will be assured of a huge listening audience in Latin America.

One very serious problem that has confronted U. S. broadcasters, that of picking up broadcasts from Latin-America for re-broadcast in this country, was also settled at the Conference. In the past,

stations, have been too weak in signal strength to transmit programs as far North as the United States. Poor pick-up problem has been eliminated, however, through the construction of a number of new powerful transmitters which will be placed in operation early this year.

Program matter emanating from the Latin America countries is of the highest quality in most cases, and under the new agreement, many of the better shows will be aired in English as well as Spanish in order to build audiences in the U. S. NBC has established a strong international broadcast staff to cope with the language problem, and while CBS is not directly included in the Pan-American agreement, that network too, because of its huge short-wave schedule, has also built up its international division until it is now a major department at the network.

Conclusions reached at the Pan-American Conference have opened an entirely new phase of broadcasting to both the advertisers and the broadcasters in this country. Advertisers are now assured of an added bonus audience that will number in the millions, and broadcasters will have at their beck and call a new avenue of programming, which will include some of the finest educational and cultural fare to be found in the world.

IMPORTANT RADIO

TELEPHONE NUMBERS

in NEW YORK



RADIO STATIONS

KGKO (N. Y. Office) WABC WARD WBBC WBBR WBNX WCAU (N. Y. Office) WCNW WEAF WEVD-WFAB WFAS WFIL (N. Y. Office) WGN (N. Y. Office)	. WIckersham . TRiangle . TRiangle . MAin . MEIrose WIckersham . INgersoll . CIrcle . BRyant . WIsconsin . BRyant VAnderbilt VAnderbilt	2-2000 5-3301 5-6690 4-9735 5-0333 2-2000 2-1500 7-8300 9-2360 7-2299 9-9390 3-9292 6-0785
WCNW	INgersoll	2-1500
		9-2360
WHN		9-7841
WHOM	PLaza	3-4204
WINS	ELdorado	5-6100
WJZ		7-8300
WLTH		4-1203
WLW (N. Y. O.fice)		4-4528
WMBQ		2-9037 6-2200
WNBF (N .Y. Office)		2-5767
WNLW		
WNYC		2-4740
WOR		6-8383
WOV-WBIL	BRyant	9-6080
WPG		2-2046
WQXR		5-6366
WVFW		5-0313
WWRL	NEWTOWN	7-3300

NATIONAL NETWORKS

Columbia Broadcasting SystemWlckersham	2-2000
Mutual Broadcasting System PEnnsylvania	6-9602
National Broadcasting CoClrcle	7-8300

STATION REPRESENTATIVES

317111011 110111111111111111111111111111	
Associated Broadcast Adver-	
tising Co	7-2299
John Blair & Co	9-6084
The Branham CoMUrray Hill	6-1860
Bryant-Griftith & Brunson, IncMUrray Hill	2-2174
Burn-Smith Co MUrray Hill	2-7462
Cox & Tanz	2-8284
John G. Dale	2-8219
Forjoe & CoVAnderbilt	3-8950
Free & Peters, Inc PLaza	5-4131
Gene Furgason & Co., Inc MUrray Hill	2-3734
Hearst Radio, IncPLaza George P. Hollingbery CoMUrray Hill	8-2600
George P. Hollingbery CoMUrray Hill	3-8078
International Radio SalesPLaza	8-2600
The Katz AgencyLOngacre	5-4595
Kelly Smith Co	4-2434
Joseph Hershey McGillvraVAnderbilt	
J. P. McKinney & Son	
National Broadcasting CoCIrcle	7-8300
John H. Perry Associates BRyant	9-3357
Edward Petry & CoMUrray Hill	2-4401
Radio Advertising Corp MUrray Hill	4-0212
Radio Sales	
William G. Rambeau CoCAledonia	
Paul H. Raymer CoMUrray Hill	
Reynolds-Fitzgerald, Inc ELdorado	
Sears & Ayer	2-2046
Weed & CoVAnderbilt	
Howard A. Wilson Co	6-1230

ADVERTISING AGENCIES

Advertisers' Broadcasting Co Murray	Hill	4-1364
Austin & Spector Eldo	rado	5 1270
Advertisers' Broadcasting Co MUrray Austin & Spector ELdo N. W. Ayer & Son, Inc CHicke Badger & Browning & Hersey C	rauo	1 5400
N. W. Ayer & Son, Inc CHicke Badger & Browning & Hersey. C. C. Batten, Barton, Durstine & Osborn, Inc ELdo Benton & Bowies, Inc WIckers Bermingham, Castleman & Pierce, Inc LExin The Biow Co., Inc C. Blackett-Sample-Hummert, Inc. WIckers Blackstone Co Caled Brayshan Associates VAnde Brooke, Smith, French & Dorrance, Inc MUrray Brown & Tarcher, Inc MUrray Brown & Tarcher, Inc CBuchanan & Co Murray Brown & Tarcher, Inc CBuchanan & Co Murray Cocil-Presbrey, Inc WIckers Compton Advertising Inc COlumban Bruck Advertising Inc COlumban Bruck Advertising Inc	ering	4-5600
Radger & Browning & Hersey C	Ircla	7-3720
Dauger O browning O Hersey	IICIC	7-3720
Batten, Barton, Durstine & Osborn,		
Inc El do	rado	5-5800
D . C D	1000	3-3000
Benton & Bowies, Inc Wickers	sham	Z-0400
Rormingham Castleman & Pierce		
bermingham, Castleman o Herce,		
IncLExin	gton	Z-7550
The Richy Co. Inc.	Ĭrelo	6 0200
The blow co., Inc	ircie	0-2300
Blackett-Sample-Hummert, Inc., Wickers	ham	2-2700
Plackstone Co	Inala	7 7000
Diackstone Co	ircie	1-1070
Blaker Advertising Agency	onia	5-7351
Parada Armaiaka	-L:14	C 34F0
braysnan Associates VAnde	rDIII	6-2450
Brooke, Smith, French & Dorrance.		
la -	111111	c 1000
Inc	пш	0-1000
Brown & Tarcher Inc	Irclo	6-2626
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Franklin Bruck Advertising Corp C	lrcle	7-7661
Ruchanan & Co MEda	Hion	3 3380
Duchanan O Co	111011	3-3300
Campbell-Ewald Co. of N. Y	Ircle	7-6383
The Caples Co Milway	Hill	6 6500
The Capies Co	пш	0-6500
Cocil-Presbrev. Inc Wickers	sham	2-8200
Commenter Administration Inc.	Locate	< 3000
Compton Advertising Inc	ircie	6-2800
D'Accy Advertising Co Fl.do	rado	5_3765
P Airty Advertising Co	iauo	5-3703
Donahue & Coe, Inc	nbus	5-4252
Sharman & Ellie Co Ackawa		4 3570
Sherman & Lins Co	anna	4-33/0
Erwin, Wasev & Co	awk.	4-8700
William Fator C. Ca. CAlad	:-	5-1900
William Esty & CoCAled	опіа	2-1300
Federal Advertising Agency Inc Eldo	rado	5-6400
All t Cont County I don't Cont		7 5060
Albert Frank-Guenther Law, IncCort	iana	7-5060
Fullar & Smith & Pass Inc Mileray	Hill	6-5600
ruller o silitili o Ross, filewioliay		0-3000
Gardner Advertising Co	nbus	5-2000
Gardner Advertising Co	nbus	5-2000
Gardner Advertising Co	nbus Hill	5-2000 6-4800
J. Stirling Getchell, Inc	nbus Hill ham	5-2000 6-4800 2-5400
Gardner Advertising Co	Hill ham	5-2000 6-4800 2-5400
Gardner Advertising Co COlum J. Stirling Getchell, Inc MUrray Gcyer, Cornell & Newell, Inc Wickers Lawrence C. Gumbinner Co VAnde	nbus Hill sham rbilt	5-2000 6-4800 2-5400 3-3550
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Gardner Advertising Co. COlum J. Stirling Getchell, Inc	nbus Hill sham rbilt gton rbilt nbus sham	5-2000 6-4800 2-5400 3-3550 2-3080 3-4690 5-6135 2-2740 2-3920
Gardner Advertising Co. COlun J. Stirling Getchell, Inc. MUrray Ceyer, Cornell & Newell, Inc. Wickers Lawrence C. Gumbinner Co. VAnde Hellwig-Miller Co. LExin Charies W. Hoyt Co., Inc. VAnde H. W. Kastor & Sons Advertising Co. COlun Joseph Katz Co. Wickers Kenyon & Eckhardt, Inc. Wickers	nbus Hill sham rbilt gton rbilt mbus sham sham	5-2000 6-4800 2-5400 3-3550 2-3080 3-4690 5-6135 2-2740 2-3920
Gardner Advertising Co. COlum J. Stirling Getchell, Inc	nbus Hill sham rbilt gton rbilt mbus sham sham	5-2000 6-4800 2-5400 3-3550 2-3030 3-4690 5-6135 2-2740 2-3920
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Gardner Advertising Co. COlum J. Stirling Getchell, Inc	Hill sham rbilt gton rbilt mbus sham gton Ircle	5-2000 6-4800 2-5400 3-3550 2-3080 3-4690 5-6135 2-2740 2-3920 2-0025 6-3200
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Joseph Katz Co. WIckers Kenyon & Eckhardt, Inc. WIckers H. M. Kiesewetter Advertising Agency, Inc. LExin Arthur Kudner, Inc. C Lambert & Feasley, Inc. COlur Lennen & Mitchell Inc. Murray	sham sham gton Ircle nbus Hill	2-2740 2-3920 2-0025 6-3200 5-3721 2-9170
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Joseph Katz Co. Wickers Kenyon & Eckhardt, Inc. Wickers H. M. Kiesewetter Advertising Agency, Inc. LExin Arthur Kudner, Inc C Lambert & Feasley, Inc COlur Lennen & Mitchell, Inc MUrray Lord & Thomas Wickers Marschalk & Pratt, Inc VAnde	sham sham gton Ircle nbus Hill sham rbilt	2-2740 2-3920 2-0025 6-3200 5-3721 2-9170 2-6600 3-1525 2-7450
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Joseph Katz Co. Wickers Kenyon & Eckhardt, Inc. Wickers H. M. Kiesewetter Advertising Agency, Inc. LExin Arthur Kudner, Inc C Lambert & Feasley, Inc COlur Lennen & Mitchell, Inc MUrray Lord & Thomas Wickers Marschalk & Pratt, Inc VAnde	sham sham gton Ircle nbus Hill sham rbilt	2-2740 2-3920 2-0025 6-3200 5-3721 2-9170 2-6600 3-1525 2-7450 5-2930
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Joseph Katz Co. Wickers Kenyon & Eckhardt, Inc. Wickers H. M. Kiesewetter Advertising Agency, Inc. LExin Arthur Kudner, Inc C Lambert & Feasley, Inc COlur Lennen & Mitchell, Inc MUrray Lord & Thomas Wickers Marschalk & Pratt, Inc VAnde	sham sham gton Ircle nbus Hill sham rbilt	2-2740 2-3920 2-0025 6-3200 5-3721 2-9170 2-6600 3-1525 2-7450 5-2930 2-1700
Joseph Katz Co. Wickers Kenyon & Eckhardt, Inc. Wickers H. M. Kiesewetter Advertising Agency, Inc. LExin Arthur Kudner, Inc C Lambert & Feasley, Inc COlur Lennen & Mitchell, Inc MUrray Lord & Thomas Wickers Marschalk & Pratt, Inc VAnde	sham sham gton Ircle nbus Hill sham rbilt	2-2740 2-3920 2-0025 6-3200 5-3721 2-9170 2-6600 3-1525 2-7450 5-2930 2-1700 7-4231
Joseph Katz Co. Wickers Kenyon & Eckhardt, Inc. Wickers H. M. Kiesewetter Advertising Agency, Inc. LExin Arthur Kudner, Inc C Lambert & Feasley, Inc COlur Lennen & Mitchell, Inc MUrray Lord & Thomas Wickers Marschalk & Pratt, Inc VAnde	sham sham gton Ircle nbus Hill sham rbilt	2-2740 2-3920 2-0025 6-3200 5-3721 2-9170 2-6600 3-1525 2-7450 5-2930 7-4231 4-4900
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Joseph Katz Co. Wickers Kenyon & Eckhardt, Inc. Wickers H. M. Kiesewetter Advertising Agency, Inc. LExin Arthur Kudner, Inc. C. Cambert & Feasley, Inc. COlur Lennen & Mitchell, Inc. MUrray Lord & Thomas. Wickers Marschalk & Pratt, Inc. VAnde J. M. Mathes, Inc. ELdo McCann-Erickson, Inc. ELdo McCann-Erickson, Inc. Co. Co. Co. Co. Co. Co. Co. Co. Co. Co	sham sham gton ircle nbus Hill sham rbilt gton ircle sland lonia Laza r Hill Laza lawk kland Hill Hill	2-2740 2-3920 2-0025 6-3200 5-3721 2-9170 2-6600 3-1525 2-7450 5-2930 2-1700 7-4231 4-4900 5-7705 3-6400 3-7444 4-7700 4-1690 5-2032 6-4000
Joseph Katz Co. Wickers Kenyon & Eckhardt, Inc. Wickers H. M. Kiesewetter Advertising Agency, Inc. LExin Arthur Kudner, Inc. C. Cambert & Feasley, Inc. COlur Lennen & Mitchell, Inc. MUrray Lord & Thomas. Wickers Marschalk & Pratt, Inc. VAnde J. M. Mathes, Inc. ELdo McCann-Erickson, Inc. ELdo McCann-Erickson, Inc. Co. Co. Co. Co. Co. Co. Co. Co. Co. Co	sham sham gton ircle nbus Hill sham rbilt gton ircle sland lonia Laza r Hill Laza lawk kland Hill Hill	2-2740 2-3920 2-0025 6-3200 6-3200 5-3721 2-9170 3-1525 2-7450 5-2930 2-1700 7-4231 4-4900 3-9700 3-7404 4-7700 4-1690 5-2032 6-4000
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Joseph Katz Co. Wickers Kenyon & Eckhardt, Inc. Wickers H. M. Kiesewetter Advertising Agency, Inc. LExin Arthur Kudner, Inc. C. Cambert & Feasley, Inc. COlur Lennen & Mitchell, Inc. MUrray Lord & Thomas Wickers Marschalk & Pratt, Inc. VAnde J. M. Mathes, Inc. LExin Maxon, Inc. ELdo McCann-Erickson, Inc. LExin Neff-Rogow, Inc. C. Cewell-Emmett Co. Inc. ASh	sham gton gton incle nbus Hill sham rbilt gton lrcle gland lonia Laza r Hill Laza lawk kland Hill Hill Hill	2-2740 2-3920 2-0025 6-3200 5-3721 2-9170 2-6600 3-1525 2-7450 5-2930 2-1700 7-4231 4-4900 5-7705 3-6400 3-7444 4-7700 4-1690 5-2032 6-4000

PUBLICATIONS

Advertising Age BRyant 9-6432
Advertising & Selling CAledonia 5-9770
Billboard MEdallion 3-1616

Broadcasting and Broadcasting Adver-	Lilian Okun, Inc
tisingPLaza 5-8355	Peterson Radio ProductionsWIsconsin 7-0069
Hollywood Reporter	Radio Attractions
Metronome	Radiocrafters
Motion Ficture Daily	Radio Events SyndicateMUrray Hill 6-3487
Musical America CIrcle 7-0522 Musical Courier CIrc.e 7-4500	Radio Production Service
Musical Courier	Radio Program Associates ELdorado 5-4227
Printers' Ink AShland 4-6500	Radioscript Productions Co Clrcle 7-2849
Radio Advertising (Rates and Data) . MOhawk 4-1220	RCA Manufacturing Co BOgardus 4-6200
Radio CraftWAlker 5-0730	Reeves Sound Studios
RADIO DAILYWIsconsin 7-6336	Rocke Productions, Inc
KADIO DAILI	James L. Saphier
Radio & Electric Appliance JournalClrcle 7-5842	Henry Souvaine, Inc
Radio MarketsPLaza 3-7222	Speed O Dispa Propoding S
Radio Retailing	Equipment Co
Radio TodayPLaza 3-1340	Star Radio Frograms
Radio Weekly	Douglas F Storer Circle 7-7677
Standard Advertising RegisterMEdallion 3-5850	Douglas F. Storer
Tide	Transamerican Broadcasting &
VarietyBRyant 9-8153	Television Corp MIlrray Hill 6-2370
	Transcribed Radio Shows, Inc LOngacre 5-3440
NEWS AGENCIES AND ASSOCIATIONS	Transcriptions, Inc
Associated Press	Transradio News Features, Inc
International News ServiceMUrray Hill 2-0131	T-W Radio ProductionsMUrray Hill 2-4111
NEA Service, Inc	Universal Radio ProgramsMUrray Hill 2-0648
News Features, Inc	Universal Recording Co CIrcle 5-4895
Press-Radio BureauMUrray Hill 2-56/0	Universal Recording Co Clrcle 5-4895 Victor Recording Laboratory BOgardus 4-6200
Radio News Association MUrray Hill 2-4054	Viking Radio Productions PEnnsylvania 6-1137 Roger White Clrcle 7-4943
Transradio Press Service, IncMUrray Hill 2-4054	Roger White
United PressMUrray Hill 2-0400	Wilson, Powell & Hayward, IncPLaza 5-5480
TALENT AGENCIES	Wilson, Powell & Hayward, Inc. PLaza 5-5480 Wolf Associates
	WOR Electrical & Recording
James Appell	ServicePEnnsylvania 6-8383
Associated Orchestras of America. VAnderbilt 6-4555	World Broadcasting SystemWlckersham 2-2100
Authors & Artists, Inc	ORGANIZATIONS, UNIONS AND
Ayers-Prescott	GOVERNMENT AGENCIES
Batchelor Enterprises, Inc	Actors' EquityBRyant 9-3550
Chamberlain Brown BRyant 9-8480	Advertising Club
Columbia Artists Inc Wickersham 2-2000	Advertising Federation of AmericaBRyant 9-0430
Columbia Concerts Corp	American Association of Advertising
Consolidated Radio Artists, IncCOlumbus 5-3580	Agencies
Meyer Davis Clicle 7-6161	American Communications
Fanchon & Marco	AssociationBOwling Green 9-3007
Fanchon & Marco	American Federation of
Hesse & McCaffreyELdorado 5-1076	MusiciansPEnnsylvania 6-2545
Leading Attractions, Inc	Musicians
Ben B. Lipset, Inc	Artists
A. & S. Lyons, IncLAckawanna 4-7460	ASCAP
Mills Artists, Inc	Institute of Radio EngineersMEdallion 3-5661 M. P. P. A
William Morris Agency, Inc	M. P. P. ACIrcle 6-3084
Leo Morrison, Inc	National Association of Performing
Music Corporation of America Wickersham 2-8900	Artists Circle 7-8194
NBC Artists Service	National Labor Relations BoardCOrtland 7-6860
Pockwell-O'Koofo Inc Circle 7-7550	New York World's Fair 1939, IncBRyant 9-6000 Radio Club of AmericaLOngacre 5-6622
Rockwell-O'Keefe, Inc CIrcle 7-7550 Myron Selznick Co. of N. Y CIrcle 7-6201	S. E. S. A. C
Rudy Vallee Orchestra Units CorpClrcle 7-2620	Society of Jewish Composers, Publishers
Wilson, Powell & Hayward, IncPLaza 5-5480	and Song Writers 1 Ongacre 5-9124
WOR Artists BureauPEnnsylvania 6-8383	and Song WritersLOngacre 5-9124 Songwriters' Protective AssociationCOlumbus 5-3758
PROGRAM PRODUCERS AND TRANSCRIPTION	RAILROAD TERMINALS
AND RECORDING COMPANIES	Grand Central
A. A. Recording Studios EDgecombe 4-7600	PennsylvaniaPEnnsylvania 6-5600
Advertisers Recording Service	HOTELS
Aerogram Corp. Clrcle 7-0650	AlgonquinVAnderbilt 3-2500
Air Features, Inc	Ambassador Wlckersham 2-1000
	Ambassador Wickersham 2-1000 Astor Circle 6-6000
Associated Music Publishers, Inc. BRyant 9-0847 Ayers-! rescott COlumbus 5-2482	Biltmore MUrray Hill 2-7920 Commodore MUrray Hill 6-6000
Ayers-, rescott	Commodore
Baidwin Recording Studios	Edison
Brinckerhoff & Co	Lincoln
Carnegie Hall Recording Studios COlumbus 5-5893	New Yorker MEdallion 2-1000
Ted Collins Clycle 7,0004	Lombardy Plaza 3-8600 New Yorker MEdallion 3-1000 New Weston Plaza 3-4800
Ted Collins	Park Central
Decca Records Inc. COlumbus 5-5662	Pennsylvania PEnnsylvania 6-5000
Empire Broadcasting CorpPLaza 8-3360	PlazaPLaza 3-1740
Empire Broadcasting Corp. PLaza 8-3360 Federal Transcribed Programs, Inc. CAledonia 5-7530	Ritz CarltonPLaza 3-4600
H. S. Goodman	Ritz Carlton
lean V Grombach Inc. Circle 6-6540	Roosevelt
Heffelfinger Radio Features MUrray Hill 2-1379	St Mority Wickersham 2-5800
Intercontinental Audio Video Corp. Clrcle 7-4560	St. RegisPLaza 3-4500
Heftelfinger Radio Features MUrray Hill 2-1379 Intercontinental Audio Video Corp. CIrcle 7-4560 Langlois & Wentworth ELdorado 5-1620 Phillips H. Lord, Inc WIckersham 2-2213	St. Regis Plaza 3-4500 Savoy Plaza VOlunteer 5-2600 Sherry Netherland VOlunteer 5-2800
Charles Micheles Mich	Sherry NetherlandVOlunteer 5-2800
Charles Michelson MUrray Hill 2-3376 Musicraft Records, Inc BRyant 9-6565	Vanderbilt
Ministeral Recolus, Inc	
NBC Thesaurus	Warwick

IMPORTANT RADIO

TELEPHONE NUMBERS

in LOS ANGELES



RADIO STATIONS

KECARIchmond	6111
KEHÉ EXposition	1341
KFACFltzroy	1231
KFIRIchmond	6111
KFOXMUtua	2510
KFSGEXposition	1141
KFVDDRexe	2391
KFWBHOllywood	5315
KGER MAdisor	2551
KGFJPRospect	2434
KHJVAndyko	7111
KIEVOMaha	3-4191
KMPCBRadshaw 2	2-1166
KMTRHIllside	1161
KNXHOllywood	2484
KOY-Arizona Net (L. A. Office)GRanite	0702
KRKDMAdisor	2281
XEMO (L. A. Office)	9136

NETWORKS

California	Radio	System		 .	EXposition	1341
Columbia	Broadca	sting	Systen	n	HOllywood	2484
Between	10 P.N	1. and	8:30	A.M	HOllywood	7052
Don Lee	Broadca	sting	System	1	VAndyke	7111
Mutual Br	oadcasti	ing Sys	stem		VAndyke	7111
National B	roadcas	ting Co	D		HOllywood	3631

STATION REPRESENTATIVES

Walter Biddick Co	6184
John Blair & CoPRospect	3548
The Branham Co	1269
W. Austin Campbell Co	3875
Free & Peters, IncRIchmond	6184
International Radio SalesEXposition	1345
Joseph Hershey McGillvraVAndyke	6336
National Broadcasting CoHOllywood	3631
Edward Petry & CoMlchigan	8729
Radio Sales	2484
Reynolds-Fitzgerald, Inc TUcker	2474

ADVERTISING AGENCIES

Alber R. H. CompanyPRospect	3331
Barnes Chase CoPRospect	4118
Batten, Barton, Durstine & OsbornHillside	8919
Beaumont & HohmanTRinity	8173
Benton & Bowles Inc	9151
Botsford, Constantine & GardnerPRospect	0 2 06
Brisacher, Emil & StaffPRospect	9 368
Buchanan & Company, IncDRexel	7101
Campbell-Ewald Company	1275
The Caples Co MUtual	4143

Doremus & CoTRinity	8821
Sherman K. Ellis & CoFEderal	9111
Erwin, Wasey & CompanyPRospect	5317
Hillman-Shane Advertising Agency Inc VAndyke	5111
Hixson-O'Donnell AdvertisingMUtual	8331
William A. Ingoldsby	7451
Lockwood-Shackelford Advertising	
AgencyTRinity	9801
Logan & StebbinsTRinity	8821
Lord & ThomasHOllywood	6265
McCann-Erickson Inc MIchigan	4049
Miner, Dan BRlchmond	3101
Morgan, Raymond R. Co	4194
Neisser-Meyerhoff, IncTUcker	2607
Ruthrauff & Ryan Inc	7593
Scholts Advertising ServiceMlchigan	2396
Shattuck & EttingerYOrk	8131
Sweeney & JamesJEfferson	4019
Thompson, J. Walter Co Michigan	5194
Ward Wheelock Co	1091
Weinberg, Milton, Advertising CoTUcker	4111
Young & Rubicam Inc	2734

PROGRAM PRODUCERS AND TRANSCRIPTION AND RECORDING COMPANIES

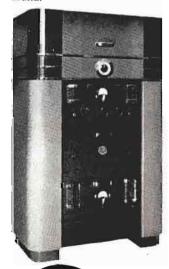
Abbott Radio Productions HIllside 1449 Aerogram, Inc. HIllside 7211 Air-Chek Co. GLadstone 2189 Allied Phonograph & Record Mfg. Co. HOllywood 5107 American Record Corp. GRanite 4134 Associated Cinema Studios HEmpstead 2131 Associated Transcriptions of Hollywood. WAlnut 4736 Walter Biddick Co. RIchmond 6184 Callahan Radio Programs HOllywood 5442 Eccles Disc Recordings HIllside 5257 Electro-Vox Recording Studios GLadstone 2189 Fanchon & Marco HOllywood 5341 Fields Bros. Radio Corp. HOllywood 5341 Fields Bros. Radio Corp. HOllywood 7305 Irving Fogel & Associates HOllywood 5107 Hollywood Radio Productions GRanite 6790 Hollywood Recording Co. HIllside 3097 Hollywood Recording Co. HOllywood 77304 Lippe & Lazarus Productions YOrk 2901 C. P. MacGregor Fltzroy 4191 R. U. McIntosh & Associates STanley 7-1035 Mertens & Price DRexel 1118 Raymond R. Morgan Co. HEmpstead 4194 Music Corporation of America BRadshaw 2-3211 Norman B. Neeley Hillside 9133 Otto K. Oleson Recording Studios GLadstone 5194 Pan American Radio HIllside 4027 Radio Producers of Hollywood HOllywood 3917 Radio Producers of Hollywood HOllywood 3917 Radio Producers of Hollywood HOllywood 3917 Radiotone, Inc. YOrk 7204		
Air-Chek Co. GLadstone 2189 Allied Phonograph & Record Mfg. Co. HOllywood 5107 American Record Corp. GRanite 4134 Associated Cinema Studios HEmpstead 2131 Associated Transcriptions of Hollywood. WAlnut 4736 Walter Biddick Co. RIchmond 6184 Callahan Radio Programs HOllywood 5442 Eccles Disc Recordings HIllside 5257 Electro-Vox Recording Studios GLadstone 2189 Fanchon & Marco HOllywood 5341 Fields Bros. Radio Corp. HOllywood 5341 Fields Bros. Radio Corp. HOllywood 5107 Hollywood Radio Productions GRanite 6790 Hollywood Radio Productions GRanite 6790 Hollywood Transcript Co. HOllywood 7734 Lippe & Lazarus Productions YOrk 2901 C. P. MacGregor Fltzroy 4191 R. U. McIntosh & Associates STanley 7-1035 Mertens & Price DRexel 1118 Raymond R. Morgan Co. HEmpstead 4194 Music Corporation of America BRadshaw 2-3211 Norman B. Neeley HIllside 9133 Otto K. Oleson Recording Studios GLadstone 5194 Pan American Radio HIllside 4027 Radio Producers of Hollywood . HOllywood 6288 Radio Recorders, Inc. HOllywood 3917	Abbott Radio Productions	49
Allied Phonograph & Record Mfg. Co. HOllywood 5107 American Record Corp	Aerogram, Inc	11
American Record Corp	Air-Chek CoGLadstone 213	89
Associated Cinema Studios	Allied Phonograph & Record Mfg. Co. HOllywood 519	07
Associated Transcriptions of Hollywood. WAlnut 4736 Walter Biddick Co. RIchmond 6184 Callahan Radio Programs. HOllywood 5442 Eccles Disc Recordings HIllside 5257 Electro-Vox Recording Studios GLadstone 2189 Fanchon & Marco. HOllywood 5341 Fields Bros. Radio Corp. HOllywood 7305 Irving Fogel & Associates HOllywood 5107 Hollywood Radio Productions GRanite 6790 Hollywood Recording Co. HIllside 3097 Hollywood Transcript Co. HOllywood 7734 Lippe & Lazarus Productions YOrk 2901 C. P. MacGregor Fltzroy 4191 R. U. McIntosh & Associates STanley 7-1035 Mertens & Price DRexel 1118 Raymond R. Morgan Co. HEmpstead 4194 Music Corporation of America BRadshaw 2-3211 Norman B. Neeley HIllside 9133 Otto K. Oleson Recording Studios GLadstone 5194 Pan American Radio HIllside 4027 Radio Producers of Hollywood . HOllywood 6288 Radio Recorders, Inc. HOllywood 3917	American Record CorpGRanite 41.	34
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Radio Transcriptions Co. of America Hollywood 3545	HOTELS
RCA Manufacturing Co	Ambassador Hotel
Rec-Art StudiosPRospect 9232	Biltmore Hotel
Recordings, Inc	Christie Hotel
Standard Radio, Inc	Clark Hotel
Transamerican Broadcasting &	Del Monte Hotel (L. A. Offices) EXposition 9767
Television Corp	Ensenada Hotel PlayaMUtual 5544
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Witte Radio ProductionsVAndye 5436	Hollywood Hotel
	Hollywood KnickerbockerGLadstone 3171
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Batchelor Agency, Walter CRestview 1-8181	The Town House EXposition 1234
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Columbia Management of CalifHOllywood 6385	
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Dolan & Doane	IMPORTANT RADIO AND GOVERN-
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Lee Artists Service, ThomasGRanite 7171	William State
Lyons, A. & SOXford 1116	
Morris Agency, William BRadshaw 6-3121	
Morrison, Leo	FEDERAL DEPARTMENTS AND AGENCIES
Music Corporation of AmericaBRadshaw 2-3211	
NBC Artists Service	White House
Rockwell-O'Keefe, Inc	State Department
Saphier, James L	
Selznick, Myron	War Department
Swanson, H. N CRestview 1-5115	Post Office Department
	Navy Department
PUBLICATIONS	Interior Department
	(Office of Education)REpublic 1820
The Billboard	Agriculture DepartmentD1strict 6350
The Broadcaster	Commerce Department
Broadcasting & Broadcast Advertising	Labor DepartmentNAtional 8472
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Hollywood Reporter	FEDERAL COMMUNCATIONS
Motion Picture Daily	COMMISSION
Printers' Ink	Securities Exchange Commission District 3633
Radio & Radio Digest	National Labor Relations BoardNAtional 9716
11210 0 111110 1130011111111111111111111	Wage & Hour AdministrationNAtional 8472
RADIO DAILYGRanite 6607	Social Security Board
Radio Guide	Supreme Court of the U. SNAtional 5321
VarietyHOllywood 6141	D. C. Court of AppealsNAtional 4624
Western AdvertisingVAndyke 6320	U. S. District Court (for D. C.) District 2854
	Capitol (Senate and House)NAtional 3120
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Grand Central Air TerminalOMaha 3-4222	Radio Manufacturers' AssociationNAtional 4901
Los Angeles Municipal AirportTHornwald 1126	National Press ClubMEtropolitan 0345
TWAMlchigan 8881	•
Union Air Terminal	WJSVMEtropolitan 3200
United Air LinesTRinity 4771	WMAL-WRC REpublic 4000
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CROPT 157114	Carleton HotelMEtropolitan 2626
SPORT ARENAS	Mayflower Hotel
American Legion	Raleigh HotelNAtional 3810
(Stadium-Hollywood)HOllywood 2951	Willard HotelNAtional 4420
Los Angeles Coliseum	Associated Bross
Gilmore Stadium	Associated Press
	International News ServiceNAtional 1733
RAILWAY TERMINALS	Transradio Press
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KSTP (Chicago office)SUPerior 8660	Cecil-Presbrey
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WBBM WHItehall 6000	Critchfield & CoSUPerior 3061
WBBM	Doremus & Co
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	Erwin, Wasey & Co., LtdRANdolph 4952
WCFL SUPerior 5300	Albert Frank-Guenther Law, IncDEArborn 8910
WCRW DIVersey 4440	Charles Daniel Frey CoSTAte 8161
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WGNSUPerior 0100	H. W. Kastor Advertising Co., Inc CENtral 5331
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WLS HAYmarket 7500	McJunkin Advertising CoSTAte 5060
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WSBC SEEly 8066	Rogers & SmithDEArborn 0021
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CTATION DEPOSED TATIVES	AND RECORDING COMPANIES
STATION REPRESENTATIVES	· · · · · · · · · · · · · · · · · · ·
John Blair & CoSUPerior 8660	Norman Alexandroff & CoWABash 6762
The Branham Co CENtral 5726	American Record CoSUPerior 5382
The Branham Co	Armand & L'Estelle
	Chicago Pocording Studios WERstor 7788
Rurn Smith Co. CENtral 4270	Chicago Recolding Studios WEDSTEL 7200
Burn-Smith Co	Chicago Recording Studios WEBster 7288 Conquest Alliance Co STAte 3348
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Burn-Smith Co	Conquest Alliance Co. STAte 3348 D'Arcy Laboratories WEBster 0914 Decca Records Inc. DELaware 8800
Burn-Smith Co. CENtral 4270 Cox F Tanz FRAnklin 2095 John G. Dale DEArborn 0351 Free F Leters FRAnklin 6373 Gene Furgason STAte 5241	Conquest Alliance Co
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Burn-Smith Co. CENtral 4270 Cox & Tanz. FRAnklin 2095 John G. Dale DEArborn 0351 Free & Teters FRAnklin 6373 Gene Furgason & Company STAte 5241 George P. Hollingbery STAte 2898 International Radio Sales CENtral 4547 The Katz Agency CENtral 4238	Conquest Alliance Co
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See Those Shavings

NO FOULING OF CUTTING NEEDLE WHEN YOU RECORD ON THESE NEW BLACK LABEL (PROFESSIONAL)

Perma Disks

Amazing! the way Perma Disk shavings hurry towards the center of the disk, keep entirely clear of the cutting stylus. Little or no brushing required. Spoilage by chip fouling completely eliminated. That's why radio stations, artists, advertising agencies, -everyone to whom faithful, economical recordings are essential,—are using the new Perma Disk. Heavy, exclusive formula, coating on 16 gauge aluminum, prevents warping, slipping. Unwavering uniformity. Makes perfect pressings. Non-deteriorating. Sufficient thickness for vertical cutting of high amplitudes. Made in 6, 8, 10, 12 and 16-inch sizes, also special larger sizes, at prices substantially below the average level. Here is a disk for professional use that is perfect in all respects and can be depended upon for complete uniformity and reliability. See your recording supply dealer for a demonstration of this amazing new Perma Disk, or write direct for full information and samples. One test will convince you of its extraordinary preference. Write today.

Throw a Switch and Take Any Program Off the Air

- 1. High Fidelity Recorder
- 2. Public Address System
- 3. Electric Phonograph
- 4. Standard Radio

Tune in with the radio and you can record anything that comes over the air, quickly, easily, economically, for immediate playback, permanent record. The four-way Federal Recorder is the lowest priced, quality combination equipment today. Inspect this truly modern instrument for home or professional use. Write at once for complete, illustrated folder showing all models of the

FEDERAL RECORDER CO., INC. Dept. 3754 630 S. Wabash Ave., Chicago, III.

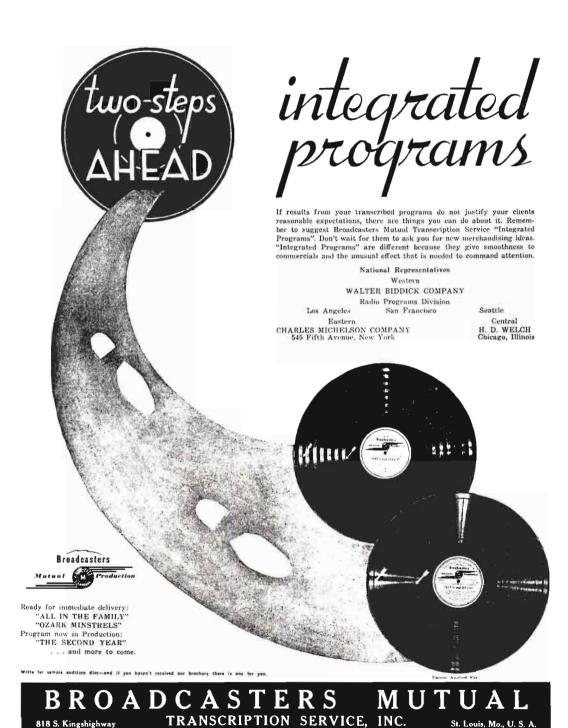


☆ 0f 1938 ☆



Thumbnail summaries of personalities whose activities provided major headlines in the past year.





86

FRANK R. McNINCH



Appointed chairman of the FCC late in 1937 to whip the Commission into order. McNinch went to work in earnest the past year, advocating the abolishment of some civil service jobs. handling the super-power hearings, and is currently in charge

of the network probe, investigating every phase of chain broadcasting. Working in a quiet, systematic manner, McNinch has accomplished practically everything he has set out to do.

LENOX R. LOHR



Continuing his policy of traveling throughout the country, Lohr was a busy executive during 1938 between catching trains. covering the opening of the new NBC studios in Hollywood. keeping a weather eye on the developments in television, addressing

organizations from coast-to-coast, and guiding the NBC to a new all-time high in billings each month individually and cumulative during 1938.

NEVILLE MILLER



Drafted from Princeton U. where he was assistant to the president, Miller took office as the first paid prexy of the NAB early in July, and immediately began an exhaustive study of radio's problems. Effecting a complete reorganization of the

staff, Miller was kept busy attending district meetings to get acquainted, played an active part in the AFM negotiations, assisted at the reorganization of IRNA.

DAVID SARNOFF

Despite the many duties surrounding the chief executive of RCA, Sarnoff took time off this year to make an announcement that RCA would market television sets in April, and that regular televised programs would forthcoming from the RCA-



NBC studios simultaneously. Always a keen believer in the possibilities of sight and sound transmission, Sarnoff continued to advocate television during 1938.

WILLIAM S. PALEY

Young Prexy of CBS put in a busy year in 1938 what with the network opening its new Hollywood home, construction of the television studios going forward, a quick trip to Europe, adding eight new affiliates to the network, and servicing 94,000,-000 radio listeners



day and night during the Czech crisis. In his spare time he continued his work in improving educational and cultural radio presentations on CBS.

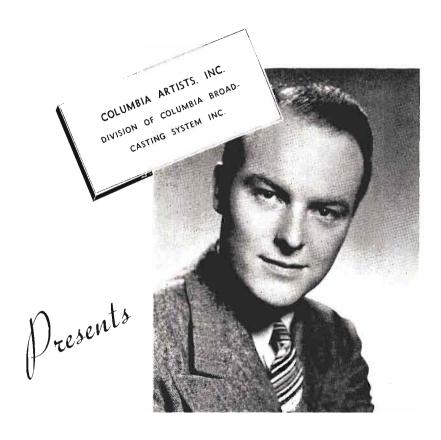
ALFRED I. McCOSKER

Rapid advances made during the past year by MBS can be attributed in no small measure to Alfred J. McCosker, president of Bamberger Broadcasting Co., owners of WOR, and chairman of the MBS Board. The network showed a 30.4% increase in

stations to 110.



billings for 1938, increased its affiliated



RALPH EDWARDS

Its Versatile Announcer

- "Major Bowes Amateur Hour" for Chrysler Corp.—CBS
- "Gospel Singer". "Vic and Sade".—NBC and "Life Can Be Beautiful".—CBS for Procter and Gamble.
- "Howie Wing" for Kellogg-CBS
- "Children's Hour" for Horn & Hardart—CBS
- "Headlines and Bylines"—CBS

THOMAS H. A. LEWIS



Outstanding in the agency field during 1938, Tom Lewis. of Young & Rubicam, started out the year as producer of the Kate Smith program, and was given much of the credit for the success of that series Last summer Lewis was named program supervi-

sor for the agency, which included handling of the Fred Allen, "We, the People," Kate Smith and Gulf Oil series among others. Then, to top off the year, he was appointed manager of the agency's radio division.

DONALD FLAMM

The moving of Donald Flamm's WMCA to its new Broadway home with one of the most complete and well-appointed studios in town took much of his time and energy this past year. Executing important business policies, developing and supervising pro-



gram ideas as well as keeping a sensitive hand on the public pulse took almost all of what time and energy were left. The Inter-City network also came in for its share of attention.

JOHN F. ROYAL



Duties as NBC vice-president in charge of programs kept John Royal, one of the busiest executives in the industry, on the go all year. FCC probe was high-spotted bу the appearance of Royal, and immediately after leaving the stand, he jumped into a

plane and spent 20 days in Latin America attending the Conference there.

VICTOR RATNER





move was the appointment of several sales-promotion managers at CBS owned stations

DR. LEON LEVY



As president of WCAU in Philadelphia, Leon Levy displayed untiring energy in extra curricular activities, such as joining the NAB and aiding in that body's reorganization, being one of the leaders in the formation of a strong Pennsylvania Broadcasters'

Assn., installed new high frequency station, and directional antennas for W3XAU, and fought the new state bill to prohibit horse race broadcasts.

IOHN S. YOUNG





feature every politically prominent figure and also arranged for many promotional airings.



2,565,000 Italo-Americans Located in New York, New England and Pennsylvania are waiting to be entertained in their mother tongue. We reach this market.

DRAMA

MUSIC

COMEDY

SCRIPT WRITING

Under the Direction of

Mr. Syd Leipzig



EDWARD KLAUBER



The executive vice president of CBS, continued with his duties as a member of the board of directors and his important duties as a v.-p. with a minimum of fanfare, as is his usual custom. One of the hardest workers during the European crisis, Klauber re-

mained in the background at all times, stepping briefly into the limelight when he took time off to introduce Edward Murrow, CBS foreign representative, to the industry when Murrow visited the U.S.

NILES TRAMMELL



Up until late in the fall, Niles Trammell was Still pounding away at higher NBC sales for the Central Division of which he was the vice-president in charge. Casting about for a suitable man for the revived and important position of executive vice-

president of NBC, the board of directors made a bid for Trammell.

JAMES D. SHOUSE



During his first year as vice president in charge of broadcasting for Crosley Corp., Shouse has put through drastic changes in policy and to some extent revamped the personnel setup of WLW and WSAI. As a constructive official, his efforts have already born

fruit for these two outlets in Cincinnati. Apart from the managerial duties for Crosley, Shouse had hectic business on his hands in connection with the so-called superpower hearing before the FCC.

MARK ETHRIDGE

Perhaps one of the best known figures in the radio picture. Mark Ethridge was a busy man the past year. As the temporary head of NAB, he worked long and hard on the re-organization of that body, made frequent hops into New York to assist the



broadcasters in their AFM negotiations, and was one of the spear-heads of the NAB Conventions. He is still very active in the NAB, and his counsel is valued highly in any important matters coming before the NAB.

LOUIS K. SIDNEY

Showman of considerable back-ground, Louis K. Sidney has spent most of his time on the Coast the past year, yet retaining his post as managing director of WHN, New York. His show business experience however is hard at work (along with him-



self) concentrating on the casting and production end of the MGM-Maxwell House Coffee "Good News of 1939" show.

ELLIOTT ROOSEVELT

Coming to New York from the Southwest to become president and general manager of Hearst Radio, Inc., Roosevelt did not linger longer after executing a reorganization of the Hearst concern. Early in the fall he organized the Texas State Net-



work of 23 outlets, affiliated with Mutual. As president of the new web, Roosevelt plans to expand the coverage shortly.

YOU WOULDN'T CALL US

YOU wouldn't call on us if you wanted a field signal strength test made for your station. You would want this done by someone who knows how and whose results would be accepted by advertisers and their agencies.

On the other hand, if you honestly want to determine the territory in which your station is listened to, you should call on us. Probably we have done more of this work than any other research organization since we did practically all of the field work for the joint Committee on Radio Research, and much for individual stations.

And, if you truly wish to know the listening habits of radio owners in your station city, you should by all means call on us to conduct a roster survey for you. This will give you your competitive situation for each quarter-hour in a week. It will show you where you are wasting money on sustaining periods, and give you the evidence which will enable you to sell outstanding sustaining shows.

If you want the facts about a single program ask us to study this by our new personal interview roster method. This is undoubtedly more accurate than the usual coincidental telephone method which necessarily omits a large part of the listening audience.

Broadcasters should consult Hooper-Holmes on survey work. You will find the advertising business will accept our results.

What is the Hooper-Holmes Bureau?

For 39 years (since 1899) this Bureau has been making confidential reports to insurance companies on applicants for all kinds of insurance. Most of these are made and written by trained Inspectors, all of whom are full-time salaried men. Their work is supervised by 80 Branch Offices. They regularly cover 11,075 cities and towns in their insurance work and their efforts are supplemented by 55,000 part-time correspondents.

THE HOOPER-HOLMES BUREAU, INC.

102 MAIDEN LANE, NEW YORK

FRED WEBER



Duties as general manager of the Mutual Network kept Fred Weber in the headlines throughout the year. Some of the accomplishments of the network under his direction included alltime high billings, addition of 35 stations to the web,

including the Texas State Network, improved programming and the acceptance of MBS as a major network.

LEWIS ALLEN WEISS



Continued activity in radio on the west coast kept Lew Weiss, general manager of the Don Lee network, on the go most of the year. what with that web's affiliation with MBS, and the continued high caliber of the programs which were forthcoming from

that web. Weiss has put through a television schedule that is tops on the coast.

POWEL CROSLEY, IR.

Nineteen thirty-eight provided plenty of excitement for Powel Crosley, Jr., insofar as the radio picture was concerned. With the FCC opening its superpower hearings, and WLW seeking a renewal of its 500,000 watt grant, Crosley's various interests



kept him busy most of the year. However, the station's excellent program service was not overlooked by the boss, who, among other things, established a new farm service division.

LAWRENCE LOWMAN

CBS operations continued on the up-grade during 1938 which meant that Lawrence Lowman, vicepresident in charge of operations, put on many added hours of work. Because of the continued increase in the operating schedules of CBS, Herbert



V. Akerberg, vice-president in charge of station relations, coupled off with Lowman to keep up with the growing work.

SAMUEL R. ROSENBAUM •



Despite the multiple duties confronting him. Samuel R. Rosenbaum, prexy of WFIL, Philadelphia, was one of the spearheads in the re-organization of the NAB. and took the initiative in creating a permanent IR-NA while acting as chairman of the

special advisory committee. His straightforward manner in handling details of IRNA negotiations is indicative of how he works.

FRANK E. MASON

As vice-president and personal assistant to NBC President Lenox R. Lohr, Frank Mason put in a busy year, working directly with the president on problems confronting the network. He is responsible for the international setup at NBC, a full-



time job in itself. There was even enough spare time left for the peppy executive to maintain his contacts with government departments.

HELEN WALDOLE

ACTRESS • LEADING LADY • WRITER

 \approx 1938 \approx

"Death Valley Days"

"John's Other Wife"

"The Silver Flute" "Action at Acquilla"

"Outward Bound"

"Romanticists"

"Lorenzo Jones" (Serial) "Pepper Young's Family"

"Dr. Christian" with Jean Hersholt

Maxwell Anderson's:

NBC "Great Play Series"

"Second Overture"

Four Television Shows

"Craia's Wife"

for NBC

"Both Our Houses"

(Wrote and Acted)

AND MANY OTHERS

334 WEST 85th STREET, N. Y. C. ENdicott 2-6997

VINCENT F. CALLAHAN



One of the most active men in the radio field, Vincent Callahan has seemingly remained in the background most of the year, but has accomplished much. Manager of WWL, New Orleans, less than one year, Callahan put through an application for

50,000 watts for WWL, and station began operating on its increased power the latter part of the year.

TED C. STREIBERT

As an executive of both station WOR and the MBS, Ted Streibert as usual was kept busy between both responsibilities, both organizations being up and coming. Apart from his activity in the affairs of the above named outfits, Streibert had served earlier



in the year as a member of the old NAB board of directors and was interested in the doings of the IRNA.

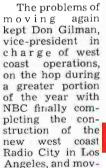
H. LESLIE ATLASS



Running the CBS plant in the Windy City keeps H. Leslie Atlass one of the town's busiest men. The city's growing importance as an originator of network programs is due greatly to the 24-hour days Atlass puts in. The efficiency and precision with which

the CBS midwestern plant is operated has been lauded on more than one occasion.

DON E. GILMAN





ing into the new quarters in mid-October. Gilman also took time off for visits to New York to acquaint the eastern office.

ISAAC D. LEVY



Dynamic member of the WCAU-CBS Levys, Ike a g a in appeared prominently in the news this past year, what with his purchase of stock in Transradio and his appearance before the FCC during the super power thearings. A man of strong convic-

tions, Levy had been a good influence on the old NAB set-up with his "storms," which have more often than not, gotten results.

DON DAVIS

Adding another year of illustrious service to the Kansas City area, WHB, under the able guidance of Don Davis, president, celebrated its sixteenth anniversary during the past year. Davis, although he unfortunately suffered ill health in the spring, was



able to inject many colorful programs into the local favorite lists of the area, despite the heavy competition given WHB.

JACK PEARL

William Morris Agency, Inc.
Radio City New York

EDWARD SMITH



A veteran of the radio field for many years, Ed Smith, radio director of General Mills, can take a bow for building that concern's nine radio shows to an all-time high. Smith, who was appointed to his present position late in 1937, was formerly af-

filiated as announcer, producer, director, etc., with some of the nation's leading stations.

H. ALLEN CAMPBELL

In addition to handling the destinics of the Michigan Network and its key station, WXYZ, H. Allen Campbell proved to be one of the best salesmen in the business the past year when he made the "Lone Ranger" a household byword. Campbell



has not been satisfied to be merely a major network affiliate, but has gone out to sell time, and prestige.

WM. A. SCHUDT, JR.



Live wire and aggressive young Bill Schudt took a flying leap this year from boss of Columbia's WBT, Charlotte, to WKRC, Cincinna-ti, as head man with his famous hypo needle. Business man, showman and general hustler. Schudt is brewing

with ideas for putting the station on the map in even larger type than it is today.

BENEDICT GIMBEL, JR.





guided the station to its biggest billings in the history of the station.

A. E. NELSON



After serving as manager of KDKA, Pittsburgh, A. E. Nelson was selected as the logical man to handle the development of the NBC Blue network. Assuming his new duties as sales manager of the Blue network Aug. 1, Nelson put through a new

discount policy Nov. 1 which has already borne fruit.

HERBERT L. PETTEY

Completing his second year as associate director of WHN, Herb Pettey further moved into the limelight the past year when Louis K. Sidney, managing director of the station, was called to Hollywood to handle the M-G-M "Good News" radio program.



The former FCC secretary has been responsible for many improvements at the station.

IT'S AN ASSOCIATED TRANSCRIPTION

- 1. It was recorded in a studio spacious enough for a symphony orchestra or intimate enough for a solo, acoustically treated in accordance with the specifications of the highest authorities.
- 2. It was supervised by a staff of experts whose business it is to produce the finest transcriptions that science affords, at no additional cost to the client.
- 3. It was pressed on a perfected Vinylite material that eliminates surface noise and minimizes wear.

ALSO

- 4. Associated's facilities make possible a 24hour service-from recording to delivery of completed program-when speed is essential.
- 5. Associated cuts transcriptions either vertically or laterally to suit varying station requirements.
- 6. Associated's studios, in mid-town New York, are easily accessible to all sources of talent.
- 7. Associated's studio equipment is complete, including a new Hammond Electric Organ. two Steinway pianos, celeste, vibraphone. and all musical and sound effects.
- 8. Associated has access to the world's fines

The Aristocrat of the

ASSOCIATED MUSIC PUBLISHERS, INC., 25 WEST 45TH STREET, NEW YORK CITY

DONALD THORNBURGH



A hectic year was 1938 for Donald W. Thorn-burgh, with CBS opening its new \$1,500,000 west coast studio layout in Los Angeles. As vice president in charge of west coast operations, Thornburgh was also kept busy with the many coast-to-coast CBS

shows which originated from his end of the country.

WILLIAM S. HEDGES

Continuing the colorful career as a radio executive which dates back to 1922, Bill Hedges, back with NBC, completed his first year as a vice-president in charge of station relations. Touching off the first term was an appearance made before the FCC



before the FCC on the monopoly hearings with Hedges really throwing a firecracker into the proceedings when he blasted rival practices.

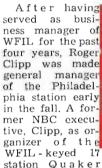
LEO FITZPATRICK



The general manager of WJR caused a sensation this spring when he issued an edict banning the swinging of traditional songs, even going so far as to cut Tommy Dorsey off the air. Fitzpatrick had a full year's work at WJR, beginning with

the station's 5th birthday party, and continuing through one of the busiest financial years in the station's history.

ROGER W. CLIPP





network, guided that hookup to the largest billings in its history.

HAROLD E. SMITH



One of the real pioneers of the radio industry, Harold Smith, president of WOKO - WABY, Albany, has appeared prominently in the headlines for many years. Important event in 1938 was his establishment of the Empire State

Network to handle the heavy schedule of political broadcasts during October and November.

ARTHUR H. HAYES

When CBS decided to build WABC commercially early last year, Arthur Hull Hayes, New York manager of Radio Sales, was called in to head the That movement. he was successful was proven by the billings recorded at WABC, with December



alone exceeding the \$100,000 mark. Hayes also pushed through an earlier starting hour for the station.



June L Lange

"Gateway to Hollywood"

C.B.S

SUNDAY

6.30-7 P. M. EST. 3.30-4 P. M. PCT.

Talent Search

For

RKO Radio Pictures, Inc.

Sponsored

by

Doublemint Gum

HAROLD V. HOUGH



The past year proved to be a very busy one for Harold V. Hough, manager of both W B A P and K G K O. During the year K G K O moved from Wichita Falls, Texas, to Fort Worth, increased its power, and its volume of business, to such a

degree that billings were the highest in 10 years. Hough was called upon to play an important role in the NAB's affairs.

JOHN SHEPARD III

Arduous duties as chief executive of the Yankee and Colonial networks have not dulled John Shepard's love for the radio business. He has been instrumental in the reorganization of the NAB and the formation of a permanent IRNA,



and was one of the committeemen in the broadcasters' recent contractual negotiations with the AFM.

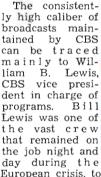
ARTHUR PRYOR, JR.



As vice-president in charge of radio at Batten, Barton, Durstine & Osborne, Arthur Pryor, Jr., was a prominent figure in the industry throughout 1938. As a speaker, Pryor made frequent appearances before advertising

clubs, etc. In spite of his many duties at the agency, he finds time to attend the NAB conventions.

W. B. LEWIS





European crisis, to maintain contact with the troubled areas.

J. R. POPPELE



As the chief engineer of WOR, New York outlet of MBS, J. R. Poppele, had his usual large quota of work during 1938 putting thru numerous technical improvements both at the transmitter and the studios. One of the best technicians in the busi-

ness, Poppele devoted much of his time during 1938 to the development of fac-simile.

LEONARD KAPNER

As manager of the Hearst owned station in Pittsburgh, WCAE, Leonard Kapner was unusually industrious during 1938. Early in the year a complete rehabilitation of the WCAE studios in the William Penn Hotel was completed, and the station



became the originator of programs for MBS from the "smoky city."

NBC TRANSCRIPTIONS ARE REAL PROGRAMS

Programs with artists listeners know...programs that command a ready made audience...programs that sell. These are the services of vital interest to the National Spot Advertisers, Local Advertiser, Radio Station and Agency which NBC Transcription Service offers.

218

leading radio stations
subscribe to NBC Thesaurus because it serves
their requirements for program material of unusual
quality and variety for
sustaining and sponsored programs

ELECTRICAL TRANSCRIPTION SERVICE

NATIONAL BROADCASTING COMPANY

A Radio Corporation of America Service

30 Rockefeller Plaza, New York • Merchandise Mart, Chicago

RALPH ATLASS



Second member of the 'First Family' of radio in the Windy City, Ralph Atlass was a frequent visitor in the news during 1938 as he led WJJD and WIND to a banner year, both from a financial and a programming viewpoint. Ralph's

brother, H. Leslie Atlass, heads CBS in Chicago, and between the two brothers, they are responsible for plenty of action in the radio business.

HARRY C. WILDER

As president of the Central New York Broadcasting Corp., Col. Harry C. Wilder, in a ddition to guiding the destinies of WSYR, Syracuse, WJTN, Jamestown, and WNBX, Springfield. Founded a new broadcast station in Troy, WTRY. The NAB



elected him one of the 17 district directors, representing the Second District.

JOHN F. PATT



Vice president and general manager of WGAR, John F. Patt is one of the youngest and most progressive executives in the industry. In addition to his many radio activities, he became the first represent a tive of the industry to be elected

president of the Cleveland Advertising Club, and was named as Cleveland's leading showman.

EDWIN W. CRAIG





IRNA, and one of the spearheads in the AFM contractual negotiations which were successfully concluded.

O. B. HANSON



NBC's new Hollywood home and the far-reaching advances of television have been O. B. Hanson's chief interests during the past year. The network vice president and chief engineer saw to it that the final finishing touches were put

upon the new Hollywood broadcasting center and "doubled in brass" in oversceing the many television experiments that were made during the year.

NEAL BARRETT

One of the most important developments in radio during the past year was the organization of the Texas State Network, comprising 23 important stations in that state. Neal Barrett, manager of KOMA, became executive vice-president of the



new network, after helping Elliott Roosevelt organize the web, which is affiliated with MBS.



TEXACO STAR THEATRE

Produced by

BILL BACHER

Comedy Written By

HAL BLOCK



L. B. WILSON



President and general manager of WCKY, L. B. Wilson was active in the reorganization of the NAB, the founding of IRNA on a permanent basis, and the settling of the AFM negotiations, Wilson kept WCKY before the industry throughout the

year with his excellent showmanship. Wilson's station carried an average of 800 network shows a month.

ROY C. WITMER

NBC's vicepresident in charge of sales, had more than a little to do with the amazing time sales recorded by NBC each month during the past year, and can take a well - deserved bow for NBC's first \$41,-000,000 year in gross billings. Yet



Witmer had seemingly remained in the background most of the year.

MILTON BIOW



His own advertising agency kept Milton Biow busy during 1938. However towards the end of the year he announced the purchase of WINS, and his resignation from WNEW. Biow, as head of the adagency bearing his name has been responsible for

the wide acceptance of the Philip Morris network shows, giving that and other accounts his personal attention.

H. K. CARPENTER

Maintaining his policy of leadership in civic, cultural and educational service, H.
K. Carpenter, vice - president and general manager of the United Broadcasting Co.'s two stations in Cleveland, WHK - WCLE, was a frequent figure in the news



during the past year. The two stations received plaudits continuously for their humane services during 1938.

GEORGE HENRY PAYNE 9



One of radio's most colorful characters, Commissioner George Henry Payne figured prominently in the headlines many times this year as a result of his crusading and his fiery speeches made during the entire reorganization program conduct-

ed by Chairman Frank R. McNinch.

JOHN V. L. HOGAN

Owner and operator of WQXR, New York's only high fidelity station, John Hogan has proven that quality and cultural programs have a vast commercial value. Hogan's ability as an engineer is well known throughout the country, and he



served on NAB engineering committees.

WILLIAM MORRIS AGENCY

INC.

"THE AGENCY OF SHOW BUSINESS"

SINCE 1898 A CONTINUOUS SERVICE TO THE ENTERTAINMENT WORLD

More talent from novice to established star has been developed by this organization than any other agency in show business . . . nurturing their talents, solving their problems, managing their affairs, and presenting their potentialities in every direction . . . an unparalleled service to the entertainment world.



WILLIAM MORRIS AGENCY

INC.

RADIO CITY, N. Y.

LONDON

PARIS

CHICAGO

HOLLYWOOD

JOSEPH V. CONNOLLY



New set-up of Hearst enterprises placed Joseph Connolly in the key spot. Chairman of the board of Hearst Radio, Inc., Connolly had much of the say-so in the various sales of Hearst owned stations during 1938. In spite of his many duties as head of

INS, King Features and all Hearst-owned newspapers, Connolly found time to make several personal appearances in behalf of racial tolerance.

HYLA KICZALES



One of the few women managers in the radio business, Hyla Kiczales has distinguished herself by the unequalled success of the International Broadcasting System, and the individual stations making up the web. Concentrating on foreign

language presentations, WOV, New York outlet, has become the leading station servicing the Italo-American market in New York.

ALFRED H. MORTON

Highlight of the past year insofar as A. H. Morton is concerned, was his election as a vice-president of NBC, in charge of owned, or programmed and/or managed stations of the network. Morton, who prior to his election as a v.p. was manager of the op-



crated stations department, was as a whole too busy to crash headlines most of the year, but did manage to make news when he appeared before the FCC in December.

HERBERT I. ROSENTHAL

Completing his first year as general manager of the Columbia Artists, Inc., Her-Rosenthal bert was able to boast the most successful financial year ever reported by a network artists bureau. Rosenthal, who is only 28 years old, was appointed general



manager of the CBS bureau after having had seven years experience in the broadcasting field.

W. C. ALCORN



As manager of one of the leading foreign language stations in the New York area, WBNX, W. C. Alcorn put in a busy 12 months during 1938 building programs especially suited to the vast foreign element of the country's leading foreign

market. That his hard work was successful was shown in the increased billings noted by the station.

BERT LEBHAR

One of the hardest working men in radio, Bert Lebhar, sales manager of WMCA, was kept on the march during 1938, the station moving to its new studios the early part of the year, making tie-ups with foreign stations for exchange series.



Early in 1939 he became v.p. in charge of sales at WHN.

J. G. SALTZMAN, INC.

Photographic Lighting Equipment

We can meet your demands and your ideas in the way of special lighting.

For 20 years we have handled the lighting problems for both the portrait and the illustrating photographer.

480 Lexington Ave., New York, N. Y. PL. 3-8824-8873



GLENN SNYDER



Under the guidance of Glenn Snyder, vice-president and general manager of WLS, the Prairie Farmer station completed construction of a new quarter-million dollar transmitter and vertical radiator, new studios, sweeping

personnel changes, established an outstanding education department, and reported one of the best financial years in the station's history.

BERNICE JUDIS



In a business dominated by the masculine gender, Bernice Judis, manager of WNEW, New York, has steadily maintained her position as a successful executive. Responsible for many of the programs that have made the station

stand out as a leading local outlet, Miss Judis has been responsible for the increased billings which the station has noted practically since its inception.

MARK WOODS

One of the youngest executives in a key position with a national network, Mark Woods, as vice - president and treasurer of NBC, last year celebrated two anniversaries, the completion of his twelfth year with NBC, and the first anniversary as a



vice-president of the web. Woods had his hands full with financial matters during the year, with NBC going over the forty million mark for the first time.

PAUL MORENCY

Duties as general manager of WTIC, Hartford, one of the few 50,000 watters in the New England territory, kept Paul Morency on the go most of the year. However, Morency's keen interest in the affairs of the NAB, of which he was one of the



founders, also took up much of his time.

EUGENE O'FALLON



Duties as the president of KFEL, Denver, did not stop Gene O'Fallon from actively participating in the reorganization of the NAB, and the permanent organization of IRNA, and the negotiations with the AFM during the past year. One

of the most popular men in the industry, as proven when he once polled the highest vote ever recorded to be re-elected a director of the NAB.

IOS. H. LANG



as an example of foreign language educational features.



FRANK GILL Jr. & BILL DEMLING

COMEDIANS, WRITERS, AND FRENCH HAND LAUNDRY

With

JOE E. BROWN

For

GENERAL FOODS

"WOULD YOU AUTOGRAPH A

Post Toastie

FOR US?"

Frank Gill, Sr. Business Manager Direction
William Morris Agency, Inc.

HAVE TUXEDOS—WILL TRAVEL

JOHN A. BENSON



The first paid prexy of the AAAA, John A. Benson celebrated his tenth anniversary in that position last year by being elected for another erm. Most important item concerning the body during 1938, particularly in view of the strike threat

against commercial network shows, was the opening of negotiations with AFRA.

PERCY L. DEUTSCH

One of the important ET developments of 1938 was the formation of the World Transcription Gold Group by World Broadcasting System, under the direction of Percy L. Deutsch, president and founder of both WBS and its new affiliate. Founda-



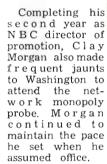
of WTS came after 10 years of study.

E. H. GAMMONS



As the general manager of a most progressive outlet, WCCO, Minneapolis, Earl Gammons had a full year during 1938 with the station moving into a new building and installing more modern studios and facilities.

CLAY MORGAN





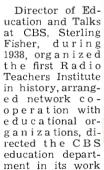
ARTHUR SIMON



One of the newest executives in the radio industry, Arthur Simon assumed his present position as manager of WPEN midway in 1938 and immediately proceeded to make the radio industry sit up and take notice. Bringing many new ideas

and programs into the field, Simon has been a progressive manager.

STERLING FISHER



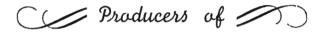


with the new Adult Education Board in presenting numerous new educational features over the network.



Fields Brothers a. g. *

HOLLYWOOD



The Shadow of Fu Manchu
Hopalong Cassidy
Calling All Cars
Ella Cinders
Bulldog Drummond
Sweetheart Time



* QUALIFIED SHOWMEN SINCE 1912

LINCOLN DELLAR



Transferred from the station relations department of CBS to the managership of WBT, Charlotte, one of the most progressive stations in the country, Lincoln Dellar has had to live up to a big job. In addition to bringing new and fertile ideas

to WBT, he has successfully fulfilled his duties.

LLOYD YODER

Completing his first year as manager of KPO-KGO, San Francisco, Lloyd Yoder was responsible for the station's 25 per cent increase in station business recorded during 1938. Year marked the removal of network operation to Holly-



wood, also the 10th year of service with NBC by Yoder.

HELEN SIOUSSAT



As assistant director of the CBS Talks Department, Helen Sioussat was responsible for many of the addresses on national problems to reach the radio listeners via CBS. and built many of the political, cultural, health, current problems,

etc., series that were a regular portion of CBS's radio fare during 1938. Her pet was "Headlines and Bylines."

J. L. GRIMES





MBS network Sundays, features talent from the ranks of the employes of the concern and members of their families.

DR. JAMES R. ANGELL



Completing his first year as NBC's educational counselor, Dr. Angell, former president of Yale University, has devoted most of his energies towards planning the future of the network in regard to education. After a prolonged jaunt through

Europe, Dr. Angell returned to the U. S. last spring, and has travelled across the country comparing our methods to that of European broadcasters.

DR. LYMAN BRYSON

The rapid strides made in the field of educational broad-casting by CBS during 1938 can be traced directly to Dr. Lyman Bryson, chairman of the advisory council which oversees that type of broadcast at CBS. During his second year



his second year with CBS Dr. Bryson inaugurated important experiments.

"Migliore"

"Le Meilleur"

"Der Beste"

"Nadyonyow"
"Krasnaya"

"Lo Meior"

No matter what the language, it all means

"THE BEST"

F * E * D * E * R * A * L

High Fidelity Transcription Service

for

- * The Advertising Agency
- * The Sponsor
- * The Artist

High Fidelity
Electrical Transcriptions

-INSTANTANEOUS-

Music-Publishers Studio Recording Service

Off-The-Air Recordings

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Selective Groove Recording So That Any Rendition or Announcement Can Be Played Without Running the Entire Disk We have the best facilities available for all of your needs in every branch of electrical transcription. Standard productions; 5 minute dramatizations; spot announcements; foreign language advisory service, etc., luncheons, dinners, banquets, sales meetings recorded on the spot.

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KING OF THE DRUMS



and his ORCHESTRA

Ella-Titzgerald

FIRST LADY OF SWING

Dance Direction
CONSOLIDATED RADIO ARTISTS
30 Rockefeller Plaza, N. Y. C.

Personal Mgt.
GALE, INC.
48 West 48th St., N. Y. C.

The Sweetest Story Ever Told

A radio serial that, daytime or nighttime, has never failed a Sponsor or a Product.

THE ROMANCE OF

DAN AND SYLVIA

Two thousand tested, audience-proven episodes! Original cast from WMAQ and KDKA! Merchandising ideas that broke mail, phone and sales records!

A quarter hour transcribed serial designed for schedules of from three to five broadcasts weekly.

If your station isn't playing "Dan and Sylvia"—write today!

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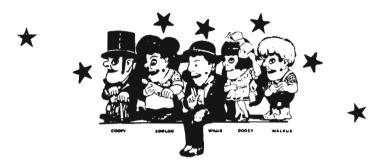
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"THE McGINTY FAMILY"

1939's Five Star Smash Hit!

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A Story of a Real Irish Family That'll Make 'em Sit Up and Listen!

A Natural for National Advertisers---Transcriptions---Radio Stations.

Tie-ups Include the McGinty Family Book---McGinty Family Comic Strip--- Willie McGinty Ventriloquist.

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One Year term.

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District 5

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District 4

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WHEN *TIME* IS THE MEDIUM



• You have decided to buy TIME to put your advertising message on the air! How about rates, power, station equipment, hours available and scores of other points of information you must have—just at the moment you are making your selection of stations?

You would naturally have many questions to ask about certain stations . . . you find the answers in RADIO ADVERTISING RATES & DATA! It lists the rates, chain affiliations, mechanical facilities, broadcasting hours, closing times, etc., etc., of every commercial broadcasting station in the United States and Canada. All the information you need, IN ONE CONVENIENT, COMPACT SERVICE!

Revised and issued every month . . . supplementary bulletin service every week.

SUBSCRIPTION \$15 A YEAR

CHICAGO 333 N. Michigan Avenue NEW YORK 420 Lexington Avenue

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JACK MAJOR

ON TOUR PLAYING VAUDEVILLE AND MAKING PERSONAL APPEARANCES AT LEADING WEST COAST THEATERS

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Columbia Artists, Inc. 485 Madison Avenue New York City WIckersham 2-2000

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DON LEE KID SHOWS



on the PACIFIC COAST

ACCORDING TO FACTS CONSOLIDATED

── DON LEE Broadcasting system

L. A. WEISS . . . Vice-President and General Manager 1076 West Seventh Street Los Angeles, California AFFILIATED WITH REPRESENTED BY MUTUAL JOHN BLAIR & CO.

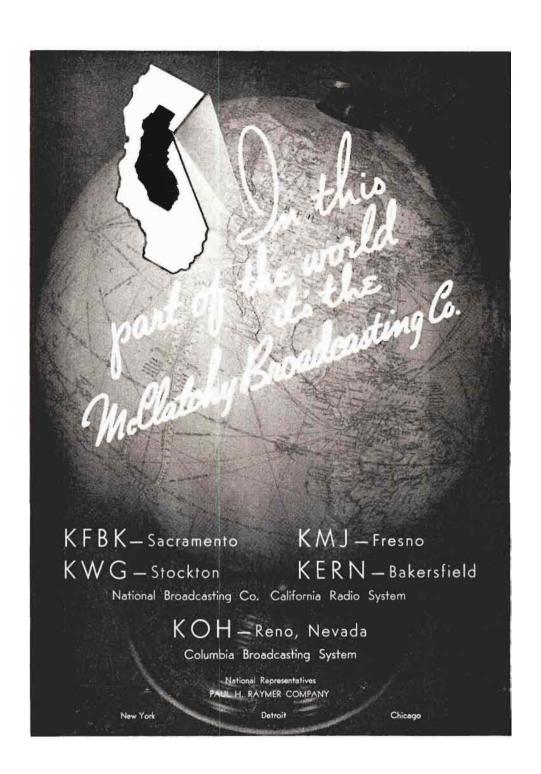


NETWORKS



National Regional





CBS

In THE minds of America's 94,000,000 radio listeners, the outstanding radio achievement in 1938 was the prompt, accurate and complete coverage of world affairs. The Columbia Broadcasting System, during the swift change in Austria's political status, brought its listeners 50 separate reports of events—"as they happened." Six months later, America instinctively turned to radio for minute-by-min-

ute developments in the Czechoslovakian crisis. And Columbia answered with a total of 471 broadcasts from 18 world-news centers. Split-second activity over a three-week period at network headquarters, plus hearty cooperation on the part of Columbia's 115 stations, kept the nation fully and truthfully in formed of every significant move toward war or peace.

These international broadcasts. of course, are the most striking recent examples of radio's ability to "shrink space." But they also illustrate the great improvements in the physical facilities which made them possible — facilities which have made radio so valuable to listener and advertiser alike. 1938, ten new stations joined the Columbia network, six of them representing additional primary coverage. During the same year, more than half of the 115 CBS stations carried on extensive construction programs which included power increases, installation of new highfidelity equipment and new studios.

The activity continues into 1939. New studios were opened by WCCO, Minneapolis, in February, and major technical alterations have just been completed by WJSV, Washington. WBBM in Chicago is rapidly completing a new vertical radiator. WWL, New Orleans, and WRVA, Richmond, have recently begun to operate with 50,000 watts, and a new 50,000-watt transmitter for WJSV will be placed in operation as soon as possible. In the short-wave field, Columbia's international station, W2XE, in New York, joined with W3XAU in Phila-

delphia to carry an expanded program service to Europe and South America.

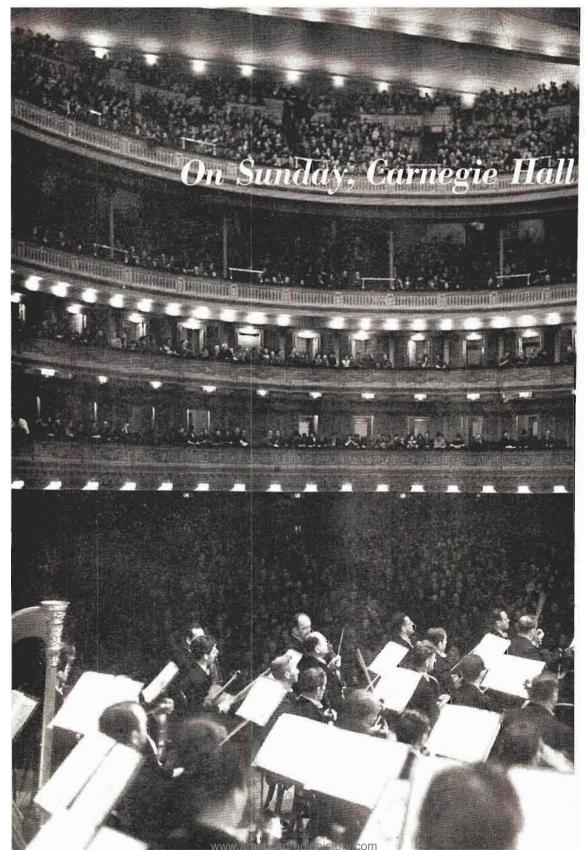
In addition to a record number of international broadcasts during 1938, the Columbia Network also carried more serious music and educational programs than ever before. This increase in programs of cultural content is a direct reflection of increased in-

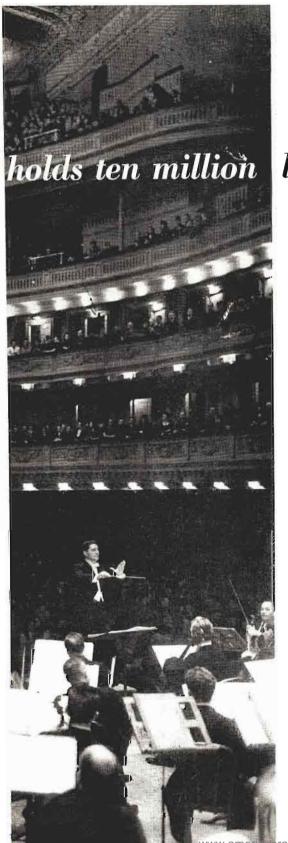
terest in such programs on the part of the radio audience—an interest which network broadcasting itself has developed. Columbia Network programs in 1938 were divided as follows: 7,469 sponsored programs; 11,605 sustaining programs.

Television is scheduled to come from "around the corner" in 1939, and Columbia's years of technical production research in the field will undoubtedly be demonstrated during the year. With its transmitter installed in the Chrysler Tower and studios nearing completion in Grand Central Terminal, CBS television in metropolitan New York will become a reality early this year. It is estimated that CBS will have invested \$1,350,000 in the art of visual broadcasting by 1940.



WM. S. PALEY President





listeners

For 96 years, the New York Philharmonic-Symphony Orchestra has played only the world's greatest music. For 48 years, the seating capacity of Carnegie Hall has remained unchanged. Yet in the past nine years, the Philharmonic's Sunday afternoon audience has grown from 2,760 to 10,000,000 listeners each week. And 45,000,000 people now hear the Philharmonic broadcasts each season!

This andience—the largest andience of its kind in the world—consists solely of people who love, and who are learning to love, great music. Absurd in 1929. A fact today. A fact that can be credited to the magnificence of the orchestra...to the brilliance of its conductors, from Arturo Toscaniai to John Barbirolli...and to the stations of the Columbia Broadcasting System, which have broadcast the Philharmonic concerts for nine consecutive years.

Columbia Broadcasting System



Nine major markets with 83 stations ... but 9 of these stations regularly deliver 4 out of every 10 radio families!

Time major markets with 83 radio stations. But—in the face of this extreme competition for listeners—almost four out of every ten radio families listened to a group of only nine stations regularly—day and night!

That's the record of the Columbia operated stations! In nine major markets listed on the opposite page, this fact was conclusively proved through the largest check of listener preference ever made—Crossley's 1938 coincidental study in these markets—over 500,000 completed interviews for ten hours of the day, seven days of a single week! The score, on a 5 day—day and night average: 37.2% of all sets in use were tuned to Columbia stations in these nine markets!

Actual audiences for any program depend largely on program "appeal". But make your job easier. Place your good program on a station people *regularly* listen to...build your peak audiences *fast*—swing your sales curve UP *fast*.

Radio Sales, a division of the Columbia Broadcasting System, represents these important Columbia stations for national spot business. Consult Radio Sales *now* about *successful* spot radio in any of the markets listed below.

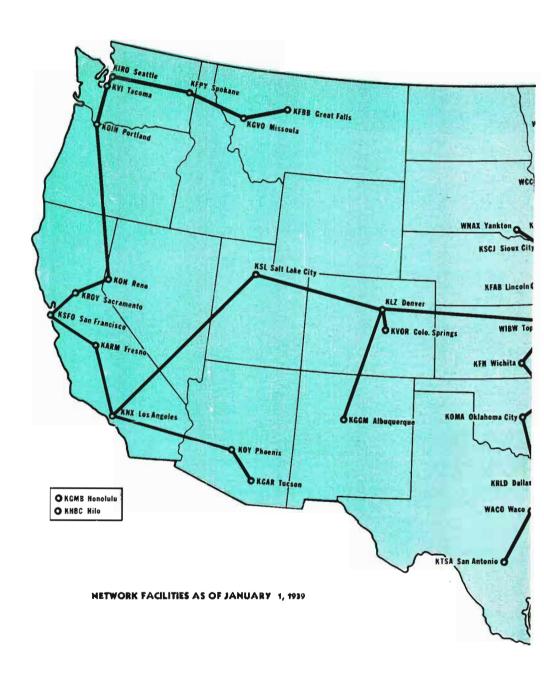
RADIO SALES

A Division of the Columbia Broadcasting System New York, Chicago, Detroit, St. Louis, Cincinnati, Milwaukee, Charlotte, N.C., Los Angeles, San Francisco

OPERATED BY COLUMBIA REPRESENTED BY RADIO SALES

WABC New York WBBM Chicago WEEI Boston
WCCO Minneapolis-St. Paul KMOX St. Louis
KNX Los Angeles WBT Charlotte, N.C.
WKRC Cincinnati WJSV Washington
The Columbia Pacific Network;
The Columbia New England Network;
(also representing WAPI, Birmingham)

COLUMBIA BROAD



CASTING SYSTEM



COLUMBIA BROADCASTING SYSTEM

485 Madison Avenue, New York City

(Telephone number, WIckersham 2-2000)

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Sam Pickard	William C. GittingerSales Manager

Sam PickardVice-President	William C. GittingerSales Manager		
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Max Wylie	A. B. Chamberlain		

Building Operations

COLUMBIA BROADCASTING SYSTEM

RADIO SALES PERSONNEL

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H. A. CarlborgManager, Detroit Office		
Paul S. WilsonManager, Chicago Office		
George L. Moskovics, Manager, Los Angeles Office		
Henry M. Jackson, Manager, San Francisco Office		
Martin J. McGeehan Manager, Milwaukee Office		
Royal PennyAccount Executive, Charlotte		
Wm. J. Williamson, Account Executive, Cincinnati		
John BohnAccount Executive, St. Louis		

New York City

WABC, 485 MADISON AVE.

Arthur Hull Hayes	Sales Manager
Robert C. Mayo	Director of Sales Service
George Allen	Director of Programs
Henry Grossman	Chief Engineer

Chicago

410 NO. MICHIGAN AVE.

Washington

EARLE BLDG.

Harry C. Butcher,	
Vice-President in Charge at W	ashington
A. D. Willard, JrStation Manage	er WJSV
Wm. D. Murdock Sales Manag	er WJSV
Clyde HuntChief	Engineer
Harry R. Crow	countant
Frederick A. LongProgram	Director
Ann Gillis Publicity	Director
Paul A Porter	Attornov

Minneapolis

WCCO, 625 SECOND AVE., S.

Earl H. Gammons, Manager of	f Station WCCO
John McCormickA	ssistant Manager
Emmett J. Heerdt	Accountant
H. S. McCartney	Chief Engineer
Hayle C. Cavanor	Program Director
Alvin B. Sheehan Manager	of Artists Bureau
Carl Burkland	Sales Manager

St. Louis

MART BLDG.

Merle S. Jones Manager	of Statio	n KMOX
G. L. Tevis	Chief	Engineer
R. S. Gillingham	Ac	countant
C. G. Renier	. Program	Director
Jerry Hoekstra	Publicity	Director
K. W. Church	Sales	Manager
James S. JohnsonSales	Promotion	Director

Pacific Coast

LOS ANGELES OFFICE, KNX, COLUMBIA SQUARE

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John M. DolphAssistant to Vice-President
Charles D. Ryder, JrAccountant
Lester Bowman,
Western Division Operations Engineer
Nelson G. PringleNews Editor
Charles VandaProgram Director
Russ JohnstonContinuity Chief
Fox Case Director of Special Events
Edith S. TodescaProduction Manager
Hal RorkePublicity Manager
Harry W. WittSales Manager
Edwin W. Buckalew Director of Sales Promotion
Alan CormackTraffic Manager

SAN FRANCISCO OFFICE PALACE HOTEL

COLUMBIA BROADCASTING SYSTEM

Cincinnati

WKRC, HOTEL ALMS

William A. Schudt, Jr.,	
Manager of Station	WKRC
John M. Tiffany Chief	ngineer
Ruth Reeves LyonsProgram	Director
Margaret MaloneyPublicity	Director

Charlotte, N. C.

WBT, WILDER BLDG.

Lincoln Dellar	Manager	of S	tation	WBT
Robert W. Carpente	r		. Accor	untant
James Beloungy		. , Chi	ief En	gineer
Chas. H. Crutchfield		Progr	am Di	irector

Boston

WEEI, 182 TREMONT ST.

Harold E. Fellows Manager	of Station WEEL
John J. Murray	Accountant
Philip K. Baldwin	Chief Engineer
Lloyd G. del Castilio	
Production Manager and	Musical Director
Kingsley Horton	Sales Manager

Detroit

FISHER BLDG.

Webster H. Taylor......Sales Manager

European Personnel

E. R. Murrow. Chief of European Staff—London William L. Shirer,

Central European Representative—Geneva W. R. Wills. Far Eastern Representative—Tokyo

Stations Owned and Operated, or Leased by the

COLUMBIA BROADCASTING SYSTEM

WABC	New YorkOwned	and	operated	Ьу	CBS.	
WBBM	ChicagoOwned	and	operated	Ьy	CBS.	
WBT	Charlotte, N. COwned	and	operated	Ьу	CBS.	
wcc o	Minneapolis Owned	and	operated	Ьу	CBS.	
wısv	WashingtonOwned	and	operated	Ьу	CBS.	
WKRC	CincinnatiOwned	and	operated	Ьу	CBS.	
кмох	St. LouisOwned	and	operated	Ьу	CBS.	
KNX	Los AngelesOwned	and	operated	Ьу	CBS.	
WEEI	BostonOwned	bу I	Edison III	umin	ating	Co

Leased and managed by CBS.

MBS

The Mutual Broadcasting System has pledged itself to render a new service to the listener, bringing to them more and varied programs from this country and abroad. The network is cooperative, the stations operating the network service, rather than the chain running the station. The individual stations themselves chose to remain independent so that each might do the job in its community as it saw best. The Mutual Broadcasting System was formed with the view of maintaining affiliations with a few key stations of superior coverage, flanked across the nation by progressive independent ontlets.

SINCE its advent on September 15, 1934, when the above principles were conceived by its founders, the Mutual Broadcasting System's history has always been told in headlines.

But when many of its early well wishers studied Mutual's funda-

mental policies they doubted if these advanced theories could be made to work. Could radio achieve a happy combination of a group of stations working as a network, yet with each one remaining autonomous? Could a number of thriving, independent radio stations, unrelated to each other in any way, except in the common aim to

serve the listener, cooperate in the formation of a third major chain?

These questions were tested when the Mutual network programs made their debut on October 2 of the same year. At that time a Mutual program could be heard in only four cities—New York, Chicago, Cincinnati, and Detroit.

When Mutual's advertising opportunities were first explained, many far-sighted time buyers soon discovered in this new network an outlet for advertisers, heretofore unable to purchase a flexible network of stations in as few or as many markets as they desired.

This endorsement enabled Mutual to total \$1,000,000 worth of time billings in its first fiscal year.

On December 29, 1936, Mutual went "coast-to-coast." The strong Don Lee regional chain of California became affiliated with Mutual.

Thus Mutual faced the year 1937 with a total of thirty-eight stations in the United States and one in Hawaii.

By the end of its first year of coast-to-coast operations, Mutual, remembering more than ever its pledge to the listener, increased its presentation of special features of national and international importance by forty per cent.

On September 15, 1938, Mutual's list of affiliates stations swelled to over 100 when the newly formed Texas

State Network of 23 stations joined the four-year-old chain.

The network has grown into a smoothly operated system of 110 industrious, news-worthy, coordinated stations. A more complete record of this growth can be found in the issues of RADIO DAILY and other periodicals. But despite this natural expansion, the credos and basic principles have not been forgotten. They are more evident today, four and one-half years since its creation; exactly two years since it went coast-to-coast and became of age.

Alfred J. McCosker, Chairman of Board,



ALFRED J. McCOSKER

MUTUAL BROAD



CASTING SYSTEM



MUTUAL BROADCASTING SYSTEM

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Vice-President T. C. Streibert
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Program Service Mgr Adolph Opfinger
Traffic Manager Andrew Poole
Sales Promotion MgrRobert A. Schmid
London and European Representative,

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Administrative Office. Chicago, Tribune Tower

Branch Offices

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Detroit
Cincinnati
Boston
ClevelandTerminal Tower
Los Angeles Don Lee Bldg.
San Francisco
England Coulsdon, Surrey

Policies and Facilities for Origination and Production

John S. Steele

Programs

The Program Building Services of Individual Mutual Stations are made available to Mutual advertisers—either as sources of program ideas, as planners and producers of complete radio features, or in an advisory capacity.

Originations

Origination of programs in New York, Cincinnati, Chicago, Cleveland, Detroit, Boston, Hollywood, Los Angeles and San Francisco without wire charge. Nominal line cost for commercial programs originating from other Mutual stations.

The Mutual-WOR Playhouse in New York, the WGN Studio No. 1 in Chicago and the Mutual-Don Lee Playhouse (in the Ambassador Theater) Los Angeles, are provided as accommodations for advertisers desiring studio audiences.

Restrictions and Regulations

Accounts must be acceptable both to the Mutual originating station as well as to individual Mutual stations as respects content, length of commercial, type of product advertised.

Publicity and Public Relations

Mutual offers close contact with news media through the publicity departments of both Mutual and Mutual stations.

Sales Promotion and Research Department

Coverage and market data relevant to the network advertising campaign as well as comprehensive information and suggestions for its exploitation.

NBC ====

THE National Broadcasting Company entered the year 1939 better prepared to serve the radio audience, its affiliated stations, and its advertising clients than at any time in its twelve years of development.

During the past year, four major building projects were completed at Cleveland, Philadelphia, Schenectady, and Hollywood to complement those previously completed at Den-

ver, Washington and Pittsburgh. These round out the program of studio development inaugurated four years ago to further the National Broadcasting Company's intention of maintaining the highest technical standards at the various points of network program origination.

New transmitting plants or new antenna installa-

tions have been established within the past year and a half at WENR, Chicago; WRC, Washington; WTAM, Cleveland; WGY, Schenecand KDKA, Pittsburgh. These improvements in cities where the National Broadcasting Company owns, operates, or programs stations have been matched in many other parts of the United States by our affiliated stations. Among the most notable of these have been improvements at WHAM, Rochester: WOAI, San Antonio; WFBR, Baltimore, WMPS, Memphis; WMBG, Richmond, WFIL, Philadelphia; WIRE, Indianapolis, and KSO, Des Moines.

During the year, KVOO, Tulsa; KOB, Albuquerque, and KEX, Portland, Oregon, have achieved full time status. As a result, all three of these, being important high-powered stations, are better

able to render consistent and continuous service to their listeners. Two new groups have been affiliated with the National Broadcasting Company, one in the Southwest, and the other, the Michigan network. The networks have also been extended into northern Maine.

During the year, a total of 25 stations, having a total potential circulation of 1,447,848 radio families, have become affiliated with

the National Broadcasting Company, bringing the total number of stations to 166.

Following an intensive study, a vigorous program to expand the Blue network got under way during 1938. As part of the program the new Southwest group, in Oklahoma and Texas, now makes it possible for listeners in



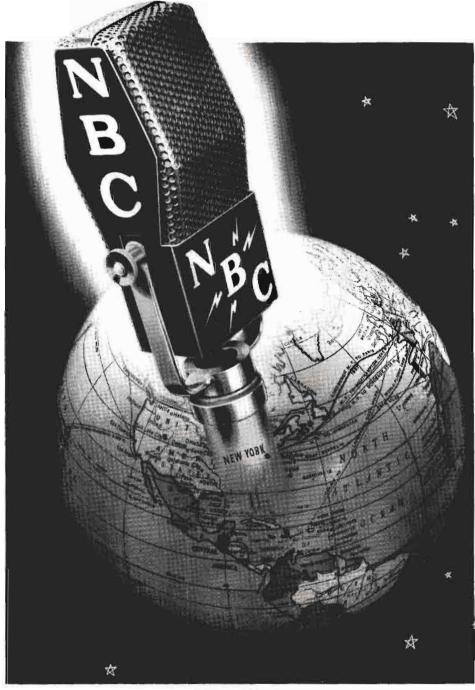
LENOX R. LOHR President

that area to receive programs from both the Red and the Blue networks. A sales chief for the Blue network, Mr. A. E. Nelson, has been appointed. A system of discounts for Blue network advertisers, designed to enhance their use of Blue network facilities, has been put into effect, which has resulted in the placement of Blue network programs on many stations and groups which heretofore had not been used by the sponsors of those programs.

These improvements, together with the fact that bookings for future business ran higher at the beginning of 1939 than at the first of any of the previous years in the existence of the Company, enables us to face the year with optimism, since these are signs of business improvement which should result in the prosperity of the radio industry and its component parts.

Lenox R. Lohr.

The World's Greatest



Broadcasting System

is a title that NBC has earned by performance

THE reterence to NBC as The World's Greatest Broadcasting System is no self-imposed title. Everywhere, the majority of listeners consider Radio City, New York—the home of NBC—to be the world center of broadcasting. The roster of NBC services explains how NBC has won its title—The World's Greatest Broadcasting System.

Program Leadership

The Red and Blue Networks of NBC are each on the air for an average of 17¹/₂ hours a day, or a total of 35 hours. During 1938, NBC broadcast over 56,000 programs. Throughout 12 years, the style in programs has been set by NBC.

Network Leadership

Whether an advertiser wishes to obtain the most intensive available nation-wide circulation, or whether he prefers to "go National" at a new all-time low cost, NBC can serve him, through its Red and Blue Networks.

Leadership in Transcriptions

The outstanding entertainment provided by NBC Transcription Service is the result of facilities which no one else can offer. 221 stations use The NBC Thesaurus. Through RCA, NBC obtains the benefit of leadership in mechanical reproduction and recording of sound.

Leadership in Spot and Local Advertising

By every measurement NBC Managed Stations are unquestionably "Tops in Spot," because fewer stations are needed to cover broad territories.

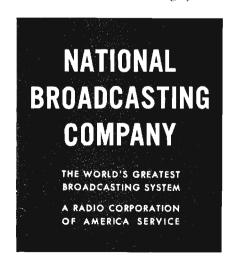
Leadership in Artists' Service NBC Artists' Service, provides talent specifically suited to advertiser's sales problems, furnishes sound program ideas and complete casts, and supplies artists for every type of entertainment, both public and private.

"In the Public Interest"

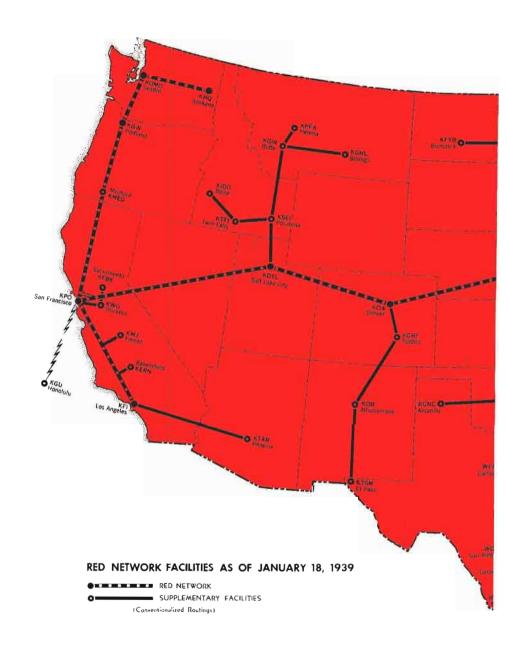
At all times the NBC aims to provide through radio an instrument of free discussion of important public questions. In this way, an informed electorate is built up—an electorate which can express itself intelligently at the polls.

News is reported skilfully and impartially . . . "in the public interest." The basic principle of impartiality also governs the conduct of all programs which go out over the NBC Networks.

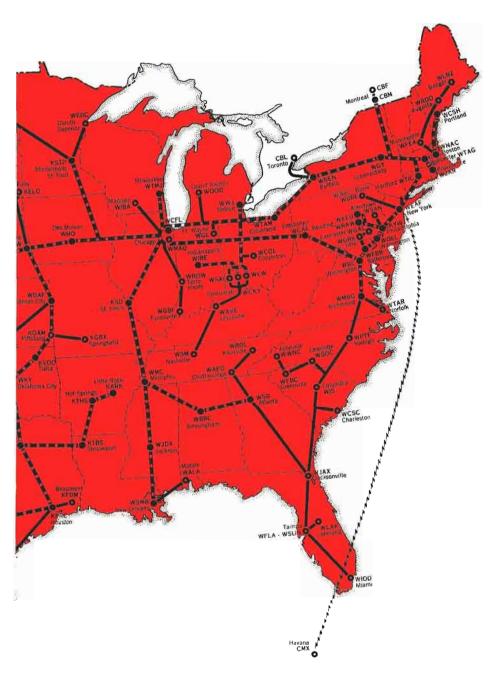
That the services of NBC are outstanding is due in large measure to fact that NBC draws freely upon the experience and research of the Radio Corporation of America, the only organization that makes and does everything in radio and sound. All these points of leadership are the factors which make NBC The World's Greatest Broadcasting System.



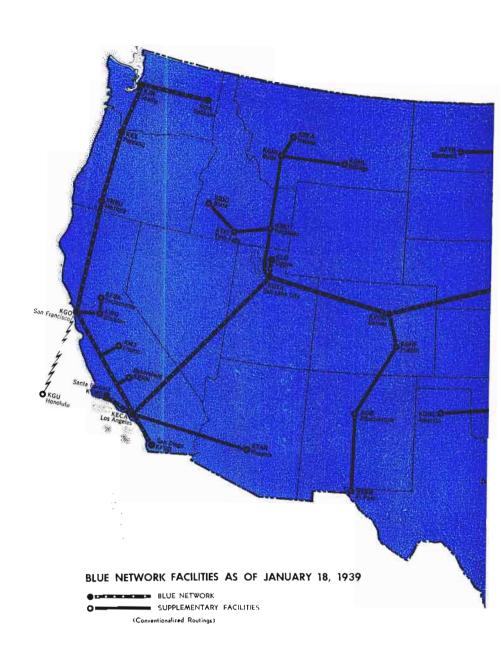
NATIONAL BROAD



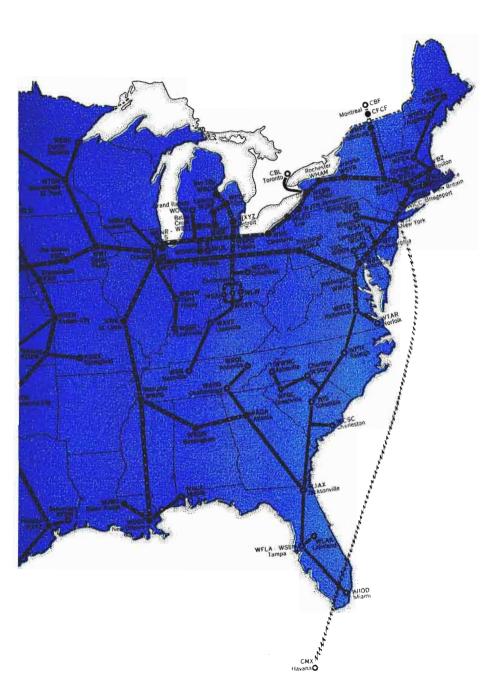
CASTING COMPANY



NATIONAL BROAD



CASTING COMPANY



NATIONAL BROADCASTING COMPANY

30 Rockefeller Plaza, New York City (Telephone number, CIrcle 7-8300) Registered Telegraphic Address

NATBROCAST

NEW YORK

BOARD OF DIRECTORS

Angell, Dr. James Rowland Bliss. Cornelius N. Braun, Arthur E. Dawes, Gen. Charles G. Dunn, Gano Harbord, James G.

Throckmorton, George K.

Harden, Edward W. Lohr, Lenox R. McGrady, Edward F. Milhauser, DeWitt Nally, Edward J. Sarnoff, David

Officers

	•
Sarnoff, David	Chairman of the Board
	President
Trammell, Niles	Executive Vice-President
Ashby, A. L Vice-Pres	sident & General Counsel
Engles, George	Vice-President
Gilman, Don E	Vice-President
Hanson, O. B	Vice-President
Hedges, William S	Vice-President
Mason, Frank E	Vice-President

Morton, Alfred H	Vice-President
Royal, John F	Vice-President
Russell, Frank M.	
Witmer, Roy C.	Vice-President
Woods, Mark,	
Vice-President, Treasurer a	nd Assistant Sec'y
Teichner, R. J	Assistant Treasurer
MacConnach, Lewis	Secretary
Pfautz, C. E	Assistant Secretary

DEPARTMENTS AND DIVISIONS

President's Office

Lohr, Lenox RPresident
Trammell, Niles Executive Vice-President
Almonte, J. de Jara Assistant to President
Angell, James Rowland Educational Counselor
Farrier, ClarenceTelevision Coordinator
Mason, Frank E.,
Vice-President and Assistant to President

McGrew, Martha..... Assistant to President

Artists Service Department Engles, George,

Vice-President & Managing Director General Manager of Civic Concert Service. Inc.

(subsidiary of NBC) King, Frances Rockefeller,

Manager of NBC Private Entertainment Levine, Marks.....Manager of Concert Division Tuthill, Daniel S.... Assistant Managing Director

Continuity Acceptance

MacRorie,	Janet		Editor
Kemble,	Dorothy.	Assistant	Editor
Robinson,	Thomas	L Assistant	Editor

Electrical Transcription Department

Egner, C	Lloyd		. Manager
Chizzini,	Frank E	Assistant	Manager
Thomas,	Reginald	Program	Director

Engineering Department

Hanson, O. B. .. Vice-President and Chief Engineer

Clarke, William A.,		
Manage	er of Technica l	Services
Guy, R. F	.Radio Facilities	Engineer
McElrath, George.	Operating	Engineer
Milne, George O	Eastern Division	Engineer
Morris, Robert M	Development	Engineer
Rackey, C. A.	Audio Facilities	Engineer

General Service Department

Gilcher, Vincent J.... Director, General Service Lowell, Edward M.,

Manager Office Services Division and Asst. Dept. Head

Thurman, Charles H.,

Manager, Guest Relations Division Van Houten, D. B.,

Manager, Building Maintenance Division Wallace, Dwight G..... Personnel Manager

Legal Department

Ashby, A. L... Vice-President & General Counsel Graham, R. H., Attorney-Assistant to Leuschner-Hollywood

Grimshaw, I. L.....Attorney Hennessey, P. J., Jr. ... Counsel-Washington Howard, Henry, Jr.,

Hurley, J. J. Attorney-Washington Leuschner, Frederick Attorney-Hollywood

McDonald, J. A..... Attorney—Chicago Myers, R. P.Attorney
Prime, E. G.Attorney

NATIONAL BROADCASTING COMPANY

Managed,	Ope	rated	or
Programm	ned	Statio	ns
Depa	artm	ent	

Morton, A. H.....Vice-President and Manager Wailes, Lee B.....Assistant to Vice-President Hauser, B. J.....Promotion Manager

Program Department

Royal, John F.,
Vice-President in Charge of Programs
Belviso, Thomas H....Manager, Music Division
Black, Frank.......General Music Director
Brainard, Bertha,

Manager, Commercial Program Division Carlin, Phillips,

Manager, Sustaining Program Division
Chotzinoff, Samuel...Director of Serious Music
Cuthbert, Margaret, Director, Women's and
Children's Programs Division
Dillon, Zale...Supervisor, Sound Effects Section
Dunham, Franklin......Educational Director
Fitch, C. W......Business Manager
Hickok, Guy....Director, International Division

Hutchinson, Thomas H.,
Manager, Television Program Division
Kelly, Patrick ... Supervisor, Announcing Division
Kelly, N. Ray......Manager, Sound Effects—
Development and Maintenance

La Prade, Ernest.....Director, Music Research Meservey, Douglas W.

Director of News and Special Events Titterton, Lewis H.... Manager, Script Division

Publicity Department

Morgan, Clay.....Director of Public Relations Randall, Wayne L......Director of Publicity Babb, J. Vance.......Manager, Press Division Braddock, Leonard W.,

Manager, Information Division Parsons, W. B. . . . Manager, Promotion Division

Relations With Stations Department

Hedges, William S.,
Vice-Pres. in Charge of Station Relations
Kiggins, Keith......Manager Station Relations
McClancy, B. F...........Traffic Manager

Sales Department

Witmer, Roy C.,
Vice-President in Charge of Sales
Boyd, Maurice M......Manager, National Spot
Sales Division of the Eastern Sales Dept.
Dyke, Ken R.......Eastern Sales Manager
Greene, F. Melville....Sales Traffic Manager
James, E. P. H........Promotion Manager

McConnell, James V.,

Assistant to Sales Vice-President Nelson, A. E......Blue Network Sales Manager Showerman, Irving Edward,

Assistant Sales Manager, Eastern Division Van der Linde, Victor....General Sales Counsel

Treasury Department

Woods, Mark,
Vice-President, Treasurer & Asst. Secretary
Beville, H. M., Jr... Chief Statistician
Bloxham, William D. Purchasing Agent
Kelly, Harold M. Asst. Auditor
MacDonald, John H. Budget Director
McKeon, Harry F. Auditor
Payne, Glenn W. Commercial Engineer
Teichner, R. J. Assistant Treasurer
Wall, C. A. Assistant to Treasurer

Central Division—Chicago

Manager, Electrical Transcription Whalley, John F......Office Manager

Western Division— Hollywood

Sales Manager, Western Division
Frost, Lewis Assistant to Vice-President
Gale, Paul Western Division Traffic Supervisor
Graham, R. H. Attorney—Assistant to Leuschner
Leuschner, Frederick Attorney
Robb, Alex S. Manager, Artists Service
Saxton, A. H. Western Division Engineer
Swallow, John,

Program Manager, Western Division Williams, Wendell...............Continuity Editor

Sau Francisco

Yoder, Lloyd,
Manager, San Francisco Office, Stations KPO
and KGO

NATIONAL BROADCASTING COMPANY

Dolberg, Glenn R	Program Manager
Dorais, S. P	Auditor
Fuerst, George	Traffic Supervisor
Peck, Curtis D	Engineer in Charge
Ryan, William B	Sales Manager
Samuel, MiltonMan	ager of Press Division

Washington, D. C.

Russell, Frank MVice-President in Charge
Berkeley, Kenneth H.,
General Manager WRC and WMAL
Hennessey, P. J., JrCounsel
Hurley, J. JAttorney
Johnson, Albert E Engineer in Charge

Foreign Representatives **England**

Bate, Fred

Switzerland

Jordan, Max

Station Managers

PITTSBURGH, PA.

Gregory, Sherman D., Manager Station KDKA

DENVER, COLO.
Owen, R. H., Manager, Station KOA BOSTON AND SPRINGFIELD, MASS.

Holman, John A., Manager, Stations WBZ-WBZA

SCHENECTADY, N. Y.
Hager, Kolin, Manager, Station WGY

WASHINGTON, D. C.

Berkeley, Kenneth H., Manager Stations WRC-WMAL

CLEVELAND, OHIO

Pribble, Vernon H., Manager, Station WTAM PHILADELPHIA, PA.

Joy, Leslie W., Manager, Station KYW

Stations Owned and/or Managed and/or Programmed by the

NATIONAL BROADCASTING COMPANY

WEAF	New YorkOwned, managed, operated and programmed by NBC
WJZ	New YorkOwned, managed, operated and programmed by NBC
WMAQ	ChicagoOwned, managed, operated and programmed by NBC
WENR	ChicagoOwned, managed, operated and programmed by NBC
WRC	WashingtonOwned, managed, operated and programmed by NBC
WTAM	ClevelandOwned, managed, operated and programmed by NBC
KPO	San FranciscoOwned, managed, operated and programmed by NBC
WMAL	Washington Owned by Evening Star Publishing Co. Managed, operated and programmed by the NBC.
KGO	San FranciscoOwned by General Electric Managed, operated and programmed by the NBC.
KOA	DenverOwned by General Electric Managed, operated and programmed by the NBC.
WGY	Schenectady Owned and operated by General Electric Managed and programmed by the NBC.
WBZ	Boston Owned and operated by Westinghouse Elec. & Mfg. Co. Programmed by the NBC.
WBZA	Springfield Owned and operated by Westinghouse Elec. & Mfg. Co. Programmed by the NBC.
KDKA	Pittsburgh Owned and operated by Westinghouse Elec. & Mfg. Co. Programmed by the NBC.
KYW	Philadelphia Owned and operated by Westinghouse Elec. & Mfg. Co. Programmed by the NBC.
KEX	Portland, Ore Owned by National Broadcasting Company Leased to, license held by, operated, managed and programmed by Oregonian Publishing Company.
KJR	SeattleOwned by National Broadcasting Company Leased to, license held by, operated, managed and programmed by Fishers Blend Station, Inc.
KGA	SpokaneOwned by National Broadcasting Company Leased to, license held by, operated, managed and programmed by Louis Wasmer.

REGIONAL ETWORK



Regional networks during 1938 not only held and consolidated their gains, but showed marked increase in billings generally. Probably one of the greatest aids to such revenue was the strong play given to the regionals by all political parties which have learned that the regional, intrastate and otherwise, is an easy package to clear and bandle.

Acceptance now of the regional goes without saying since it has proven its worth and developed talent of local pulling power apart from offering network service on a reduced scale to fit the sponsors' needs.

Advertisers have come to appreciate the fact that the well-conducted regional offers a sales service to a particular area much as a specialist offers his stock in trade with the resultant saving of lost motion and assurance of a program of interest to the area served.

While new regionals have come into being during the year as a special service for political and other advertisers, probably the most important development during the year was the formation of the Texas State Network, headed by Elliott Roosevelt.

The Alabama Network

c/o WSGN, Tutwiler Hotel, Birmingham, Ala. Phone: 4-3434 PERSONNEL

Secretary-Treasurer......Bascom H. Hopson STATIONS

WMFO, Decatur: WJBY, Gadsden: WJRD, Tuscaloosa; WSFA, Montgomery; WSGN, Birmingham.

POLICIES

Merchandising: Newspaper publicity is provided; wholesale outlets are contacted by personal calls and retail outlets are contacted by

Coverage: Primary area of the network comprises 29 counties in Alabama, reaching 209,329 of the state's 258,000 radio homes (81 per cent of total).

> NATIONAL REPRESENTATIVE Kelly-Smith Company

The Arizona Network

836 N. Central Ave., Phoenix, Ariz. PERSONNEL

Manager (KOY).....Fred A. Palmer Manager (KGAR)......F. P. Nelson Manager (KSUN)......Carleton Morris

STATIONS KOY, Phoenix; KGAR, Tucson; KSUN, Bis-

bee: KGLU, Safford. **POLICIES**

Advertising of alcoholic beverages not accepted.

> NATIONAL REPRESENTATIVE International Radio Sales

Associated Northwest Broadcasters

Hotel Radisson, Minneapolis, Minn. Phone: Bridgeport 3430 PERSONNEL

STATIONS

KATE, Albert Lea and Austin: KYSM, Mankato; KVOX, Moorhead; KROC, Rochester and Owatonna: KFAM, St. Cloud: KWNO, Winona. Coverage: Concentrated in central and southern Minnesota.

California Radio System

708 Eye Street, Sacramento, Calif. Phone: Main 5000 PERSONNEL.

STATIONS

KFBK, Sacramento; KFWB, Los Angeles; KYA, San Francisco; KFOX, Long Beach; KMJ, Fresno; KWG, Stockton; KERN, Bakersfield; KTMS, Santa Barbara.

POLICIES

Merchandising: Complete and thorough coverage of each of markets served is offered through the merchandising departments of the individual stations of the network.

Coverage: Network offers state coverage through the eight stations located in each of the first eight population centers of California.

> BRANCH OFFICES 366 Madison Ave., New York, N. Y. Phone: MUrray Hill 2-8690

501 Broadway Arcade Bldg.. Los Angeles, Calif. Phone: Tucker 8350

1814 Russ Bldg., San Francisco, Calif.
Phone: Douglas 2373

Central States Broadcasting System

Omaha (Nebr): Omaha National Bank Bldg. Lincoln (Nebr.): Hotel Lincoln PERSONNEL

President Frank D. T	hroop
General ManagerDon	Searle
Sales ManagerFrank Pel	llegrin
Chief Engineer	ullock

STATIONS

KFOR, Lincoln; KFAB, Lincoln; KOlL, Omaha. COVERAGE

Nebraska, Kansas, Western Iowa, Southeastern South Dakota, Southwestern Minnesota, Northwestern Minnesota.

POLICIES

Network does not broadcast liquor advertising or foreign language advertising.

Merchandising: Individual stations maintain merchandising facilities, including a planned 7-Point Selling Program.

REPRESENTATIVE
The Katz Agency

The Colonial Network

21 Brookline Ave., Boston, Mass. Phone: Commonwealth 0800 PERSONNEL

News Service ... Leland Bickford
Director of Publicity ... Al Stephenson
Technical Director ... Paul A. DeMars
Chief Engineer ... Irving Robinson
Sports Editor ... Richard McDonough
Manager of Artist Bureau ... Van D. Sheldon
Director of Public Relations ... Gerald Harrison
STATIONS

Key Station: WAAB, Boston; WEAN, Providence; WICC, Bridgeport and New Haven; WSAR, Fall River; WSPR, Springfield: WLBZ, Bangor; WFEA, Manchester; WTHT, Hartford; WNBH, New Bedford; WLLH, Lowell and Lawrence; WLNH, Laconia; WRDO, Augusta; WNLC, New London; WHAI, Greenfeld; WCOU, Lewiston and Auburn; WATR, Waterbury.

POLICIES

Colonial Network will take programs from or feed programs to the Mutual Broadcasting System, and WHN. No line charge for this service from WOR-MBS; no line charge to or from WHN.

Beer and wine contracts are acceptable: no hard liquor advertising is acceptable.

Special features include extensive news service and sports programs. Complete merchan-

dising department, production department and artist bureau are available to clients.

NATIONAL REPRESENTATIVE Edward Petry & Co., Inc.

Connecticut Broadcasting System

Address Individual Stations PERSONNEL

Manager	(WELI)	James	T. Milne
Manager	(WNBC)	Richard V	W. Davis
Manager	(WATR)		Thomas
	STA	TIONS	

WELI, New Haven; WNBC, New Britain; WATR, Waterbury.

NATIONAL REPRESENTATIVE Gene Furgason & Co.

Corn Belt Wireless Group

c/o WHO, Des Moines, Ia.
Phone: 3-7147
PERSONNEL

Vice-President J. O. Maland
Sales Manager Hale Bondurant
Technical Supervisor Paul A. Loyet
STATIONS

WHO, Des Moines; WOC, Davenport; WOW. Omaha. Additional stations can be selected by advertiser in Kansas City and Columbia, Mo.; Shenandoah, Mason City and Sioux City, la.; Rochester, Minn.; and Topeka, Kans.

POLICIES

This network is a service supplied by WHO. Des Moines, providing for rebroadcasting, without the use of lines, by other stations in the Middle West that can consistently pick up and rebroadcast its signal. Rate is the combination of the spot broadcasting rate of each station used, without any charge for lines. Contracts are made direct with individual stations as this is not an organized network but simply provides for an exchange of programs without use of lines.

NATIONAL REPRESENTATIVE Free & Peters, Inc.

Don Lee Broadcasting System

Don Lee Bldg., 1076 W. Seventh St., Los Angeles, Calif. Phone: Vandike 7111

San Francisco office: 1000 Van Ness Ave. PERSONNEL

V.P. & General Manager. Lewis Allen Weiss
Assistant Manager. Willet Brown
Program Director. Van Newkirk
Production Manager. Charles Penman
Publicity Director. Frances Zoloth

STATIONS

Southern California: KHJ, Los Angeles: KGB, San Diego: KDB, Santa Barbara: KFXM, San Bernardino: KPMC, Bakersfield; KVOE, Santa Ana: KXO, El Centro: KVEC, San Luis Obispo.

Northern California: KFRC, San Francisco; KQW, San Jose; KGDM, Stockton; KDON, Monterey; KIEM, Eureka; 'KTKC, Visalia.

* Supplementary.

Northwest (Oregon): KRNR, Roseburg; KALE, Portland; KSLM, Salem; KORE, Eugene; KOOS. Marshfield.

Northwest (Washington): KMO, Tacoma; KIT, Yakima; KPQ, Wenatchee; KVOS, Bellingham; KXRO, Aberdeen; KOL, Seattle; KGY, Olympia; KELA, Centralia; KRKO, Everett.

POLICIES

Advertising of beer and wine acceptable.

NATIONAL REPRESENTATIVE

John Blair & Co.

Georgia Broadcasting System

1420 Second Avenue, Columbus, Ga.
Phone: 4300

PERSONNEL

Executive Manager...........J. W. Woodruff, Jr. STATIONS

WATL, Atlanta; WRBL, Columbus; WGPC, Albany.

POLICIES

Advertising of alcoholic beverages not accepted, excepting beer and wine. Rates are for station time only, talent is extra. No contract is accepted for a period longer than one year. All contracted time must be used within that time. Program position subject to time available and to the approval of network management under FCC regulations.

Merchandising: Full merchandising service is available to advertisers, including embossed display signs.

Coverage: 125,940 radio homes; primary markets of west Georgia and eastern Alabama.

NATIONAL REPRESENTATIVE Sears & Ayer

Inter-City Broadcasting System

"The Independent Network of the North Atlantic Seaboard"

1657 Broadway, New York City Phone: Clrcle 6-2200

Chicago office: 360 N. Michigan Ave.
Phone: State 9493
PERSONNEL

Key Station: WMCA, New York City: WIP, Philadelphia: WDEL, Wilmington: WCBM, Baltimore: WOL, Washington: WGAL, Lancaster, Pa.; WORK, York, Pa.; WPRO, Providence: WMEX, Boston: WLAW, Lawrence.

COVERAGE

Linked together by permanent A. T. & T. lines, the ten stations of this network, covering the North Atlantic seaboard may be engaged collectively, in any combination, or individually.

The Iowa Network

Des Moines Register and Tribune Building, Des Moines, Ia.

Phone: 3-2111

Cedar Rapids Office: Paramount Theater Bldg. Waterloo Office: Russell Lamson Hotel

PERSONNEL.

President Gardner Cowles, Jr.
Vice-Presiden John Cowles
Vice-President and Treasurer Luther L. Hill
Vice-President Sumner Quarton
Commercial Manager Craig Lawrence
National Sales Manager H. T. Enns

STATIONS

KSO, Des Moines; KRNT. Des Moines; WMT. Cedar Rapids, Waterloo; Supplementary Station, WNAX, Yankton, S. D.

POLICIES

Political advertising copy must be submitted 24 hours in advance. Payment for political advertising must be paid 24 hours in advance.

Network maintains an experienced merchandising staff for dealer calls and surveys, reports confidential. Program publicity available on street car cards, billboards, movie trailers and radio columns.

NATIONAL REPRESENTATIVE The Katz Agency

Mason-Dixon Radio Group

8 W. King St., Lancaster, Pa.
PERSONNEL

General Manager.......Clair R. McCollough STATIONS

WORK, York, Pa.; WDEL, Wilmington, Del.; WGAL, Lancaster, Pa.; WAZL, Hazleton, Pa.; WEST, Easton, Pa.; WILM, Wilmington, Del.

MERCHANDISING

Personal calls on trade, newspaper publicity, letters to the trade, personal assistance to manufacturers' salesmen.

NATIONAL REPRESENTATIVE Paul H. Raymer Co.

Michigan Radio Network

Operated by the King-Trendle Broadcasting Corp.

Stroh Bldg., Detroit, Mich. Phone: Cherry 8321 PERSONNEL

WXYZ, Detroit (Key Station); WBCM, Bay City; WFDF, Flint; WJIM. Lansing; WIBM. Jackson; WELL, Battle Creek; WKZO, Kalamazoo; WOOD-WASH, Grand Rapids.

POLICIES

Network does not accept foreign language programs. Liquor advertising is not broadcast until after 9:00 P. M. and is subject to the approval of the Michigan State Liquor Commission.

The Michigan Network territory includes the lower peninsula of Michigan with a pri-

mary coverage of over four million people in Michigan's eight largest cities.

Merchandising: The Michigan Radio Network maintains a supplementary service for advertising agencies and advertisers available through fully staffed program, continuity, publicity, merchandising and research departments.

REPRESENTATIVE

Paul H. Raymer Co.

Northwest Triangle Chain

Address Individual Stations
PERSONNEL

KOMO, Seattle; KJR, Seattle; KHQ, Spokane; KGA, Spokane; KGW, Portland; KEX, Portland. POLICIES

Network policies are maintained in accordance with policies of individual stations.

REPRESENTATIVE Edward Petry & Co.

The Oklahoma Network

"Complete Coverage at Minimum Cost" 1800 West Main St., Oklahoma City, Okla.

Phone: 3-4881 PERSONNEL

President Ross U. Porter
Vice-President Tams Bixby, Jr.
Secretary Kenyon M. Douglass
Treasurer Albert Riesen
Managing Director Kenyon M. Douglass
STATIONS

Key Stations: KTOK, Oklahoma City; KGFF, Shawnee; KBIX, Muskogee; KCRC, Enid; KVSO, Ardmore; KADA, Ada; KOME, Tulsa. POLICIES

The Oklahoma Network accepts beer advertising. All stations are affiliated with the Mutual Broadcasting System.

The network offers a complete merchandising service, the details of which may be obtained upon request by addressing the managing director.

NATIONAL REPRESENTATIVE Joseph Hershey McGillvra

Pacific Broadcasting Co.

914½ Broadway, Tacoma, Wash.
Phone: Main 4144
PERSONNEL

Oregon: KALE, Portland: KSLM, Salem; KOOS, Marshfield; KRNR, Roseburg; KORE, Eugene.

Washington: KGY, Olympia; KELA, Centralia; KIT, Yakima; KOL, Seattle; KPQ, Wenatchee; KVOS, Bellingham; KXRO, Aberdeen; KRKO, Everett.

POLICIES

Agency commission 15 per cent on net station time to accredited agencies. No cash dis-

counts. All discounts predicated upon the fulfillment of contracts within a 12 month period dating from the first broadcast. Contracts and copy subject to the approval by the network manager.

Merchandising: Network issues monthly publication, "Pacific Northwest Information Bureau."

Coverage: Network outlets in each of the 10 primary markets of Washington and 5 primary markets of Oregon. Nine out of ten radio homes in these areas within 25 miles of a Pacific Broadcasting Co. outlet. Eighty per cent of all retail sales for the entire territory covered come from within 25 miles of some Pacific Broadcasting Co. outlet.

NATIONAL REPRESENTATIVE John Blair & Co.

Quaker Network

Widener Bldg., Philadelphia, Pa. Phone: Rittenhouse 6900 PERSONNEL

WFIL, Philadelphia; WRAW, Reading; WEST, Easton; WORK, York; WAZL, Hazleton; WGAL, Lancaster; WGBI, Scranton; WBRE, Wilkes Barre; WKBO, Harrisburg; WKOK, Sunbury; WRAK, Williamsport; WFBG, Altoona; WJAC, Johnstown; WLEU, Erie; WTBO, Cumberland, Md.; WWSW, Pittsburgh; WSAN, Allentown.

The Texas Quality Network

Address Individual Stations

The Texas Quality Network has no officers or directors, each outlet being a sales office for the other.

STATIONS

WFAA, Dallas; WBAP, Fort Worth; WOAI, San Antonio; KPRC, Houston.

POLICIES

Advertising of alcoholic beverages not ac-

cepted, excepting beer.

All contracts subject to network approval.

government regulations, the NAB Code of Ethics for the Radio Broadcasting industry and to the conditions of the standard AAAA contract form.

NATIONAL REPRESENTATIVE Edward Petry & Co., Inc.

Texas State Network

1201 West Lancaster Ave., Fort Worth, Texas
Phone: 3-3474
PERSONNEL

President Elliot Roosevelt
Executive Vice-President Neal Barrett
General Manager Harry A. Hutchinson
V-P in Chg. of Station Operations, Sam H. Bennett
Treasurer Harold M. Higgins
Secretary Mary Virginia Murphy
Musical Director Ralph Rose
Publicity & Civic Program

Director Forrest W. Clough Assistant Musical Director George McCullough Production Director Stephen R. Wilhelm Chief Engineer......Truett Kimzey Script Director......Paul De Fur Director of Women's Programs.....Gail Northe Traffic Manager...........Dorothy M. Smith Sports Supervisor......Zack Hurt John Hopkins, Frank Parker, Tom A. Hudson.

STATIONS

KRBC, Abilene; KGNC, Amarillo; KNOW, Austin; KRIC, Beaumont; KBST, Big Spring; KRIS, Corpus Christi; KAND*, Corsicana; WRR, Dallas: KFJZ, Fort Worth: KTAT, Fort Worth: KLUF, Galveston: KXYZ, Houston: KFRO*, Longview; KFYO, Lubbock; KPLT*, Paris; KGKL, San Angelo; KABC, San Antonio; KRRV*, Sherman-Denison; KTEM*, Temple; KCMC, Texarkana; KGKB, Tyler; WACO, Waco; KRGV, Weslaco.

* Operate daytime only.

POLICIES

Coverage: The 23 daytime and 18 evening stations of the Texas State Network assure delivery of advertisers' message into primary areas of the individual member stations in which most of Texas' six million people live.

Merchandising: Each station of the TSN maintains a merchandising staff to work with sponsors in field work.

> NATIONAL REPRESENTATIVE International Radio Sales

The Virginia Broadcasting System

"Covering Virginia's Richest Markets" 323 East Grace St., Richmond, Va. Phone: 3-4242

PERSONNEL

PresidentEarl Sowers STATIONS

WRNL, Richmond, Va.; WCHV, Charlottesville, Va.; WBTM, Danville, Va.; WLVA. Lynchburg, Va.; WGH, Newport News, Va. NATIONAL REPRESENTATIVE

Burn-Smith Co.

West Virginia Network

WCHS Auditorium, Charleston, W. Va. PERSONNEL

PresidentJohn	1 <i>I</i>	٩.	Kennedy
Managing DirectorHowa	ırd	L.	Chernoff
Program Director & Artist			

Flogram Director & Artist
Bureau HeadN. Pagliara
Chief EngineerO. Robinson
Dramatic DirectorJames C. Parrill
Musical DirectorPhyllis D. Vickers
Publicity DirectorCaroline E. Johnson
STATIONS

WCHS, Charleston: WPAR, Parkersburg: WBLK, Clarksburg.

POLICIES

Advertising of alcoholic beverages cepted.

> NATIONAL REPRESENTATIVE The Branham Co.

Wisconsin Radio Network

c/o KFIZ, Fond Du Lac, Wisc, Phone: 356

PERSONNEL

President......Rev. James O. Wagner STATIONS

KFIZ, Fond Du Lac; WHBY, Green Bay; WIBU, Poynette; WHBL, Sheboygan.

The Yankee Network

"Covering New England"

21 Brookline Ave., Boston, Mass. Phone: Commonwealth 0800 PERSONNEL.

President.....John Shepard 3rd V-P in Chq. of Operations......R. L. Harlow V-P in Chg. of Sales & Production . . Linus Travers Sales Promotion & Merchandising

Manager......Carleton McVarnish Editor of Yankee Network

News Service.....Leland Bickford Technical Director......Paul A. De Mars Chief Engineer......Irving Robinson Sports Editor......Richard McDonough Director Home Economics......G. McMullen Manager of Yankee Network

Artists Bureau.........Van D. Sheldon STATIONS

WNAC, Boston; WTIC, Hartford; WEAN, Providence; WTAG, Worcester; WICC, Bridgeport and New Haven; WCSH, Portland; WLBZ, Bangor: WFEA, Manchester: WSAR, Fall River: WNBH. New Bedford: WLLH, Lowell and Lawrence; WLNH, Laconia; WRDO, Augusta; WNLC, New London; WHAI, Greenfield; WCOU, Lewiston and Auburn.

POLICIES

Yankee Network will take programs from or feed programs to WOR or WHN, provided the program is broadcast only in New York City and New England. No line charge for this service from WOR; no line charge to or from WHN.

Beer and wine contracts acceptable: no hard liquor advertising acceptable.

Special features include extensive news service, sports and home economic programs, the latter limited to four non-competing clients daily. Complete merchandising department, production staff and artists bureau are available to clients.

NATIONAL REPRESENTATIVE Edward Petry & Co., Inc.

Z Net

P. O. Box 1956, Butte, Montana Phone: 22-3-44

PERSONNEL

Manager.....E. B. Craney

STATIONS

KGIR, Butte: KPFA, Helena. NATIONAL REPRESENTATIVE Gene Furgason & Co.

Canadian Broadcasting Corp.

One Hayter St., Toronto, Ont., Canada Montreal office: 1231 St. Catherine St., West. STATIONS

The national network of the Canadian

Broadcasting Corporation is broken down into the following regional groups:

Maritime Regional Network: CJCB, Sydney: CHNS, Halifax: CFCY, Charlottetown: CKCW, Moncton: CHSJ, Saint John: CFNB, Frederic-

Ontario Regional Network: CBO, Ottawa; CFRC, Kingston; CBL, Toronto; CKLW, Windsor; CKSO, Sudbury; CFCH, North Bay; CJKL, Kirkland Lake; CKGB, Timmins; CKPR, Fort William.

Quebec Regional Network: CHNC, New Carlisle; CJBR, Rimouski; CBJ, Chicoutimi; CBV, Quebec; CBF (French), Montreal; CBM (English), Montreal.

Prairie Regional Network; CKY, Winnipeg; CKX, Brandon; CKCK, Regina; CHAB, Moose Jaw: CFQC, Saskatoon; CKBI, Prince Albert; CJCA, Edmonton; CFAC, Calgary; CJOC, Lethbridge.

British Columbia Network: CFCJ, Kamloops; CKOV, Kelowna; CJAT, Trail; CBR, Vancouver.

POLICIES

All contracts are accepted subject to the Broadcasting Act (Canada), Broadcasting Regulations and the approval of the Canadian Broadcasting Corp.

Dominion Broadcasting Co.

4 Albert St., Toronto, Ont., Canada Phone: Adelaide 3383

PERSONNEL

ManagerHalB.WilliamsProduction ManagerDon CopelandStation DirectorStan Francis

STATIONS

Network comprised of all or any of the following stations: CHGS. Summerside, Prince Edward Isle; CFCY. Charlottetown, Prince Edward Isle; CJCB, Sydney, Nova Scotia: CHNS. Halifax, Nova Scotia: CHSJ, St. John, New Brunswick; CFNB, Fredericton, New Brunswick; CHLT, Sherbrooke, Quebec; CHLN, Three Rivers, Quebec; CHRC, Quebec, Quebec; CKAC, Montreal, Quebec; CKCH, Hull, Quebec; CKCO, Ottawa, Ontario; CKPR, Fort William, Ontario; CKSO, Sudbury, Ontario; CKGB, Timmins, Ontario; CJKL, Kirkland Lake, Ontario; CFRB, Toronto, Ontario; CKPC, Brantford, Ontario; CKOC. Hamilton, Ontario; CKTB,

St. Catharines, Ontario; CFPL, London, Ontario; CFCO, Chatham, Ontario; CKLW, Windsor, Ontario; CKY, Winnipeg, Manitoba; CKBI, Prince Albert, Saskatchewan; CJGX, Yorkton, Saskatchewan; CFQC, Saskatoon, Saskatchewan; CKCK, Regina, Saskatchewan; CHAB, Moose Jaw, Saskatchewan; CJRM, Moose Jaw, Saskatchewan; CFRN, Edmonton, Alberta; CFCN, Calgary, Alberta; CJOC, Lethbridge, Alberta; CKOV, Kelowna, British Columbia; CFJC, Kamloops, British Columbia; CKWX, Vancouver, British Columbia; CFCT, Victoria, British Columbia

The stations of the Dominion Broadcasting Co. are grouped regionally as follows:

Eastern Network: CFRB, Toronto; CKLW, Windsor; CKCO, Ottawa; CKAC, Montreal; CHRC, Quebec.

Supplementary to Eastern Network: CKOC, Hamilton; CHML, Hamilton; CFCO, Chatham; CKPC, Brantford; CKTB, St. Catharines; CFRC, Kingston.

Western Network: CKY, Winnipeg: CHWC, Regina; CHAB, Moose Jaw: CFQC, Saskatoon: CFRN, Edmonton: CFCN, Calgary: CKWX, Vancouver.

Supplementary to Western Network: CFCH. North Bay: CKSO, Sudbury: CKPR. Fort William: CJOC, Lethbridge: CKOV, Kelowna: CFLC, Kamloops: CJAT, Trail: CFCT, Victoria.

Maritime Network: CKCW, Moncton: CFNB, Fredericton: CHSJ, Saint John: CHNS, Halifax: CFCY, Charlottetown.

Supplementary to Maritime Network: CJCB, Sydney; CJLS, Yarmouth,

POLICIES

All programs are subject to the approval of the Dominion Broadcasting Co.

Services of artists' bureau, program department and announcers in arranging and presenting programs are included without extra charge.

The Foothills Network

804-805 Southam Bldg., Calgary, Alta., Canada Phone: R 2021

PERSONNEL

CFAC, Calgary: CJOC, Lethbridge: CJCA. Edmonton: CFGP, Grande Prairie.

POLICIES

Coverage: Province of Alberta.

NATIONAL REPRESENTATIVES
All-Canada Radio Facilities Ltd.

Weed & Company

NETWORK □ RESUME



EXPANSION keynoted major network activity during 1938, a total of 68 outlets being added to the Coast-to-Coast chains. Of this number, CBS added 10 stations, bringing its network up to a strength of 117 and maintaining its status as the country's largest individual web, as of January 1, 1939.

NBC added 23 additional outlets to its Red and Blue networks, some going to the former or latter and others being optional for either web. In some instances the additions to the web were set down as bonus stations, all depending on the market in question. The combined Red and Blue networks totaled 166 stations, including the M & O and affiliated outlets, as of January 1, 1939.

MBS took on 35 additional affiliates during 1938, the major deal being the expansion of MBS in the Southwest with the adding of the newly organized Texas State Network, which supplied 23 out of the total number that joined MBS during the year. This gives Mutual 110 outlets, as of January 1, 1939.

Other lines of expansion for CBS and NBC were the new, elaborate studios opened on the Coast to facilitate the ever-growing number of big productions originating in Hollywood.

Specialized sales plans were put through by NBC in behalf of its Blue network and this web received substantial promotional and reorganizational backing. CBS did as much for its key stations, including WABC, which received centralized sales attention.

Union activity found the network ready to accept more than its share of the added financial burden and responsibility, particularly in the case of the American Federation of Radio Artists, the nets first signing sustaining contracts and then coming to the rescue of the agency and his client by being the guaranter of the AFRA Code.

HOW TO

behave in RADIO

Accepted radio behaviour during the year 1939 will demand the continued and intensive use of WOR... the station that is carrying more national spot programs than any station anywhere into the majority of more than 4,250,000 radio homes in 408 cities in 63 counties in 7 states.

further facts may be obtained by addressing— Sales Office, WOR, 1440 Broadway in New York



STATIONS

of the United States



Standard

Experimental

International

Canada

High-Frequency

Mexico

Cuba

Newspaper Owned Stations

F.C.C. Application Regulations

Canada Survey



The Addition that Apeals your language! Metropolitan New York whose annual spendable income reaches as high as \$5,000 per family. METROPOLITAN STATION COSMOPOLITAN AUDIENCE

STANDARD STATIONS

OF THE UNITED STATES

Call Letter—City—Power in Watts—Frequency in Kilocycles and Page Number Providing Complete Station Information

Key to Abbreviations: C.P.—Construction Permit; S.A.—Special Authorization; d—daytime; n—night.



Call Letter	City	Frequency in Kilocycles	Power in Watts	See Page
KABC	 San Antonio, Tex	1420	250 d., 100 n.	389
KABR	 Aberdeen, S. Dak	1390	1000 d., 500 n.	371
KADA	 Ada, Okla	1200	100	345
KALB	 Alexandria, La	1210	250 d., 100 n.	261
KALE	 Portland, Ore	1300	1000	352
KAND	 Corsicana, Tex	1310	100	381
KANS	 Wichita, Kans.	1210	100	257
KARK	 Little Rock, Ark	890	1000 d., 500 n.	191
KARM	 Fresno, Calif.	1310	100	195
KASA	 Elk City, Okla	1210	100	346
KAST	 Astoria, Ore.	1370	100	
	(.P. 1200	250 d., 100 n.	351
KATE	 Albert Lea, Minn	1420	250 d., 100 n.	282
KAWN	 Gallup, New Mex	1500	250 d., 100 n,	307
KBIX	 Muskogee, Okla	1500	100	346
KBKR	 Baker, Ore	'.P. 1500	250 d., 100 п.	351
KBND	 Bend, Ore	°.P. 1310	250 d., 100 n.	351
KBPS	 Portland, Ore	1120	100	353
KBST	 Big Spring, Tex	1500	100	379
квтм	 Jonesboro, Ark	1200	100	190
KCKN	 Kansas City, Kan	1310	100	255
KCMC	 Texarkana, ArkTex.	1420	250 d., 100 n.	391
ксмо	 Kansas City, Mo	1370	100	
	(C.P. 1450	1000	290
KCRC	 Enid, Okla	1360	250	346
KCRJ	 Jerome, Ariz	1310	250 d., 100 n.	187
KDAL	 Duluth, Minn.	1500	100	282
крв .	 Santa Barbara, Calif	1500	250 d., 100 n.	206
KDFN	 Casper, Wyo,	1440	500	414
KDKA	 Pittsburgh, Pa	980	50000	361
KDLR	 Devils Lake, N. Dak	1210	250 d., 100 п.	329
KDNT	 Deuton, Tex	1420	100	382
KDON	 Monterey, Calif	1210	100	200
KDTH	 Dubuque, Ia.	C.P. 1340	500	250
KDYL	 Salt Lake City, Utah	1290	5000 d., 1000 n.	393
КЕСА	 Los Angeles, Calif	1430	5000 d., 1000 n.	197
KEEN	 Seattle, Wash	1370	100	102
кене	 Los Angeles, Calif	780	5000 d., 1000 n.	197
KELA	 Between Centralia and Chehalis, Wash.	1440	500	401
KELD	 El Dorado, Ark	1370	100	190
KELO	 Sioux Falls, S. Dak	1200	100	372
KERN	 Bakersfield, Calif	1370	100	193
KEUB	 Price, Utah	1420	100	393
KEX .	Portland, Ore.	1180	5000	353

Call Letter		City	Frequency in Kilocycles	Power in Watts	See Page
KFAB .		Lincoln, Nebr.	770	10000	299
KFAC		Los Angeles, Calif	1300	1000	197
KFAM .		St. Cloud, Minn	1420	250 d., 100 п.	285
KFAR		Fairbanks, Alaska	C.P. 610	1000	415
FBB .	<i>.</i>	Great Falls, Mont	1280	5000 d., 1000 n.	296
FBI .		Abilene, Kans	1050	5000	254
FBK .		Sacramento, Calif	1490	10000	201
KFDA		Amarillo, Tex	C.P. 1500	100	378
FDM .		Beaumont, Tex	560	1000 d., 500 n.	379
		Brookings, S. Dak	780	1000	371
		Denver, Colo	920	500	209
		St. Joseph, Mo	680	2500	293
FGQ .		_	1370	100	248
		•			
		Wichita, Kansas	1300	5000 d., 1000 n.	257
F1		Los Angeles, Calif	640	50000	197
FIO .	· · ·	Spokane, Wash	1120	100	404
		Fond Du Lac, Wisc	1420	100	409
FJB .		Marshalltown, 1a	1200	250 d., 100 n.	251
FJI .	<i>.</i>	Klamath Falls, Ore	1210	100	35
FJM .		Grand Forks, N. Dak	1410	1000 d., 500 n,	336
FJZ .		Fort Worth, Tex	1370	250 d., 100 n.	383
FKA .		Greeley, Colo	880	1000 d., 500 n.	21
FKU .		Lawrence, Kansas	1220	5000 d., 1000 n.	256
FNF		Shenandoah, Ia	890	1000 d., 500 n.	
				С.Р. 5000 д., 1000 п.	251
FOR .		Lincoln, Nebr	1210	250 d.,100 n.	299
FOX		Long Beach, Calif	1250	1000	
10.1		Ziong Ziviqui, Vitamini		C.P. 5000 d.	198
FPL .		Dublin, Tex	1310	250 д., 100 п.	382
		Fort Smith, Ark		100	190
			1210		404
		Spokane, Wash.	890	5000 d., 1000 n.	
FQD .		Anchorage, Alaska	780	250	414
FRC		San Francisco, Calif	610	5000 d., 1000 n.	202
FRO .		Longview, Tex	1370	250	386
FRU		Columbia, Mo	630	1000 d., 500 n.	289
FSD .		San Diego, Calif	600	1000	209
FSG .	.	Los Angeles, Calif	1120	2500 d., 500 n.	19
FUO .		Clayton, (St. Louis) Mo	550	1000 d., 500 n.	29:
FVD .	.	Los Angeles, Calif	1000	1000	193
FVS .		Cape Girardeau, Mo	1210	250 d., 100 n,	289
FWB .		Los Angeles, Calif	950	5000 d., 1000 п.	193
FXD		Nampa, Idaho	1200	250 d., 100 n.	230
FXJ .		Grand Junction, Colo	1200	250 d., 100 п.	21
FXM		San Bernardino, Calif	1210	100	20
			1310	250 d., 100 n.	38'
	 	Bismarck, N. Duk	550	5000 d., 1000 п.	329
GA		•	1470	5000	40.
		Tucson, Ariz.	1370	250 d., 100 п.	18
			1330	1000	20
	· · ·	_			
			900	500	41:
	· · ·		1230	500	29
			1270	100	24
(GCI				100	22
GCU		Mandan, N. Dak	1240	\$50	330
GCX	<i>.</i>	Wolf Point, Mont.	1450	1000	291
GDE		Fergus Falls, Minn	1200	250 d., 100 n.	28
GDM		Stockton, Calif	1100	1000	20

Call Letter		City	Frequency in Kilocycles	Power in Watts	See Page
		Sterling, Colo.	1200	100	311
KGER	· · ·	Long Beach, Calif	1360	1000	196
	· · •	Kalispell, Mont.	1310	100	297
	· · ·	Shawnee, Okla.	1420	250 d., 100 n.	349
	· · ·	Brownsville, Tex	1500	250 d., 100 n.	380
KGFJ	· · ·	Los Angeles, Calif	1200	100	198
KGFL	· · •	Roswell, New Mex.	1370	100	307
	· · ·	Kearney, Nebr	1310	250 d., 100 п.	298
	· · ·	Pierre, S. Dak	630	200	371
KGGF	· · ·	Coffeyville, Kans	1010	1000	254
KGGM		Albuquerque, N. Mex	1230	1000	306
KGHF		Pueblo, Colo	1320	500	211
KGHI	· · ·	Little Rock, Ark	1200	250 d., 100 n.	191
KGHL	· · ·	Billings, Mont.	780	5000 д., 1000 п.	290
KGIR		Butte, Mont.	1340	5000 d., 1000 n.	296
KGIW		Alamosa, Colo.	1420	100	208
KGKB		Tyler, Tex	1500	250 d., 100 п.	391
KGKL		San Angelo, Tex	1370	250 d., 100 п.	388
KGKO	.	Fort Worth, Tex	570	5000 d., 1000 n.	383
KGKY		Scottsbluff, Nebr	1500	250 d., 100 n.	301
KGLO		Mason City, In	1210	250 d., 100 n.	251
KGLU		Safford, Ariz	1420	250 d., 100 п.	188
ксмв		Honolulu, Hawaii	1320	1000	415
KGNC		Amarillo, Tex	1410	2500 d., 1000 п.	378
KGNF		North Platte, Nebr	1430	1000	300
KGNO		Dodge Clty, Kans	1340	250	254
KGO .		San Francisco, Calif	790	7500	203
KGU .		Honolulu, Hawaii	750	2500	416
KGVL		Greenville, Tex	C.P. 1200	100	385
KGVO		Missoula, Mont	1260	5000 d., 1000 n.	297
GW		Portland, Ore.	620	5000 d., 1000 n.	353
KGY .		Olympia, Wash,	1210	100	402
	.	Hilo, Hawaii	1400	250	415
кнвс		Okmulgee, Okla	1210	100	349
кнј .	.	Los Angeles, Calif	900	5000 д., 1000 п.	198
		Spokane, Wash.	590	5000 d., 1000 n.	405
		Chico, Calif	1260	250	194
		Watsonville, Culif	1310	250	207
		Clovis, New Mex	1370	100	307
		Idaho Falls, Idaho	1320	5000 d., 500 n.	229
	.	Boise, Idaho	1350	2500 d., 1000 n.	229
	· · ·	Lamar, Colo.	1420	100	
KIEM	· · ·	Eureka, Calif.	1450	1000 d., 500 п.	211
KIEV		Glendale, Calif.	850	250	195 195
KINY		Turning Alaska	1430	250	
	· · ·		650	250	415
NIIVO		Seattle, Wash	S.A. 710	1000	402
r. 1 (D)		V. Istone Work			
	· · ·	Yakima, Wash.	1250	1000 d., 500 n.	406
		Kansas City, Mo	1530	1000	290
		Garden City, Kuns	1210	100	255
		Pecos, Tex.	1370	100	388
	· · ·	Durango, Colo.	1370	100	210
		San Francisco, Calif	1070	500	203
	· · ·	Seattle, Wash.	970	5000	40 3
	· · ·	Carlsbad, New Mex	1210	250 d., 100 n.	306
	· · ·	La Grande, Ore	1420	250 d., 100 п.	352
KLCN .		Blytheville, Ark	1290	100	189

Call Letter		City	Frequency in Kilocycles	Power in Watts	See Page
KLO.		Ogden, Utah	1400	500	
				C.P. 5000 d., 1000 n.	399
KLPM		Minot, N. Dak	1360	1000 d., 500 n.	33
KLRA	<i>.</i>	Little Rock, Ark	1390	5000 d., 1600 n.	19
KLS .		Oakland, Calif,	1280	250	20
LUF		Galveston, Tex	1370	250 d., 100 п.	388
KLX .	.	Oakland, Calif	880	1000	20
KLZ .		Denver, Colo	560	5000 d., 1000 n.	209
KMA .		Shenandoah, Iowa	930	5000 d., 1000 n.	25
MAC		San Antonio, Tex	1370	250 d., 100 n.	381
мвс		Kansas City, Mo	950	5000 d., 1000 п.	29
MED		Medford, Ore.	f410	250	35
MJ .		Fresno, Calif.	580	1000	19
MLB		Monroe, La	1200	250 d., 100 п.	26
MMJ		Clay Center, Nebr	740	1000	29
		Tacoma, Wash	1330	1000	40
MOX			1090	50000	29
		Beverly Hills, Calif	710	500	19
KMTR		Los Angeles, Calif	570	1600	[9:
KNEL		Brady, Tex.	1500	250	37
		Palestine, Tex.	1420	100	38
(NOW		Austin, Tex.	1500	100	
				С.Р. 250 d.	37
NX .		Los Angeles, Calif	1050	50000	199
OA .	.	Denver, Colo	830	50000	209
OAC		Corvallis, Ore	550	1000	35
COAM		Pittsburg, Kans	790	1000	25
ков .		Albuquerque, New Mex	1180	10000	306
овн		Rapid City, S. Dak	1370	250 d., 100 n.	37
OCA		Kllgore, Tex.	1210	250 d., 100 n.	386
COCY		Oklahoma City, Okla.	1310	250 d., 100 п.	34
		Reno, Nev.	1380	500	30
		Omaha, Nebr.	1260	5000 d., 1000 n,	300
		Portland, Ore	940	5000 d., 1000 n.	35
		La Junta, Colo	1370	100	21
		Seattle, Wash.	1270	5000 d., 1000 n.	-10
			1480	5000 (1., 1000 11.	34
COMA		Oklahoma City, Okla			
COME		Tulsa, Okla		250	34
		Seattle, Wash	920	5000 d., 1000 n.	40
		San Antonio, Tex	1370	250 d., 100 n.	38
		Marshfield, Ore	1200	250 d., 100 n.	35
ORE		Eugene, Ore	1420	100	35
OTN		Pine Bluff, Ark	1500	100	19
COVC		Valley City, N. Dak	1500	250 d., 100 n.	33
KOY .		Phoenix, Ariz	1390	1000	18
CPAB		Laredo, Tex	1500	250 d., 100 n.	38
CPAC		Port Arthur, Tex.	1260	500	38
(PDN		Pampa, Tex	1310	100	38
(PFA		Helena, Mont	1210	250 d., 100 n.	29
(PLC		Lake Charles, La	1500	250 d., 100 n.	26
		Paris, Tex.	1500	250	38
		Bakersfield, Calif.	1550	1000	19
			680	50000	20
			880	1000	30
	 		1210	100	\$0
KPQ .			1500	250 d., 100 n.	10
		. Chartery I don't have been been been been been been been be			

Call Letter	-v. mir	City	Frequency in Kilocycles	Power in Watts	See Pag
KQV . KQW .	: :		1380 1010	1000 d., 500 n. 1000	36
KDDA				C.P. 5000 d.	20
KRBA			1310	100	38
KRBC		. Abilene, Tex.	1420	250 d., 100 n.	37
KRBM		Bozeman, Mont.		250 d., 100 n.	29
KRE .		. Berkeley, Calif	1370	250 d., 100 n.	19
KRGV	•	. Weslaco, Tex.	1260	1000	39
KRIC		Beaumont, Tex.	1420	250 d., 100 n.	37
KRIS		Corpus Christi, Tex	1330	500	38
KRKD KRKO		Everett, Wash.	1120 1370	2500 d., 500 n. 50	19
KRLC		Lewiston, Idaho	1390	250	40
KRLD		Dallas, Tex.	1040	10000	22
	•	2		C.P.50000	38
KRLH		. Midland, Tex	1420	100	38
KRMC		. Jamestown, N. Dak	1370	250 d., 100 n.	33
KRMD		. Shreveport, La	1310	250 d., 100 n.	20
KRNR		. Roseburg, Ore	1500	250 d., 100 п.	35
KRNT		. Des Moines, Iowa	1320	5000 d., 1000 n.	24
KROC		. Rochester, Minn	1310	250 d., 100 n.	28
KROD		. El Paso, Tex	C.P. 1500	100	38
K BO W		. Oakland, Calif	930	1000	20
KROY		. Sacramento, Calif	1210	100	20
KRQA		Sante Fe, New Mexico	1310	100	30
KRRV		. Sherman, Tex	1310	250	39
KRSC		. Seattle, Wash	1120	250	40
KSAC		. Manhattan, Kans	580	1000 d., 500 n.	25
KSAL		. Salina, Kans	1500	250 d., 100 n.	25
KSAM		. Huntsville, Tex	1500	100	38
KSAN		. San Francisco, Calif	1420	100	20
KSCJ		Sioux City, Ia	1330	5000 d., 1000 n.	25
KSD .			550	5000 d., 1000 n.	29
KSEI		Pocatello, Idaho	900	1000 d., 250 n.	23
KSFO KSL .		San Francisco, Calif	560	5000 d., 1000 n.	20
KSLM	· ·	Salt Lake City, Utah	1130	50000	39
Karat			1370 C.P. 136 0	100 500	.,.
KSO .		Des Moines, Iowa	1430	5000 d., 1000 n.	35
KSOO		Sioux Falls, S. Dak	1110	5000 (1., 1000 H.	25 37
KSRO			1310	25000 d., 10000 n.	20
KSTP			1460	250 d., 100 п.	211
(7 (N.T.)				C.P.50000	28
KSUB		Cedar City, Utah	1310	100	39
KSUN		Lowell, Ariz.	1200	250 d., 100 п.	18
KTAR		Phoenix, Ariz.	620	1000	18
KTAT KTBC		Fort Worth, Tex	1240	1000	38
KTBS		Austin, Tex Shreveport, La	1120	1000	37
KTEM		· · · · · · · · · · · · · · · · · · ·	1450	1000	26
KTFI			1370 1240	250	39
THS		Hot Springs National Park, Ark	1040	1000	23
KTKC		Visalia, Calif.	1190	16000 250	19
KTMS			1220	500	20
ктон		Lihue, Hawaii		250 d., 100 n.	20
KTOK		Oklahoma City, Okla	1370	100	41 34
TRB		Modesto, Calif.	740	250	20
KTRH		Houston, Tex.	1290	500 0 d., 1000 n.	38
TRI	·		1420	250 d., 100 n.	25
(TSA			550	5000 d., 1000 n.	38
KTSM		El Paso, Tex	1310	250 d., 100 n.	38
KTSW		Emporia, Kans		250 d., 100 п.	25
KTUL		Tulsa, Okla	1400	5000 d., 1000 n.	35
TW.		Seattle, Wash	1220	1000	40
CUJ.		Walla Walla, Wash	1370	100	40
KUMA		Yuma, Arîz	1420	100	18
CUOA		Siloam Springs, Ark	1260	5000	19
KUSD		Vermillion, S. Dak	890	500	37
KUTA		Salt Lake City, Utah	1500	100	39
CVAK		Atchison, Kans.		100	25
KVAN		Vancouver, Wash,		250	40
KVCV		Redding, Calif	1200	100	20
VEC		San Luis Obispo, Calif	1200		

Call Letter	City	Frequency in Kilocycles	Power in Watts	See Page
KVGB	Great Bend, Kans	1370	100	255
KVI.	Tacoma, Wash	570	5000 d., 1000 n.	405
KVNU	Logan, Utah		100	392
K VOA K VOD	Tucson, Arlz	1260 920	1000 500	189 210
KVOE	Santa Ana, Calif	1500	100	205
KVOL	Lafayette, La	1310	250 d., 100 n.	262
KVOO	Tulsa, Okla	1140	25000	350
KVOR	Colorado Springs, Colo	1270	1000	208
KVOS	Bellingham, Wash	1200	100	401
KVOX	Moorhead, Minn	1310 1370	250 d., 100 n. 250 d., 100 n.	284 414
KVSO	Ardmore, Okla.	1210	250 d., 100 n. 250 d., 100 n.	345
KVWC	Vernon, Tex.		100	391
KWAL	Wallace, 1da		250 d., 100 п.	230
KWBG	Hutchinson, Kans	1420	100	255
KWEW	Hobbs, New Mexico	1500	100	307
KWFT	Wichita Falls, Tex		1000 d., 250 n.	392
KWG.	Stockton, Calif	1200	100	207
KWJB KWJJ	Globe, Ariz	1060	250 d., 100 n.	187
K W JJ		S.A. 1040	500	954
KWK.	St. Louis, Mo	1350	5000 d., 1000 n.	354 294
KWKH	Shreveport, La.	850	10000	A+7-1
		S.A. 1100	2000	265
KWLC	Decorah, Iowa	1270	100	249
KWLK	Longview, Wash	780	250	402
KWNO	Winona, Minn,	1200	250	286
KWOC	Poplar Bluff, Mo	1310	100	293
KWOS	Jefferson City, Mo	1310	250 d., 100 n.	289
KWSC	Pullman, Wash	1220 1210	000 d., 1000 n. 100	402 372
KWTO	Watertown, S. Dak	560	5000	295
KWYO	Sheridan, Wyoming	1370	250 d., 100 n.	414
KXA .	Seattle, Wash	760	500 а., 250 п.	
			C.P. 1000	404
KXL .	Portland, Ore	1420	250 d., 100 n.	354
	El Centro, Calif	1500	100	194
KXOK	St. Louis, Mo	1250	1000	294
KXRO	Aberdeen, Wash	1310 1440	250 d., 100 n.	401
KXYZ KYA .	Houston, Tex	1230	1000 5000 d., 1000 n.	386 205
KYCA	Prescott, Ariz.		250 d., 100 n.	188
KYOS	Merced, Calif	1040	250	200
KYSM	Mankato, Minn	1500	250 d., 100 n.	283
KYW .	Philadelphia, Pa	1020	10000	358
WAAB	Boston, Mass	1410	1000 d., 500 n.	271
WAAF	Chicago, Ill	920	1000	233
WAAT	Jersey City, N. J	940 660	500 500	304 300
WABC	Omaha, Nebr	860	50000	313
WABI	Bangor, Me.	1200	250 d., 100 n.	265
WABY	Albany, N. Y	1370	250 d., 100 n.	308
WACO	Waco, Tex	1420	100	391
WADC	Tallmadge, (Akron) Ohio	1320	5000 d., 1000 n.	331
WAGA	Atlanta, Ga	1450	1000 d., 500 n.	225
WAGF	Dothan, Ala	1370	250	185
WAGM	Presque Isle, Maine	$\begin{array}{c} 1420 \\ 1200 \end{array}$	100	267
WAIM WAIR	Winston-Salem, N. C	1250	100 250	368 328
WALA	Mobile, Ala	1380	1000 d., 500 n.	185
WALR	Zanesville, Ohio	1210	100	345
WAML	Laurei, Miss	1310	250 d., 100 n.	288
WAPI	Birmingham, Ala	1140	5000	183
WAPO	. Chattanooga, Tenn	1420	250 d., 100 n.	373
WARD	Brooklyn, N. Y	1400	500	309
WASH	Grand Rapids, Mich	1270	500	279
WATL	Atlanta, Ga	1370 1190	250 d., 100 п. 100	225
WATR		C.P. 1290	250	215
WAVE	Louisville, Ky	940	1000	259
WAWZ	Zarephath, N. J	1350	1000 d., 500 n,	305
	Waycross, Ga	1200	250 d., 100 п.	

Call Letter	City	Frequency in Kilocycles	Power in Watts	See Page
WAZL .		1420	100	357
WBAA .	. West Lafayette, Ind	890	1000 d., 500 n.	248
WBAL .	Baltimore, Md.	1060	10000	267
	Fort Worth, Tex	800 1210	50000	388
WBAX . WBBC .	. Wilkes-Barre, Pa	1400	100 500	360 309
VBBL .		1210	100	399
WBBM .	. Chicago, Ill.	770	50000	23:
WBBR .	. Brooklyn, N. Y	1300	1000	309
WBBZ .	. Ponea City, Okla	1200	250 d., 100 л.	349
WBCM .		1410	1000 d., 500 n.	277
VBEN .	. Buffalo, N. Y	900	5000 d., 1000 n.	316
WBEO .	. Marquette, Mich	1310	250 d., 100 n.	28
VBHP	. Huntsville, Ala,	1200	100	18
VBIG .		1440	1000	320
VBIL .	New York, N. Y	1100	5000	31-
VBLK .	. Clarksburg, W. Va	1370	100	40
VBLY .	Lima, Ohio	1210 1420	100	34:
WBNO .	. Columbus, Ohio	1430	250 d., 100 n.	26
WBNS . WBNX .	New York, N. Y	1350	5000 d., 1000 n. 1000	34
WBNY .	Buffalo, N. Y	1370		31-
WBOW .	. Terre Haute, Ind	1310	250 d., 100 n. 250 d., 100 n.	31 24
WBRB .	. Red Bank, N. J	1210	100	30
WBRC .	. Birmingham, Ala	930	5000 d., 1000 n.	18
WBRE .	Wilkes-Barre, Pa	1310	250 d., 100 n.	360
WBRK .	. Pittsfield, Mass	1310	250 d., 100 n.	27
WBRY .	Waterbury, Conn	1530	1000	21
VBT	Charlotte, N. C	1080	50000	32
WBTH .	Williamson, W. Va	С.Р. 1370	100	40
WBTM .	Danville, Va	1370	250 d., 100 n.	39
	Boston, Mass	990	50000	27
VBZA	. Boston, Mass	990	1000	27
WCAD .	. Canton, N. Y	1220	500	31
VCAE .	Pittsburgh, Pa.	1220	5000 d., 1000 n.	363
VCAL .		760	5000	28
WCAM . WCAO .	. Camden, N. J	1280 600	500	30:
WCAP .	Asbury Park, N. J.	1280	1000 d., 500 n. 500	268
	. Rapid City, S. Dak	1200	100	30: 37:
WCAU .	. Philadelphia, Pa	1170	50000	35
WCAX .	. Burlington, Vt	1200	250 d., 100 n.	39
	Carthage, Ill	1070	100	23
VCBA .		1440	500	35
VCBD .	Chicago, Ill	1080	5000	23
WCBM .	. Baltimore, Md	1370	250 d., 100 n.	26
WCBS .	Springfield, Ill	1420	250 d., 100 n.	24
vcco .	Minneapolis, Minn	810	50000	28
WCFL .	. Chicago, Ill	970	5000	233
WCHS .	. Charleston, W. Va	580	1600 d., 500 m.	40
WCHV .	Charlottesville, Va	1420	250 d., 100 n.	39
WCKY .	. Covington, Ky	1490	10000	
WOT T	Olandari Olda	410	C.P.50000	33
WCLE . WCLO .	. Cleveland, Ohio	610	500	33
VCLS .	Junesville, Wisc	1200 1310	250 d., 100 n. 100	41
WCMI .	Ashland, Ky.	1310		24
VCNW .	. Brooklyn, N. Y.	1500	250 d., 100 n. 250 d., 100 n.	25 31
VCOA.	. Pensacola, Florida	1340	1000 d., 500 n.	22
VCOC .	. Merldian, Miss.	880	1000	28
WCOL .	Columbus, Ohio	1210	001	34
WCOP .	Boston, Mass	1120	500	27
wcos .	Columbia, S. C		250 d., 100 n.	36
VCOU .	Lewiston, Me	1210	100	26
WCOV .	. Montgomery, Ala,		100	18
WCPO .	Cincinnati, Ohio	1200	250 d., 100 n.	33
VCRW .	Chicago, Ill.	1210	100	23
WCSC .	. Charleston, S. C	1360	1000 d., 500 n.	36
	Portland, Maine	940	2500 d., 1000 n.	26
		40		
WDAE .	Tampa, Florida	1220	5000 d., 1000 n.	
WCSH . WDAE . WDAF . WDAH .		122 0 610 1310	5000 d., 1000 n. 5000 d., 1000 n. 250 d., 100 n.	22: 29: 38:

Call Letter		City	Frequency in Kilocycles	Power in Watts	See Page
WDAS .		Philadelphia, Pa	1370	250 d., 100 n.	35
WDAY .		Fargo, N. Dak	940	5000 d., 1000 n.	336
WDBJ .		Roanoke, Va.	930	5000 d., 1000 п.	40
WDBO .		Orlando, Fla.	580	5000 d., 1600 п.	22
WDEL .		Wilmington, Delaware	1120	500 d., 250 n.	21
WDEV .		Waterbury, Vt.	550	500 d 1000 n	39. 28
VDGY . VDNC .		Minneapolis, Minn.	1180 1500	5000 d., 1000 n. 100	28
NINC .		Darnam, N. V.	1000	C.P. 250 d.	32
vood .		Chattanooga, Tenn	1280	5000 d., 1000 n.	37
VDRC .		Hartford, Conn.	1330	5000 d., 1000 n.	21
VDSM .			C.P. 1200	100	41
vdsu .		New Orleans, La	1250	1000	26
vows .		Champaign, Ill.	1370	250 d., 100 n.	23
VDZ		Tuscola, Ill.	1020	250	
				C.P. 1000	24
VEAF .		New York, N. Y	660	50000	31
VEAN .		Providence, R. I	780	5000 d., 1000 n.	36
VEAU .		Eau Claire, Wisc	1050	1000	40
VEBC .		Duluth, Minn	1290	5000 d., 1000 n.	28
VEBQ .		Harrisburg, Ill.	1210	250 d., 100 n.	24
VEBR .		Buffalo, N. Y	1310	250 d., 100 n.	31
VEDC .		Chicago, Ill.	1210	100	23
VEED .		Rocky Mount, N. C	1420	250 d., 100 n.	321
VEEI .		Boston, Mass	590	5000 d., 1000 n.	279
VEEU .		Reading, Pa	830	1000	36
VELI .		New Haven, Conn	930	500 d., 250 n.	21.
VELL .		Battle Creek, Mich	1420	100	27
EMP .		Mllwaukee, Wisc.	1310	100	41
VENR .		Chicago, Ill.	870	50000	23
VENY .		Elmira, N. Y		250	319
VEOA .		Evansville, Ind.	1370	250 d., 100 n.	24:
ESG .		Elmira, N. Y	1040	1000	0.1
V TO COM		Eurateur Du	S.A.850	450 d 100 m	313 358
		Easton, Pa	1200 1300	250 d., 100 n.	318
VEVD . VEW .		New York, N. Y	760	1000 1000	29
		St. Louis, Mo	1310	50	28
VEXL . VFAA .		Dallas, Tex.	800	50000	38
VFAM .		South Bend, Ind	1200	100	24
FAS .		White Plains, N. Y	1210	100	32
FBC .		Greenville, S. C	1300	5000 d., 1000 n.	37
FBG .		Altoona, Pa.	1310	100	35
VFBL .	-	Syracuse, N. Y	1360	5000 d., 1000 n.	32
VFBM .		Indianapolis, Ind.	1230	5000 d., 1000 n.	246
VFBR .		Baltimore, Md.	1270	1000 d., 500 n,	
		.,		C.P. 5000 d., 1000 n.	268
FDF .		flint, Mich.	1310	100	279
VFEA .		Mauchester, N. H	1340	1000 d., 500 п.	302
VFIL .		Philadelphia, Pa.	560	1000	35
VFLA .		Tampa, Fla	620	5000 d., 1000 n.	22
FMD .		Frederick, Md	900	500	26
VFMJ .		Youngstown, Ohio		100	34
VFNC .		Fayetteville, N. C	C.P. 1340	250	32
FOR .		Hattiesburg, Miss	1370	100	28
VFOY .		St. Augustine, Fla	1210	250 d., 100 n.	22
VFTC .		Kluston, N. C	1200	250 d., 100 п.	32
VGAL .		Lancaster, Pa.	1500	250 d., 100 n.	35
VGAN .		Portland, Me.	640	500	26°
VGAR .		Cleveland, Ohio	1450	5000 d., 1000 u.	22
VGAU .		Athens, Ga	1310	250 d., 100 100	313
VGBB .		Freeport, N. Y	1210		24
VGBF .		Evansville, Ind.	630 880	1000 d., 500 n. 1000 d., 500 n.	36
VGBI .		Mississippi City, Miss.	1210	250 d., 100 n.	28
VGCM .				1000 d., Sun. 500 n.	23
VGES .		Chicago, Ill	1360 1310	250 d., 100 n.	398
VGH		Galesburg, Ill.	1500	250 a., 100 m. 250	24
VGIL .		Charleston, W. Va		100	40
VGKV . VGL		Fort Wayne, Ind	1370	250 d., 100 n.	24
VGN		Chicago, Ill.	720	50000	230
VGNC .		Gastonia, N. C	(.1°. 1420	250 d., 100 n.	326

Call Letter	City	Frequency in Kilocycles	Power in Watts	See
WGPC .	Albany, Ga	1420	100	22
WGR .	Buffalo, N. Y	550	5000 d., 1000 n.	313
WGRC .	New Albany, Ind	1370	250	240
VGRM .	Grenada, Miss	1210	100	
			C.P. 250 d.	28
VGST .			5000 d., 1000 п.	22
VGTM .	Wilson, N. C	1310	100	32
VGY	Schenectady, N. V	790	50000	32
VHA	Madison, Wise	940	5000	41
VHAI .	Greenfield, Mass	1210	250	27
VHAM .	Rochester, N. Y		50000	32
VHAS .	Louisville, Ky	820	50000	26
VHAT .	Philadelphia, Pa	1310	100	35
VHAZ .	Troy, N. Y	1300	1000	32
VIIB	Kansas City, Mo	860	1000	59
чивв .	Selma, A'a	1500	100	18
VHBC .	Canton, Ohio	1200	100	
			C.P. 250 d.	33
VHBF .	Rock Island, El	1210	250 d., 100 п.	
		C.P. 1240	1000	24
VHBI .	Newark, N. J	0621	2500 d., 1600 n,	30
VHBL .	Sheboygan, Wise	1300	250	
			C.P. 1000 d.	41
VHBQ .	Memphis, Tenn	1370	100	37
VHBU .	Anderson, Ind	1210	250 d., 100 n.	54
VHBY .	Green Bay, Wisc	1200	250 d., 100 n.	40
VHDF .	Calumet, Mich		250 d., 100 n.	27
VHDH .	, , Boston, Mass		1000	27
VHDL .	Olean, N. Y		250	31
VHEB .	Portsmouth, N. H	740	250	30
VHEC .	, . Rochester, N. Y	1430	1000 d., 500 n.	32
VHFC .	Cicero, III		250 d., 100 n.	23
унго .	. , Dayton, Ohio	1260	5000 d., 1000 n,	34
WHIP .	Hammond, Ind		5000	24
VHIS .	Bluefield, W. Va	1410	1000 d., 500 n.	40
VHJB .	Greensburg, Pa		250	35
VHK	Cleveland, Ohio		2500 d., 1000 n.	34
VHKC .	Columbus, Ohio		500	34
VHLB .	Virginia, Minn	1370	250 d., 100 n.	28
VHLS .	· . Port Huren, Mich	1370	250	28
VHMA .	Anniston, Ala.	1420	100	18
VHN	New York, N. Y	1010	5000 d., 1000 n.	31
vно	Des Moines, la		50000	25
уном .	Jersey City, N. J.	1450	250	30
VHP	Harrisburg, Pa		1600 d., 500 n.	
		. 1400	C.P. 5000 d., 1000 n.	35
VIBA .	· . Madison, Wise	1280	5000 d., 1000 n.	41
VIBC .	Indianapolis, Ind.	1050	1000	24
VIBG .	· · Glenside, Pa.		100	35
VIBM .	Jackson, Mich.	1370	250 d., 100 n.	28
VIBU .	Poynette, Wisc.	1210	250 d., 100 n.	41
VIBW .	· · Topeka, Kans.	580	5000 d., 1000 n.	25
VIBX .	. L'tica, N. Y			
VICA .	Ashtabula, Ohio	1200	250 d., 100 n.	32
vicc .	. Bridgeport, Conn.	940	250	33
VIL	. St. Louis, Mo	600	1000 d., 500 n.	21
VILL .		1200	250 d., 100 n.	29
	Crbana, III	580	1000	
VILM .	· · Wilmington, Del.		C.P. 5000	24
VIND .	H		100	21
INS .			5000 d., 1000 n.	\$1
10D-WA	RE Miami Ele		1000	31
TP.,		610	1000	21
IRE .		610	1000	36
			5000 d., 1000 n.	24
VIS	Columbia, S. C	560	5000 d., 1600 n.	36
VISN .	Milwaukee, Wisc		1000 d., 250 n.	41
VJAC .	Johnstown, Pa	1310	250 d., 100 n.	35
VJAG .	. Norfolk, Nebr.	1060	1000	29
VJAR .	Providence, R. I	890	5000 d., 1000 n.	36
	Pittsburgh, Pa	1290	5000 d., 1000 n.	36
VJAS .				
	Jacksonville, Fla	900		
	Jacksonville, Fla. Bloomington, Ill.		5000 d., 1000 n. 250 d., 100 n.	21

Call Letter City		Frequency in Kilocycles	Power in Watts	See Pag
		1200	100	23
	41	1120	500	26
	il	1200	100	26
		1210 1270	250 d., 100 н. 5000 d., 1000 п.	18 28
		1210	100 d.	26
	'евпС.		250 d., 100 n.	37
	ı C.		250	21
VJIM Lansing, Mich.		1210	250 d., 100 п.	28
		1130	20000	23
	<u>C</u> .		250 d., 100 п.	40
The second secon	e C.		250	41
		1420	100	28
	ch, Fla	1200	250 d., 100 n.	22
	***************************************	750 1200	50000	27
	C	1460	250 10000	18
, out to the state of the state		1100	C.P.50000	21
VJTN Jamestown, N.	Y	1210	250 d., 100 п.	31
		1210	250 d., 100 n.	33
		760	50000	31
	o Rico	1240	1000	41
KAR East Lansing,	ich	850	1000	
VKAT Miami Beach.		1 = 0.0	C.P. 5000	27
VKAT Miami Beach, VKBB East Dubuque,	(la	1500	250 d., 100 n.	22
	a	1500	250 д., 100 п.	25
		1380	1000	41
	do	570	500	34
		1200	250 а., 100 п.	35
		1500	100	24
	• • • • • • • • • • • • • • • • • • • •	1480	5000	31
		1500	250 д., 100 п,	28
VKEU Griffin, Ga		1500	100	22
VKOK Sunbury, Pa.	• • • • • • • • • • • • • • • • • • • •	1210	100	36
		550	5000 d., 1000 n.	33
		1250	250	35
	Okla	900	5000 d., 1000 n.	34
VKZO Kalamazoo, Mi	h	590	1000	20
VLAC Nashville Teni		1470	C.P. 1000 d., 250 n.	28
		1470 1310	5000 250 d., 100 n.	37 21
		1420	250 d., 100 n.	25
		680	1000	27
	nn	760	5000	28
		1310	250 d., 100 n.	24
	/isc	900	5000	41
		620	1000 d., 500 n.	26
VLEU Erie, Pa		1420	250 d., 100 п.	35
LLII Lowell, Mass.		1370	250 d., 100 n.	27
		1310	100	30
		870	50000	23
		1400	500	31
		1200	250 d., 100 n.	39
	C	700 630	50000	33 21
		670	500 d., 250 n.	
	s	1420	50000 250 d., 100 n.	23 27
		1180	5000 d., 1000 n.	2%
		1420	250 d., 100 п.	27
		1440	5000 d., 1000 n.	24
	WIOD, Page 219)			
		1350	500	39
		1420	250 d., 100 n.	28
		1080	5000	23
VMBO Auburn, N. Y.		1310	100 C.D. 270 d	
		1270	C.P. 250 d.	30
		1370 1420	250 d., 100 n.	21
		780	250 d., 100 n. 5000 d., 1000 n.	36 37
VMC Memphis, Tenn VMCA New York, N.		570	1000 d., 1000 n.	31
		1500	250 d., 100 n.	31
THE PARTY DOSLOIL, BLUSS, .		P. 1470	5000	27
MFD Wilmington, N.	C	1370	100	32
		1310	250 d., 100 n.	31
WMFF Plattsburg, N.				

Call Letter	City	Frequency in Kilocycles	Power in Watts	See Page
WMFG .		1210	250 d., 100 n.	283
WMFJ .		1420	100	218
WMFO . WMFR .	Decatur, Ala	1370 1200	100 100	184 327
	. St. Paul, Minn	1370	250 d., 100 n.	286
	Fairmont, W. Va	890	5000 d., 1000 n.	408
WMPC .	Lapeer, Mich	1200	250 d., 100 n.	280
WMPS .	Memphis, Tenn	1430	1000 d., 500 n.	375
	. Aurora, III		250	231
	Muscle Shoals City, Ala	1420	100	186
WMT WNAC .	. Cedar Rapids, Ia	600 1230	5000 d., 1000 n.	248
WNAD .	. Norman, Okla.	1010	5000 d., 1000 n. 1000	273 346
	. Yankton, S. D.	570	5000 d., 1000 n.	372
	New Britain, Conn	1380	1000 d., 250 n.	214
WNBF .	Binghamton, N. Y	1500	250 d., 100 n.	309
WNBH .	New Bedford, Mass	1310	250 d., 100 n.	275
*** 1.1	Springfield, Vt	1260	1000	395
	Saranac Lake, N. Y	1290	100	321
WNEL .	San Juan, Puerto Rico	1290	2500 d., 1000 n.	416
WNEW . WNLC .	. New York, N. Y	1250 1500	5000 d., 1000 n. 100	317
WNOX .	. Knoxville, Tenn.	1010	5000 d., 1000 n.	215 374
WNYC .	. New York, N. Y.	810	1000	317
WOAI .	San Antonio, Tex.	1190	50000	389
woc		1370	250 d., 100 n.	249
WOCB .	Barnstable Township, Mass C	.P. 1210	250 d., 100 n.	271
WOI	Ames, Ia	640	5000	248
woko .	Albany, N. Y	1430	1000 d., 500 n.	308
wol	Washington, D. C	1230	1000	217
WOLS .	Florence, S. C	1200	100	370
WOMI . WOMT	Owensboro, Ky	1500	250 d., 100 n. 100	260 411
WOOD .	. Grand Rapids, Mich	1210 1270	500	279
WOPI	. Bristol, Tenn.	1500	100	373
	Newark, N. J	710	50000	305
WORC .	Worcester, Mass	1280	500	276
WORK .	. York, Pa	1320	1000	367
WORL .	Boston, Mass.	920	500	274
	Columbus, Ohio	570	1000 d., 750 n.	342
wov wow .	. New York, N. Y	1130	1000	318
	- Omaha, Nebr	590 1160	5000 d., 1000 n. 10000	301 244
	· Paducah, Ky.	1420	250 d., 100 n.	261
WPAR .	Parkersburg, W. Va	1420	100	408
	Thomasville, Ga	1210	100	228
WPAY .	Portsmouth, Ohio	1370	100	343
	Philadelphia, Pa	920	1000	361
WPG	Atlantic City, N. J	1100	5000	303
	Sharon, Pa.	780	250	365
WPIV WPRA	Petersburg, Va	1210 1370	250 d., 100 n. 250 d., 100 n.	399 416
WPRA . WPRO .	. Providence, R. 1	630	1000 d., 500 n.	368
WPRP .	. Ponce, Puerto Rico	1420	250 d., 100 n.	416
	Raleigh, N. C	680	5000	327
WQAM .	Miaml, Fla	560	1000	221
WQAN	Scranton, Pa	880	1000 d., 500 n.	364
wqbc .	. Vicksburg, Miss	1360	1000	288
WQDM .	. St. Albans, Vt	1390	1000	395
WQXR .	. New York, N. Y	1550 1370	1000	318
WRAK . WRAL .	. Raleigh, N. C		250 d., 100 n. 250 d., 100 n.	366 328
WRAW .	Reading, Pa.	1310	100	364
WRBL .	. Columbus, Ga.	1200	250 d., 100 n.	227
WRC	Washington, D. C	950	5000 d., 1000 n.	217
	Augusta, Me	1370	100	265
WRDW .	. Augusta, Ga.	1500	250 d., 100 n.	226
	Memphis, Tenn	600	5000 d., 1000 n.	375
WREN .	Lawrence, Kans.	1220	5000 d., 1000 n.	256
	. Rome, Ga	1500	250 d., 100 n.	227
	Racine, Wlsc	1370	250 d., 100 n.	412
	Rock Hill S C	P 1500	100	970
WRKL . WRNL .	Rock Hill, S. C	P. 1500 880	100 500	370 399

 Call		Espanson	Davida	
Letter	City	Frequency in Kilocycles	Power in Watts	See Page
WROL	Knoxville, Tenn.	1310	250 d., 100 n.	374
WRR	Dallas, Tex	1280	500	381
WRTD	Richmond, Va	1500	100	400
WRUF	Gainesville, Fla.	830	5000	218
WRVA	Richmond, Va.	1110	5000 C.P.50000	400
WSAI	Cincinnati, Ohio	1330	5000 d., 1000 n.	339
WSAJ	Grove City, Pa	1310	100	356
WSAL	Salisbury, Md.	1200	250	269
WSAN	Allentown, Pa	1440	500	355
WSAR	Fall River, Mass. Wausau, Wisc.	1450	1000	274
WSAU	Savannah, Ga.	1370 P 1310	250 d., 100 п. 100	413 227
WSAY	Rochester, N. Y.	1210	250 d., 100 n.	321
WSAZ	Huntington, W. Va	1190	1000	408
W8B	Atlanta, Ga	740	50000	226
WSBC	Chicago, Ill	1210	250 d., 100 n.	238
WSBT	South Bend, Ind	1360	500	247
WSFA	Montgomery, Ala.	1410	1000 d., 500 n.	186
WSGN	Birmingham, Ala. Nashville, Tenn.	1310 1210	250 d., 100 n.	184 377
WSIX WSJS	Winston-Salem, N. C.	1310	250 d., 100 n. 100	329
WSLI	Jackson, Miss.	1420	250 d., 100 n.	288
WSM .	Nashville, Tenn	650	50000	377
WSMB	New Orleans, La	1320	5000 d., 1000 n.	263
WSMK	Dayton, Ohio	1380	200	
			C.P. 500 d., 250 n.	343
WSNJ	Bridgeton, N. J	1210	100	303
WSOC	Charlotte, N. C	1210 920	250 d., 100 n. 1000	325 370
WSPD	Toledo, Ohio	1340	5000 d., 1000 n.	344
WSPR	Springfield, Mass.	1140	500	276
WSTP	Salisbury, N. C		250 d., 100 п.	328
WSUI	lowa City, Ia	880	1000 d., 500 n.	251
WSUN	St. Petersburg, Fla	620	5000 d., 1000 n.	222
WSVA	Harrisonburg, Va. Buffalo, N. Y	550 1370	500 50	397 312
WSXB	Rutland, Vt	1500	100	394
WSYR-WSYU	Syracuse, N. Y	570		321 & 322
WTAD	Quincy, III.	900	1000	241
WTAG	Worcester, Mass.	580	0001	276
WTAL	Tallahassee, Fla.	1310	250 d., 100 n.	223
WTAM	Green Bay, Wisc	1070 1330	50000 1000	341
*******	Green Bay, Wisconsister Comments	1000	C.P. 5000 d.	410
WTAR	Norfolk, Va	780	1000	•
			C.P. 5000 d.	398
WTAW	College Station, Tex	1120	500	380
WTAX	Springfield, III.	1210	100	242
WTBO WTCN	Cumberland, Md	800	250	269
WTEL	Philadelphia, Pa.	1250 1310	5000 d., 1000 n. 100	286 361
WTHT	Hartford, Conn.	1200	100	213
WTIC	Hartford, Conn	1060	50000	
		S.A. 1040		214
WTJS	Jackson, Tenn.	1310	250 d., 100 п.	374
WTMA		'.P. 1210	250 d., 100 n.	369
WTMJ WTMV	Milwaukee, Wisc.	620 1500	5000 d., 1000 n. 250 d., 100 n.	412 239
WTNJ	Trenton, N. J.	1280	500	305
WTOC	Sayannah, Ga	1260	1000	
			C.P. 5000 d.	228
WTOL	Tolcdo, Ohio	1200	100	344
WTRC	Elkhart, Ind.	1310	250 d., 100 n.	243
WTRY	Procklyn N. V.		1000	323
WVFW	Brooklyn, N. Y	1400 1200	500 100	310 245
W WJ	Detroit, Mich	920	5000 d., 1000 n.	278
WWL	New Orleans, La	850	50000	263
wwnc	Asheville, N. C	570	1000	324
WWRL	Woodside, N. Y	1500	250 d., 100 n.	324
wwsw	Pittsburgh, Pa.	1500	250 d., 100 n.	363
WWVA	Wheeling, W. Va	1160	5000	409
WXYZ	Detroit, Mich.	1240	1000	278

STATIONS BY CITIES

WITH MAJOR NETWORK AFFILIATIONS

Key to Network Abbreviations: C-Columbia Broadcasting System; M-Mutual Broadcasting System; NB-National Broadcasting Co. Blue Network; NR-National Broadcasting Co. Red Network.

		•	
City and Call	Major	City and Call	Major
State Letters	Network	State Letters	Network
Aberdeen, S. D. KABR	24	WCAO	С
Aberdeen, Wash	M	WCBM	
Abilene, KansasKFBI		WFBR	NR
Abilene, Texas KRBC	M	Bangor, MeWABI	С
Ada, OklaKADA	M	WLBZ	NB-NR-M
Akron, Ohio (Tallmadge)WADC	С	Barnstable Township, MassWOCB	
WJW		Baton Rouge, LaWJBO	NB
Alamosa, Colo KGIW		Battle Creek, MichWELL	NB
Albany, GaWGPC		Bay City, MichWBCM	NB
Albany, N. YWABY	NB	Beaumont, TexKFDM	NB-NR
WOKO	С	KRIC	M
Albert Lea, MinnKATE		Beckley, W. Va	
Albuquerque, N. MKGGM	С	Bellingham, WashKVOS	M
KOB	NB-NR	Bend, OreKBND	
Alexandria, LaKALB		Berkeley, CalifKRE	
Allentown, Pa WCBA		Beverly Hills, CalifKMPC	
WSAN	NB-NR	Big Spring, Tex KBST	M
Altoona, PaWFBG		Billings, MontKGHL	NB-NR
Amarillo, Texas KFDA		Binghamton, N. Y WNBF	С
KGNC	NB-NR-M	Birmingham, AlaWAPI	С
Ames, IowaWOI		WBRC	NR
Anchorage, Alaska KFQD		WSGN	NB
Anderson, Ind WHBU		Bismarck, N. DKFYR	NB-NR
Anderson, S. CWAIM	С	Bloomington, IllWJBC	
Anniston, Ala WHMA	Ü	Bluefield, W. VaWHIS	
Ardmore, Okla KVSO	M	Blytheville, Ark	
Asbury Park, N. JWCAP	114	Boise, IdaKIDO	NB-NR
Asheville, N. CWWNC	NB-NR	Boone, Iowa KFGQ	
Ashland, KyWCMI	N D-N K	Boston, Mass WAAB	M
Ashtabula, OhioWICA		WBZ	N B
		WCOP	N D
Astoria, Ore		WEEI	С
Atchison, Kans KVAK		WHDH	C
Athens, GaWGAU	ND	WMEX	
Atlanta, Ga	NΒ	WNAC	NR
WATL	0	WORL	14 17
WGST	C	Bozeman, Mont KRBM	
WSB	NR		
Atlantic City, N. JWPG	С	Brady, Texas	NB-M
Auburn, N. YWMBO		Bridgeport, ConnWICC	IA D-IAI
Augusta, Ga WRDW	С	Bridgeton, N. JWSNJ	
Augusta, MeWRDO	NB-NR-M	Bristol, TennWOPI	
Aurora, Ill WMRO		Brookings, S. DKFDY	
Austin, TexasKNOW	M	Brooklyn, N. YWARD	
KTBC		WBBC	
Baker, OreKBKR		WBBR	
Bakersfield, CalifKERN	NB-NR	WCNW	
KPMC	M	WVFW	
Baltimore, MdWBAL	NB-M	Brownsville, TexasKGFI	

City and Call State Letters	Major Network	City and Call State Letters	Major Network
Buffalo, N. YWBEN	NR	Columbus, GaWRBL	Metwork
WBNY	-	Columbus, OhioWBNS	C
WEBR	NB	WCOL	NB-NR
WGR WKBW	C C	WHKC WOSU	M
wsvs	C	Corpus Christi, TexKRIS	NB-NR-M
Burlington, VtWCAX		Corsicana, TexasKAND	M
Butte, MontKGIR	NB-NR	Corvallis, OreKOAC	
Calumet, Mich		Cumberland, Md WTBO	
Camden, N. J		Dallas, Tex KRLD WFAA	C NB-NR
Canton, OhioWHBC		WRR	M
Cape Girardeau, MoKFVS		Danville, Ill	
Carlsbad, N. MKLAH		Danville, Va	_
Carthage, Ill		Davenport, IowaWOC	C
Casper, Wyoming		Dayton, Ohio	С
Cedar Rapids, IowaWMT	NB-M	Daytona Beach, FlaWMFJ	
Centralia-Chehalis, WashKELA	M	Decatur, Ala	
Champaign, IllWDWS		Decatur, III	
Charleston, S. C	NB-NR	Decorali, IowaKGCA	
Charleston, W. VaWCHS	С	Denton, Tex KDNT	
WGKV	· ·	Denver, Colo KFEL	M
Charlotte, N. C	С	KLZ	С
WSOC	NB-NR	KOA	NR
Charlottesville, VaWCHV Chattanooga, TennWAPO	NB-NR	KPOF	ND
Chattanooga, Tenn WAPO	C C	Des Moines, lowaKRNT	N B C
Chicago, Ill WAAF	•	KSO	NB-M
WBBM	С	WHO	NR
WCBD	ND ND	Detroit, Mich	
WCFL WCRW	NB-NR	WJR WMBC	С
WEDC		WWJ	NR
WENR	NB	WXYZ	NB
WGES		Devils Lake, N. DKDLR	
WGN	M	Dodge City, KansKGNO	
WJJD WLS	NB	Dotham, Ala	
WMAQ	NR	Dubuque, Ia KDTH	
WMBI		WKBB	С
WSBC		Duluth, Minn, KDAL	С
Chico. Calif		WEBC	NB-NR
Cicero, Ill	NB-NR	Durango, Colo	С
WCPO		East Lansing, MichWKAR	_
WKRC	C	East St. Louis, IllWTMV	
WLW	NB-NR-M	Easton, PaWEST	
WSA1 Clarksburg, W. VaWBLK	NB-NR-M	Eau Claire, Wis	M
Clay Center, NebrKMMJ		El Dorado, ArkKELD	272
Clayton, MoKFUO		Elk City, OklaKASA	
Cleveland, Ohio WCLE	M	Elkhart, Ind WTRC Elmira, N. Y WENY	
WGAR	C N.D. M	WESG	С
WHK WTAM	NB-M NR	El Paso, TexKROD	ND ND
Clovis, N. MKICA		KTSM WDAH	NB-NR
Coeur d'Alene, 1daKGCI		Emporia, Kans	
Coffeyville, Kans	M	Enid, Okla KCRC	M
College Station, TexWTAW Colorado Springs, ColoKVOR	С	Erie, Pa. WLEU Eugene, Co. KORE	NB M
Columbia, Mo KFRU	C	Eureka, C. if KIEM	M M
Columbia, S. CWCOS		Evansville, Ind	С
WIS	NB-NR	WGBF	NB-N R

City and Ca	II Major	City and Call	Major
State Lett	ers Network	State Letters	Network
Everett, WashKRK	O M	Hilo, HawaiiKHBC	С
Fairbanks, AlaskaKFA	AR .	Hobbs, N. MKWEW	
Fairmont, W. VaWMM	N C	Honolulu, HawaiiKGMB	C-M
Fall River, MassWSA		KGU	NB-NR
Fargo, N. DWDA	Y NB-NR	Hot Springs, ArkKTHS	NB-NR
Fayetteville, N. CWFN	IC .	Houston, TexasKPRC	NR
Fergus Falls, MinnKGI	E	KTRH	С
Flint, MichWFI	OF NB	KXYZ	NB-M
Florence, S. CWOI	LS	Huntington, W. VaWSAZ	
Fond du Lac, WisKF		Huntsville, AlaWBHP	
Fort Smith, ArkKFP		Huntsville, TexKSAM	
Fort Wayne, IndWO	L NB-NR	Hutchinson, KansKWBG	
wow	O NB	Idaho Falls, IdaKID	
Fort Worth, TexKF	JZ M	WFBM	С
KGK	O NB-NR	WIBC	
KTA	AT M	WIRE	NR
WBA	AP NB-NR	Iowa City, IowaWSUI	
Frederick, MdWFM	D	Ironwood, MichWJMS	
Freeport, N. YWGE	BB	Jackson, MichWIBM	NB
Fresno, CalifKAR	M C	Jackson, MissWJDX	NR
KI	AJ NB-NR	WSLI	
Gadsden, Ala	Y	Jackson, Tenn	
Gainesville, FlaWRU	1F	Jacksonville, FlaWJAX	NB-NR
Galesburg, IllWG		WJHP	
Gallup, N. MKAW	M	WMBR	С
Galveston, Texas KLU	F M	Jamestown, N. YWJTN	NB
Garden City, KansKIU	L	Jamestown, N. DKRMC	
Gary, IndWIN	D	Janesville, WiscWCLO	
Gastonia, N. CWGN	1C	Jefferson City, MoKWOS	
Glendale, CalifKIE	CV	Jerome, ArizKCRJ	
Glenside, PaWIE	3 G	Jersey City, N. JWAAT	
Globe, ArizKW	ΙB	WHOM	
Grand Forks, N. DKFJ	M	Johnson City, TennWJHL	
Grand Junction, ColoKF2	ζĴ	Johnstown, PaWJAC	
Grand Rapids, MichWAS	H	Joliet, IllWCLS	
woo	D NB-NR	Jonesboro, ArkKBTM	
Great Bend, KansKVC		Joplin, Mo	
Great Falls, MontKFE		Juneau, AlaskaKINY	
Greeley, ColoKFK		Kalamazoo, MichWKZO	
Green Bay, WiscWHB	Y	Kalispell, MontKGEZ	
WTA	-	Kansas City, KansKCKN	
Greenfield, MassWHA		Kansas City, MoKCMO	
Greenville, S. CWFE		KITE	
Greenville, TexKGV		KMBC	С
Greensboro, N. CWBI		WDAF	NR
Greensburg, PaWHJ		WHB	M
Grenada, MissWGR		Kearney, NebrKGFW	
Griffin, GaWKE		Ketchikan, AlaskaKGBU	
Grove City, PaWSA		Kilgore, TexasKOCA	
Hagerstown, MdWJI		Kinston, N. CWFTC	
Hammond, IndWHI		Klamath Falls, OreKFJI	
WWA		Knoxville, TennWNOX	С
Harrisburg, IllWEB	•	WROL	NB-NR
Harrisburg, PaWH		Laconia, N. HWLNH	M
WKB		LaCrosse, WiscWKBH	С
Harrisonburg, VaWSV		Lafayette, LaKVOL	
Hartford, ConnWDR		La Grande, OreKLBM	
WTH		LaJunta, ColoKOKO	
WTI	C NR	Lake Charles, LaKPLC	
Hattiesburg, MissWFO	R	Lakeland, FlaWLAK	NB-NR
Hazleton, PaWAZ	L	Lamar, ColoKIDW	
Helena, MontKPF		Lancaster, PaWGAL	NB-NR
Hibbing, Minn WMF		Lansing, Mich	NB
High Point, N. CWMF		Lapeer, Mich WMPC	
ALIGN LUME, IV. C WINT	A	Laredo, TexKPAB	

City and State	Call	Major	City and Call State Letters	Major
Laurel, Miss	Letters	Network	State Letters Minneapolis, Minn WCCO	Network C
Lawrence, Kans			WDGY	M
Burrence, Rans	WREN	NB	WLB	
Lawrence, Mass			WTCN	NB
Lewiston, Ida			Minot, N. DKLPM	
Lewiston, Me	wcou	M	Mississippi City, MissWGCM	
Lexington, Ky	WLAP		Missoula, Mont	С
Lihue, Hawaii			Mobile, Ala	NB-NR
Lima, Ohio		_	Modesto, Calif KTRB	
Lincoln, Nebr		С	Monroe, LaKMLB	.,
Titule Deal All	KFOR	M	Monterey, CalifKDON	M
Little Rock, Ark	KGHI	NB-NE	Montgomery, Ala	С
	KLRA	С	Moorhead, MinnKVOX	C
Logan, Utah		C	Muncie, IndWLBC	
Long Beach, Calif			Muscle Shoals City, Ala,WHSD	
	KGER		Muskegon, Mich WKBZ	
Longview, Texas	KFRO	M	Muskogee, OklaKBIX	M
Longview, Wash			Nampa, IdaKFXD	
Los Angeles, Calif		NB	Nashville, TennWLAC	С
	KEHE		WSIX	
	KFAC		WSM	N B - N R - M
	KFI	NR	New Albany, Ind	
	KFSG		Newark, N. JWHBI	
	KFVD		WOR	M
	KFWB		New Bedford, MassWNBH	M
	KGFJ		New Britain, ConnWNBC	NB-NR
	кнј	M	Newburgh, N. YWGNY	
	KMTR		New Castle, PaWKST	
	KNX	C	New Haven, ConnWELI	.,
	KRKD	ND ND	New London, Conn WNLC	M
Louisville, Ky		NB-NR	New Orleans, La	ND
Y11 A -i	WHAS	С	WDSU WJBW	NB
Lowell, Ariz.		M	WSMB	NR
Lowell, Mass Lubbock, Texas		M	WWL	C
Lufkin, Texas		441	Newport News, VaWGH	C
Lynchburg, Va			New YorkWABC	С
Macon, Ga		С	WBIL	Ü
Madison, Wisc			WBNX	
	WIBA	NB-NR	WEAF	NR
Manchester, N. H	WFEA	NB-NR-M	WEVD	
Mandan, N. D	KGCU		WHN	
Manhattan, Kans	KSAC		WINS	
Manitowoc, Wisc			WJZ	NB
Mankato, Minn.			WLTH	
Marquette, Mich			WMCA	
Marshalltown, Ia			WNEW	
Marshfield, Ore		M	WNYC	
Mason City, Iowa		С	WOV	
Mayaguez, P. R		NB-NR	WQXR Norfolk, Nebr	
Memphis, Tenn.		M D-M K	Norfolk, VaWTAR	NB-NR
Mempins, Term.	WMC	NR	Norman, OklaWNAD	ND NN
	WMPS	NB	Northfield, Minn WCAL	
	WREC	C	North Platte, NebKGNF	
Merced, Calif			Oakland, CalifKLX	
Meridian, Miss		С	KLS	
Miami, FlaWIO	D-WMBF	NB-NR	KROW	
	WQAM	С	Ogden, UtahKLO	NB
Miami Beath, Fla	WKAT		Oklahoma City, OklaKOCY	
Midland, Texas			KOMA	С
Milwaukee, Wisc			KTOK	NB-NR-M
	WISN	C NR-NR	WKY Okmulgee, Okla KHBG	NB-NR
	WTMJ	NB-NR		
		1	80	

City and State	Call Letters	Major Network	City and State	Call Letters	Major Network
Olean, N. YW		ACCHO!	Rapid City, S. D	ковн	
Olympia, Wash.		M	,	WCAT	
Omaha, Nebr		NB-M	Reading, Pa	WEEU	NB-NR
	AAW		<u> </u>	WRAW	NB-NR
	vow	NR	Red Bank, N. J	WBRB	
Orlando, FlaW		C	Redding, Calif		
Owensboro, Ky		· ·	Reno, Nev	кон	С
Paducah, Ky W			Rice Lake, Wisc		
Palestine, TexK			Richmond, Ind	WKBV	
Pampa, TexasK			Richmond, Va	WBBL	
Paris, TexasK		M		WMBG	NR
Parkersburg, W. VaW		C		WRNL	
Pasadena, Calif				WRTD	NB
Pecos, Texask				WRVA	C-M
Pensacola, Fla		С	Roanoke, Va	W DBJ	С
Peoria, Ill		C	Rochester, Minn	KROC	
Petersburg, VaV			Rochester, N. Y	WHAM	NB
Philadelphia, Pa		NR		WHEC	С
•	CAU	С		WSAY	
W	/DAS		Rockford, Ill		
v	VFIL	NB-M	Rock Hill, S. C	WRKL	
w	HAT		Rock Island, Ill		M
	WIP		Rock Springs, Wyo.		
W	/PEN		Rocky Mount, N. C.		
W	VTEL		Rome, Ga		
Phoenix, Ariz.	KOY	С	Roseburg, Ore		M
ĸ	TAR	NB-NR	Roswell, N. M		
Pierre, S. D	GFX		Royal Oak, Mich		
Pine Bluff, Ark	OTN		Rutland, Vt		
Pittsfield, Mass W	BRK	С	Sacramento, Calif.		NB-NR
Pittsburg, Kans K	OAM	NB-NR		KROY	С
Pittsburgh, PaK	DKA	NB	Safford, Ariz		
	KQV		St. Albans, Vt		
V	VCAE	NR-M	St. Augustine, Fla		
7	WJAS	С	St. Cloud, Minn		
	wsw		St. Joseph, Mo St. Louis, Mo	-	
Plattsburg, N. Y		NB	St. Louis, Wo	KSD	C N:R
Pocatello, Ida		NB-NR		KWK	NB-M
Ponca City, OklaV				KXOK	14 D-141
Ponce, Puerto RicoV				WEW	
Poplar Bluff, MoK				WIL	
Port Arthur, Tex			St. Paul, Minn.	KSTP	NR
Port Huron, MichV		MD	or run, min.	WMIN	11.10
Portland, MeV		NR	St. Petersburg, Fla.	WSUN	NB-NR
	/GAN	C	Salem, Ore	KSLM	M
Portland, Ore		М	Salina, Kans		
	KBPS KEX	NB	Salisbury, Md		
	KGW	NR	Salisbury, N. C		NR
1	KOIN	C	Salt Lake City, Uta	KSL	C
	KWJJ			KUTA	NB
	KXL		San Angelo, Tex		M
Portsmouth, N. HW			San Antonio, Tex.		M
Portsmouth, Ohio				KMAC	
Prescott, Ariz.				KONO KTSA	С
Presque Isle, MeV				WOAI	NB-NR
Price, Utahl	KEUB		San Bernardino, Ca		M
Providence, R. IV		NB-M	San Diego, Calif.	KFSD	NB
	WJAR	NR		KGB	M
Pueblo, Colo	VPRO	C NB-NR	San Francisco, Cali		M
Pullman, Wash		14 D-14 IV		KGO KJBS	NB
Quincy, IllV				KPO	NR
Racine, Wisc	WRJN			KSAN	
Raleigh, N. C		NB-NR		KSFO	С
V	VRAL			KYA	

City and	0-11	** - * ·	0.4		
City and State	Call Letters	Major Network	City and State	Call Letters	Major
San Jose, Calif		M	Thomasville, Ga		Network
San Juan, P. R		212	Toledo, Ohio		NB-NR
•	WNEL			WTOL	MD-MK
San Luis Obispo, Cali	ifKVEC	IVI	Topeka, Kans		С
Santa Ana, Calif		M	Trenton, N. J		
Santa Barbara, Calif.		M	Troy, N. Y		
	KTMS	NB		WTRY	
Santa Fe, N. M			Tucson, Ariz		С
Santa Rosa, Calif			Tul-2 011-	KVOA	NB-NR
Saranac Lake, N. Y Savannah, Ga			Tulsa, Okla Tulsa, Okla		M C
bavannan, Ga	WTOC	С	I msa, Okia	KVOO	NB-NR
Schenectady, N. Y		NR	Tuscaloosa, Ala		ND-NR
Scottsbluff, Nebr	KGKY		Tuscola, Ill		
Scranton, Pa		С	Twin Falls, Ida		NB-NR
	WQAN		Tyler, Texas	KGKB	M
Seattle, Wash			Uniontown, Pa		
	KIRO KJR	C NB	Urbana, III		_
	KOL	M	Utica, N. Y		С
	KOMO	NR	Valley City, N. D Vancouver, Wash		
	KRSC		Vermilion, S. D		
	KTW		Vernon, Texas		M
	KXA		Vicksburg, Miss		
Selma, Ala			Virginia, Minn		С
Sharon, Pa			Visalia, Calif		M
Shawnee, Okla		M	Waco, Texas		M
Sheboygan, Wisc			Wallace, Ida	KWAL	
Shenandoah, Ia	KMA	NΒ	Walla Walla, Wash		
Sheridan, Wyo		K B	Washington, D. C		С
Sherman, Texas		M		WMAL	NB
Shreveport, La				WOL WRC	M
	KTBS	NB-NR	Waterbury, Conn		NR M
	KWKH	С	waterbary, comm.	WBRY	C
Siloam Springs, Ark			Waterbury, Vt		_
Sioux City, Ia		С	Watertown, S. D		
Sioux Falls, S. D	KTRI	NB-NR	Watsonville, Calif		
Sloux Falls, S. D	KSOO	NB-NR	Wausau, Wisc		
South Bend, Ind	WFAM		Waycross, Ga		3.6
,	WSBT	С	Wenatchee, Wash Weslaco, Texas		M NB-NR-M
Spartanburg, S. C			West Palm Beach, Fla		C C
Spokane, Wash		_	West Lafayette, Ind.		Č
	KFPY	C	Wheeling, W. Va		С
	KGA KHQ	NB	White Plains, N. Y.		
Springfield, Ill		NR	Wichita, Kans		NB-NR
bpinighesa, in	WTAX		Wishing Ralls (Fr	KFH	С
Springfield, Mass		NB	Wichita Falls, Tex Wilkes-Barre, Pa		Nπ
	WMAS	С	Wilkes-Balle, Fa	WBRE	M NB-NR
	WSPR	M	Williamson, W. Va		
Springfield, Mo		NB-NR	Williamsport, Pa	WRAK	
Springfield, Vt	KWTO	С	Wilmington, Del		NR
Sterling, Colo		C	W11 1 . W G	WILM	
Stevens Pt., Wisc			Wilmington, N. C		
Stockton, Calif			Wilson, N. C Winona, Minn		
	KWG	NB-NR	Winston Salem, N. C.		
Sunbury, Pa				WSJS	С
Superior, Wisc		0	Wolf Point, Mont	-	-
Syracuse, N. Y	YR-WSYU	C	Woodside, N. Y		
Tacoma, Wash		N B	Worcester, Mass		C
racoma, wasn				WTAG	NR
Tallahassee, Fla	KVI WTAL	С	Yakima, Wash		M
Tallmadge, Ohio (Akron		С	Yankton, S. Dak		C NR-NR
Tampa, Fla		C	York, Pa Youngstown, Ohio		NB-NR C
zumpa, Plat titti	WFLA	NB-NR	Toungstown, Omo	WMFJ	C
Temple, Texas		M M	Yuma, Arizona	-	
Terre Haute, Ind		NB-NR	Zanesville, Ohio		
Texarkana, ArkTex		NB-NR	Zarephath, N. J		
			182		

STANDARD BROADCASTING STATIONS OF THE UNITED STATES

The following list of stations is arranged in alphabetical order as to states and territories and cities therein.

Every effort has been made to present accurate and complete information in a self explanatory method. In order to obtain this information, more than 800 questionnaires were sent to the stations early in December. After some second requests, less than 50 questionnaires remained unanswered or went astray. Data in these cases was compiled from sources considered reliable. In every case, however, corrections were made up to the time of going to press, to insure keeping pace with late developments.

RADIO ANNUAL has purposely refrained from including such fluctuating data as belong to the rate card. For such information, the reader is referred to the station itself, its representative or the current issue of STANDARD RATE and DATA.

ALABAMA-

Population 2,895,000

Number of Families 670,000

Number of Radio Homes 375,200

Retail Sales \$337,217,000

Auto Registrations 239,178

WHMA

"THE SHOWMANSHIP STATION"

ANNISTON—EST. 1938
ALABAMA NETWORK

FREQUENCY: 1420 Kc. POWER: 100 Watts. OWNED BY: Harry M. Ayres. OPERATED BY: John S. Pitts. BUSINESS ADDRESS: WHMA Bldg., 14th & Noble Sts. PHONE: 2380-2381. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: Daytime Schedule. NEWSPAPER AFFILIATION: Anniston Star. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: World Broadcasting System, C. P. MacGregor.

Personnel

General Manager	John	S. Pitts
Commercial Manager	.J. Alle:	n Brown
Program Director	. Harold	Russey
Chief Engineer	. I. G.	Cobble

POLICIES

Station does not accept liquor or Foreign language programs. Merchandising includes publicity and program listing in the Anniston Star; also advance "plugs" on the air.

WAPI

"THE VOICE OF ALABAMA"

BIRMINGHAM—EST. 1922

COLUMBIA BROADCASTING SYSTEM FREQUENCY: 1140 Kc. POWER: 5000 Watts. OWNED BY: Alabama Polytechnic Institute, University of Alabama and Alabama College. OPERATED BY: Voice of Alabama, Inc. BUSINESS ADDRESS: Protective Life Bldg. STUDIO ADDRESS 14th floor, same building. TRANSMITTER LOCATION: Sandusky. TIME ON THE AIR: 6:00 A.M. to 12:00 Midnight; Sundays,

8:00 A.M. to 12:00 Midnight. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: Associated Music Pub.

Personnel

Chairman of BoardEd Norton
President & Genl. MgrThad Holt
Treasurer-Radio Sales Director
H. A. Holtshouser
Program Director Dick Faulkner

Agricultural-Publicity Director...Harwood Hull

POLICIES

Same policies as Columbia Broadcasting System.

WBRC

"ALABAMA'S DOMINANT STATION"

BIRMINGHAM-EST. 1925

NBC-(RED)

FREQUENCY: 930 Kc. POWER: 5000 Watts, d.; 1000 Watts, n. OWNED BY: Birmingham Broadcasting Co. OPERATED BY: Same. BUSINESS ADDRESS: Bankhead Hotel. PHONE: 3-9293. STUDIO ADDRESS: Bankhead Hotel. TRANSMITTER LOCATION: Coalburg. TIME ON THE AIR: 6:00 A.M. to midnight. NEWS-PAPER AFFILIATIONS: Birmingham Post, Southern Radio News. NEWS SERVICE: International News Service.

Personnel

President	G.	Mars	shall
Commercial ManagerK.	G.	Mars	shall
Vice President and General Manag	jer.	J. C.	Bell
Sales Manager]	. C.	Bell
Ass't ManagerJohn	M.	Conr	olly
Musical Director	. D.	Rus	hing
Chief Engineer		J. C.	Bell

POLICIES

Station bans the broadcasting of hard liquor but does permit announcements for beer and wines. Policy in regard to patent medicines is that their announcement copy must be submitted to station for approval before acceptance.

Merchandising: Merchandising and exploitation features in connection with commercial programs at cost.

REPRESENTATIVE

Paul H. Raymer Co.

WSGN

"THE NEWS-AGE-HERALD STATION"

BIRMINGHAM—EST. 1927 NBC (BLUE) DIXIE

ALABAMA NETWORK

FREQUENCY: 1310 Kc. POWER: 250 watts, d.; 100 watts, n. OWNED BY: R. B. Broyles Co. OPERATED BY: The Birmingham News Co. BUSINESS ADDRESS: Tutwiler Hotel. PHONE: 4-3434. STUDIO ADDRESS: Tutwiler Hotel. TRANSMITTER LOCATION: Druid Hills.

TIME ON THE AIR: 6:00 A.M. to 11:00 P.M. CST. NEWSPAPER AFFILIATIONS: The Birmingham News, The Birmingham Age-Herald. NEWS SERVICE: Associated Press. TRANSCRIPTION SERVICE: NBC Thesaurus.

Personnel

V-P. and Gen. Mgr	Henry P. Johnston
Station Manager	
Chief Engineer	P. B. Cram
Program Director	Bob McRaney
Promotion Manager	H. A. Gilleland
Production Manager	Bill Terry

POLICIES

Accept beer, but not whiskey—foreign language when English version is furnished.

Complete department maintained for mer chandising with assistance of papers. Merchandise via mail letters to trade, contact accounts, at cost to sponsor—have access to newspaper publicity so long as sponsor's name does not appear in the columns of paper.

REPRESENTĀTIVE

Kelly Smith Company

WMFO

"THE FRIENDLY STATION"

DECATUR—EST. 1935

ALABAMA NETWORK SYSTEM

FREQUENCY: 1370 Kc. POWER: 100 watts. OWNED BY: James R. Doss, Jr. OPERATED BY: James R. Doss, Jr. OPERATED BY: James R. Doss, Jr. BUSINESS ADDRESS: 418½ Second Ave. PHONE: Decatur 802, 803, 804. STUDIO ADDRESS: 418½ Second Ave. TRANSMITTER LOCATION: 418½ Second Ave. MAINTAINS ARTISTS' BUREAU. TIME ON THE AIR: 6:00 A.M. to local sunset. NEWS-PAPER AFFILIATIONS: Birmingham Post. Southern Radio News (Cooperative only). NEWS SERVICE: United Press.

Personnel

President	James R. Doss, Jr.
Commercial Manager	R. H. Albright
Advertising Manager	Ted R. Woodard
Artists' Bureau Head	Edwin Mullinax
Chief Announcer	Edwin Mullinax
Station Manager	
Sales Manager	R. H. Albright
Publicity Director	Ted R. Woodard
Musical Director	Cois Lowery
Chief Engineer	Fred L. James

POLICIES

Local County option laws (Morgan County is Dry) according to state statutes prohibits liquor advertising in dry counties.

Merchandising through Window Cards, Posters, Direct Mail to retail merchants and Newspaper listings and publicity in Birmingham Post and Southern Radio News. Also advance "Plugs" from Station.

REPRESENTATIVE

Burn-Smith Co.

WAGF

"THE TRI-STATES STATION"

DOTHAN—EST. 1932

FREQUENCY: 1370 Kc. POWER: 250 waits. OWNED BY: Dothan Broadcasting Co. OPERATED BY: Dothan Broadcasting Co. BUSINESS ADDRESS: 204½ E. Main St. PHONE: 1430. STUDIO ADDRESS: 204½ E. Main St. TRANSMITTER LOCATION: S. E. Ala. Fairgrounds. TIME ON THE AIR: 8:00 A.M. to local sunset. NEWS SERVICE: Transradio Press.

Personnel

Station	n ManagerJulian C. Smit	h
Comm	ercial ManagerFred Mosele	Y
Chief	AnnouncerSamuel Ha	11
Chief	EngineerJohn T. Hubbar	d

POLICIES

Does not accept liquor announcements. Wines and beer accepted. No foreign language element in this territory.

No special merchandising policies.

REPRESENTATIVE

Burn-Smith Co.

WJBY

GADSDEN-EST, 1928

FREQUENCY: 1210 Kc. POWER: 250 watts. d.: 100 watts, n. OWNED BY: Gadsen Broadcasting Co.. Inc. OPERATED BY: Gadsen Broadcasting Co.. Inc. BUSINESS ADDRESS: 108 Broad St. PHONE: 88. STUDIO ADDRESS: 108 Broad St. TRANSMITTER LOCATION: 108 Broad St. TIME ON THE AIR: 7:00 A.M. to 9:30 P.M.: Sundays, 9:00 A.M. to 9:00 P.M. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: NBC Thesaurus.

Personnel

PresidentB.	H.	Hopson
Commercial ManagerJ.	w.	Buttram
Advertising ManagerJ.	W.	Buttram
Station Manager	w.	Buttram
Sales Manager	W.	Buttram
Chief Engineer	J ern	on Story

POLICIES

No liquor advertising accepted.

Merchandising includes Radio NewsGrams. Letters to the trade. Publicity and program listings in the Southern Radio News and the Gadsden Free Press.

REPRESENTATIVE

Sears & Ayer.

WBHP

"SERVING THOUSANDS THROUGHOUT THE TENNESSEE VALLEY"

HUNTSVILLE—EST, 1937

ALABAMA MUTUAL BROADCASTING SYSTEM

FREQUENCY: 1200 Kc. POWER: 100 Watts. OWNED BY: W. H. Pollard. OPERATED BY: W. H. Pollard. OPERATED BY: W. H. Pollard. BUSINESS ADDRESS: Time's Bldg. PHONE: 313. STUDIO ADDRESS: Time's Bldg. TRANSMITTER LOCATION: 1½ miles west of Huntsville. MAINTAINS ARTISTS' BUREAU. TIME ON THE AIR: 7:00 A.M. to 9:00 P.M. NEWS SERVICE: Transradio Press.

Personnel

President
Commercial ManagerJohn C. Hughes
Advertising ManagerJohn S. Allen
Artists' Bureau Head
Chief AnnouncerVance Brooks
Station Manager
Sales ManagerJohn S. Allen
Musical Director
Chief Engineer

POLICIES

Does not accept liquor or foreign language programs.

REPRESENTATIVE

Burn-Smith Co.

WALA

MOBILE-EST, 1930

NATIONAL BROADCASTING CO.

FREQUENCY: 1380 Kc. POWER: 1000 watts, d.: 500 watts, n. OWNED BY: W. O. Pape. OPERATED BY: Pape Broadcasting Company. BUSINESS ADDRESS: 106 St. Joseph St. PHONE: Dexter 5893-4. STUDIO ADDRESS: 106 St. Joseph St. TRANSMITTER LOCATION: Mobile. TIME ON THE AIR: 6:00 A.M. to 11:00 P.M. MAINTAINS ARTISTS' BUREAU. TRANSCRIPTON SERVICE: NBC Thesaurus.

Personnel

General Manager
Assistant ManagerJ. H. Hunt
Artists' Bureau Head
Sales Manager
Musical Director
Chief EngineerR. M. Cole
Chief Announcer

POLICIES

Liquor advertising depends on local option in this state.

Merchandising: Station maintains a merchandising department which works with advertiser in any way possible to obtain satisfactory results.

W C O V *

MONTGOMERY—EST. 1938

FREQUENCY: 1210 Kc. POWER: 100 Watts. OWNED BY: Capital Broadcasting Co. OPERATED BY: Same. BUSINESS ADDRESS: Exchange Hotel. STUDIO ADDRESS: Same. TIME ON THE AIR: Daytime Schedule. TRANSCRIPTION SERVICE: Standard Radio.

Personnel

WSFA

"WE SELL FOR ADVERTISERS"

MONTGOMERY—EST. 1930

COLUMBIA BROADCASTING SYSTEM

FREQUENCY: 1410 Kc. POWER: 1000 watts, d.; 500 watts, n. OWNED BY: Montgomery Broadcasting Co., Inc. OPERATED BY: Montgomery Broadcasting Co., Inc. BUSINESS ADDRESS: Jefferson Davis Hotel. PHONE: Cedar 5880. STUDIO ADDRESS: Jefferson Davis Hotel. TRANSMITTER LOCATION: Narrow Lane Road. TIME ON THE AIR: 6:30 A.M. to 11:00 P.M. NEWS SERVICE: International News Service. TRANSCRIPTION SERVICE: NBC Thesaurus.

Personnel

PresidentS. G. Persons
Treasurer and Gen. MgrHoward E. Pil!
Local Sales ManagerJohn B. DeMotte
Publicity Director M. E. Price
Musical DirectorE. Caldwell Stewart
Chief EngineerPaul B. Duncan

POLICIES

No foreign language programs accepted. Merchandising features: All mailing at clients' expense; Advertising department will detail man for dealer contacts when requested; Broadside of announcements preceding inaugural of new series of programs, giving time of program, features, etc.

REPRESENTATIVE

Kelly Smith Co.

WHBB

"CREATING BUSINESS FOR YOU IS OUR BUSINESS"

SELMA-EST. 1935

FREQUENCY: 1500 Kc. POWER: 100 watts.
OWNED BY: Selma Broadcasting Co. OPERATED BY: Same. BUSINESS ADDRESS:
Box 26. PHONE: 1233. STUDIO ADDRESS:
209 Washington St. TRANSMITTER LOCATION:
Highway 80 (2 miles from town). TIME ON
THE AIR: 7:00 A. M. to 9:00 P. M. (unlimited).
NEWS SERVICE: Transradio Press.

Personnel

Station Manager	w.	J. Rey	nolds,	Jr.
Chief Announcer		W. A.	Colen	ıan
Chief Engineer		Will	iam P	igg

POLICIES

No stated special policies. Advertising of alcoholic beverages accepted.

WMSD

"WITH THE MUSCLE SHOALS DISTRICT"

MUSCLE SHOALS CITY-EST. 1933

ALABAMA NETWORK

FREQUENCY: 1420 Kc. POWER: 100 watts. OWNED BY: Muscle Shoals Broadcasting Corp. OPERATED BY: Muscle Shoals Broadcasting Corp. BUSINESS ADDRESS: Box 688, Sheffield. PHONE: 821. STUDIO ADDRESS: Highland Park. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 6:30 A.M. to 10:00 P.M. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: C. P. MacGregor.

Personnel

Station Manager	.Joe Van Sandt
Chief Announcer	orace McGregor
Advertising Manager	.Joe Van Sandt
Program Director	James Connolly
Publicity Director	Beulah Sutton
Musical Director	Beulah Sutton
Chief Engineer	J. V. Sanderson

POLICIES

All advertising for Alcoholic Beverages and Medicines must be checked 24 hours in advance by the Station or Office Manager.

REPRESENTATIVE

Burn-Smith Co.

WJRD

"BRIGHTEST DAY TIME SPOT ON YOUR DIAL"

TUSCALOOSA—EST. 1936

ALABAMA SPORTS NETWORK

FREQUENCY: 1200 Kc. POWER: 250 watts. OWNED BY: James R. Doss, Jr. OPERATED BY: James R. Doss, Jr. BUSINESS ADDRESS: First National Bank Bldg., Box 303. PHONE: 1401-1022. STUDIO ADDRESS: First National Bank Bldg. TRANSMITTER LOCATION: Greensboro Road opposite Jug Factory Road. TIME ON THE AIR: 6:00 A.M. to local sunset. NEWS SERVICE: Transradio. MAINTAINS ARTIST BUREAU. TRANSCRIPTION SERVICE: NBC Thesaurus.

Personnel

Commercial Manager
Chief AnnouncerWilliam "Dick" DeFreitas
Program and Production
ManagerAlfred Owen
Musical Director John Dighton
Chief Engineer E. H. Eudy

POLICIES

Local law prohibits liquor advertisements.
WJRD does not participate in promotional advertising, or schemes of any kind.

REPRESENTATIVE

Burn-Smith Co.

ARIZONA-

Population 412,000

Number of Families 104,000

Number of Radio Homes 79,600

Retail Sales \$121,083,000

Auto Registrations 106,496

K W J B

"THE GLOBE-MIAMI STATION"
GLOBE—EST. 1938

FREQUENCY: 1210 Kc. POWER: 250 Watts, d.; 100 Watts, n. OWNED BY: Sims Broadcasting Co. OPERATED BY: Same. BUSINESS OFFICE: South Globe. PHONE: 41. STUDIO ADDRESS: Same. TRANSMITTER LOCATION. Same. TIME ON AIR: 8:00 A.M. to 10 P.M. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: C. P. MacGregor.

Personnel

Manager.....Bartley T. Sims
Commercial Manager....Vester Sansing
Publicity Director....Emma W. Henderson

KCRJ

IEROME-EST, 1930

FREQUENCY: 1310 Kc. POWER: 250 Watts, d.; 100 Watts, n. OWNED BY: Charles C. Robinson. OPERATED BY: Charles C. Robinson. BUSINESS ADDRESS: Robinson's Jewelry Bldg. STUDIO ADDRESS: Robinson's Jewelry Bldg. TRANSMITTER LOCATION: Near Jerome. TIME ON THE AIR: Unlimited (actual, 9:00 A.M. to 9:00 P.M.).

POLICIES

Spanish staff service available for Spanish programs.

KSUN

"BISBEE-DOUGLAS STATION"

LOWELL—EST. 1933

ARIZONA NETWORK

FREQUENCY: 1200 Kc. POWER: 250 Watts, d.: 100 Watts, n. OWNED BY: Copper Elec. Co., Inc. OPERATED BY: Same. BUSINESS ADDRESS: Copper Electric Bldg. PHONE: 9. STUDIO ADDRESS: Lowell. TRANSMITTER LOCATION: Lowell. TIME ON THE AIR: 9:00 A.M. to 9:00 P.M. NEWS SERVICE: Transradio Press.

Personnel

President	James	S. Maffeo
Commercial Manager	R. B.	Thompson
Station Manager	Carleton	W Morris

Sales Manager R. B. Thompson Chief Engineer David C. Karbach

POLICIES

Will take any liquor account provided all copy is edited by station. Foreign language accounts accepted in Spanish only.

Station will cooperate in any way possible to merchandise accounts.

REPRESENTATIVE

John Blair & Company

KÔY

PHOENIX—EST. 1921 (as KFCB) 1929 (as KOY)

COLUMBIA BROADCASTING SYSTEM
THE ARIZONA NETWORK

FREQUENCY: 1390 Kc. POWER: 1000 Watts. OWNED BY: Salt River Valley Broadcasting Co. OPERATED BY: Same. BUSINESS ADDRESS: 838 N. Central. PHONE: 4-4144. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: 621-623 N. Central Ave. TIME ON THE AIR: 6:30 A.M. to 12:00 Midnight. NEWS SERVICE: Transradio Press. MAINTAINS ARTISTS' BUREAU. TRANSCRIPTION SERVICES: World Transcription Service.

Personnel

President
Business ManagerDon Ben Roush
Artists' Bureau HeadRoberta Bragdon
Chief AnnouncerJoe Dana
Program DirectorJack Williams
Station ManagerFred A. Palmer
Publicity DirectorLucille Braine
Musical Director
Chief EngineerE. E. Alden

POLICIES

Broadcasting policy maintained in accordance with FCC requirements. Station does not accept payment for station time from Churches. Time on the air donated to such religious organizations. Schedule rotated to accommodate every church, etc., etc.

Merchandising: Special merchandising letters, cards, etc., sent out by mailing department drawing attention to certain commercial programs.

REPRESENTATIVE

International Radio Sales

KTAR

"SERVING ARIZONA WITH THE BEST IN RADIO"

PHOENIX—EST. 1922

NBC (Red and Blue)

FREQUENCY: 620 Kc. POWER: 1000 Watts. OWNED BY: The Arizona Republic and Electrical Equipment Co. OPERATED BY: The Arizona Republic and Electrical Equipment Co. BUSINESS ADDRESS: "Atop the Heard Bldg." PHONE: 4-4161. STUDIO ADDRESS: "Atop the Heard Bldg." TRANSMITTER LOCATION: "Atop the Heard Bldg." TIME ON THE AIR: 6:30 A.M. to 12:00 Midnight. NEWSPAPER AFFILIATIONS: The Arizona Republic (morning), Phoenix Gazette (evening), The Arizona Weekly Gazette. NEWS SERVICE: United Press. MAINTAINS ARTISTS' BUREAU. TRANSCRIPTION SERVICES: NBC Thesaurus, Standard Radio Library and MacGregor Library.

Personnel

Station ManagerDick Lewis
Commercial ManagerJ. R. Heath
Artists' Bureau HeadFay Meyerson
Publicity Director
Program DirectorJ. Howard Pyle
Chief EngineerArthur Anderson

POLICIES

No wine or hard liquor advertising is accepted.

Maintains a policy of strict censorship in effort to prevent fraudulent, misleading and objectionable advertising. Station does not accept advertising that makes unfair attacks on groups or individuals. In attempting to present clean programs in the public interest Station will endeavor to refuse the following types of advertising: Patent Medicines of dubious character, fraudulent schools, matrimonial agencies, fortune tellers and lotteries, financial firms of questionable character, Mail order advertising which is competitive to local merchants, etc.

Merchandising: Announcements over KTAR a few days prior to start of program series. Also a mention of client and program in a program resume several times before actual presentation in order to call attention and acquaint audience with client's radio program and time it is to be broadcast. Paid newspaper listings, covering sponsor's name and program title, in blackface type in Arizona Republic (morning) and Phoenix Gazette (evening) newspapers. A weekly listing of all programs, one week in advance, in the Arizona Weekly Gazette, a newspaper of general circulation, featuring information and statistical data pertinent to business firms and professional men. A personal contact, telephone call, or letter informing distributors and larger dealers of advertising campaign, suggesting their cooperation by window displays, etc., which makes them alert and appreciative of advertising support tendered by those whose products they sell. Mailing out of advance program schedules to a

select group of advertising agencies, representatives, and clients, as well as a select group of local distributors, dealers and business organizations. Mailing out material pertaining to program and products in letters sent from KTAR to listeners and others where it will prove effective in the interests of radio clients. Mailing material to be furnished by clients. KTAR is prepared to take care of other merchandising services advertisers desire, such as mailing letters to the trade, supervising window displays, etc., on a cost basis. This method has been proved more practical and offers an equal opportunity for clients to secure the merchandising tie-ins needed with their programs to achieve the best results.

REPRESENTATIVES

The Katz Agency Walter Biddick Co.

KYCA

PRESCOTT

FREQUENCY: 1500 Kc. POWER: 250 watts, d.: 100 watts, n. OWNED BY: Southwest Broadcasting Co. TIME ON THE AIR: Unlimited Schedule.

"Station was licensed to operate under a C. P. at time of going to press. Issues are being determined by the Court of Appeals of Washington, D. C.

KGLU

SAFFORD—EST. 1938

ARIZONA NETWORK

FREQUENCY: 1420 Kc. POWER: 250 watts, d.; 100 watts, n. OWNED BY: Gila Broadcasting Co. OPERATED BY: Same. STUDIO ADDRESS: Sixth Ave. and Relation St. TRANS MITTER LOCATION: Same. TIME ON THE AIR: 8:00 A.M. to 10:00 P.M.

Personnel

PresidentLouis F. Long
General ManagerJohn Merino
Chief TechnicianPaul Merrill
Program Director Ralph W. Langley

POLICIES

Advertising of alcoholic beverages accepted.

KGAR

"IN THE VALLEY OF THE SANTA CRUZ"

TUCSON-EST. 1929

COLUMBIA BROADCASTING SYSTEM ARIZONA NETWORK

FREQUENCY: 1370 Kc. POWER: 250 Watts, d.; 100 Watts, n. OWNED BY: Tucson Motor Service Co. OPERATED BY: Tucson Motor Service Co. BUSINESS ADDRESS: S. 6th Ave. & 12th St. PHONE: Tucson 918 & 2929. STUDIO ADDRESS: Sixth Ave. & 12th St. TRANSMITTER LOCATION: Tucson. TIME ON THE AIR: 7:00 A.M. to 11:00 P.M.: Sundays, 9 A.M. to 11 P.M. NEWS SERVICE: Trans-Radio Press (via Arizona Network). TRANSCRIPTION SERVICE: Lang-Worth Feature Programs.

Personnel

PresidentFrank Z. Howe
ManagerF. P. Nelson
Studio DirectorR. H. Johnson
Traffic ManagerGleatha Johnson
Chief Engineer

POLICIES

All programs, talks and announcements are subject to station approval.

REPRESENTATIVES

Joseph Hershey McGillvra (N. Y. and Chicago)

KVOA

"COVERS SOUTHERN ARIZONA LIKE THE SUNSHINE"

TUCSON—EST. 1929

FREQUENCY: 1260 Kc. POWER: 1000 Watts. OWNED BY: KTAR Broadcasting Co., OPERATED BY: KTAR Broadcasting Co. BUSINESS ADDRESS: P. O. Box 2888. PHONE: 3703. STUDIO ADDRESS: Albert Steinfeld & Co. Bldg., Penning:on and Stone. TRANSMITTER LCCATION: 10th and Lee. TIME ON THE AIR: 6:30 A.M. to 10:00 P.M.; Sundays, 8 A.M. to 10 P.M. NEWS SERVICE: Associated Press (in cooperation with the Arizona Daily Star). TRANSCRIPTION SERVICE: C. P. MacGregor & Co.

Personnel

President	Steinfeld
General ManagerR. B.	Williams
Office ManagerCar	ret Allen

Program Director. Gil Meynier
Publicity Director Carl C. Hickman
Musical Director Carl C. Hickman
Chief Engineer Leonard L. Nalley

POLICIES

Advertising of alcoholic beverages not accepted, excepting beer. Foreign language accounts accepted.

Merchandising: Commercial programs sold on basis of carefully prepared merchandising campaign. All possible merchandising help given.

REPRESENTATIVES

The Katz Agency Walter Biddick Co. (Pacific Coast)

KUMA*

"THE VOICE OF YUMA COUNTY"

YUMA—EST. 1932

FREQUENCY: 1420 Kc. POWER: 100 Watts. OWNED BY: A. H. Schermann. OPERATED BY: E. B. Sturdivant d/b Silver Crest Theaters. BUSINESS ADDRESS: P. O. Box 1871. PHONE: 88. STUDIO ADDRESS: Lee Hotel Bldg. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 7-9 A.M.—11-2 P.M.—6-10 P.M. TRANSCRIPTION SERVICE: C. P. MacGregor.

Personnel

Station Manager	.E.	N.	Stu	divant
Chief Announcer		!	Bill	Talley
Chief Engineer		Fred	Bα	n ger ter

POLICIES

Advertises beer, wine, but not whiskey.

Merchandising: Station will cooperate with sponsor of any program, including direct mail campaign, providing sponsor supplies material.

REPRESENTATIVE

Walter Biddick Co.

*License revoked as of April 1, 1939 on order of FCC.

ARKANSAS

Population 2,048,000

Number of Families 501,000

Retail Sales \$240.724.000

Number of Radio Homes 254,800

Auto Registrations 164,950

KLCN

BLYTHEVILLE—EST. 1923

FREQUENCY: 1290 Kc. POWER: 100 watts.
OWNED BY: C. L. Lintzenich. OPERATED BY:
Same. BUSINESS ADDRESS: Sec. & Walnut.
PHONE: 123-122. STUDIO ADDRESS: 203

Main. TRANSMITTER LOCATION: Sec. & Walnut. TIME ON THE AIR: 9:00 A.M. to 5:00 P.M. NEWS SERVICE: Local news.

Personnel

Owner and Operator. . . C. L. Lintzenich Advertising Manager . . C. L. Lintzenich Chief Announcer A. J. Bishop

POLICIES

No stated special policy.

KELD

"IN TUNE WITH SOUTH ARKANSAS"

EL DORADO—EST. 1935

ARKANSAS NETWORK

FREQUENCY: 1370 Kc. POWER: 100 Watts. OWNED BY: Radio Enterprises, Inc. OPERATED BY: Same. BUSINESS ADDRESS: 212 Exchange Bldg. PHONE: 1313-4. STUDIO ADDRESS: P.O. Box 610 Country Club Colony. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 7:00 A.M. to 9:00 P.M. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: World Broadcasting System.

Personnel

President
Station ManagerF. E. Bolls
Commercial Manager F. E. Bolls
Advertising Manager T. P. Thompson
Chief Announcer Leon Sipes
Publicity DirectorLeon Sipes
Musical DirectorRodney Smith
Chief EngineerCharles Matthis, Jr

POLICIES

Does not broadcast liquor announcements. Station publishes house organ at regular intervals to aid in merchandising commercials.

REPRESENTATIVE

Joseph Hershey McGillvra.

KFPW

"THE GOLDMAN HOTEL STATION"

FORT SMITH-EST, 1930

FREQUENCY: 1210 Kc. POWER: 100 watts. OWNED BY: Southwestern Hotel Co. OPERATED BY: Same. BUSINESS ADDRESS: Goldman Hotel. PHONE: 4106-7-7059. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 6:30 A.M. to 10:00 P.M. NEWS SERVICE: United Press and local news. TRANSCRIPTION SERVICES: NBC Thesaurus & World Broadcasting System. MAINTAINS ARTISTS BUREAU.

Personnel

PresidentJohn A. England
Commercial ManagerJimmie Barry
Advertising Manager
Artists Bureau HeadDorothy A. Gibson
Station ManagerDorothy A. Gibson
Sales Manager
News Bureau DirectorBill Slates
Musical Director
Chief EngineerL. Willard Doane

POLICIES

Does not accept liquor accounts. Beer is accepted. No foreign language accounts.

Closing time for programs in advance. No time sold in bulk for re-sale.

Merchandising aids through news tie-ups and specially arranged services.

KTHS

"KUM-TO-HOT SPRINGS"

HOT SPRINGS-EST, 1924

NBC (RED and BLUE)

MUTUAL BROADCASTING SYSTEM

TEXAS STATE NETWORK

FREQUENCY: 1040 Kc. POWER: 10,000 watts. OWNED BY: H. S. Chamber of Commerce. OPERATED BY: Chamber of Commerce. BUSINESS ADDRESS: Hot Springs. PHONE: 212-3. STUDIO ADDRESS: Hot Springs. TRANSMITTER LOCATION: Hot Springs. TIME ON THE AIR: 6:00 A.M. to Local Sunset, 8:00 P.M. to Midnight; Sundays, 7:00 A.M. to Local Sunset, 8:00 P.M. to Midnight. NEWSPAPER AFFILIATIONS: Hot Springs New Era and Sentinel Record. NEWS SERVICE: Associated Press (non-commercial). MAINTAINS ARTISTS BUREAU. TRANSCRIPTION SERVICE: Standard Radio.

Personnel

President	. S.	A. Kemp
General Manager	S.	A. Cisler
Commercial Manager	. A.	Shuman
Program Director	Jack	Wolever
Chief EngineerJ. Cl	into	n Norman

POLICIES

No liquor advertising.

Advance announcements gratis on programs. Dealer contacts by arrangement.

REPRESENTATIVE

John Blair & Co.

KBTM

"YOUR FRIENDLY RADIO NEIGHBOR"

JONESBORO—EST. 1930

ARKANSAS NETWORK

FREQUENCY: 1200 Kc. POWER: 100 waits. OWNED BY: Jay P. Beard. OPERATED BY: Jay P. Beard. OPERATED BY: Jay P. Beard. BUSINESS ADDRESS: 104½ W. Washington. PHONE: 433-866. STUDIO ADDRESS: W. Washington. TRANSMITTER LOCATION: State Highway No. 1. TIME ON THE AIR: 7:15 A.M. to 5:00 P.M. (winter): 7:30 A.M. to 6:30 P.M. (summer). NEWS SERVICE: Transradio News. TRANSCRIPTION SERVICE: Standard Radio.

Personnel

Manager-OwnerJay P. Beard
President
Commercial ManagerJay P. Beard
Advertising ManagerJay P. Beard
Chief AnnouncerDick Altman
Publicity DirectorClarence Adams
Chief Engineer

POLICIES

No liquor advertising, except beer, is accepted.

All announcements limited to 100 words. No foreign language programs accepted. All advertising must be approved by station management before presented.

A merchandising department, supervised by station manager, is available to contracts using reasonable amount of station time. Specific merchandising services are available to these accounts at regular station card rate. Details available upon request.

KARK

LITTLE ROCK-EST, 1930

NBC (RED and BLUE)
ARKANSAS NETWORK

FREQUENCY: 890 Kc. POWER: 1000 watts. OWNED BY: Ark. Radio & Equipment Co. OPERATED BY: Ark. Radio & Equipment Co. BUSINESS ADDRESS: 11th Floor, Professional Bldg. PHONE: 2-1841. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: North Little Rock. TIME ON THE AIR: 6:00 A.M. to Midnight. MAINTAINS ARTISTS' BUREAU. NEWS-PAPER AFFILIATION: Arkansas Farmer. NEWS SERVICE: International News Service. TRANSCRIPTION SERVICE: World Broadcasting System.

Personnel

V-P. and Gen. MgrG. E. Zimmerman
Station ManagerLarry Meinert
Commercial Manager
Program DirectorJack Lewis
Sales Manager
Musical Director Thomas Morrisey
Chief EngineerDan Winn

POLICIES

Accepts beer and wine but no liquor. Accepts foreign language programs.

Resume of programs given twice daily. Letters sent to trade at cost. New programs given build up. Complete cooperation is offered in publicity and merchandising: tie-in with Arkansas Democrat and Arkansas Farmer.

REPRESENTATIVE

Edward Petry & Company

KGHI

LITTLE ROCK—EST. 1927

FREQUENCY: 1200 Kc. POWER: 250 Watts, d.; 100 Watts, n. OWNED BY: Arkansas Broadcasting Co. OPERATED BY: Arkansas Broadcasting Co. BUSINESS ADDRESS: Arkansas Gazette Bldg. STUDIO ADDRESS: Arkansas Gazette Bldg. TRANSMITTER LOCATION: Little Rock. TIME ON THE AIR: 7:30 A.M. to 10:00 P.M. NEWSPAPER AFFILIATION: Arkansas Gazette.

Personnel

Manager		G. Terrill
Program	Director	lenry Frick
Chief En	gineer	C. F. Tracy

POLICIES

Advertising of alcoholic beverages accepted.

KLRA

"VOICE OF ARKANSAS"

LITTLE ROCK-EST, 1926

COLUMBIA BROADCASTING SYSTEM

FREQUENCY: 1390 Kc. POWER: 5000 watts, d.; 1000 watts, n. OWNED BY: Arkansas Broadcasting Co. OPERATED BY: Arkansas Broadcasting Co. BUSINESS ADDRESS: P. O. Box 550. PHONE: 5427-8—LD132. STUDIO ADDRESS: Gazette Bldg. TRANSMITTER LOCATION: Adjacent to North Little Rock. TIME ON THE AIR: (daily) 6:30 A.M. to 12:00 midnight: (Sunday) 7:30 A.M. to 12:00 midnight. NEWSPAPER AFFILIATION: Arkansas Gazette. NEWS SERVICE: United Press, Associated Press. TRANSCRIPTION SERVICE: NBC Thesaurus.

Personnel

PresidentA. L. Chilton
General ManagerS. C. Visonhaler
Chief AnnouncerEarl Rodell
Sales ManagerRay Lang
Publicity ManagerRay Lang
Musical Director Alleene Ables
Chief Engineer

POLICIES

No hard liquor advertising. No call for foreign language accounts in this section of the country.

Assist in counter display cards, and point of sale advertising, and through exploitation with the Arkansas Gazette.

REPRESENTATIVE

The Katz Agency.

KOTN

"COTTON CENTER OF ARKANSAS"

PINE BLUFF—EST, 1934

ARKANSAS NETWORK

FREQUENCY: 1500 Kc. POWER: 100 watts. OWNED BY: Universal Broadcasting Corp. OPERATED BY: Universal Broadcasting Corp. BUSINESS ADDRESS: 505½ Main St. PHONE: 464. STUDIO ADDRESS: 505½ Main. TRANS-MITTER LOCATION: 505½ Main. TIME ON THE AIR: 7:00 A.M. to 11:00 P.M., CST. TRANSCRIPTION SERVICE: C. P. MacGregor.

Personnel

President	. 1	В.	J.	Po	ırrish
Commercial Manager		.R		w.	Etter
Station Manager		R	T	D.	dales



HOW CBS SERVES 5 PACIFIC COAST "BUSINESS STATES"

A "Business State" is a wholesale trading area, surrounding a major distributing center, as defined by leading drug and grocery distributors. It is the territory throughout which you must advertise if you hope to send people into all the stores stocked by your wholesalers.

Calumbia Pacific Network advertising offers the most economical method of paralleling wholesalers' efforts. You not only tell your sales story to the thickly settled metropolitan areas but you can also support your rural distribution as well. At no extra cost!

Notice how the important CBS stations are located: CBS in every important Metropolitan Center of the Pacific Coast (Los Angeles, San Francisco, Portland, Seattle, Tacoma and Spokane) — plus CBS stations in every important subdistributing center located beyon! Intense Daytime Primary Areas of the major stations. That insures even penetration of your program throughout the entire area.

MERGE YOUR COAST DOLLARS FOR MORE POWER!

Next time you advertise on the Coast, procure the extra prestige of a Hollywood-produced, pre-tested Columbia Pacific Network show. CBS is now broadcasting on the Coast the biggest and best array of programs in its history—good company for your program—large audiences of your customers.

COLUMBIA *acific* network

A DIVISION OF THE COLUMBIA

BROADCASTING SYSTEM

Represented by Radio Sales: New York, Chicago, Detroit, St. Louis, Cincinnati, Milwaukee, Charlotte, N. C., Los Angeles, San Francisco

Musical Director.....Lucille Grubbs
Chief Engineer.....J. R. Whitworth

POLICIES

Does not accept liquor advertising. Have not as yet carried any foreign language programs as Arkansas population is practically all American.

Cooperates in every way possible with merchants and distributors. Plugs regular commercial programs daily at various times. Has a number of programs in which listeners participate.

KUOA

"VOICE OF THE OZARKS"

SILOAM SPRINGS—EST. 1922

FREQUENCY: 1260 Kc. Power: 5000 Watts.
OWNED BY: KUOA, Inc. OPERATED BY:
KUOA, Inc. BUSINESS ADDRESS: Siloam
Springs. PHONE: Long distance 77. STUDIO
ADDRESS: Siloam Springs. TRANSMITTER

LOCATION: 1 mile west of Siloam Springs. TIME ON THE AIR: 6:00 A.M. to local sunset. NEWS SERVICE: United Press. TRANSCRIP-TION SERVICES: World Broadcasting System, Langworth Programs, Standard Radio Features.

Personnel

Chairman of Board	. John E. Brown
President	Richard Hodges
Commercial Manager	.Storm Whaley
Station Manager	C. M. Books
Musical DirectorRegin	nald W. Martin
Chief Engineer	J. L. Miller

POLICIES

Station will not accept liquor or any alcoholic beverage advertising.

Also no Sunday commercials.

Closely connected with Ozark American, a monthly magazine, which devotes space to listing and publicity. Also provides posters, and supplemental radio mention on resume programs.

REPRESENTATIVE

Joseph Hershey McGillvra.

CALIFORNIA =

Population 6,154,000

Number of Families 1,818,000

Number of Radio Homes 1,719,800

Retail Sales \$2,239,009,000

Auto Registrations 2,319,341

KERN

BAKERSFIELD—EST. 1932 NBC (RED & BLUE) CALIFORNIA RADIO SYSTEM

FREQUENCY: 1370 Kc. POWER: 100 Watts. OWNED BY: McClatchy Broadcasting Co. OPERATED BY: Same. BUSINESS ADDRESS: Elk's Bldg. PHONE: 5700-1. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TiME ON THE AIR: 7:00 A.M. to midnight: Sundays, 8:00 A.M. to midnight. NEWS. PAPER AFFILIATIONS: Fresno Bee. Sacramento Bee. NEWS SERVICE: International News Service. TRANSCRIPTION SERVICE: Standard Radio.

Personnel

President	Guy C. Hamilton
Commercial Manager	Howard Lane
Station Manager	Robert L. Stoddard
Sales Manager	Robert L. Stoddard
Publicity Director	Philip McHugh
Chief Engineer	Verne Shatto

POLICIES

Does not accept liquor advertising—except beer. No foreign language broadcasts,

Merchandising: Offers complete merchandising service which includes contacting leading stores of the city, pre-announcements on new commercials—and a program resume each day during the noon hour.

REPRESENTATIVE

Paul H. Raymer Co.

KPMC

BAKERSFIELD—EST. 1933 MUTUAL—DON LEE BROADCASTING SYSTEM

FREQUENCY: 1550 Kc. POWER: 1000 Watts. OWNED BY: Pioneer Mercantile Co. OPERATED BY: Pioneer Mercantile Co. BUSINESS ADDRESS: Twentieth & Eye Sts. PHONE: 4500, 5100. STUDIO ADDRESS: 307½ E. 21st St. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 6:45 A.M. to 12:00 P.M. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: World Broadcasting System.

Personnel

President..........F. G. R. Schamblin Station Manager......L. A. Schamblin

Commercial	Manager	L.	A.	Scho	mblin
Chief Annou	incer		(C. C.	Sturm
Musical Dire	ector	1	Irth	ur M	lanter
Chief Engine	eer		1	L. P.	Jarvis

POLICIES

Liquor policy—wine and beer only. Programs and commercials subject to station's approval.

Merchandising through publicity in local newspapers, contact reports, local theater advertising.

KRE

BERKELEY—EST, 1922

FREQUENCY: 1370 Kc. POWER: 250 Watts, d.: 100 Watts, n. OWNED BY: Central California Broadcasters, Inc. OPERATED BY: Same. BUSINESS ADDRESS: 601 Ashby Ave. PHONE: Ashberry 7715. STUDIO ADDRESS: 601 Ashby Ave. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 6:00 A.M. to 1:00 A.M. NEWS SERVICE: International News Service. TRANSCRIPTION SERVICE: Standard Radio.

Personnel

Station Manager	Arthur Westlund
Commercial Manager	Arthur Westlund
Advertising Manager	.Frederick MacPherson
Chief Announcer	Donald Hambly
Sales Manager	.Frederick MacPherson
Publicity Director	.Frederick Macpherson
Musical Director	Harrold S. Hawley
Chief Engineer	Ralph Kennedy

POLICIES

Beer and wine accounts acceptable. Other liquor advertising rejected. Participating sponsorship acceptable on existing Italian News program. Other foreign language programs accepted only at the discretion of the management. Patent medicines, "Doctors" of this and that, health services, etc., acceptable at discretion of management, but such accounts are not solicited.

No fixed policy of merchandising assistance. Point of sale displays, broadsides, billboards, courtesy announcements, and various other promotional features arranged in cooperation with sponsor if desired. Extraordinarily extensive merchandising service available at cost.

KMPC

"THE STATION OF THE STARS"
BEVERLY HILLS—EST. 1928

FREQUENCY: 710 Kc. POWER: 500 Watts.
OWNED BY: G. A. Richards. OPERATED BY:
Same. BUSINESS ADDRESS: 9631 Wilshire
Blvd. PHONE: Woodbury 61166: Oxford 6211.
STUDIO ADDRESS: 9631 Wilshire Blvd.
TRANSMITTER LOCATION: Same. TIME ON

THE AIR: 6:00 A.M. to local sunset; 9:30 P.M. to 1:00 A.M. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: C. P. MacGregor.

Personnel

PresidentG. A. Richards
Vice-PresidentLeo Fitzpatrick
Vice-PresidentJohn Patt
Vice-President-General Manager. Leo B. Tyson
Publicity DirectorLois Cowan
Chief AnnouncerMatt Murray
Musical DirectorOliver Alberti
Chief EngineerRoger Love

POLICIES

Accept beer and wine. No hard liquors, no foreign language.

All new programs announced over air in advance free of charge. One hundred letters sent out free of charge. Other merchandising at actual cost. Full cooperation on publicity.

REPRESENTATIVE

Gene Furgason & Co.

KHSL

"VOICE OF THE GOLDEN EMPIRE"

CHICO—EST, 1935

FREQUENCY: 1260 Kc. POWER: 250 Watts. OWNED BY: Golden Empire Broadcasting Co. OPERATED BY: Same. BUSINESS ADDRESS: P. O. Box 914. PHONE: 237-8. STUDIO ADDRESS: 2nd & Flume Sts. TRANSMITTER LOCATION: Hooker & Madrone Aves. TIME CON THE AIR: 7:00 A.M. to 11:00 P.M. NEWS SERVICE: International News Service. TRANSCRIPTION SERVICE: Library of Transcriptions are purchased outright.

Personnel

President and Gen'l Mgr Harold Smithson
Vice-President William Schield
Chief AnnouncerDon Honsdel
Musical DirectorMax Sypher
Chief Engineer Robert Songstad

POLICIES

No liquor ads accepted. No foreign language programs.

Will distribute window cards and contact advertisers' local customers and generally assist the advertiser with their customers to promote business and better business for both.

Will accept from reputable station representatives. No exclusive representative appointed.

KXO

EL CENTRO—EST. 1927

MUTUAL BROADCASTING SYSTEM

DON LEE BROADCASTING SYSTEM

FREQUENCY: 1500 Kc. POWER: 100 Watts.

OWNED BY: E. R. Irey and F. M. Bowles.

OPERATED BY: F. M. Bowles. BUSINESS AD
DRESS: 793 Main Street. PHONE: El Centro

1100. STUDIO ADDRESS: 793 Main Street. TRANSMITTER LOCATION: El Centro. TIME ON THE AIR: Unlimited (actual, 7:00 A.M. io 11:00 P.M.).

Personnel

Manager.....E. R. Irey

POLICIES

No advertising of alcoholic beverages accepted.

For any business outside of network consult station or any recognized agency.

KIEM

"THE VOICE OF THE REDWOODS"

EUREKA—EST. 1933

MUTUAL-DON LEE

FREQUENCY: 1450 Kc. POWER: 1000 Watts, d.; 500 Watts, n. OWNED BY: Redwood Broadcasting Co., Inc. OPERATED BY: Same. BUSINESS ADDRESS: Vance Hotel. PHONE: 93.4.5. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Eureka Inlet, Humboldt Bay. TIME ON THE AIR: 6:00 A.M. to 10:30 P.M. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: World Broadcasting System, Titan.

Personnel

POLICIES

Accepts only beer and wine liquor accounts. No foreign language programs.

Station maintains merchandising service and give same to advertisers on sustained campaigns without additional charge.

REPRESENTATIVE

John Blair & Company

KARM

"THE VOICE OF CENTRAL CALIFORNIA"
"YOUR COLUMBIA STATION FOR CENTRAL CALIFORNIA"

FRESNO—EST. 1937

COLUMBIA BROADCASTING SYSTEM

FREQUENCY: 1310 Kc. POWER: 100 Watts. OWNED BY: George Harm. OPERATED BY: George Harm. BUSINESS ADDRESS: 1333 Van Ness Ave. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: First & Clinton Sts. TIME ON THE AIR: Full Time License. NEWS SERVICE: International News Service. TRAN SCRIPTION SERVICE: Associated, Standard Radio.

Personnel

President and OwnerGeorge F	larm
Station ManagerLou Kepli	nger
Program DirectorDick Weg	ener
Chief EngineerJohn Sc	ales

POLICIES

No liquor advertising before 10:00 P.M. All program material subject to station approval. Station offers complete merchandising facilities.

REPRESENTATIVE

Joseph Hershey McGillvra. Walter Biddick Co. (Coast)

KMJ

FRESNO-EST. 1922

NBC (RED AND BLUE)
CALIFORNIA RADIO SYSTEM

FREQUENCY: 580 Kc. POWER: 1000 watts. OWNED BY: McClatchy Broadcasting Co. OPERATED BY: Same. BUSINESS ADDRESS: Van Ness & Calaveras. PHONE: 2-8817—(transmitter) 2-0311. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: 1st and Shields. TIME ON THE AIR: 7:00 A.M. to midnight. NEW: APER AFFILIATIONS: McClatchy Newspapers. TRANSCRIPTION SERVICE: NBC Thesaurus. MAINTAINS ARTISTS BUREAU.

Personnel

Station Manager......Keith Collins

POLICIES

Advertising of alcoholic beverages not accepted excepting beer and wine. All programs subject to acceptance of station management and must conform to station policy and government regulations. Only station announcers allowed at the microphone.

Maintains a merchandising service for advertisers.

REPRESENTATIVES

Paul H. Raymer Co.

KIEV

GLENDALE—EST, 1933

FREQUENCY: 850 Kc. POWER: 250 Watts. OWNED BY: Cannon System, Ltd. OPERATED BY: Cannon System, Ltd. BUSINESS ADDRESS: 701 E. Broadway. STUDIO ADDRESS: 701 E. Broadway. TRANSMITTER LOCATION: Glendale. TIME ON THE AIR: Daytime to local sunset.

Personnel

President David H. Cannon General Manager L. W. Peters

POLICIES

Advertising of alcoholic beverages accepted.

KFOX

"WHERE YOUR SHIP COMES IN"

LONG BEACH—EST. 1924
CALIFORNIA RADIO SYSTEM

FREQUENCY: 1250 Kc. POWER: 1000 watts (C. P. 5000 watts, d.). OWNED BY: Hal G. Nichols. OPERATED BY: Same. BUSINESS

ADDRESS: 220 E. Anaheim St. PHONE: 672-81. STUDIO ADDRESS: 220 E. Anaheim St. TRANS-MITTER LOCATION: Same. TIME ON THE AIR: 5:00 A.M. to 12:00 Midnight. NEWS-PAPER AFFILIATION: Long Beach Independent. NEWS SERVICE: Associated Press, United Press. TRANSCRIPTION SERVICE: Standard Radio, C. P. MacGregor.

Personnel

President	Vichols
Commercial Manager . Lawrence W. Mc	Dowell
Station Manager	Vichols
Publicity DirectorLou	Huston
Musical DirectorRolly	Wray
Chief EngineerLawrence W. Mcl	Dowell

POLICIES

Beer and light wines only—no hard liquor. Accepts early morning Spanish accounts only.

> REPRESENTATIVE Walter Biddick Co.

KGER

"THE HARBOR STATION"
LONG BEACH—EST. 1926

FREQUENCY: 1360 Kc. POWER: 1000 Watts.
OWNED BY: Consolidated Broadcasting Corp.
OPERATED: BY: Same. BUSINESS ADDRESS:

Dobyns Footwear Bldg., 435 Pine Ave. PHONE: 660-41. STUDIO ADDRESS: Dobyns Footwear Bldg.; 426 S. Hill St., Los Angeles; County Hall of Records, Los Angeles; Hermosa Biltmore Hotel, Hermosa Beach. TRANSMITTER LOCATION: North Long Beach. TIME ON THE AIR: 6:00 A.M. to midnight. NEWSPAPER AFFILLATION: Long Beach Press, Telegram and Sun. NEWS SERVICE: Transradio Press. KGER News Bureau, and local news. TRANSCRIPTION SERVICE: World Broadcasting System, Standard Radio, NAB Transcriptions. MAINTAINS ARTISTS' BUREAU.

Personnel

President-Gen'l ManagerC. Merwyn Dobyns
Commercial ManagerJohn A. Dobyns
Business ManagerTom Hunter
Chief Announcer
Program Director
Publicity and Production Director
Les Mawhinney
News Editor Clete Roberts

Foreign language are accepted and will be prepared by a special foreign language department, at times satisfactory to station. Advertising of alcoholic beverages accepted but only with copy and time acceptable to station. All such contracts subject to immediate cancellation. Station reserves the right

ADMITTEDLY ...

 The most popular shows on the air are listened to over KFI.

OBVIOUSLY . . .

- In Southern California, the best buy is . . . KFI.
- Powered to cover— Powered to sell three million buyers in the nation's third major market.

50,000 WATTS



NBC RED NETWORK 640 ON YOUR DIAL

barle C. anthony. Inc

KFI — LOS ANGELES — KECA EDWARD PETRY & CO.

NATIONAL SALES REPRESENTATIVES

to refuse or revise all programs. Programs must conform to station rules and all othe regula-

REPRESENTATIVE

Howard H. Wilson Company

KECA

"KNOWLEDGE; EDUCATION; CULTURE: ARTISTRY."

LOS ANGELES-EST, 1929

NBC-BLUE

FREQUENCY: 1430 Kc. POWER: 5000 watts. OWNED BY: Earle C. Anthony. OPERATED BY: Same. BUSINESS ADDRESS: 1000 S. Hope St. PHONE: Richmond 6111. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: 82nd St. & Compton Ave. TIME ON THE AIR: 7:00 A.M. to midnight. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: Standard Transcript Library.

Personnel

President Earle C. Anthony
General and Station Manager
Harrison Holliway
Commercial and Sales Manager Clyde Scott
Program Manager Glan Heisch
Production Manager John I. Edwards
Musical Director Claude Sweeten
Publicity Director Bernard Smith
Chief Engineers Curtis Mason,
H. L. Blatterman

POLICIES

Station will cooperate with publicity and sales promotional facilities and reasonal merchandising requests.

REPRESENTATIVE Edward Petry & Company

KEHE

"THE EVENING HERALD & EXPRESS STATION"

LOS ANGELES—EST. 1925

FREQUENCY: 780 Kc. POWER: 5000 Watts, d.: 1000 Watts, n. OWNED BY: Hearst Radio, Inc. DPERATED BY: Hearst Radio, Inc. BUSI-NESS ADDRESS: 141 No. Vermont. PHONE: Exposition 1341. STUDIO ADDRESS: 141 No. Vermont. TRANSMITTER LOCATION: (Near Baldwin Hills) 2951 Moynier Lane. TIME ON THE AIR: (daily) 6:00 A.M. to midnight; (Sunday) 7:00 A.M. to midnight. NEWSPAPER AFFILIATIONS: Los Angeles Evening Herald and Express. NEWS SERVICES: International and Universal Services. TRANSCRIPTION SERVICES: Associated Library and C. P. MacGregor.

Personnel

General ManagerJack O. Gro	SS
Assistant ManagerHoward W. Gambr	ill
Musical DirectorJack Stanle	еy
Chief Announcer George Irw	rin

Program	m Direct	or											Αl	Poska
Chief	Engineer							. 1	F	re	эd	l	Rα	gadale

POLICIES

Light wines and beer acceptable. No foreign language programs.

Merchandising service available upon request.

REPRESENTATIVE

International Radio Sales.

KFAC

"HOME, CHURCH AND SCHOOL"

LOS ANGELES-EST, 1933

FREQUENCY: 1300 Kc. POWER: 1000 watts. OWNED BY: Los Angeles Broadcasting Co. OPERATED BY: Los Angeles Broadcasting Co. BUSINESS ADDRESS: 645 So. Mariposa. PHONE: Fitzroy 1234. STUDIO ADDRESS: 645 So. Mariposa. TRANSMITTER LOCATION: 8581 W. 18th St. TIME ON THE AIR: 24 hours daily. NEWS SERVICE: United Press.

Personnel

President and Gen'l Manager.	Calvin J. Smith
Sales Manager	.Chas. T. Hughes
Program Manager	Robert Swan
Publicity Director	Lucille Dinsmore
Traffic Manager	Ruth Brown
Musical Director	Gino Severi
Chief Engineer	H. W. Anderson

POLICIES

Station accepts no advertising of a questionable nature, such as oil deals, patent medicines, etc. No hard liquor advertising is accepted and wines and beer advertising only after 10:00 P.M. Station prohibits use of blood and thunder children's programs, as well as foreign language programs. Medical advertising must be approved by the Los Angeles Medical Association.

KFI

"THE BEST BUY IS KFI"

LOS ANGELES-EST, 1922

NBC-RED

NATIONAL BROADCASTING CO. FREQUENCY: 640 Kc. POWER: 50,000 watts. OWNED BY: Earle C. Anthony. OPERATED BY: Same. BUSINESS ADDRESS: 1000 S. Hope St. PHONE: Richmond 6111. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Buena Park. TIME ON THE AIR: 7:00 A.M. to midnight. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: Standard Transcription Library.

Personnel

President Earle C. Anthony
General and Station Manager
Harrison Holliway
Commercial Manager Clyde Scott
Program Manager Glan Heisch

Publicity Director	Bernard Smith
Musical Director	.Claude Sweeten
Projection Manager	.John I. Edwards
Chief Engineers	Curtis Mason,
	H. L. Blatterman

POLICIES

Station will cooperate with publicity, sales promotional and merchandising facilities.

REPRESENTATIVE

Edward Petry & Company

KFSG

LOS ANGELES

FREQUENCY: 1120 Kc. POWER: 2500 Watts. d.; 500 Watts. n. OWNED BY: Echo Park Evangelistic Association. OPERATED BY: Echo Park Evangelistic Association. TIME ON THE AIR: Shares Time with KRKD.

POLICIES

Station does not sell time.

KFVD

"CENTER OF THE DIAL"

LOS ANGELES

FREQUENCY: 1000 Kc. POWER: 1000 Watts. OWNED BY: Standard Broadcasting Co. OPERATED BY: Same. BUSINESS ADDRESS: 338 S. Western Ave. PHONE: Fitzroy 6346. STUDIO ADDRESS: 338 S. Western. TRANSMITTER LOCATION: Culver City. TIME ON THE AIR: 6:00 A.M. to local sunset. 10:00 P.M. to 4:00 A.M. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: NAB Library.

Personnel

Owner J. F. Bu	rke
Station ManagerFrank But	rke
Sales ManagerPete Wo	atts
Chief Announcer	ιαγ
Chief EngineerJack Smiths	son

POLICIES

Will not accept any liquor or beer account.

K F W B

"WARNER BROS. MOTION PICTURE STUDIOS IN HOLLYWOOD"

LOS ANGELES-EST, 1926

CALIFORNIA RADIO SYSTEM

FREQUENCY: 950 Kc. POWER: 5000 watts, d.; 1000 watts, n. OWNED BY: Warner Bros. Broadcasting Corp. OPERATED BY: Same. BUSINESS ADDRESS: 5833 Fernwood Ave. PHONE: Hempstead 5151. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Baldwin Hills. TIME ON THE AIR: 6:30 A.M. to midnight (daily): 8:00 A.M. to midnight (Sundays). NEWS SERVICE: International News Service. TRANSCRIPTION SERVICE: Standard Radio. Associated Music. MAINTAINS ARTISTS BUREAU.

Personnel

President
Station Manager
Chief Announcer
Sales Manager
Production ManagerManning Ostroff
Publicity DirectorIrving Parker
Musical DirectorLeon Leonardi
Chief Engineer

POLICIES

Liquor advertising or foreign language programs not acceptable.

Merchandising: Collaboration with clients on development of merchandising tie-ins to programs. Station makes arrangements for complete field merchandising service for clients at cost.

REPRESENTATIVE

Paul H. Raymer Co.

KGFJ

LOS ANGELES-EST. 1926

FREQUENCY: 1200 Kc. POWER: 100 Watts. OWNED BY: Ben S. McGlashan. OPERATED BY: Ben S. McGlashan. STUDIO ADDRESS: 1417 S. Figueroa St. PHONE: Prospect 2434. TRANSMITTER LOCATION: Washington and Oak Sts. TIME ON THE AIR: Full Time License. NEWS SERVICE: International News Service. TRANSCRIPTION SERVICE: C. P. MacGregor: Titan Production Co.: Associated Recorded Program Service; Standard Radio.

Personnel

Manager		Ben	S. M	cGlashan
Assistant	Manager	H.	Duke	Hancock
Program	Director	T	helma	Kirchner

POLICIES

Beer and wine accounts accepted, but no hard liquor, nor patent medicines. Commercials limited according to length of program. Foreign language accounts (Spanish) taken. All copy subject to approval of Better Business Bureau.

REPRESENTATIVE

Cox & Tanz

КНJ

"KINDNESS, HAPPINESS AND JOY"

LOS ANGELES—EST. 1932

MUTUAL & DON-LEE BROADCASTING SYSTEM

FREQUENCY: 900 Kc. POWER: 5000 Watts, 1000 Watts, n. OWNED BY: Don-Lee Broadcasting System. OPERATED BY: Same. BUSINESS ADDRESS: Seventh & Bixel Sts.; 1076 W. 7th St. PHONE: VA. 7111. STUDIO ADDRESS: Seventh & Bixel Sts., 1076 W. 7th St. TRANSMITTER LOCATION: Same. TIME ON

THE AIR: 6:00 A.M. to 1:00 A.M. (daily): 8:00 A.M. to 12:00 Midnight (Sunday). NEWS SERVICE: Transradio Press. International News Service. MAINTAINS ARTISTS' BUREAU. TRANSCRIPTION SERVICE: World Broadcasting System.

Personnel

PresidentThomas Lee
Vice-President and General Manager
Lewis Allen Weiss
Commercial Manager Sydney Gaynor
Chief AnnouncerJames Burton
Publicity DirectorFrances Goloth
Musical Director
Chief EngineerFrank Kennedy

POLICIES

Will take beer and wine.

Merchandising plan: Theater trailers in five downtown theaters, lobby cards in theaters, 8 x 10 ads in the following papers; L. A. Daily News, L. A. Downtown Shopping News, L. A. Evening News, Hollywood Shopping News, and San Gabriel Valley Topics; weekly full page. back cover (two colors), in Southern California Grocers Journal with a circulation of 4.250 among independent grocers; display cards in 450 Yellow Taxis with a circulation of 400.000.

REPRESENTATIVE

John Blair & Company

KMTR

"KMTR, 570 Kc.—TOP OF THE DIAL"

LOS ANGELES—EST, 1924

FREQUENCY: 570 Kc. POWER: 1000 Watts. OWNED BY: KMTR Radio Corp. OPERATED BY: KMTR Radio Corp. BUSINESS ADDRESS: 1000 Cahuenga Blvd. PHONE: Hillside 1161. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 5:00 A.M. to 12:00 P.M. (on unlimited license). MAINTAINS ARTISTS: BUREAU.

Personnel

PresidentVictor E. Dalton
General ManagerKenneth O. Tinkham
Production ManagerBud Ernst, Jr.
Musical DirectorSalvatore Santaella
Chief TechnicianCarrol Hauser

POLICIES

Station does not accept patent medicine or medical advertising. Beer and wine advertising accepted; hard liquor advertising accepted only after 10:00 P.M. Station does not accept advertising for stock-selling companies, lotteries, fortune tellers or astrologists. Station accepts foreign language programs.

REPRESENTATIVE

Burn-Smith Co.

KNX

"THE VOICE OF HOLLYWOOD"

LOS ANGELES—EST. 1922

COLUMBIA BROADCASTING SYSTEM FREQUENCY: 1050 Kc. POWER: 50,000 Watts. OWNED BY: Columbia Broadcasting OPERATED BY: Same. BUSINESS System. ADDRESS: 6125 Sunset Blvd., Columbia PHONE: Hollywood Sauare, Hollywood. STUDIO ADDRESS: Same. MITTER LOCATION: Columbia Park, Torrance, Calif. TIME ON THE AIR: 6:00 A.M. to 1:00 A.M.; Sundays, 7:00 A.M. to 1:00 A.M. NEWS SERVICE: United Press. ARTISTS' BUREAU: Columbia Management of California, Inc. TRANSCRIPTION SERVICE: Associated Library Service.

Personnel

General ManagerDonald W. Thornburgh Ass't Gen'l ManagerJohn M. Dolph Sales ManagerHarry W. Witt Director of Public AffairsFox Case
Radio Sales ManagerGeorge L. Moskovics
Program DirectorCharles Vanda
Ass't Program DirectorBen Paley
Musical DirectorWilbur Hatch
Chief EngineerLester H. Bowman
Sales Promotion Manager Edwin W. Buckalew
Publicity Director
Continuity ChiefRuss Johnston
Production ManagerEdith Todesca
Traffic Manager
Sound Effects Chief
Managing News EditorNelson Pringle
Comptroller
Chief Announcer

POLICIES

No liquor advertising accepted. Contracts not accepted more than 60 days in advance of initial program. Maximum length of contract, one year. All programs and advertising copy subject to approval of station. Lectures and Talks (except political talks) are not accepted between the hours of 6:00 P.M. and 12:00 midnight. No commercial broadcasts consisting of straight talks (except political talks) are acceptable for periods of more than five minutes and then only before 6:00 P.M. (Other restrictions same as CBS network.)

Merchandising: Individualized service supplants routine merchandising assistance; every product is considered a new exploitation opportunity. A complete publicity department is maintained rendering plus service for sponsors and their products.

REPRESENTATIVE

Radio Sales.

KRKD

LOS ANGELES—EST. 1927

FREQUENCY: 1120 Kc. POWER: 2500 watts, d.; 500 watts, n. OWNED BY: Radio Broad-

casters, Inc. OPERATED BY: Same. BUSINESS ADDRESS: 541 South Spring St. PHONE: Tucker 7111. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: 1100 Glendale Blvd. TIME ON THE AIR: (Mon.. Tues., Wed., Thurs. & Sat.) 6:00 A.M. to 7:45 P.M. (Friday) 6:00 A.M. to midnight. (Sunday) 6:30 A.M. to 10:30 A.M.—12:30 P.M. to 3:00 P.M. & 4:00 P.M. to 7:00 P.M. NEWSPAPER AF-FILIATIONS: Daily News, Evening News. NEWS SERVICE: United Press.

Personnel

General Manager ... John A. Driscoll
Studio Manager & Program Director
Howard R. Bell
Publicity Director ... Joe Micciche
Musical Director ... Salvatore Santaella
Chief Engineer ... Willis O. Freitag

POLICIES

Does not solicit any liquor or foreign language accounts.

Maintains a promotion department that aids accounts in conducting special sales or events.

REPRESENTATIVE

Joseph Hershey McGillvra.

KYOS

"VOICE OF GREATER YOSEMITE EMPIRE"

MERCED-EST. 1936

FREQUENCY: 1040 Kc. POWER: 250 Watts.
OWNED BY: Merced Star Publishing Co. OPERATED BY: Same. BUSINESS ADDRESS:
Merced. PHONE: 1430-1-2. STUDIO ADDRESS:
Merced. TRANSMITTER LOCATION: 2 miles
N.E. of Merced on G Street Grade. TIME ON
THE AIR: 6:00 A.M. to sunset. NEWS SERVICE: United Press. NEWSPAPER AFFILIATIONS: United Press. TRANSCRIPTION SERVICE: NBC Thesaurus, Standard Radio Library.

Personnel

President	Ray McClu	ıng
Commercial Manager	George Barrine	дег
Chief Announcer	Charles Kingsley,	Jr.
Station Manager	John W. Cre	ws
Sales Manager	John W. Cre	ws
Publicity Director	Stanley Pratt,	Jr.
Chief Engineer	Morton Weib	ers

POLICIES

No mention of names or prices on hard liquors.

Foreign language programs allowed if translated copy is supplied in advance; no duplicate announcements in English; cash in advance.

REPRESENTATIVE

Walter Biddick Co.-West Coast

KTRB

"VOICE OF CENTRAL CALIFORNIA"

MODESTO—EST. 1934

FREQUENCY: 740 Kc. POWER: 250 Watts. OWNED BY: T. R. McTammany and Wm. H. Bates, Jr. OPERATED BY: Central California Broadcasters Co. BUSINESS ADDRESS: McHenry and Sylvan Aves. PHONE: Modesto 774. STUDIO ADDRESS: McHenry and Sylvan Aves. TRANSMITTER LOCATION: McHenry and Sylvan Aves. TIME ON THE AIR: Sunrise to sunset. NEWSPAPER AFFILIATIONS: Oakdale Enterprise, Jamestown Enterprise. NEWS SERVICE: United Press and local news.

Personnel

POLICIES

Only beer and wine accounts accepted. All programs and announcements are subject to the owner's approval and the Federal Communications Commission regulations.

REPRESENTATIVES

Walter Biddick Co. and Cox & Tanz

K D O N

"THE MONTEREY BAY STATION" MONTEREY—EST. 1935

DON LEE-MUTUAL

FREQUENCY: 1210 Kc POWER: 100 Watts. OWNED BY: Monterey Peninsula Broadcasting Co. OPERATED BY: Monterey Peninsula Broadcasting Co. BUSINESS ADDRESS: 275 Pearl Ct. PHONE: 8111. STUDIO ADDRESS: 275 Pearl St. Monterey; Hotel Palomar, Santa Cruz; 137 Monterey; St., Salinas. TRANSMITTER LOCATION: Municipal Wharí, Montrey, Calif. TIME ON THE AIR: 6:30 A.M. to 11:30 P.M. NEWSPAPER AFFILIATION: Monterey Peninsula Herald, Salinas Newspapers, Inc. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: C. P. McGregor, Inc.

Personnel

PresidentAllen Griffin
Station Manager Howard V. Walters
Commercial Manager
Chief AnnouncerJack Eliassen
Publicity DirectorBob Pinkerton
Chief Engineer Melvin Johnson, Jr.

POLICIES

Takes wine and beer advertising.

Merchandising aids through movie trailers (when furnished by advertiser), letters to the trade, etc.

REPRESENTATIVE

John Blair & Co.

KLS

OAKLAND—EST. 1921 BAY BROADCASTING SYSTEM

FREQUENCY: 1280 Kc. POWER: 250 Watts, day and night. OWNED BY: Warner Brothers. OPERATED BY: Same. BUSINESS ADDRESS: 327-21st St. PHONE: Higate 1212. STUDIO ADDRESS: 327-21 St. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 24 hours daily. NEWS SERVICE: International News Service.

Personnel

Station Manager......S. W. Warner Commercial Manager.....F. W. Morse

POLICIES

Beer and wine accepted. Portuguese and Italian programs now being carried.

Merchandising: Sponsors products may be displayed in special windows and spaces within Warner Brothers Village—a novel broadcasting center with transmitter-officesstudios-and reception court open to the public. Area of village 22,000 square feet. Eleven indoor cottages comprise the village. Court area adequate to show 5 automobiles.

кiх

OAKLAND-EST, 1922

FREQUENCY: 880 Kc. POWER: 1000 Watts. OWNED BY: Tribune Building Co. OPERATED BY: Tribune Building Co. BUSINESS ADDRESS: Tribune Tower, 13th & Franklin. PHONE: Templebar 6000. STUDIO ADDRESS: Tribune Tower, 13th & Franklin Sts. TRANSMITTER LOCATION: Oakland. TIME ON THE AIR: 7:30 A.M. to 11:30 P.M.; Sundays, 12:00 noom to 11:00 P.M. NEWSPAPER AFFILIATION: The Oakland Tribune. TRANSCRIPTION SEBVICE: World Broadcasting System.

Personnel

ManagerPreston D. Allen

POLICIES

Advertising of alcoholic beverage not accepted, excepting beer and wine. Advertisers cooperating in group broadcasts are required to make individual contracts with the company subject to card rates and regulations.

KROW*

OAKLAND—EST. 1925

FREQUENCY: 930 Kc. POWER: 1000 Watts.
OWNED BY: Educational Broadcasting Corp.
OPERATED BY: Educational Broadcasting Corp.
BUSINESS ADDRESS: 464 Nineteenth St.
PHONE: Glencort 6774. STUDIO ADDRESS:
Hotel Bellevue. PHONE: Ordway 6868. TRANSMITTER LOCATION: 1520 Eighth Ave. TIME
ON THE AIR: Unlimited. NEWS SERVICE:

United Press. TRANSCRIPTION SERVICE: C. P. MacGregor.

* No further information made available after usual requests.

KPPC

PASADENA-EST. 1924

FREQUENCY: 1210 Kc. POWER: 100 Watts. OWNED BY: Pasadena Presbyterian Church. OPERATED BY: Presbyterian Church. BUSINESS ADDRESS: 585 E. Colorado St. PHONE: Terrace 2193. STUDIO ADDRESS: 585 E. Colorado. TRANSMITTER LOCATION: 585 E. Colorado. TIME ON THE AIR: (Sunday) 9:00 A.M. to 1:00 P.M. & 6:45 P.M. to 9:00 P.M. (Wednesday) 7:00 A.M. to 9:30 P.M.

Personnel

Station Manager	
Chief Announcer	Vincent Parsons
Program Director.	Leon Hall
Chief Engineer .	N. V. Parsons

POLICIES

Takes no commercial programs.

KVCV

"VOICE OF THE CENTRAL VALLEY"

REDDING-EST, 1936

FREQUENCY: 1200 Kc. POWER: 100 Watts. OWNED BY: Golden Empire Broadcasting Co. OPERATED BY: Same. BUSINESS ADDRESS: P. O. Box 477. PHONE: 900. STUDIO ADDRESS: Main 99 Highway. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 7:00 A.M. to 11 P.M. NEWS SERVICE: United Press.

Personnel

President	Harold Smithson
Vice-President	William Schield
Commercial Manager	Harold Smithson
Advertising Manager	Harold Smithson
Chief Announcer	. Harry De Lasaux
Station Manager	Harold Smithson
Production Manager	.Harry De Lasaux
Publicity Director	Harold Smithson
Chief Engineer	Robert Songstad

POLICIES

Approved beer advertising—but no wine or liquor advertising accepted. No foreign language programs.

Will contact local merchants re: samples, showcards etc. for advertisers as merchandising aid.

KFBK

"THE CAPITOL STATION OF CALIFORNIA"

SACRAMENTO—EST. 1922 NBC (RED & BLUE)—CALIFORNIA RADIO SYSTEM

FREQUENCY: 1490 Kc. POWER: 10,000 Watts. OWNED BY: McClatchy Broadcasting

Co. OPERATED BY: Same. BUSINESS ADDRESS: 708 Eye St. PHONE: Main 5000. STUDIO ADDRESS: 708 Eye St. TRANSMITTER LOCATION: Yolo County. California. TIME ON THE AIR: 7:00 A.M. to 12:00 Midnight. NEWSPAPER AFFILIATION: The Sacramento Bee. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: NBC Thesaurus.

Personnel

Vice-President	n
Business Manager	e
Chief Announcer	er
Station Manager	е
Sales ManagerLeo Ricket	ts
Publicity Director	n
Musical Director	e
Chief EngineerNorman D. Webste	er

POLICIES

No hard liquor advertising accepted. No foreign language programs.

Merchandising: Placement of displays, letters to the trade, publicity in newspapers of territory.

REPRESENTATIVE

Paul H. Raymer Company

KROY

"THE ROY MILLER STATION"

SACRAMENTO-EST. 1937

COLUMBIA BROADCASTING SYSTEM FREQUENCY: 1210 Kc. POWER: 100 Watts. OWNED BY: Royal Miller. OPERATED BY: Same. BUSINESS ADDRESS: Sacramento Hotel. PHONE: Main 665-6. STUDIO ADDRESS: Sacramento Hotel. TRANSMITTER LOCATION: 6th Ave. & 65th St. TIME ON THE AIR: 6:30 A.M. to sundown. NEWS SERVICE: International News Service. TRANSCRIPTION SERVICE: Standard Radio.

Personnel

President-OwnerRoyal	Miller
General ManagerWill Thomps	on, Jr.
Station Manager	on, Jr.
Chief AnnouncerLee I	Kendall
Chief EngineerMilton	Соорег

POLICIES

No hard liquor or foreign language accounts accepted.

Complete merchandising service is available to national advertisers.

REPRESENTATIVE

Joseph Hershey McGillvra. Walter Biddick & Company (Coast).

KFXM

"VOICE OF THE SUNKIST VALLEY"

SAN BERNARDINO-EST. 1929 MUTUAL-DON LEE

FREQUENCY: 1210 Kc. POWER: 100 Watts.
OWNED BY: J. C. & E. W. Lee. OPERATED

BY: Lee Bros. Broadcasting Co. BUSINESS ADDRESS: California Hotel. PHONE: 4761 & 2. STUDIO ADDRESS: Same. TRANSMITER LOCATION: Same. TIME ON THE AIR: 6:00 A.M. to 12:00 P.M. except Wednesday; Sunday, 1:00 P.M. to 6:45 P.M. and 9:00 P.M. to 12:00 midnight; Wednesday, 6:00 A.M. to 7:00 P.M. and 9:30 to 12:00 midnight. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: Standard Radio.

Personnel

Station Manager	J. Cliff	ord Lee
Commercial Manager	Gene	W. Lee
Chief Announcer	. Howard	Baichly
Sales Manager	Maurice	Vroman
Publicity Director	E.	W. Lee
Chief Engineer	Richard	F. Lewis

POLICIES

Liberal policy, but does not solicit liquor advertising or encourage same.

Merchandising: Maintains contact man to work with distributors and dealers. Newspaper and shopping news publicity.

REPRESENTATIVE

John Blair & Company

KFSD

SAN DIEGO-EST. 1926

NBC (Pacific-Blue)

FREQUENCY: 600 Kc. POWER: 1000 Watts. OWNED BY: Airfan Radio Corp., Ltd. OPERATED BY: Airfan Radio Corp., Ltd. BUSINESS ADDRESS: U. S. Grant Hotel. 326 Breadway. PHONE: Franklin 6353. STUDIO ADDRESS: U. S. Grant Hotel. 326 Broadway. TRANSMITTER LOCATION: U. S. Grant Hotel, 326 Broadway. TIME ON THE AIR: (daily) 7:00 A.M. to midnight. (Sunday) 8:00 A.M. to midnight. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: NBC. Thesaurus

Personnel

President-Station Manager.	Thomas E. Sharp
Assistant Manager	Sam Lipsett
Commercial Manager	John Babcock
Sales Manager	John Babcock
Program-Publicity Director	Leah McMahon
Musical Director	Leah McMahon
Chief Engineer	. Harold Hasenbeck

POLICIES

Station accepts beer and wine advertising but has so far not accepted hard liquor accounts.

Has not accepted any foreign language accounts.

Merchandising: Contests of legitimate nature are allowed on any commercial program. Exploitation and publicity for both sustaining and commercial programs are handled by Publicity Director. News stories, pictures, cuts, and mats, when available are released daily to both local and out-of-town papers and radio

journals for release. Surveys and any extra exploitation may be arranged for on an actual cost basis.

REPRESENTATIVE

Joseph Hershey McGillvra

KGB

SAN DIEGO-EST, 1931

MUTUAL-DON LEE

FREQUENCY: 1330 Kc. POWER: 1000 Watts. OWNED BY: Don Lee Broadcasting System. OPERATED BY: Same. BUSINESS ADDRESS: 1012 First Ave. PHONE: Franklin 6151. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: (daily) 7:00 A.M. to 1:00 AM. (Sunday) 8:00 A.M. to midnight. NEWS SERVICES: Transradio Press, International News Service. TRANSCRIPTION SERVICE: World Broadcasting System.

Personnel

Genl. Mgr	Lewis Allen Weiss
Station Manager	S. W. Fuller
Sales Manager	D. J. Donnelly
Program Director	David R. Young
Chief Engineer	Milam Cater

POLICIES

No liquor; beer and wine only. No foreign language accounts accepted.

Merchandising: Station offers complete merchandising cooperation by means of dealer surveys, point-of-sale promotion, display advertising in the San Diego Shopping News.

REPRESENTATIVE

John Blair & Co.

KFRC

SAN FRANCISCO—EST. 1926 MUTUAL—DON LEE BROADCASTING SYSTEM

FREQUENCY: 610 Kc. POWER: 5,000 Watts.
d.; 1,000 Watts. n. OWNED BY: Don-Lee
Broadcasting System. OPERATED BY: Same.
BUSINESS ADDRESS: 1000 Van Ness Ave.
PHONE: Prospect 0100. STUDIO ADDRESS:
1000 Van Ness Ave. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 6:30 A.M.
to midnight: Sundays, 8:00 A.M. to midnight.
NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: World Broadcasting
System.

Personnel

President	Thomas S. Lee
Station Manager	Wilbur Eickelberg
Commercial Manager	Ward D. Ingrim
Program Director	William D. Pabst
Chief Announcer	Robert Bence
Publicity Director	Pat Kelly
Musical Director	Chet Smith
Chief Engineer	Ernest G. Underwood

POLICIES

Wine and beer advertising accepted. Do not broadcast foreign language programs.

Merchandising is available, dependent on specific requirements of individual accounts.

REPRESENTATIVE

John Blair & Co.

KĠO

SAN FRANCISCO-EST. 1924

NATIONAL BROADCASTING CO. FREQUENCY: 790 Kc. POWER: 7,500 Watts. OWNED BY: General Electric Co. OPERATED BY: National Broadcasting Co. BUSINESS ADDRESS: 111 Sutter St. PHONE: Sutter 1920. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Oakland. TIME ON THE AIR: (daily) 7:00 A.M. to midnight—(Sunday) 8:00 A.M. to midnight. NEWS SERVICE: International News Service and United Press. TRANSCRIPTION SERVICE: NBC Thesaurus.

Personnel

President
Station ManagerLloyd E. Yoder
Sales Promotion ManagerRobert McAndrews
Program DirectorGlenn Dolberg
Production ManagerRobert Seal
Office ManagerS. P. Dorais
Chief AnnouncerRichard Ellers
Sales Manager
Publicity DirectorMilton Samuel
Musical Director
Station EngineerCurtis D. Peck

POLICIES

Station subscribes to all policies of National Broadcasting Company's operated stations. Merchandising facilities include extensive machinery for picture displays in stores and lobbies, special feature material broadcast on daily program of radio news, attention-calling announcements and resume broadcasts, and consultation of sales promotion department in devising merchandising tie-ups for sponsor.

REPRESENTATIVE

National Broadcasting Co., Inc.

KJBS

SAN FRANCISCO—EST. 1925

KIBS-KOW COMBINATION

FREQUENCY: 1070 Kc. POWER: 500 Watts. OWNED BY: Julius Brunton & Sons Co. OPERATED BY: Julius Brunton & Sons Co. BUSI. NESS ADDRESS: 1470 Pine St. PHONE: Ordway 4148. STUDIO ADDRESS: 1470 Pine St. TRANSMITTER LOCATION: 1470 Pine St. TIME ON THE AIR: (Mon., Tues., Wed., Thurs., Fri. & Sunday) 10:00 A.M. to local sunset. (Saturday) 10:30 A.M. to local sunset. NEWS SERVICE: United Press, KJBS News Service. TRANSCRIPTION SERVICE: Standard Radio, Langlois & Wentworth, NAB Library.

Personnel

POLICIES

Beer and wine advertising is accepted; no hard liquor advertising accepted. Foreign language accounts not accepted. All continuity must be passed on by continuity department as to length, content, etc.

Merchandising service includes trailers in leading San Francisco and Peninsula Theaters. Close cooperation with leading San Francisco newspapers. Tune-in announcements.

K P O

SAN FRANCISCO—EST. 1922 NATIONAL BROADCASTING CO.

FREQUENCY: 680 Kc. POWER: 50,000 Watts. OWNED BY: National Broadcasting Co. OPERATED BY: Same. BUSINESS ADDRESS: 111 Sutter St. PHONE: Sutter 1920. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Belmont. TIME ON THE AIR: (daily) 7:00 A.M. to midnight: (Sunday) 8:00 A.M. to midnight. NEWS SERVICE: International News Service and United Press. TRANSCRIPTION SERVICE: NBC Thesaurus.

Personnel

President	.Lenox R. Lohi
Station Manager	Lloyd E. Yoder
Sales Promotion Manager Ro	bert McÄndrews
Program Director	.Glenn Dolberg
Production Manager	Robert Seal
Office Manager	S. P. Dorais
Chief Announcer	Richard Ellers
Sales ManagerW	'illiam B. Ryan
Publicity Director	. Milton Samuel
Musical Director	leredith Willson
Station Engineer	.Curtis D. Peck

POLICIES

Station subscribes to all policies of the National Broadcasting Company's operated stations. Merchandising facilities include extensive machinery for picture displays in stores and lobbies, special feature material broadcast on daily program of radio news, attention-calling announcements and resume broadcasts, and consultation of sales promotion department in devising merchandising tie-ups for sponsor.

REPRESENTATIVE

National Broadcasting Co., Inc.

KSAN

"SAN FRANCISCO'S TWENTY-FOUR HOUR STATION"

SAN FRANCISCO—EST. 1925
BAY BROADCASTING SYSTEM

FREQUENCY: 1420 Kc. POWER: 100 Watts. OWNED BY: Golden Gate Broadcasting Co. OPERATED BY: Same. BUSINESS ADDRESS: 1355 Market St. PHONE: Market 8171. STU-DIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: Full Time. NEWS SERVICE: International News Service. TRANSCRIPTION SERVICE: Standard Radio, Transco.

Personnel

Station ManagerS. H. Patterson
Sales Manager
Publicity DirectorLes. Malloy
Musical Director
Chief Engineer

POLICIES

No hard liquor accepted. No other restrictions. Limited foreign language programs now on station.

Merchandising: Newspaper space, theater trailers, theater shows, mailing department, billboard, or any or all of these may be included in a contract for time and or talent.

REPRESENTATIVE

Howard Wilson Company

KSFO

"THE CBS STATION"

SAN FRANCISCO—EST. 1925 COLUMBIA BROADCASTING SYSTEM

FREQUENCY: 560 Kc. POWER: 5000 Watts, d.; 1000 Watts, n. OWNED BY: The Associated Broadcasters, Inc. OPERATED BY: Same. BUSINESS ADDRESS: Palace Hotel Bldg., 140 esse St. PHONE: Garfield 4700. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Islais Creek. TIME ON THE AIR: 6:15 A.M. to 1:00 A.M. NEWS SERVICE: International News Service. TRANSCRIPTION SERVICE: Standard Radio, NAB Library.

Personnel

President	W.	I.	Dumm
Vice-President	Philip	G.	Lasky
General Manager	.Philip	G.	Lasky
Program Director	J. (C. N	/lorgan
Publicity Director	Ha	rry	Elliott
Musical Director	Dick	Ā١	ırαwdt
Chief Engineer	R. V	7. H	loward

POLICIES

No liquor advertising; only beer. No foreign language programs. No lectures or talks are accepted between 6:00 and 11:00 P.M. except political during a campaign. No commercial broadcasting consisting of straight talks (except political) are acceptable for periods of more than five minutes and then only before 6:00 P.M. Medical products subject to examination by station before acceptance, and usually only well-known products accepted. No unusual claims allowed.

Merchandising done on actual cost basis. Station has facilities to send letters and bulletins to jobbers and reasonable list of retailers; personal calls to jobbers and prominent retailers. Station will distribute displays, cards or merchandise at cost, but will not solicit business for advertisers. All merchandising problems are handled as individual cases, without attempting to apply a rigid fixed policy.

REPRESENTATIVE

Free & Peters, Inc.

KYA

SAN FRANCISCO-EST. 1926

CALIFORNIA RADIO SYSTEM

FREQUENCY: 1230 Kc. POWER: 5,000 Watts. d.; 1,000 Watts, n. OWNED BY: Hearst Radio, Inc. OPERATED BY: Same. BUSINESS ADDRESS: Hearst Bldg. PHONE: Douglas 2536. STUDIO ADDRESS: Same. TRANS-MITTER LOCATION: Candlestick Point, Bay View Park. TIME ON THE AIR: (daily) 6:30 A.M. to midnight. (Sunday) 8:00 A.M. to midnight. NEWSPAPER AFFILIATIONS: San Francisco Examiner, San Francisco Chronicle, S. F. Call-Bulletin, S. F. Daily News. NEWS SERVICE: International News Service. TRANSCRIPTION SERVICE: Associated Service.

Personnel

President	J. V. Connolly
Station Manager	Reiland Quinn
Chief Announcer	David S. Vaile
Commercial Manager	Reiland Quinn
Publicity DirectorJ.	Clarence Meyers
Musical Director	Walter Rudolph
Chief Engineer	Paul C. Schulz

POLICIES

Beer and wine accounts acceptable at any time. Hard liquor accounts only acceptable after 10 p.m.; must have a live talent show.

REPRESENTATIVE

International Radio Sales.

K Q W

SAN JOSE—EST. 1910 MUTUAL—DON LEE

FREQUENCY: 1010 Kc. POWER: 1000 Watts. OWNED BY: Pacific Agricultural Foundation. Ltd. OPERATED BY: Same. BUSINESS ADDRESS: 87 East San Antonio St. PHONE: Ballard 2616. STUDIO ADDRESS: 87 East San Antonio St. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 6:15 A.M. to 12:00 Midnight, PST. NEWSPAPER AFFILIATION: San Jose Mercury Herald. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: NBC Thesaurus, Standard Program Library.

Personnel

President	Ralph	R. Brunton
General Manager	C. L.	McCarthy
Sales Manager	H.	O. Fiebig

POLICIES

Beer and wines accepted subject to our approval of copy. No hard liquor.

Foreign language programs restricted to the period 6:30 to 7:00 A.M. daily except Sunday.

Theater trailers and display space in news-

рарег.

REPRESENTATIVE

Joseph Hershey McGillvra

KVEC

SAN LUIS OBISPO—EST. 1937
MUTUAL—DON LEE

FREQUENCY: 1200 Kc. POWER: 250 watts, d.; 100 watts, n. OWNED BY: Christina M. Jacobson, tr. as The Valley Electric Co. OPERATED BY: The Valley Electric Co. BUSINESS ADDRESS: Mt. View and Hill Sts. PHONE: San Luis Obispo 134. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Roosevelt Highway, California Polytechnic property. TIME ON THE AIR: 6:30 A.M. to 12:00 midnight: Sundays, 8:30 A.M. to 12:00 midnight. TRANSCRPTION SERVICE: Standard Radio, C. P. MacGregor.

Personnel

ManagerLes Hacker
Commercial ManagerJohn C. Clifton
Sales ManagerJack Wasson
Program DirectorLee Hoagland
Chief AnnouncerAram Rejebian

POLICIES

Advertising of beer and wine acceptable.

REPRESENTATIVES

John Blair & Co.

KVOE

"THE VOICE OF THE ORANGE EMPIRE"

SANTA ANA-EST. 1926

DON LEE-MUTUAL

FREQUENCY: 1500 Kc. POWER: 100 Watts. OWNED BY: The Voice of the Orange Empire, Inc., Ltd. OPERATED BY: Same. BUSINESS ADDRESS: Walter L. Moore Bldg., Room 100. PHONE: 4901-R. STUDIO ADDRESS: 2825 W. 5th St. TRANSMITTER LOCATION: Same. TIME ON THE AIR: (Daily) 7:00 A.M. to 12:00 midnight; (Sunday) 8:00 A.M. to 12:00 midnight. TRANSCRIPTION SERVICE: C. P. MacGregor, World Transcription System.

Personnel

President and General Manager.

	Ernest	L.	Spencer
Program Director	Wallace	S.	Wiggins
Musical Director	. Wallace	S.	Wiggins
Chief Engineer	Wallaco	C	Winging

POLICIES

No liquor advertising accepted.

Merchandising: Publicity of program in local newspaper: also program listing in radio logs of daily papers. Direct mail sent out at cost. Surveys made at actual cost. Distribution of window and counter cards is available without charge to advertisers.

REPRESENTATIVE

John Blair & Company

KDB

"THE VOICE OF SANTA BARBARA"

SANTA BARBARA—EST. 1929 MUTUAL—DON-LEE BROADCASTING

SYSTEM

FREQUENCY: 1500 Kc. POWER: 250 Watts, d.; 100 Watts, n. OWNED BY: Santa Barbara Broadcasters, Ltd. OPERATED BY: Don Lee Broadcasting System. BUSINESS ADDRESS: 15 E. Haley. PHONE: 21427. STUDIO ADDRESS: 15 E. Haley. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 7:00 A.M. to 12:00 midnight. TRANSCRIPTION SERVICE: World Broadcasting System.

Personnel

PresidentT	homas S. Lee
Station Manager	Earl Pollock
Chief Announcer	Cony La Franc
Sales Manager	Bill A. Skaggs
Chief Engineer	Robert Arne

POLICIES

No liquor advertising on Sunday. Spanish program Sunday, 8 to 8:45 A.M.

Complete merchandising service, market analysis, customer contact is available for advertisers. A weekly publication, "Program Highlights," in which programs and sponsors are exploited, is distributed by local merchants. Station offers complete cooperation with all requests.

REPRESENTATIVE

John Blair & Co.

KTMS

"THE NEWS-PRESS STATION"

SANTA BARBARA—EST. 1937 NATIONAL BROADCASTING CO. (BLUE) CALIFORNIA RADIO SYSTEM

FREQUENCY: 1220 Kc. POWER: 500 Watts.

OWNED BY: News-Press Pub. Co. OP.

ERATED BY: Same. BUSINESS ADDRESS:

De La Guerra Plaza. PHONE: 6111. STUDIO

ADDRESS: Same. TRANSMITTER LOCATION:

Goleta. TIME ON THE AIR: (daily) 7:00 A.M.

to midnight. (Sunday) 8:00 A.M. to midnight.

NEWSPAPER AFFILIATION: Santa Barbara

News-Press. NEWS SERVICE: Associated

Press (non - Commercial). TRANSCRIPTION

SERVICE: Standard Radio.

Personnel

President T. M. Storke
Chief Engineer C. C. Van Cott

POLICIES

Does not accept liquor accounts, excepting beer and wine. Copy for medical advertising must be submitted for approval along with contract.

Merchandising services—information of specific features given out on request.

REPRESENTATIVES

Weed & Company Walter Biddick Co.

K S R O

SANTA ROSA—EST. 1937

FREQUENCY: 1310 Kc. POWER: 250 watts, d.; 100 watts, n. OWNED BY: The Press Democrat Publishing Co. OPERATED BY: The Press Democrat Publishing Co. BUSINESS ADDRESS: 427 Mendocino Ave. PHONE: Santa Rosa 110. STUDIO ADDRESS: 427 Mendocino Ave. TRANSMITTER LOCATION: Santa Rosa. TIME ON THE AIR: Daytime. NEWSPAPER AFFILIATION: Santa Rose Press-Democrat. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: NBC Thesaurus, World Broadcasting System.

Personnel

President E. L. Finley
Manager Wilt Gunzendorfer
Commercial Manager L. A. Thatcher
Chief Engineer Bob Nichols

POLICIES

Advertising of alcoholic beverages not accepted, excepting beer and wine. All programs and copy subject to the rules and regulations of the Federal Communications Commission and station management. Medical programs not accepted.

Station facilities include merchandising service, the services of an advertising counselor, program director, and production department as well as the use of audition studios.

KGDM

STOCKTON-EST, 1926

MUTUAL—DON LEE BROADCASTING SYSTEM

FREQUENCY: 1100 Kc. POWER: 1000 Watts. OWNED BY: E. F. Peffer. OPERATED BY: E. F. Peffer. STUDIO ADDRESS: 42 S. California St. TRANSMITTER LOCATION: South of Stockton. TIME ON THE AIR: 6:00 A.M. to local sunset. NEWS SERVICE: International News Service. TRANSCRIPTION SERVICE: C. P. MacGregor.

Personnel

Manager ... A. H. Green
Program Director ... Lillian Best

POLICIES

Advertising of alcoholic beverages, excepting beer and wine, is not accepted. Medical advertising accepted subject to station approval.

Merchandising: Station publicizes programs via theatre displays and newspapers.

REPRESENTATIVES

Small & Brewer (Coast)
John Blair & Co.

K W G

"VOICE OF SAN JOAQUIN VALLEY"

STOCKTON—EST. 1921

NBC (RED AND BLUE) & CALIFORNIA RADIO SYSTEM

FREQUENCY: 1200 Kc. POWER: 100 Watts. OWNED BY: McClatchy Broadcasting Co. OPERATED BY: Same. BUSINESS ADDRESS: Hotel Wolf. PHONE: 580 J. 580 M. STUDIO ADDRESS: Hotel Wolf. TRANSMITTER LOCATION: Weber & E. Sts. TIME ON THE AIR: 7:00 A.M. to Midnight. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: Standard Radio.

Personnel

PresidentGuy C. Hami	lfon
Station ManagerGeorge R	loss
Sales Manager	loss
Chief AnnouncerDean Ba	ınta
Chief EngineerRussell Ben	nett

POLICIES

Wine and beer advertising accepted but no hard liquor. Laxative accounts not accepted. Patent medicine accounts subject to approval of management.

Merchandising: Will send letters to trade, make personal calls on trade and post streamers etc. without charge.

REPRESENTATIVE

Paul H. Raymer Company

KTKC

"VOICE OF TULARE & KINGS COUNTIES"
VISALIA—EST. 1937

FREQUENCY: 1190 Kc. POWER: 250 Watts. OWNED BY: Tulare-Kings Counties Radio Assoc. OPERATED BY: Same. BUSINESS ADDRESS: Visalia, P. O. Box 511. PHONE: 574-5. STUDIO ADDRESS: Visalia. TRANSMITTER LOCATION: 1½ miles south of Visalia. TIME ON THE AIR: 6:00 A.M. to local sunset: 7:30 A.M. to local sunset. NEWS SERVICE: United Press. NEWSPAPER AFFILIATIONS:

Time-Delta-Visalia Recorder, Porterville, Tlmes & Advance Register, Tulare; Sentinel & Journal, Hanford. TRANSCRIPTION SERVICE: C. P. MacGregor, Standard Radio, NAB Library.

Personnel

President	.Chas. A. Whitmore
Advertising Manager	Milland Kibbe
Chief Announcer	Sheldon Anderson
Station Manager	Chas. P. Scott
Sales Manager	Chas. P. Scott
Publicity Director	Chas. P. Scott
Musical Director	Chas. P. Scott
Chief Engineer	Bert Williamson

POLICIES

No liquor accounts excepting beer and wine.

REPRESENTATIVE

Cox & Tanz.

Walter Biddick Co. (Pacific Coast).

KHUB

"THE HOME STATION OF THE MONTEREY"

WATSONVILLE—EST. 1937

FREQUENCY: 1310 Kc. POWER: 250 Watts. OWNED BY: John P. Scripps. OPERATED BY: Same. BUSINESS ADDRESS: Watsonville. PHONE: 1700-1. STUDIO ADDRESSS: Watsonville. TIME ON THE AIR: 6:00 A.M. to local sunset (daily): 7:00 A.M. to local sunset (Sunday). NEWSPAPER AFFILIATION: Associated Press. TRANSCRIPTION SERVICE: Standard Radio. MAINTAINS ARTISTS' BUREAU.

Personnel

ManagerJohn H. Bennett
Production ManagerCharles Kinsley
Program DirectorEmery Milburn
Chief AnnouncerJack Wagner
Publicity DirectorCharles Kinsley
Musical Director
Women's Director
Chief Engineer

POLICIES

All foreign language programs must submit continuities and translations 36 hours before program time. Wines and beers may be mentioned—not hard liquors.

Merchandising: A daily column for program promotion in the Watsonville Register-Pajaronian. Commercial features with universal appeal receive full publicity in this town's only daily newspaper, and promotional spots on the air.

REPRESENTATIVE

Walter Biddick Co.

COLORADO

Population 1.071.000

Number of Families 288,000

Number of Radio Homes 233,500

Retail Sales \$302,559,000

Auto Registrations 307,220

KGIW

"THE VOICE OF THE GREAT SAN LUIS VALLEY"

ALAMOSA-EST. 1929

SOUTHWEST BROADCASTING CO.

FREQUENCY: 1420 Kc. POWER: 100 Watts. OWNED BY: Leonard E. Wilson. OPERATED BY: Leonard E. Wilson. BUSINESS ADDRESS: Alamosa, Colo. PHONE: Alamosa 26. STUDIO ADDRESS: Alamosa and Monte Vista. TRANSMITTER LOCATION: East Alamosa, Colo. TIME ON THE AIR: 7:30 A.M. to 9:30 P.M. (Shares time with KDIW). NEWS SERVICE: Radio News Association. TRANSCRIPTION SERVICE: C. P. MacGregor, Standard Radio.

Personnel

Owner Leonard E. Wilson

EXCLUSIVE

DENVER SPONSORSHIP OF MUTUAL NETWORK CO-OPERATIVE PROGRAMS AVAILABLE ON



Exclusive sponsor identification with the prestige and major audience, of live coast-to-coast network programs like:

THE SHADOW
THE LONE RANGER
FULTON LEWIS, JR.
THE GREEN HORNET
FAMOUS JURY TRIALS
THE JOHNSON FAMILY
SHOW OF THE WEEK

Complete information, availabilities and low pro-rata talent costs on request ta:

GENE O'FALLON-KFEL Manager

OR ASK A JOHN BLAIR MAN

Commercial ManagerEdgar L. Allen	
Program DirectorSherrill Ellsworth	
News EditorJohn R. Thomas	
Chief Engineer	

POLICIES

Advertising of alcoholic beverages accepted. All copy must be contracted for and in the hands of the program director five days prior to scheduling due to advance reservation of time.

REPRESENTATIVE

L. E. Wilson, La Junta, Colo.

K V O R

"VOICE OF THE ROCKIES"

COLORADO SPRINGS—EST. 1922

FREQUENCY: 1270 Kc. POWER: 1000 Watts. OWNED BY: Outwest Broadcasting Co. OPERATED BY: Same. BUSINESS ADDRESS: Antlers Hotel. PHONE: Main 278. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Platte Ave. East of city limits. TIME ON THE AIR: 6:45 A.M. to midnight. NEWSPAPER AFFILIATIONS: Colorado Springs Gazette & Telegraph. NEWS SERVICE: Associated Press. TRANSCRIPTION SERVICES: NBC Thesaurus, Standard Radio, & Lang-Worth Features. MAINTAINS ARTISTS BUREAU.

Personnel

President E. K. Gaylord
Station Manager
Artists Bureau HeadZell Wade
Chief Announcer
Program and Publicity DirectorZell Wade
Musical Director
Chief EngineerCozine Strang

POLICIES

No hard liquor accounts accepted.

Merchandising: Special merchandising department under full time merchandising man.

Dealer contacts, counter and window displays, letters to dealers, product surveys, etc.

REPRESENTATIVE

The Katz Agency

KFEL

"THE NEW CRY OF THE OLD WEST"

DENVER—EST. 1923
MUTUAL—NBC (Blue)
COLORADO NETWORK

FREQUENCY: 920 Kc. POWER: 500 Watts. OWNED BY: Eugene P. O'Fallon, Inc. OPERATED BY: Eugene P. O'Fallon, Inc. BUSINESS ADDRESS: Albany Hotel. PHONE: Keystone 0178. STUDIO ADDRESS: Albany Hotel. TRANSMITTER LOCATION: 5580 West 20th Ave. TIME ON THE AIR: 5:30 A.M. to 8:30 A.M., 10:30 A.M. to 12:30 P.M., 3:00 P.M. to 4:30 P.M., and 6:00 P.M. to 7:30 P.M.; Sunday, 10:30 A.M. to 7:30 P.M.; additional on Tue., Thurs. and Sat.: 9:00 P.M. to 12:30 A.M. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICES: NAB Library, World Broadcasting System, Lang-Worth, Standard Radio.

Personnel

President-Station ManagerGene O'Fallon
DirectorFrank Bishop
Local Sales Manager
Program DirectorBill Wales
News EditorWally Reef
Publicity and Promotion DirectorDon McCaig
Chief Announcer
Chief Engineer

POLICIES

Hard liquor after 9 P.M. only.

Foreign language announcements must be repeated in English.

Mailing lists available for retailers, wholesalers and jobbers.

REPRESENTATIVE

John Blair & Company

кiz

"PIONEER BROADCASTING STATION OF THE WEST"

DENVER-EST. 1920

COLUMBIA BROADCASTING SYSTEM FREQUENCY: 560 Kc. POWER: 5000 Watts, d.; 1000 Watts, n. OWNED BY: KLZ Broadcasting Co. OPERATED BY: KLZ Broadcasting Co. BUSINESS ADDRESS: Shirley Savoy Hotel. PHONE: Main 4271. STUDIO ADDRESS: Shirley Savoy Hotel. TRANSMITTER LOCATION: Englewood. TIME ON THE AIR: 6:00 A.M. to 12:00 midnight (daily); 7:00 A.M. to 12:00 midnight (Sunday). NEWS SERVICE: International News Service. TRANSCRIPTION SERVICE: Associated Program Service, Standard Radio.

Personnel

PresidentE. K. Gaylord
Station ManagerF. W. Meyer
Sales ManagerFred L. Allen
Program DirectorArthur Wuth
Production Manager. Howard R. Chamberlain
Promotion DirectorCharles Inglis
Musical DirectorLes Weelans
Chief Engineer

POLICIES

Does not accept liquor advertising or foreign language accounts. Careful supervision is given to all copy, in particular to those pertaining to medical accounts.

KLZ publishes a bi-weekly program schedule tor gratis distribution: operates a merchandising department: exhibits screen trailers in eleven Denver Fox theatres; offers display space in the studio lobby and the lobby of the adjoining Sherley-Savoy Hotel's Lincoln Room.

REPRESENTATIVE

The Katz Agency

KOA

DENVER—EST. 1924
NATIONAL BROADCASTING CO.
(BASIC RED)

FREQUENCY: 830 Kc. POWER: 50,000 Watts. OWNED BY: General Electric Co. OPERATED BY: National Broadcasting Co. BUSINESS ADDRESS: 1625 California St. PHONE: Main 6211. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Aurora, Colo. TIME ON THE AIR: 6:30 A.M. to midnight. NEWS SERVICE: Denver Post. TRANSCRIPTION SERVICES: NBC Thesaurus. MAINTAINS ARTISTS BUREAU.

Personnel

President
Artists Bureau HeadDuncan McColl
Chief Announcer
Station Manager
Sales Manager
Publicity Director Jas. MacPherson
Musical DirectorCarl Wieninger
Chief Engineer

POLICIES

Policies same as those of National Broadcasting Company.

Merchandising: Every consistent and sensible effort possible is made to help advertising clients extract greatest possible value from programs. Lobby display windows are made available. Letters are written to dealers and jobbers where client furnishes list and postage: studios are made available for sales meetings and limited number of personal calls are made on distributors for advertising clients without charge.

REPRESENTATIVE

National Broadcasting Co., Inc.

KPOF

DENVER-EST. 1928

FREQUENCY: 880 Kc. POWER: 1000 Watts. OWNED BY: Pillar of Fire (A Corporation). OPERATED BY: Pillar of Fire (A Corporation) BUSINESS ADDRESS: 1845 Champa St. STU- DIO ADDRESS: 1845 Champa St. TRANSMITTER LOCATION: Denver. TIME ON THE AIR: Shares Time with KFKA.

POLICIES

Station does not sell time.

KVOD

"THE VOICE OF DENVER"

DENVER-EST, 1925

NATIONAL BROADCASTING CO.

FREQUENCY: 920 Kc. POWER: 500 watts. OWNED BY: Colorado Radio Corp. OPERATED BY: Same. BUSINESS ADDRESS: 202 Continental Oil Bldg. PHONE: Tabor 2291. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: So. Federal & Alameda outside of Denver. TIME ON THE AIR: 8:30 A.M. to midnight. NEWS SERVICE: United Press. TRANSCRIPTION SERVICES: Standard Radio & Associated Library.

Personnel

President and General ManagerW. D. Pyle
Secretary-Treasurer
Commercial ManagerM, F. Schroeder
Chief Announcer J. E. Finch
Station ManagerT. C. Ekrem
Publicity DirectorB. H. Stanton
Musical Director
Chief Operator

RESULTS

KVOD

DENVER

SELLS Denver

AND VICINITY

ONE OF THE MOST
CONCENTRATED
MARKETS
IN THE UNITED STATES

Lowest Cost Per Listener

NBC

EDWARD PETRY, Nat. Rep.

POLICIES

Advertising of alcoholic beverages accepted after 9:00 P.M. only.

REPRESENTATIVE

Edward Petry & Co.

KIUP

"THE VOICE OF THE SAN JUAN BASIN"

DURANGO—EST. 1935

FREQUENCY: 1370 Kc. POWER: 100 Watts. OWNED BY: San Juan Broadcasting Co., Inc. OPERATED BY: San Juan Broadcasting Co., Inc. BUSINESS ADDRESS: 2800 Main Ave. PHONE: 117. STUDIO ADDRESS: 2800 Main Ave. TRANSMITTER LOCATION: 2800 Main Ave. TIME ON THE AIR: 7:30 A.M. to 9:00 P.M. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: Standard Radio.

Personnel

President	Ī.	L.	Cummins
Commercial Manager	R.	M.	Beckner
Station ManagerRaymon	d	M.	Beckner
Sales ManagerRaymor	ıd	M,	Beckner
Chief Engineer	G.	L.	Schmehl

POLICIES

Liquor and foreign language accounts are not accepted.

KFXJ

"THE VOICE OF WESTERN COLORADO"

GRAND JUNCTION—EST. 1926

MUTUAL BROADCASTING SYSTEM COLORADO NETWORK

FREQUENCY: 1200 Kc. POWER: 250 Watts. d.; 100 Watts. n. OWNED BY: R. G. Howell and Chas. Howell doing business as Western Slope Broadcasting Co. OPERATED BY: Western Slope Broadcasting Co. BUSINESS ADDRESS: La Court Hotel. PHONE: Grand Junction 126. STUDIO ADDRESS: La Court Hotel and Hilcrest Manor. TRANSMITTER LOCATION: Hillcrest Manor. TIME ON THE AIR: 7:00 A.M. to 12:00 midnight: Sunday, 11:00 A.M. to 12:00 midnight. NEWS SERVICE: Transradio Press, Radio News Association. TRANSCRIPTION SERVICE: C. P. MacGregor, Standard Radio.

Personnel

General Manager Rex Howell
Treasurer Chas. Howell
Chief Engineer Fred Mendenhall

POLICIES

Policies forbid alcoholic liquor advertising, superlative statements or direct mention of competitive products or services.

Merchandising facilities include periodic surveys, dealer contacts, supervision of supplementary advertising, lobby displays, and general monitoring of campaign results.

KFKA

"NORTHERN COLORADO'S OWN STATION"

GREELEY—EST. 1922
MUTUAL BROADCASTING SYSTEM

MUTUAL BROADCASTING SYSTEM COLORADO RADIO NETWORK

FREQUENCY: 880 Kc. POWER: 1000 Watts, d.; 500 Watts, n. OWNED BY: Mid-Western Radio Corp. OPERATED BY: Mid-Western Radio Corp. BUSINESS ADDRESS: 620 Eighth Ave. PHONE: 450-1. STUDIO ADDRESS: 620 Eighth Ave. TRANSMITTER LOCATION: Hoover Park. TIME ON THE AIR: 5:30 A.M. to 12:30 A.M. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: C. P. MacGregor.

Personnel

POLICIES

No stated special policies.

REPRESENTATIVE

Bassler & Co.

KOKO

"COME KOKO"

LA JUNTA—EST. 1937

FREQUENCY: 1370 Kc. POWER: 100 Watts. OWNED BY: The Southwest Broadcasting Co. OPERATED BY: The Southwest Broadcasting Co. BUSINESS ADDRESS: Box 225. Phone: "42." STUDIO ADDRESS: La Junta. TRANSMITTER LOCATION: La Junta. TIME ON THE AIR: 6:00 A.M. to 9:30 P.M. NEWS SERVICES: Radio News Assn. TRANSCRIPTION SERVICE: NBC Thesaurus, Standard Radio.

Personnel

Station ManagerLeonard E. Wilson
Commercial Manager
Advertising ManagerL. E. Wilson
Chief AnnouncerJack Lund
Sales Manager
Publicity DirectorL. E. Wilson
Chief EngineerJack Lund

POLICIES

Merchandising: Contacts are made regularly with merchants throughout the territory to maintain cooperation between the wholesaler or manufacturing sponsor and retailers.

REPRESENTATIVE

Bassler & Co.

KIDW

"THERE'S NO USE TALKING UNLESS YOU'RE HEARD"

LAMAR—EST. 1932

SOUTHWEST BROADCASTING COMPANY FREQUENCY: 1420 Kc. POWER: 100 Watts. OWNED BY: Southwest Broadcasting Co. OPERATED BY: Leonard E. Wilson, BUSINESS ADDRESS: 129 W. Elm St. PHONE: 16. STU-DIO ADDRESS: 129 W. Elm St. TRANSMITTER LOCATION: Lamar. TIME ON THE AIR: 7:00 A.M. to 6:00 P.M. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: C. P. MacGregor.

Personnel

President and Advertising Manager,

	Leonard E. Wilson
General Manager	Sherrill Ellsworth
Musical Director	Jack Phillips
Chief Engineer	J. E. Phillips

POLICIES

Accepts liquor and foreign language accounts.

Merchandising: Newspaper pictures and stories, supplementary spot announcements, window display cards, personal dealer contacts and cooperation.

REPRESENTATIVE

Cox & Tanz, Inc.

KGHF

PUEBLO—EST. 1928

NATIONAL BROADCASTING CO.

(BLUE & RED)
FREQUENCY: 1320 Kc. POWER: 500 Watts.
OWNED BY: Curtis P. Ritchie. OPERATED
BY: Same. BUSINESS ADDRESS: 113 Broadway. PHONE: 3877. STUDIO ADDRESS:
Same. TRANSMITTER LOCATION: Same.
TIME ON THE AIR: 7:00 A.M. to 11:00 P.M.
NEWS SERVICE: Local paper tieup (A.P.).
TRANSCRIPTION SERVICE: World Broadcast-

Personnel

Owner	. Curtis	P. Ritchie
Station Manager	J.	H. McGill
Program Director	I	red Amos
Chief Engineer	. Georg	e Ikelman

POLICIES

No stated special policies.

ing System, C. P. MacGregor.

KGEK

STERLING—EST. 1926

FREQUENCY: 1200 Kc. POWER: 100 Watts. OWNED BY: Elmer G. Beehler. OPERATED BY: Elmer G. Beehler. BUSINESS ADDRESS: Fleming Road. PHONE: 679. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 11:30 A.M. to 1:30 P.M. daily, and Tuesdays and Fridays 7:15 P.M. to 8:45 P.M.; Sunday, 11:00 A.M. to 12:15 P.M. and 2:30 P.M. to 3:30 P.M. TRANSCRIPTION SERVICE: C. P. MacGregor.

POLICIES

Clean novelty type of electrical transcription program will be accepted on alcoholic beverage advertising.

BESSIE HERSELF IS NO TROUBLE.. But

HER FAN MAIL GETS US DOWN



"Bessie Bossie," Ben Hawthorne's stooge, is only the canned moo of a mythical Guernsey—just a scund effect. To hear her at all you've got to tune in WTIC's "Morning Watch" between 7 and 8 A.M. And still Bessie's fan mail is a problem.

She gets home-baked cakes and cookies by the dozen—more than WE could ever eat—and to answer her correspondence would keep us busy all week long, every week in the year.

Yet if Bessie's mail is a problem to us, it's mighty important to you or anyone else with goods to sell in Southern New England. It's a grade A indication that WTIC has and has had for years a thorough following the whole length of the Connecticut River Valley. When can we put our friendly audience and our 50,000 Watts to work for you?

IN SOUTHERN NEW ENGLAND WITC RATES

FIRST

- IN LISTENER POPULARITY BY 2 TO 1
 IN THE HARTFORD AREA
- IN NUMBER OF NETWORK ADVERTISERS
- IN NUMBER OF NATIONAL SPOT ADVERTISERS

WTIC

50,000 WATTS · HARTFORD, CONN.
The Station With the Friendly Audience

The Travelers Broodcasting Service Corporation Member NBC Red Network and Yankee Network Representatives: Weed & Company

New York Chicago Detroit San Francisco

CONNECTICUT

Population 1,741,000

Number of Families 437,000

Number of Radio Homes 402,100

Retail Sales \$556,722,000

Auto Registrations 380,274

BRIDGEPORT (New Haven)-EST. 1926

NBC (BLUE)-YANKEE-COLONIAL FREQUENCY: 600 Kc. POWER: 1000 watts, d.; 500 watts, n. OWNED BY: The Yankee Network, Inc. OPERATED BY: The Yankee Network, Inc. BUSINESS ADDRESS: Hotel Stratfield. PHONE: 6-1121. STUDIO ADDRESS: Hotel Stratfield, 1110 Chapel St., New Haven. TRANSMITTER LOCATION: Pleasure Beach. TIME ON THE AIR: 6:00 A.M. to 2:00 A.M. NEWS SERVICES: International News Service. Universal Service, Yankee Network News Service. TRANSCRIPTION SERVICES: Associated Library, Yankee Network Transcription Service. AFFILIATED with Yankee Network Artists Bureau.

Personnel

# C. 00	
President	John Shepard 3rd
Vice-President in Charg	e of
Station Operations	R. L. Harlow
Commercial Manager	Richard Voynow
Advertising Manager	Carleton McVarish
Artists Bureau Head	Van Sheldon
Station Manager	Joseph Lopez
Sales Manager	Fred Rowe
Publicity Director and	

Program Director.....Judson La Haye

POLICIES

Policies same as Yankee Network.

Constant personal contact is maintained with the wholesale jobber and retail trade by members of the staff, as merchandising aids.

REPRESENTATIVE

Edward Petry & Co., Inc.

"THE ADVERTISING TEST STATION IN THE ADVERTISING TEST CITY

HARTFORD—EST. 1922

COLUMBIA BROADCASTING SYSTEM FREQUENCY: 1330 Kc. POWER: 5000 Watts, d.; 1000 Watts, n. OWNED BY: WDRC, Inc. OPERATED BY: WDRC, Inc. BUSINESS AD-DRESS: 750 Main St. PHONE: 7-1188-9. STU-DIO ADDRESS: 750 Main St. TRANSMITTER LOCATION: Blue Hills Ave., Bloomfield. TIME

ON THE AIR: 7:00 A.M. to 1:00 A.M. (daily); 9:00 A.M. to 1:00 A.M. (Sunday), NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: NBC Thesaurus.

Persannel

2 61 30111161
President and Station
ManagerFranklin M. Doolittle
Commercial Manager
Advertising Manager
Studio ManagerWalter Haase
Sales Manager
Publicity Director
Musical DirectorSterling V. Couch
Chief EngineerItalo Martino

POLICIES

No liquor advertising-beer accepted. No foreign language accounts.

Complete merchandising service at cost.

REPRESENTATIVE

Paul H. Raymer Co.

"THE VOICE OF HARTFORD"

HARTFORD—EST. 1936 MUTUAL-COLONIAL

FREQUENCY: 1200 Kc. POWER: 100 Watts. OWNED BY: The Hartford Times. OPERATED BY: Same, BUSINESS ADDRESS: 983 Main St. PHONE: 7-6481. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 7:00 A.M. to midnight; Sunday, 8:00 A.M. to midnight. NEWSPAPER AFFILIATION: The Hartford Times. NEWS SERVICES: Associated Press and Yankee Network News. TRANSCRIPTION SERVICES: Associated Music Publishers, Standard Radio.

Personnel

Station Manager	Cedric	W. Foster
Commercial Manager	C. Glove	r Delaney
Program DirectorI	aureat A.	Martineau
Chief Engineer	Richard K.	Blackburn

POLICIES

Takes no liquor advertising of any kind or nature whatsoever. Foreign language programs are accepted but station reserves at all times the right of complete supervision of accounts.

Merchandising: Able to accord commercial program news space in The Hartford Times but not too heavy a story. The Times will not publicize its own programs to the exclusion of the other stations in Hartford and feels that too much publicity is taking an unfair advantage.

REPRESENTATIVE

J. P. McKinney & Son

WTIC

HARTFORD

NBC (RED)—YANKEE NETWORK FREQUENCY: 1040 Kc. POWER: 50000 Watts. OWNED BY: Travelers Indemnity Co. OPERATED BY: Travelers Broadcasting Service Corp. BUSINESS ADDRESS: 26 Grove St. PHONE: Hartford 2-3181. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Avon. TIME ON THE AIR: (Daily) 6:00 A.M. to 1:00 A.M.; (Sunday) 8:45 A.M. to 1:00 A.M. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: World Broadcasting System.

Personnel

Station ManagerP. W. Morency
Sales Manager J. F. Clancy
Chief AnnouncerFred Wade
Publicity DirectorG. Malcolm-Smith
Musical DirectorMoshe Paranov
Chief Engineer

POLICIES

Beer and light wine advertising accepted.

WBRY

1000 WATTS-FULL TIME

Member of

The Columbia Broadcasting System

Offices & Studios

152 Temple St., New Haven 136 Grand St. Waterbury Hard liquor advertising is not acceptable to the station.

Merchandising in connection with commercial programs is done at the client's expense. All new programs are publicized in our

general program resume.

REPRESENTATIVE

Weed & Company

(See page 212)

WNBC

"CENTRAL CONNECTICUT STATION"

NEW BRITAIN—EST. 1935

NBC-BLUE

FREQUENCY: 1380 Kc. POWER: 1000 Watts, d.: 250 Watts, n. OWNED BY: State Broadcasting Corp. OPERATED BY: State Broadcasting Corp. BUSINESS ADDRESS: 147 Main St. PHONE: 240-1. STUDIO ADDRESS: 147 Main St. and 54 Pratt St., Hartford. TRANSMITTER LOCATION: Newington. TIME ON THE AIR: 7:00 A.M. to 12:00 midnight: Sunday, 8:00 A.M. to 12:00 midnight. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: Standard Library.

Personnel

PresidentPatrick J. Goode
Vice-President
Treasurer
General ManagerR. W. Davis
Chief Announcer
Commercial Manager Laurence C. Edwardson

POLICIES

All contracts subject to station approval and governmental regulations. The station reserves the right to refuse or discontinue any advertising for reasons satisfactory to the management. All talks, programs, political speeches, contests, continuities, etc., must be submitted in advance for review by the program director.

WELI

"NEW HAVEN'S OWN STATION"

NEW HAVEN—EST. 1935

FREQUENCY: 930 Kc. POWER: 500 Watts, d.; 250 Watts, n. OWNED BY: Patrick J. Goode. OPERATED BY: City Broadcasting Corp. BUSINESS ADDRESS: 221 Orange St. PHONE: 8-1133. STUDIO ADDRESS: 221 Orange St. TRANSMITTER LOCATION: West Haven. TIME ON THE AIR: Sunrise to local sunset. NEWS SERVICE: Transradio Press. MAINTAINS ARTISTS' BUREAU. TRANSCRIPTION SERVICE: World Broadcasting System.

Personnel

President	. Patrick J. Goode
Manager	James T. Milne
Artists' Bureau Head	.Marion Reynolds
Chief Announcer	Charles Wright
Publicity Director	Sidney Golluboff
Musical Director	. Marion Reynolds
Chief EngineerJ.	Gordon Keyworth

POLICIES

Accepts beer and wine advertising and programs in Italian and Polish as these are the two dominant foreign nationalities in locality. All script material must be submitted two weeks in advance of program and must comply with all legislative demands such as FCC rulings... particularly in food and drug copy. Musical programs must be submitted one week in advance in order to allow for clearing of restricted numbers.

Merchandising: Handles all requests for samples by sending people to their neighborhood stores where product has distribution; also handle contest awards.

On occasion contacts dealer outlets, retail outlets and obtains distribution for products.

REPRESENTATIVE

Gene Furgason & Co.

WNLC

"THE FRIENDLY VOICE OF THE THAMES"

NEW LONDON—EST. 1936 YANKEE-COLONIAL-MUTUAL

FREQUENCY—1500 Kc. POWER: 100 Watts. OWNED BY: Thames Broadcasting Corp. OPERATED BY: Thames Broadcasting Corp. BUSINESS ADDRESS: Mohican Hotel. PHONE: New London 3353-4. STUDIO ADDRESS: Mohican Hotel. TRANSMITTER LOCATION: Winthrop Point. TIME ON THE AIR: 7:30 A.M. to local sunset. NEWS SERVICE: Yankee Network News Service. MAINTAINS ARTISTS' BUREAU. TRANSCRIPTION SERVICE: NBC Thesaurus.

Personnel

President	
Station Manager	
Commercial Manager	Edwin J. Morey
Advertising Manager	Robert Howell
Artists' Bureau Head	Len Stevens
Chief Announcer	Paul R. Swimelar
Publicity Director	Edwin J. Morey
Musical Director	Richard Benvenuti
Chief Engineer	Neil Spencer

POLICIES

No special liquor or foreign language restrictions.

WATR

"VOICE OF WATERBURY"

WATERBURY—EST. 1934 INTERCITY

CONNECTICUT BROADCASTING SYSTEM FREQUENCY: 1190 Kc. POWER: 100 Watts (C.P. 250 Watts on 1290 Kc.). OWNED BY: WATR Co., Inc. OPERATED BY: WATR Co., Inc. BUSINESS ADDRESS: 71 Grand St. PHONE: 3-5161. STUDIO ADDRESS: 71 Grand

St. TRANSMITTER LOCATION: 71 Grand St. TIME ON THE AIR: 7:00 A.M. to local sunset at San Antonio, Texas. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: Standard Radio. MAINTAINS ARTISTS' BUREAU.

Personnel

President
Commercial ManagerSam Elman
Advertising ManagerSam Elman
Chief AnnouncerJames Parker
Station Manager
Sales ManagerSam Elman
Publicity DirectorChas. Cutler
Musical DirectorRomeo Delfino
Chief EngineerNorman Blake

POLICIES

Station conforms to standards set forth by the N.A.B. There is no restrictions on liquor, beer or wine advertising.

Station maintains a merchandising service at no extra charge.

REPRESENTATIVE

Gene Furgason & Co.

WBRY

"THE PIONEER HIGH FIDELITY BROADCASTING STATION"

WATERBURY-NEW HAVEN EST. 1934

CBS

FREQUENCY: 1530 Kc. POWER: 1000 Watts. OWNED BY: American-Republican, Inc. OPERATED BY: Same. BUSINESS ADDRESS: 136 Grand St., Waterbury—152 Temple St., New Haven. PHONE: Waterbury 3-1125—New Haven 7-1243. TIME ON THE AIR: 8:30 A.M. to 12:00 midnight. NEWSPAPER AFFILIATION: Waterbury Republican and Waterbury American. NEWS SERVICE: Transradio Press. MAINTAINS ARTISTS BUREAU. TRANSCRIPTION SERVICE: NBC Thesaurus.

Personnel

PresidentW. J. Pape
Station ManagerE. J. Frey
Program DirectorJack Henry
Manager-New Haven Office D. E. Halpern
Publicity DirectorE. Christy Erk
Chief Engineer

POLICIES

No special restrictions as to liquor or foreign language programs.

Merchandising: The merchandising department of the Waterbury Republican and American is occasionally used for regular merchandising service requested by national advertisers.

REPRESENTATIVE

Joseph Hershey McGillvra

DELAWARE-

Population 261,000

Number of Families 67,000

Retail Sales \$76,877,000

Number of Radio Homes 57,600

Auto Registrations 53,000

WDEL

WILMINGTON—EST. 1922

NBC (RED)-INTER-CITY-MASON DIXON

FREQUENCY: 1120 Kc. POWER: 500 watts, d.; 250 watts, n. OWNED BY: WDEL, Inc. OPERATED BY: Same. BUSINESS ADDRESS: 10th and King Sts. PHONE: 7268. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Governor Printz Boulevard. TIME ON THE AIR: 7:30 A.M. to midnight. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: Lang-Worth.

Personnel

President
Station ManagerJ. Gorman Walsh
Commercial ManagerJ. Gorman Walsh
Program ManagerEdw. Browning
Publicity DirectorLonny Starr
Chief Engineer J. E. Mathiot

POLICIES

Station reserves the right to censor copy.

REPRESENTATIVE

Paul H. Raymer Co.

WILM

WILMINGTON—EST. 1922 MASON DIXON GROUP

FREQUENCY: 1420 Kc. POWER: 100 watts. OWNED BY: Delaware Broadcasting Co., Inc. OPERATED BY: Same. BUSINESS ADDRESS: 920 King St. PHONE: 7268. STUDIO ADDRESS: Same. TRANSMITTER LOCATION. Carrcroft. TIME ON THE AIR: 7:00 A.M. to 9:00 P.M. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: Lang-Worth.

Personnel

President
Station ManagerJ. Gorman Walsh
Commercial ManagerJ. Gorman Walsh
Program ManagerSidney Horwitz
Publicity DirectorMary McCauley
Chief Engineer

POLICIES

Station reserves the right to censor copy.

DISTRICT OF COLUMBIA

Population 627,000

Number of Families 168,000

Retail Sales \$330,813,000

Number of Radio Homes 152,900

Auto Registrations 150,687

W J S V

"COLUMBIA'S STATION FOR THE NATION'S CAPITAL"

WASHINGTON, D. C.—EST. 1926

COLUMBIA BROADCASTING SYSTEM FREQUENCY: 1460 Kc, POWER: 10,000 Watts (C.P. for 50,000 Watts). OWNED BY: Columbia

Broadcasting System. OPERATED BY: Columbia Broadcasting System. BUSINESS ADDRESS: 817 Earle Bldg. PHONE: Metropolitan 3200. STUDIO ADDRESS: 817 Earle Bldg. TRANSMITTER LOCATION: Mt. Vernon Memorial Highway, Alexandria, Va. TIME ON THE AIR: (daily) 7:00 A.M. to 1:00 A.M. (Sunday) 8:00 A.M. to 1:00 A.M. NEWS SERVICE: United Press. TRAN-

SCRIPTION SERVICE: World Broadcasting System.

Personnel

General Manager	A. D. Willard, Jr.
Commercial ManagerW	Villiam D. Murdock
Sales Promotion Director	John Heiney
Program Director	F. A. Long
Publicity Director	Ann Gillis
Chief Engineer	

POLICIES

Station does not accept liquor advertising, has no foreign language accounts, and follows the general policies of the Columbia Broadcasting System.

REPRESENTATIVE

Radio Sales

WMAL

WASHINGTON, D. C.—EST. 1925
NATIONAL BROADCASTING CO.

(BASIC BLUE)

FREQUENCY: 630 Kc. POWER: 500 Watts, d.; 250 Watts, n. OWNED BY: Washington Evening Star. OPERATED BY: National Broadcasting Co. BUSINESS ADDRESS: TransLux Bldg. PHONE: Republic 4000. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: 712—11th St. TIME ON THE AIR: 6:30 A.M. to 2:00 A.M. NEWSPAPER AFFILIATION: Washington Evening Star owns complete stock of owning company. NEWS SERVICE: United Press. TRANSCRIPTION SERVICES: NBC Thesaurus, NAB Library.

Personnel

President	Norman Leese
General Manager	.K. H. Berkeley
Assistant ManagerC	arleton D. Smith
Assistant Manager	Fred Shawn
Sales Manager	John H. Dodge
Advertising Manager	John H. Dodge
Publicity Director	Phebe M. Gale
Chief Engineer	.A. E. Johnson

POLICIES

Does not accept hard liquor or wine advertisements, nor foreign language accounts. NBC policies apply otherwise.

REPRESENTATIVE

National Broadcasting Co., Inc.

WOL

"MUTUAL'S STATION FOR THE DISTRICT OF COLUMBIA"

WASHINGTON, D. C.—EST. 1927

MUTUAL BROADCASTING SYSTEM FREQUENCY: 1310 Kc. POWER: 1000 Watts, OWNED BY: American Broadcasting Co. OP- ERATED BY: American Broadcasting Co. BUSINESS ADDRESS: 1627 K St. N.W. PHONE: Metro 0012-3-4. STUDIO ADDRESS: 1627 K St. N.W. TRANSMITTER LOCATION: Chillum, Md. TIME ON THE AIR: 6:00 A.M. to 2:00 A.M.; Sunday, 7:00 A.M. to 2:00 A.M. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICES: Associated Music Publishers, Lang-Worth and NAB Library.

Personnel

President and Owner	Helen S. Mark
General Manager	W. B. Dolph
Sales Manager	Henry V. Seay
Program Director	Madeline Ensign
Publicity Director	. Madeline Ensign
Musical Director	Frank Blair
Chief Engineer	H. H. Lyon

POLICIES

Station does not accept liquor advertising on Sundays; on weekdays after 10:00 P.M. only. Maximum length of contract: one year. No periods sold in bulk for re-sale. All programs subject to approval of station management.

REPRESENTATIVE

William G. Rambeau Co.

WRC

WASHINGTON, D. C.—EST. 1923

NATIONAL BROADCASTING CO.
(BASIC RED)

FREQUENCY: 950 Kc. POWER: 5000 Watts, d.: 1000 Watts, n. OWNED BY: National Broadcasting Co. OPERATED BY: Same. BUSINESS ADDRESS: TransLux Bldg. PHONE: Republic 4000. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: R. D. No. 1, Hyattsville, Md. TIME ON THE AIR: 6:00 A.M. to 1:00 A.M. NEWS SERVICE: United Press. TRANSCRIPTION SERVICES: NBC Thesaurus & NAB Library.

Personnel

President Lenox R. Lohr
General Manager
Assistant ManagerCarleton D. Smith
Assistant ManagerFred Shawn
Sales ManagerJohn H. Dodge
Advertising ManagerJohn H. Dodge
Publicity DirectorPhebe M. Gale
Chief Engineer

POLICIES

Station does not accept hard liquor or wine advertisements, or foreign language accounts. NBC policies apply.

REPRESENTATIVE

National Broadcasting Co., Inc.

-FLORIDA-

Population 1,670,000

Number of Families 443,000

Retail Sales \$425,807,000

Number of Radio Homes 297,900

Auto Registrations 250,762

WMFJ

"THE TOPS IN PROGRAMS AT THE TOP OF YOUR DIAL"

DAYTONA BEACH-EST, 1935

FREQUENCY: 1420 Kc. POWER: 100 Watts. OWNED BY: W. Wright Esch. OPERATED BY: W. Wright Esch. BUSINESS ADDRESS: 126½ Magnolia Ave. PHONE: 91. STUDIO ADDRESS: 126½ Magnolia Ave. TRANSMITTER LOCATION: 126½ Magnolia Ave. TIME ON THE AIR: 8:00 A.M. to 11:00 P.M. (daily): 8:00 A.M. to 9:00 P.M. (Sunday). NEWS SERVICE: Radio News Assoc. TRANSCRIPTION SERVICE: Lang-Worth.

Personnel

Manager ... W. Wright Esch Commercial Manager ... Ed Sims

WJAX

JACKSONVILLE, FLORIDA

THE MUNICIPAL BROADCASTING STATION

900 Kc. 5000 Watts Day 1000 Watts Night

AFFILIATED NBC
Phone Jacksonville 5-5821

Representatives

John Blair & Co., New York, Chicago, Detroit and West Coast

H. E. Cummings, Southeast

POLICIES

No liquor accounts accepted.

WRUF

"THE VOICE OF FLORIDA"

GAINESVILLE—EST. 1928

FREQUENCY: 830 Kc. POWER: 5000 Watts. OWNED BY: State and University of Florida. OPERATED BY: Same. BUSINESS ADDRESS: University Campus. PHONE: 1000 Ext. 55. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 7:00 A.M. to sunset at Denver, Colo.: Sunday, 8:00 A.M. to sunset at Denver, Colo. NEWS SERVICE: Associated Press. TRANSCRIPTION SERVICE: World Broadcasting System, NAB Library.

Personnel

Statio	n Executive	land P	owell
Asst.	DirectorRussell	McCau	ıghan
Chief	Announcer	Dan	Riss
Chief	Engineer	Joseph	Weil

POLICIES

Advertising of alcoholic beverages not accepted. Political speeches not accepted. Station does not accept business on a "per inquiry" basis. All programs subject to approval by station management, rules, and regulations of Federal and State governments, and policies of the Board of Control of Institutions of Higher Learning of Florida.

WJAX

(SUMMER) "WJAX, JACKSONVILLE IN FLORIDA, THE LAND OF OCEAN BREEZES"

(WINTER) "WJAX, JACKSONVILLE IN FLORIDA, THE LAND OF SUNSHINE"

JACKSONVILLE—EST. 1925

NATIONAL BROADCASTING CO.

FREQUENCY: 900 Kc. POWER: 5000 Watts, d.; 1000 Watts, n. OWNED BY: City of Jacksonville. OPERATED BY: Same, BUSI-

NESS ADDRESS: No. 1 Broadcast Place. PHONE: 5-5821-2. STUDIO ADDRESS: Same. TRANS-MITTER LOCATION: Hyde Park Country Club. TIME ON THE AIR: (daily) 7:00 A.M. to 1:00 A.M.—(Sunday) 9:00 A.M. to midnight. TRANSCRIPTION SERVICE: NBC Thesaurus.

Personnel

Commissioner in Charge.....Thos. C. Imeson Station Manager and Chief

POLICIES

Advertising of alcoholic beverages not accepted, excepting beer and wine.

Merchandising: Merchandising manager assists in making merchandise displays, sending out mimeographed letters and other types of merchandising requested by sponsors, there being no charge other than material used, stationery, stamps, etc.

REPRESENTATIVE

John Blair & Co. Harry Cummings, Atlanta

W J H P *

JACKSONVILLE—EST. 1938

FREQUENCY: 1290 Kc. POWER: 250 Watts. OWNED BY: The Metropolis Co. OPERATED BY: Same. BUSINESS ADDRESS: Jacksonville. TIME ON THE AIR: Full Time License.

*Station was licensed to operate under a construction permit and no further information was available at time of going to press.

WMBR

JACKSONVILLE—EST. 1934 COLUMBIA BROADCASTING SYSTEM FLORIDA BROADCASTING SYSTEM

FREQUENCY: 1370 Kc. POWER: 250 Watts, d.: 100 Watts, n. OWNED BY: Fla. Broadcasting Co. OPERATED BY: Fla. Broadcasting Co. BUSINESS ADDRESS: Atlantic Bank Annex Bldg. PHONE: 5-4387-8. STUDIO ADDRESS: Atlantic National Bank Bldg. TRANSMITTER LOCATION: Foot of Vine St. TIME ON THE AIR: 7:00 A.M. to midnight. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: NAB Library.

Personnel

PresidentFrank King
Secretary-TreasurerGlenn Marshall
Chief Announcer
Musical DirectorClyde Gardner
Chief Engineer

POLICIES

No hard liquor advertising accepted. No lotteries or fortune telling acts permitted. Carries out a monthly distribution check on all food and drug items.

REPRESENTATIVE

Paul H. Raymer Co.

WLAK

"SERVING IMPERIAL POLK COUNTY"

LÄKELAND—EST. 1936

NATIONAL BROADCASTING CO.

FREQUENCY: 1300 Kc. POWER: 100 Watts. OWNED BY: Lake Region Broadcasting Co. OPERATED BY: Lake Region Broadcasting Co. BUSINESS ADDRESS: New Florida Hotel. PHONE: 2128. STUDIO ADDRESS: New Florida Hotel. TRANSMITTER LOCATION: Lakeland. TIME ON THE AIR: 7:30 to 11:00 P.M. NEWS SERVICE: Press Radio Bureau. TRANSCRIPTION SERVICE: World Broadcasting System.

Personnel

ManagerMardi	S. Liles
Program DirectorGordon	Fletcher
Sales Director	nry Goff
Chief EngineerPowell	Hunter

POLICIES

Advertising of alcoholic beverages not accepted excepting beer and wine. No business accepted upon "per inquiry" basis.

REPRESENTATIVE

John Blair & Co.

WIOD

"BEST ON THE DIAL"

MIAMI-EST, 1926

NBC-(Red and Blue)

FREQUENCY: 610 Kc. POWER: 1000 Watts. OWNED BY: Isle of Dreams Broadcasting Co. OPERATED BY: Isle of Dreams Broadcasting Co. BUSINESS ADDRESS: News Tower. PHONE: 3-6444. STUDIO ADDRESS: News Tower. TRANSMITTER LOCATION: N. W. 18th Ave. and 32nd St. TIME ON THE AIR: 7:00 A.M. to 12:00 midnight (daily): 8:00 A.M. to 12:00 midnight (Sunday). NEWSPAPER AFFILIATION: Miami Daily News. NEWS SERVICE: United Press, International News Service. TRANSCRIPTION SERVICE: NBC Thesaurus, Associated Library, World Transcription System. MAINTAINS ARTISTS' BUREAU.

Personnel

President
Vice-Pres. and Genl. MgrHal I. Leyshon
Station ManagerMartin S. Wales
Commercial ManagerS. A. Vetter
Chief AnnouncerSam Parker
Publicity DirectorBoarman Boyd
Musical DirectorEarl Barr Hanson
Chief EngineerMilton C. Scott Jr.

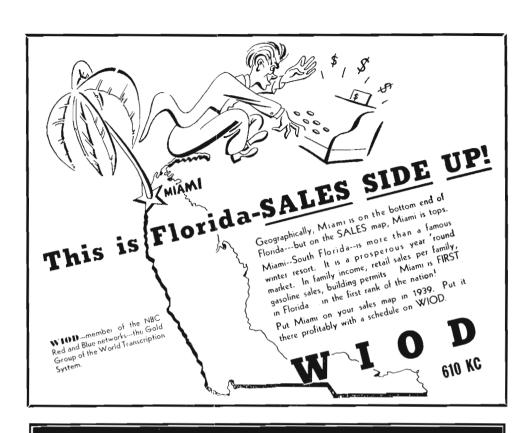
POLICIES

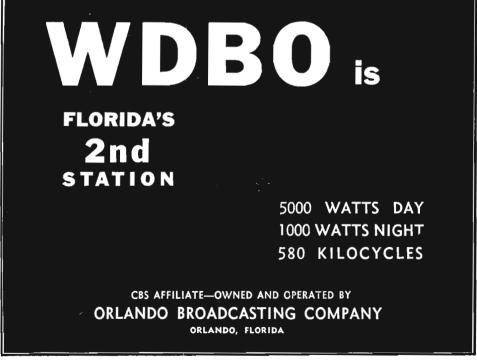
Advertising of alcoholic beverages, excepting beer and wine, not accepted. Foreign language programs accepted when accompanied by English translation.

REPRESENTATIVE

George P. Hollingbery Co.

Harry S. Cummings, Jacksonville and Atlanta





WQAM

"THE VOICE OF TROPICAL AMERICA"

MIAMI-EST. 1921

COLUMBIA BROADCASTING SYSTEM FLORIDA BROADCASTING SYSTEM

FREQUENCY: 560 Kc. POWER: 1000 watts. OWNED BY: Miami Broadcasting Co. OPERATED BY: Miami Broadcasting Co. BUSINESS ADDRESS: Postal Bldg., PHONE: 26121. STUDIO ADDRESS: Postal Bldg., TRANSMITTER LOCATION: Biscayne Bay at 14th St. TIME ON THE AIR: 6:30 A.M. to midnight. NEWS SERVICES: United Press, Transradio Press. TRANSCRIPTION SERVICE: World Broadcasting System.

Personnel

President and General
Manager Fred W. Borton
Advertising Manager Norman MacKay
Program Manager Hazel McGuire
Sales Manager Fred Mizer
Chief Engineer Ralph Nulsen

POLICIES

No liquor except light wines and beer. No advertising is accepted which is in violation of good taste. No fortune tellers, mystics, numerologists, astrologers, etc.

Merchandising: Dealer contacts, surveys, special stunts.

REPRESENTATIVE

John Blair & Co.

WKAT

MIAMI BEACH-EST, 1937

FREQUENCY: 1500 Kc. POWER: 100 Watts. OWNED BY: A. Frank Katzentine. OPERATED BY: Same. BUSINESS ADDRESS: 1759 N. Bay Rd. PHONE: 5-7471. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 7:00 A.M. to 12:00 midnight. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: Associated Music Library, Standard Radio. MAINTAINS ARTISTS' BUREAU.

Personnel

Owner and General
Manager......A. Frank Katzentine
Station Manager.....Helen Hackett
Commercial Manager....Betty Lee Taylor

POLICIES

Advertising of beer and wine accepted.

REPRESENTATIVE

Weed & Co.

WDBO

ORLANDO—EST. 1924

COLUMBIA BROADCASTING SYSTEM FREQUENCY: 580 Kc. POWER: 5000 Watts, d.; 1000 watts, n. OWNED BY: Orlando Broadcasting Co., Inc. OPERATED BY: Orlando Broadcasting Co., Inc. BUSINESS ADDRESS: Ft. Gatlin Hotel, 563 N. Orange Ave.

PHONE: 6181-5957. STUDIO ADDRESS: Ft. Gatlin Hotel, 563 N. Orange Ave.; Deland Extension Studio: Chamber of Commerce Bldg., Deland. TIME ON THE AIR: (daily) 7:00 a.m. to 12:05 a.m., (Sunday) 7:30 a.m. to 12:05 a.m. NEWS SERVICE: United Press. MAINTAINS ARTISTS BUREAU: TRANSCRIPTION SERVICE: World Library.

Personnel

President
local Advertising ManagerJ. M. Pedrick
Artists Bureau Head
Chief Announcer
Station Manager
Publicity DirectorLenoir Cushman
Program DirectorEmily Beckett
Musical Director
Chief Engineer

POLICIES

Wine and beer only; no liquor. Foreign language programs not accepted because of extremely limited number of foreign speaking families within service area.

Merchandising service of the station staff will be furnished without additional charge; actual cash expenditures are to be paid by advertiser.

REPRESENTATIVE

Paul H. Raymer Company

WCOA

"THE ONLY STATION FOR COMPLETE WEST FLORIDA COVERAGE"

PENSACOLA—EST. 1926

COLUMBIA BROADCASTING SYSTEM FREQUENCY: 1340 Kc. POWER: 1000 Watts. OWNED BY: Pensacola Broadcasting Co. OPERATED BY: Pensacola Broadcasting Co. BUSINESS ADDRESS: P. O. Box 1368. PHONE: Pen 4111. STUDIO ADDRESS: San Carlos Hotel. TRANSMITTER LOCATION: Pensacola Bay Bridge. TIME ON THE AIR: 6:30 A.M. to 11:00 P.M.; Saturday. 6:30 A.M. to midnight: Sunday 8:25 A.M. to 11:00 P.M. NEWSPAPER AFFILIATION: News-Journal Co. NEWS SERVICE: Press Radio Bureau. TRANSCRIPTION SERVICE: C. P. MacGregor.

Personnel

PresidentJohn H. Perry
General Manager
Commercial Manager
Chief EngineerBeecher Hayford
Chief Announcer
Musical Director

POLICIES

No liquor; advertising copy week in advance—foreign population negligible.

Merchandising: Letters to trade — special posters in stores, taxicab (rear tire covers), posters on all municipal vehicles. Trade surveys: also large window displays on main street offered to national accounts.

REPRESENTATIVE

John H. Perry Assoc.

WFOY

"THE BIRTHPLACE OF A NATION" ST. AUGUSTINE—EST. 1936

FREQUENCY: 1210 Kc. POWER: 250 Watts (daytime). OWNED BY: Fountain of Youth Properties, Inc. OPERATED BY: Fountain of Youth Properties, Inc. BUSINESS ADDRESS: Fountain of Youth Gardens. PHONE: 1400. STUDIO ADDRESS: Fountain of Youth Gardens. TRANSMITTER LOCATION: Fountain of Youth Gardens. TIME ON THE AIR: 7:30 A.M. to 10:30 P.M. EST. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: World Broadcasting System.

Personnel

President	. Walter	B. Fraser
Station Manager	R.	M. Tigert
Commercial Manager	.John H.	Cummins
Program Director	Ruth	Tanksley
Chief Engineer	Bradle	y Overton

POLICIES

Does not accept liquor advertising excepting beer and wine.

WSUN

"WHY STAY UP NORTH"

ST. PETERSBURG—EST. 1928
NATIONAL BROADCASTING CO.

FREQUENCY: 620 Kc. POWER: 5000 Wattsd., 1000 watts-n. OWNED BY: Chamber of Commerce. OPERATED BY: Chamber of Commerce. BUSINESS ADDRESS: Recreation Pier. PHONE: 4747-8. STUDIO ADDRESS: Recreation Pier. TRANSMITTER LOCATION: Bayview. TIME ON THE AIR: 7:00 a.m. to 12:00 midnight in connection with WFLA. NEWS SERVICE: International News Service. MAINTAINS ARTISTS' BUREAU. TRANSCRIPTION SERVICE: World Broadcasting System.

Personnel

Chairman of BoardGlenn V. Leland
General and National
Sales Manager
Chief EngineerLouis J. Link
Consulting EngineerJoseph Mitchell
Local Sales ManagerJerry A. Wigley
Artists Bureau HeadB. Cunningham
Program DirectorBob Wilbur
Chief AnnouncerLynn Gearhart
Production ChiefMaurice F. Hayes

POLICIES

Beer and ale accounts accepted. No hard liquors—(in line with NBC policy). Patent medicine advertising accepted subject to station approval.

REPRESENTATIVE

Transamerican Broadcasting & Television Corp.

SUNSHINE FOR LISTENERS SUNSHINE FOR ADVERTISERS

WSUN

St. Petersburg, Florida

Serving Florida's Center of Population and Richest Markets

Business Office

RECREATION PIER—ST. PETERSBURG, FLORIDA

5000 W—Day 1000 W—Night

620 k.c.

Harold Meyer, General Manager

WTAL

"VOICE OF FLORIDA'S CAPITAL CITY"

TALLAHASSEE—EST. 1935

FREQUENCY: 1310 Kc. POWER: 250 Watts-d., 100 Watts-n. OWNED BY: Fla. Capital Broadcasters, Inc. OPERATED BY: Fla. Capital Broadcasters, Inc. BUSINESS ADDRESS: Thomasville Rd. PHONE: 1310-R. STUDIO ADDRESS: Thomasville Rd. TRANSMITTER LOCATION: Thomasville Rd. TIME ON THE AIR: 8:00 a.m. to 10:00 p.m. NEWS SERVICE: United Press. MAINTAINS ARTISTS BUREAU: TRANSCRIPTION SERVICES: World Broadcasting System.

Personnel

President	Gilbert	Freeman
Station Manager	. Richard	Kingston
Musical Director	Lill	ian Kalil
Chief Engineer	W. A.	Snowden

POLICIES

Does not accept liquor advertising.

WDAE

TAMPA—EST. 1922

COLUMBIA BROADCASTING SYSTEM FREQUENCY: 1220 Kc. POWER: 5000 Watts, d.; 1000 Watts, n. OWNED BY: Tampa Times Company. OPERATED BY: Tampa Times Company. BUSINESS ADDRESS: Tampa Terrace Hotel. PHONE: M-1818. STUDIO ADDRESS: Tampa Terrace Hotel. TRANSMITTER LOCATION: Forest Hills Country Club, Area. TIME ON THE AIR: 7:30 A.M. to 12:00 Midnight; Sunday, 8:00 A.M. to 12:00 midnight. NEWS-PAPER AFFILIATION: Tampa Daily Times. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: Standard Radio.

Personnel

President	Y
Station ManagerL. S. Mitche	IJ
Chief Announcer Kenneth W. Skelto	n
Publicity Director Virginia L. Jame	s
Musical Director	er
Chief Engineer	е

POLICIES

Hard liquor advertising not carried. Beer and light wine advertising accepted. Programs in Spanish carried regularly.

Reasonable amount of window display, local calls, letter service and newspaper tieins are available.

REPRESENTATIVE

The Katz Agency

WFLA

"SERVING THE TAMPA TRADE TERRITORY"

TAMPA—EST. 1925

NATIONAL BROADCASTING CO.

WFLA-WLAK NET

FREQUENCY: 620 Kc. POWER: 5000 Watts,

d.; 1000 Watts, n. OWNED BY: Fla. West Coast Broadcasting Co., Inc. OPERATED BY: Fla. West Coast Broadcasting Co., Inc. BUSI-Fla. West Coast Business ADDRESS: Tair Bldg., Tampa. TRANSMITTER LOCATION: Bayview. TIME ON THE AIR: 7:00 A.M. to midnight. NEWS SERVICE: Press Radio Bureau. MAINTAINS ARTISTS' BUREAU. TRANSCRIPTION SERVICE: NBC Thesaurus.

Personnel

President
Com. Mgr. & V-P
Artists' Bureau HeadDon Bell
Chief AnnouncerPaul Bell
Station Manager
Sales Manager Melvin A. Myer (Local)
Publicity Director
Musical DirectorFrank Grasso
Chief EngineerJoe Mitchell

POLICIES

Liquor programs must be in good taste. Foreign language programs not accepted.

Limited merchandising is offered in keeping with size of the account. Exploitation is carried out in accord with wishes of advertiser and at his expense.

REPRESENTATIVE

John Blair & Co.

WINO

"THE VOICE OF THE PALM BEACHES"

WEST PALM BEACH—EST. 1936 COLUMBIA BROADCASTING SYSTEM

FREQUENCY: 1200 kc. POWER: 250 watts-d., 100 watts-n. OWNED BY: WJNO, Inc. OPERATED BY: WJNO, Inc. BUSINESS ADDRESS: P. O. Box 189. PHONE: 5157-8. STUDIO ADDRESS: 1415 Okeechobee Road. TRANSMITTER LOCATION: 1415 Okeechobee Road. TIME ON THE AIR: 7:00 A.M. to midnight. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: World Broadcasting System. MAINTAINS ARTISTS' BUREAU.

Personnel

President	. Jay	O'Brien
Secretary-TreasurerI	ouise	De Lea
Chief Announcer	Ben	Decker
General Manager	Reggie	Martin
Program DirectorJ.	Gunne	ar Back
Chief Engineer	Johr	Moore

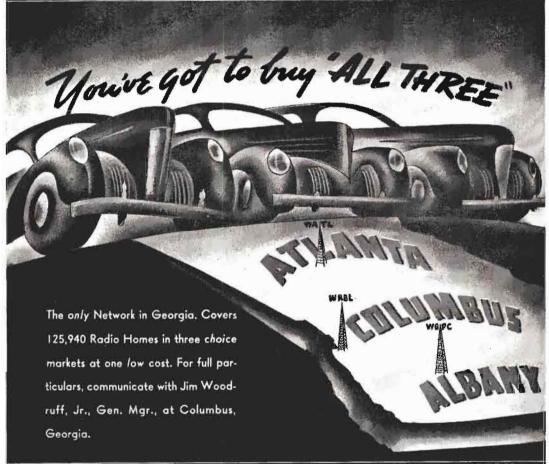
POLICIES

Beer and wine acc'ts only; no hard liquor. Merchandising: Station maintains merchandising department to cooperate with clients.

REPRESENTATIVE

Weed & Company

THE THREE WAY ROAD TO SALES IN GEORGIA



"THIS IS THE GEORGIA BROADCASTING SYSTEM"

WATL * WRBL * WGPC

ATLANTA

COLUMBUS

National Representatives:

ALBANY

SEARS & AYER, INC.

GEORGIA-

Population 3,085,000

Number of Families 716.000

Retail Sales \$484,693,000

Number of Radio Homes 370,800

Auto Registrations 354,447

WGPC

"VOICE OF S. W. GEORGIA"

ALBANY-EST, 1934

FREQUENCY: 1240 Kc. POWER: 100 Watts. OWNED BY: Americus Broadcasting Co. OPERATED BY: J. W. Woodruff, Sr. BUSINESS ADDRESS: 127½ N. Jackson St. PHONE: 1371-1370. STUDIO ADDRESS: 127½ N. Jackson St. TRANSMITTER LOCATION: 127½ N. Jackson St. TIME ON THE AIR: 7:00 A.M. to 9:00 P.M. NEWSPAPER AFFILIATION: Albany Herald. NEWS SERVICE: Associated Press. TRANSCRIPTION SERVICE: C. P. MacGregor.

Personnel

President	J. W. Woodruff, Sr.
General Manager	J. W. Woodruff, Jr.
Resident Manager	Stewart Watson
Chief Announcer	Hubert Batey
Program Manager	Louis B. Poole
Chief Engineer	Randolph C. Hallet

POLICIES

No special policies or restrictions.

REPRESENTATIVE Sears & Ayer

WGAU

"THE RED AND BLACK STATION BRIDGING THE TRADE-GAP IN NORTHEAST GEORGIA"

ATHENS-EST. 1938

FREQUENCY: 1310 Kc. POWER: 250 Watts, d.; 100 Watts, n. OWNED BY: J. K. Patrick & Co. OPERATED BY: J. K. Patrick & Co. BUSINESS ADDRESS: Bobbins Mill Road. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 7:00 A.M. to 12:00 midnight. TRANSCRIPTION SERVICE: Standard Radio.

Personnel

Station Director A. Lynne	Brannen
Program DirectorMelvin	Gorman
Musical Director	. Grimes

POLICIES

Station does not accept liquor or wine advertisements: Station does not use phonograph records and has every facility for any type of service.

WAGA

"ATLANTA'S WAVE OF WELCOME"

ATLANTA—EST. 1937

NBC-(BLUE)

FREQUENCY: 1450 Kc. POWER: 1000 Watts, d.; 500 Watts, n. OWNED BY: Liberty Broadcasting Co. OPERATED BY: The Atlanta Journal. BUSINESS ADDRESS: Western Union Bldg. PHONE: Main 5101-3. STUDIO ADDRESS: Western Union Bldg. TRANSMITTER LOCATION: East Atlanta. TIME ON THE AIR: 6:30 A.M. to 1:00 A.M. NEWSPAPER AFFILIATION: The Atlanta Journal (Operates the station and owns stock in same). NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: World Transcription Library.

Personnel

Executive DirectorLo	ambdin K ay
Station Manager Jess M.	Swicegood
Commercial Manager Jess M.	. Swicegood
Chief Announcer Earl	e J. Pudney
Musical DirectorEarle	e J. Pudney
Chief EngineerClif	H. Hanson

POLICIES

No liquor accounts accepted. No chiropractic accounts accepted.

Merchandising: Sponsors receive full cooperation and publicity through the pages of the radio section of the Atlanta Journal and all other mediums are charges to the account at cost to the station.

REPRESENTATIVE

Edward Petry Co., Inc.

WATL

"THE NEWS STATION OF ATLANTA"

ATLANTA—EST. 1931

GEORGIA BROADCASTING SYSTEM

FREQUENCY: 1370 Kc. POWER: 250 watts, d.: 100 watts, n. OWNED BY: Atlanta Broadcasting Co. OPERATED BY: Same. BUSINESS ADDRESS: Henry Grady Bldg. PHONE: Walnut 4377-8. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: 26 Cain St., N. W. TIME ON THE AIR: 6:00 A.M. to 1:00 A.M. (all night Sat.). NEWS SERVICE: International News Service. TRANSCRIPTION SERVICE: Associated Music.

Personnel

President	J. W. Woodruff
General Manager	. Maurice C. Coleman
Chief Announcer	Bill Shannon
Sales Manager	.Maurice C. Coleman
Musical Director	
Chief Engineer	Jim Comer Jr.

POLICIES

Advertising of alcoholic beverages, excepting light wines and beer, not accepted. Accepts foreign language programs if English script is furnished and passes usual policy rules.

Merchandising: Tabloid "newspapers" delivered to 75,000 homes regularly; blotters supplied on all accounts that are of 52-week duration. Phone service to all women's organizations, etc., informing them of attractions. Letters and post cards to dealer outlets, etc. Expect to turn a portion of our national advertising over to clients.

REPRESENTATIVE

Sears & Ayer

WGST

ATLANTA—EST. 1929

COLUMBIA BROADCASTING SYSTEM FREQUENCY: 890 Kc. POWER: 5000 Watts. d.; 1000 Watts, n. OWNED BY: Georgia School of Technology. OPERATED BY: Southern Broadcasting Stations, Inc. BUSINESS ADDRESS: Ansley Hotel. PHONE: Walnut 8441. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Cheshire Bridge Road. TIME ON THE AIR: Sundays, 7:45 A.M. to 12:00 midnight: Daily, 6:00 A.M. to 12:00 midnight: Daily, 6:00 A.M. to 12:00 midnight. NEWSPAPER AFFILIATION: Atlanta Georgian-American, Atlanta Constitution. NEWS SERVICE: Transradio Press. Associated Press. TRANSCRIPTION SERVICE: Standard Radio.

Personnel

General Manager	. H. Summerville
Treasurer	P. J. Wilhite
Program Director	John Fulter
Promotion Director	Frank Gaither
Production Director	Don Naylor
Musical Director	Lola Wallace

POLICIES

Station maintains merchandising department.

REPRESENTATIVE

The Katz Agency

WSB

"THE VOICE OF THE SOUTH"

ATLANTA—EST. 1922

NBC-RED

FREQUENCY: 740 Kc. POWER: 50.000 Watts. OWNED BY: Atlanta Journal Co. OPERATED BY: Atlanta Journal Co. BUSINESS ADDRESS: Atlanta Biltmore Hotel. STUDIO

ADDRESS: Atlanta Biltmore Hotel, TRANS-MITTER LOCATION: Near Tucker, Ga. TIME ON THE AIR: Daily, 5:45 A.M. to 12:00 midnight; Sunday, 7:00 A.M. to 12:00 midnight, NEWSPAPER AFFILIATION: Atlanta Journal. TRANSCRIPTION SERVICE: NBC Thesaurus.

Personnel

General ManagerLambdin Kay
Sales ManagerJohn M. Outler, Jr.
Program DirectorRoy McMillen
Musical DirectorMarcus Bartlett
Continuity EditorLessie Smithgall
Commercial Trafic ManagerDana Waters
Transcription Editor
News EditorErnest Rogers
Director of School of AirLouis T. Rigdon
Chief Engineer

POLICIES

All business accepted subject to the "Standard Conditions Governing Contracts and Orders for Spot Broadcasting" adopted by the National Association of Broadcasters in cooperation with the American Association of Advertising Agencies.

REPRESENTATIVE

Edward Petry & Company

WRDW

"WHERE RADIO DOES WONDERS"
"THE VOICE OF AUGUSTA"

AUGUSTA—EST. 1934 COLUMBIA BROADCASTING SYSTEM

FREQUENCY: 1500 Kc. POWER: 250 Wattsd., 100 watts-n. OWNED BY: Augusta Broadcasting Co. OPERATED BY: Augusta Broadcasting Co. BUSINESS ADDRESS: 10th & Broad Sts. PHONE: 2976-7-8. STUDIO ADDRESS: 10th & Broad Sts. TRANSMITTER LOCATION: Buena Vista Ave., North Augusta, S. C. TIME ON THE AIR: 6:55 A.M. to midnight; Sunday, 8:00 A.M. to midnight, NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: World Broadcasting System. MAINTAINS ARTISTS' BUREAU.

Personnel

Station Manager	W. R. Ringson
Sec. & Treas	-
Program Director	James Davenport
Artists Bureau Head	James Davenport
Chief Announcer	James Davenport
Sales Manager	Thurston Bennett
Musical Director	
Chief Engineer	Harvey Aderhold

POLICIES

No liquor advertising.

Merchandising: Personalized merchandising through dealers, direct mail, newspapers and theatre trailers is available.

REPRESENTATIVE

Burn-Smith Co.

WRBL

"THE VOICE OF FRIENDLY SERVICE"

COLUMBUS—EST, 1928

GEORGIA BROADCASTING SYSTEM

FREQUENCY: 1200 Kc. POWER: 250 Watts, d.; 100 Watts, n. OWNED BY: The Columbus Broadcasting Co., Inc. OPERATED BY: Same, BUSINESS ADDRESS: 1420 2nd Ave. PHONE: 4300-1-2. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: 15th Ave.—30th St. TIME ON THE AIR: 6:00 A.M. to 11:00 P.M.; Sunday, 9:00 A.M. to 6:00 P.M., C.S.T. NEWS SERVICE: International News Service. MAINTAINS ARTISTS' BUREAU. TRANSCRIPTION SERVICE: World Broadcasting System.

Personnel

PresidentJ. W. Woodruff, Sr.
General Manager Jack Gibney
Commercial ManagerD. T. Youngblood
Chief Announcer Program Director
Bill Dougherty
Artists Bureau HeadElizabeth Alford
Chief EngineerOliver Heelv

POLICIES

Advertising of alcoholic beverages not accepted, excepting beer and wine.

Merchandising: Full merchandising service is available to advertising including embossed display signs.

REPRESENTATIVE

Sears & Ayer

WKEU

GRIFFIN—EST. 1934

FREQUENCY: 1500 Kc. POWER: 100 Watts. OWNED BY: Radio Station WKEU. OPERATED BY: A. W. Marshall, Jr. BUSINESS ADDRESS: Griffin Hotel. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: Daytime to local sunset. TRANSCRIPTION SERVICE: C. P. MacGregor.

Personnel

Manager A. W. Marshall, Jr.

REPRESENTATIVE Burn-Smith Co.

WMAZ

"DOING A PEACH OF A JOB IN GEORGIA"

MACON—EST. 1922

COLUMBIA BROADCASTING SYSTEM
FREQUENCY: 1180 Kc. POWER: 5000 watts,
d.; 1000 watts, n. OWNED BY: Southeastern
Broadcasting Co. OPERATED BY: Southeastern

Broadcasting Co. BUSINESS ADDRESS: 211
Cotton Äve. PHONE: 3131-2. STUDIO ADDRESS: 211 Cotton Äve. TRÄNSMITTER LOCATION: Georgia Place. TIME ON THE AIR: 6:30
Ä.M. to Sunset at Albuquerque, New Mexico:
Sunday. 8:00 Ä.M. to sunset at Albuquerque,
N. M. NEWSPÄPER ÄFFILIÄTION: Macon
Telegraph & Evening News. NEWS SERVICE:
Ässociated Press. TRÄNSCRIPTION SERVICE:
World Transcription System, Radio Transcription Co. of Ämerica, World Program Service.

Personnel

President, General Manager	E. K. Cargill
Vice-PresidentG	eorge P. Rankin
Secretary-Treasurer and Assis	tant Manager, Wilton E. Cobb
Commercial Manager	Frank Crowther
Publicity Director	Wilton E. Cobb
Musical Director	llie V. Williams
Chief EngineerGeor	ge P. Rankin Jr.

POLICIES

No hard liquor or questionable medical products advertising accepted.

Merchandising: Extent determined with each account.

REPRESENTATIVE

The Katz Agency

WRGA

ROME-EST, 1929

FREQUENCY: 1500 Kc. POWER: 250 watts-d., 100 watts-n. OWNED BY: Rome Broadcasting Corp. OPERATED BY: Rome Broadcasting Corp. BUSINESS ADDRESS: National City Bank Bldg. PHONE: 1995. STUDIO ADDRESS: National City Bank Bldg. TRANSMITTER LOCATION: National City Bank Bldg. TIME ON THE AIR: (daily) 6:30 a.m. to 10:00 p.m., (Sunday) 9:00 a.m. to 10:00 p.m. NEWS SERVICE: United Press.

Personnel

President	. John	w.	Quarles
Station Manager	На	рру	Quarles
Commercial Manager		. Pric	ce Selby
Chief Announcer		Jimm	y Kirby
Chief Engineer		R.	L. Starr

WSAV*

SAVANNAH—EST. 1939

FREQUENCY: 1310 Kc. POWER: 100 watts. OWNED BY: Arthur Lucas. OPERATED BY: Arthur Lucas. BUSINESS ADDRESS: Savannah. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: Full Time License.

Personnel

Owner Arthur Lucas * Station was licensed to operate under a C.P. No further information was available

at time of going to press.

WTOC

"WELCOME TO OUR CITY"

SAVANNAH-EST, 1929

COLUMBIA BROADCASTING SYSTEM

FREQUENCY: 1260 Kc. POWER: 1000 watts (C.P. pending for 5000 watts, d.), OWNED BY: Savannah Broadcasting Co. OPERATED BY: Savannah Broadcasting Co. *BUSINESS AD-DRESS: P. O. Box 645. PHONE: Savannah 2-0127. STUDIO ADDRESS: 516 Abercorn St. TRANSMITTER LOCATION: Northwest of Savannah (C.P. near Louisville Rd.). TIME ON THE AIR: 6:00 A.M. to 12:00 midnight; Sunday, 8:00 A.M. to 12:00 midnight. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: C. P. MacGregor, Lang-Worth.

'Station will locate in Old Southern Mansion after completion of construction of new studios and equipment.

Personnel

President
Station ManagerMarjorie B. Willis
Local Sales ManagerRobert R. Feagin
Chief Announcer
Promotion and Advertising Director, $\textbf{W. B. Smart}$
$Continuity \ \ Director. \dots Esther \ \ Shearouse$
Chief EngineerLaws L. Meador
Engineer in Charge of Remotes, Charles A. Runyon

POLICIES

Liquor advertising not accepted. Will accept foreign language programs provided transcribed with affidavit translating the program, copy and material. No announcements of general nature are accepted on Sundays; Sunday is reserved for institutional advertising only.

Merchandising: Signs on the sides of Dodge Panel Truck; embossograph signs, mimeographed publicity releases, courtesy announcements, personal contact of local dealers, assistance with dealer display, direct mail campaigns.

REPRESENTATIVE

Paul H. Raymer Company

$\mathbf{W} \mathbf{P} \mathbf{A} \mathbf{X}$

"GOOD MERCHANTS USE RADIO WPAX IN THOMASVILLE"

THOMASVILLE—EST. 1934

FREQUENCY: 1210 Kc. POWER: 250 watts. d.; 100 watts, n. OWNED BY: H. Wimpy. OPERATED BY: H. Wimpy. BUSINESS AD-DRESS: 117 Remington Ave. PHONE: 909. STUDIO ADDRESS: 117 Remington Ave. TRANSMITTER LOCATION: 117 Remington Ave. TIME ON THE AIR: 7:00 A.M. to sunset. NEWSPAPER AFFILIATIONS: Atlanta Georgian, Albany Herald, Albany, Ga.; Pelham Journal, Pelham, Ga. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: Records exclusively.

Personnel

Commercial Manager	Chas.	Lawton
Station Manager	H.	Wimpy
Chief Announcer	P. Wa	lton, Jr.
Sales Manager	Chas.	Lawton
Chief EngineerJan	nes W	. Poole

POLICIES

Accepts beer and wine, no liquor. Very few foreign language listeners in territory but no restrictions on such accounts.

WAYX

"VOICE OF SOUTH GEORGIA"

WAYCROSS—EST, 1936

FREQUENCY: 1200 Kc. POWER: 250 Watts, d.; 100 Watts, n. OWNED BY: Waycross Broadcasting Co. OPERATED BY: Same. BUSINESS ADDRESS: 620 Plant Ave. PHONE: 965. STUDIO ADDRESS: Same. TRANSMIT-TER LOCATION: Waycross. TIME ON THE AIR: 7:00 A.M. to 9:00 P.M. NEWSPAPER AFFILIATION: Waycross Journal - Herald. NEWS SERVICE: United Press. MAINTAINS ARTISTS BUREAU. TRANSCRIPTION SER-VICE: World Broadcasting System.

Personnel

PresidentJack Will	iams
Commercial ManagerJack M	uπαγ
Station ManagerJohn J. Te	obola

POLICIES

Beer and wine advertising permitted, except on Sunday.

Merchandising: Affiliation with Waycross Journal-Herald permits added publicity on programs. Cuts and stories of artists featured are run in the paper.

IDAHO

Population 493,000

Number of Families 124,000

Retail Sales \$140,167,000

Number of Radio Homes 98,700

Auto Registrations 113,000

KIDO

"THE VOICE OF IDAHO"

BOISE-EST, 1928

NATIONAL BROADCASTING COMPANY

FREQUENCY: 1350 Kc. POWER: 2500 watts, d., 1000 watts, n. (C.P. for 5000 watts, d.). OWNED BY: C. G. Phillips and Frank L. Hill. OPERATED BY: C. G. Phillips and Frank L. Hill. BUSINESS ADDRESS: Hotel Boise. PHONE: 650-1-3040. STUDIO ADDRESS: Hotel Boise. TRANSMITTER LOCATION: 4½ miles N.W. of city. TIME ON THE AIR: 7:00 A.M. to 12:00 midnight; Sunday, 9:00 A.M. to 12:00 midnight; Sunday, 9:00 A.M. to 12:00 midnight; NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: World Broadcasting System.

Personnel

Station Manager
Commercial ManagerBonnie Scotland
Chief AnnouncerBilly Phillips
Sales Manager
Publicity DirectorLeroy Civille
Musical DirectorVern Moore
Chief Engineer

POLICIES

Liquor advertising after 9:30 p.m. only. Newspaper and radio publicity by way of merchandising aids.

REPRESENTATIVE

John Blair and Company

KGCI*

COEUR D'ALENE—EST. 1937

FREQUENCY: 1200 Kc. POWER: 100 Watts. OWNED BY: Clarence A. Berger and Saul S. Freeman. OPERATED BY: Clarence A. Berger and Saul S. Freeman. BUSINESS ADDRESS: Coeur D'Alene. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: Daytime.

*Station was licensed to operate under a C. P. No further information was available at time of going to press.

KID

"IDAHO'S MOST POWERFUL RADIO STATION"

IDAHO FALLS-EST, 1928

FREQUENCY: 1320 Kc. POWER: 5000 Wattsd., 500 Wattsn. OWNED BY: KID Broadcasting Co. OPERATED BY: KID Broadcasting Co. BUSINESS ADDRESS: 3rd floor, KID Bldg. PHONE: 4. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Hunnom Road. TIME ON THE AIR: 6:00 A.M. to 9:00 P.M. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: World Broadcasting System.

Personnel

President and General Manager,

	J. W. Duckworth
Assistant Manager	Maxine Chaffin
Chief Engineer	W. J. Provis

POLICIES

No special policies or programs or merchandising plans.

REPRESENTATIVE

Sears & Aver

KRLC

"SERVING THE NORTHWEST'S RICHEST AGRICULTURAL AREA"

LEWISTON—EST. 1935

FREQUENCY: 1390 Kc. POWER: 250 Watts. OWNED BY: H. E. Studebaker. OPERATED BY: H. E. Studebaker. BUSINESS ADDRESS: Lewis-Clark Hotel. PHONE 1950-1. STUDIO ADDRESS: Lewis-Clark Hotel. TRANSMITTER LOCATION: Lewiston Orchards. TIME ON THE AIR: (daily) 6:30 a.m. to 10:00 p.m., (Sunday) 9:00 a.m. to 9:00 p.m. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICES: World Program Service. Lang-Worth Feature Programs, Inc.

Personnel

Owner	. H.	E.	Sti	ude	baker
Advertising Manager	.		R.	A.	Klise
Station Manager	D	onα	ld.	A.	Wika

POLICIES

All copy must comply with station policy and FCC Regulations.

Merchandising service is available to extent desired at actual cost.

REPRESENTATIVES

Walter Biddick Co.—Pacific Coast Sears & Ayers—Chicago Cox & Tanz—Philadelphia

KFXD

"IDAHO'S STATION KFXD"

NAMPA—EST. 1922

FREQUENCY: 1200 Kc. POWER: 250 watts, d.; 100 watts, n. OWNED BY: Frank E. Hurt. OPERATED BY: Frank E. Hurt. BUSINESS ADDRESS: 1024 Twelfth Ave., South. PHONE: 1200. STUDIO ADDRESS: 1024 Twelfth Ave., S.; Eighth and Grant Sts., Caldwell: Owyhee Hotel, Boise. TRANSMITTER LOCATION: 1024 Twelfth Ave., S.; Boise & Caldwell. TIME ON THE AIR: 6:00 A.M. to 9:00 P.M.; Sunday, 9:00 A.M. to 9:00 P.M. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: NAB Library, NBC Thesaurus, Lang-Worth, C. P. MacGregot.

Personnel

Owner	and Station	Manager	Frank	E. Hurt
Comme	rcial Manag	ger	Doyle	e Cain
Chief A	Innouncer	Marvi	n E. Jo	hnston
Sales N	lanager		Doyle	e Cain
Chief I	Ingineer		Edward	d Hurt

POLICIES

Does not accept any liquor advertising. Does not accept advertising of products not sold by local merchant.

KSEI

NATIONAL BROADCASTING CO. (RED AND BLUE)

POCATELLO—EST. 1926

FREQUENCY: 900 Kc. POWER: 1000 Wattsd., 250 Watts-n. OWNED BY: Radio Service Corp. OPERATED BY: Radio Service Corp. BUSINESS ADDRESS: Pocatello. PHONE: 960. STUDIO ADDRESS: Pocatello. TRANSMITTER LOCATION: Bannock County Fairgrounds. TIME ON THE AIR: 6:00 A.M. to 12:00 P.M.; Sunday, 7:00 A.M. to 12:00 midnight. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: C. P. MacGregor, Lang-Worth.

Personnel

n . 1 .

President	O. P. Soule
Vice-President and General	Manager,
	Henry H. Fletcher
Chief Rumaumaan	Calvin I Halo

Publicity DirectorRuthe	A.	Fletcher
Musical DirectorRuthe	A.	Fletcher
Chief EngineerJames	E.	Mitchell

POLICIES

Does not accept hard liquor advertising.

Merchandising: All wholesale and retail outlets will be circulated on KSEI stationery at actual cost. Forwarding of fan mail and other clerical and stenographic jobs will be handled on a similar basis.

REPRESENTATIVE

Gene Furgason & Co.

KTFI

"IDAHO'S POPULAR NBC STATION"

NBS (RED AND BLUE)

TWIN FALLS-EST, 1928

FREQUENCY: 1240 Kc. POWER: 1000 watts. OWNED BY: Radio Broadcasting Corp. OPERATED BY: Radio Broadcasting Corp. BUSINESS ADDRESS: Radio Center Bldg. PHONE: 30. STUDIO ADDRESS: Radio Center Bldg. TRANSMITTER LOCATION: 4 miles west of Twin Falls. TIME ON THE AIR: 6:00 A.M. to 11:00 P.M. (daily), 9:00 A.M. to 11:00 P.M. (Sunday). NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: C, P. MacGregor and Lang-Worth.

Personnel

General Manager	John E. Gardner
Chief Announcer	Charles Crabtree
Publicity Director	F. M. Soule
Musical Director	Will E. Wright
Chief Engineer	.Franklin V. Cox

POLICIES

No liquor advertising accepted, excepting a limited number of wine accounts.

Merchandising service is available when contract justifies.

REPRESENTATIVE

Bryant, Griffith & Brunson, Inc.

KWAL*

WALLACE-EST, 1939

FREQUENCY: 1420 Kc. POWER: 250 watts, d.: 100 watts, n. OWNED BY: Chester Howarth and Clarence Berger. OPERATED BY: Same. BUSINESS ADDRESS: Wallace. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: Full Time License. * Station was licensed to operate under a

*Station was licensed to operate under a C.P. No further information was available at time of going to press.

O D C

ILLINOIS

Population 7,878,000

Number of Families 2,063,000

Number of Radio Homes 1,857,100

Retail Sales \$2,173,069,000

Auto Registrations 1,565,000

WMRO

AURORA-EST. 1939

FREQUENCY: 1250 Kc. POWER: 250 watts. OWNED BY: Martin R. O'Brien. OPERATED BY: Martin R. O'Brien. BUSINESS ADDRESS: Aurora. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: Daytime License. TRANSCRIPTION SERVICE: NBC Thesaurus.

Personnel

Owner-General Manager	Martin R. O'Brien
Program Director	Russ Salter
Musical Director	Mary Louise Brown
Chief Engineer	Leo Burch

WJBC

"VOICE OF CENTRAL ILLINOIS"

BLOOMINGTON-EST, 1934

FREQUENCY: 1200 Kc. POWER: 250 Watts, d.; 100 Watts, n. OWNED BY: A. M. and D. C. McGregor (a partnership). OPERATED BY: A. M. McGregor. BUSINESS ADDRESS: Bloomington. PHONE: 535-534. STUDIO ADDRESS: Wesleyam University: Normal University. Normal. TRANSMITTER LOCATION: West Gregory St., Normal. TIME ON THE AIR: 9:00 A.M. to 12:30 P.M.—3:00 P.M. to 7:30 P.M. NEWS SERVICE: Transradio Press. MAINTAINS ARTISTS' BUREAU. TRANSCRIPTION SERVICE: Standard Radio and Lang-Worth Features.

Personnel

President and Station Manager,

	A. M. McGregor
Commercial Manager	Hugh L. Gately
Musical Director	Stanley Lantz
Chief Engineer	Marshall Seacrist

POLICIES

No foreign language or liquor accounts accepted.

Merchandising: Station will obtain contracts with wholesalers in this territory—prepare lists of retail outlets—and mail promotional material, etc., all at cost.

REPRESENTATIVE

Rawlins & Hunt (Chicago)

WCAZ

"THE FRIENDLY VOICE OF THE AIR"

CARTHAGE-EST. 1921

FREQUENCY: 1070 Kc. POWER: 100 Watts. OWNED BY: Superior Broadcasting Service, Inc. OPERATED BY: Superior Broadcasting Service, Inc. BUSINESS ADDRESS: 502 Wabash Ave. PHONE: 520. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: R. F. D. Carthage. TIME ON THE AIR: Daytime to local sunset. NEWS SERVICE: Own local news bureau.

Personnel

President and General Manager. Bob Compton Com. Mgr. and Adv. Mgr.......John Palmer Chief Announcer........Charles Hunter

POLICIES

No special program restrictions.

Merchandising: Station offers facilities but

Merchandising: Station offers facilities but will make no solicitation for advertisers.

REPRESENTATIVE

Radio Time Agency

WDWS

"THE NEWS GAZETTE STATION"

CHAMPAIGN—EST. 1937

FREQUENCY: 1370 Kc. POWER: 250 watts, d.; 100 watts, n. OWNED BY: News Gazette, Inc. OPERATED BY: Same. BUSINESS ADDRESS: 48 Main St. PHONE: 5252. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: ½ mile south of Champaign. TIME ON THE AIR: 7:00 A.M. to 11:00 P.M.; Sunday, 8:00 A.M. to 11:00 P.M. NEWSPAPER AFFILIATION: News Gazette. NEWS SERVICE: United Press and Associated Press. TRANSCRIPTION SERVICE: NBC Thesaurus.

Personnel

Station ManagerL. G. Collison
Program DirectorRichard Noble
Musical Director
Chief EngineerJack M. Wainscow
20110120

POLICIES

No foreign language accounts accepted. Advertising of alcoholic beveraes not accepted, excepting beer and wine.

Merchandises service for accounts, — also news stories daily of programs.

REPRESENTATIVE

Sears & Ayers

CANDID PICTURE



of 50,000 WBBM Watts at Work!

YES, at work, as WBBM advertisers well know. Local and national spot advertisers, who judge stations by cash register response, have been placing more business on WBBM than on any other Chicago station for nearly eight years . . . 40% more than on any other Chicago station throughout 1938! (And WBBM entered 1939 with a greater gain over 1938 than any other Chicago station.)

If you want your tune played on more than ten per cent of the cash registers in the entire United States, let WBBM work for you.

Owned and operated by the Columbia Broadcasting System. Represented nationally by RADIO SALES: New York, Chicago, Detroit, Milwaukee, Charlotte, N. C., Los Angeles, San Francisco.

WBBM

50,000 WATTS CHICAGO'S CBS STATION

WAAF

"METROPOLITAN STATION"

CHICAGO-EST. 1922

FREQUENCY: 920 Kc. POWER: 1000 Watts. OWNED BY: Chicago Daily Drovers Journal. OPERATED BY: Chicago Daily Drovers Journal. BUSINESS ADDRESS: Palmer House. PHONE: Randolph 1932. STUDIO ADDRESS: Palmer House. TRANSMITTER LOCATION: Exchange Bldg. TIME ON THE AIR: 6:00 A.M. to local sunset. NEWSPAPER AFFILIATION: Chicago Daily Drovers Journal. MAINTAINS ARTISTS' BUREAU. TRANSCRIPTION SERVICES: NAB Library, Standard Radio, Titan, Lang-Worth.

Personnel

President
General Manager William E. Hutchinson
Commercial Manager Arthur F. Harre
Program DirectorJohn P. Odell
Musical DirectorJames Kozak
Chief Engineer

POLICIES

No liquor advertising accepted; no foreign language programs.

REPRESENTATIVE

George P. Hollingbery Co.

WBBM

"WBBM AIR THEATER"

CHICAGO—EST. 1923

COLUMBIA BROADCASTING SYSTEM FREQUENCY: 770 Kc. POWER: 50000 Watts. OWNED BY: Columbia Broadcasting System, Inc. OPERATED BY: Same. BUSINESS ADDRESS: 410 N. Michigan Ave. PHONE: Whitehall 6000. STUDIO ADDRESS: 410 N. Michigan Ave. TRANSMITTER LOCATION: Glenview. TIME ON THE AIR: 6:15 A.M. to 1:30 A.M. NEWS SERVICES: United Press & International News Service: MAINTAINS ARTISTS' BUREAU. TRANSCRIPTION SERVICE: Associated.

Personnel

President
Vice-President and Station
Manager
Assistant ManagerJ. L. Van Volkenburg
Advertising Manager Wayde Grinstead
Program DirectorRobert N. Brown
Artists' Bureau Head Stan Thompson
Sales Manager
Public Relations Director Hal Burnett
Publicity DirectorCharles E. Logan
Musical Director Carl Hohengarten
Chief EngineerFrank B. Falknor

POLICIES

No highly fortified liquors. No foreign language. General requirements of CBS policies.

REPRESENTATIVE

Radio Sales

WCBD

"MIGHTY VOICE OF THE MID-WEST"

CHICAGO

FREQUENCY: 1080 Kc. POWER: 5000 Watts. OWNED BY: WCBD, Inc. OPERATED BY: Same. BUSINESS ADDRESS: 2400 W. Madison St. PHONE: Seeley 8066. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Church Road, Elmhurst. TIME ON THE AIR: 7:30 A.M. to 10:30 A.M., 1:00 P. M. to 3:00 and 5:00 P.M. to local sunset. Shares time with WMBI. NEWS SERVICE: International News Service. TRANSCRIPTION SERVICE: NAB Library.

Personnel

President	T. Dyer
ManagerJoseph	Rudolph
Chief EngineerEdward	J. Jacker

POLICIES

Advertising of alcoholic beverages accepted. All programs are subject to the approval of the station management and must conform to the standards of the station. Programs should be submitted not less than three days in advance for the program director's approval.

WCFL

"CHICAGO'S MOST POWERFUL INDEPENDENT FULL TIME STATION"

CHICAGO—EST. 1926

NATIONAL BROADCASTING CO.

FREQUENCY: 970 Kc. POWER: 5000 Watts. OWNED BY: Chicago Fed. of Labor (AFL). OPERATED BY: Chicago Federation of Labor. BUSINESS ADDRESS: 666 Lake Shore Drive. PHONE: Superior 5300. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Du Page County. TIME ON THE AIR: (daily) 6:30 A.M. to midnight: (Sunday) 8:30 A.M. to midnight. NEWS SERVICE: Transradio Press.

Personnel

President	John	Fitzpatrick
General Manager	. Maynard	Marquardt
Commercial Manager	M.	B. Wolens
Program Director		Miles Reed
Musical Director		John Kelly
Chief Engineer	Maynard	Marquardt

POLICIES

Does not accept liquor advertising. No time sold in bulk for resale. Foreign language accounts not solicated.

Station will merchandise advertisers' produts to union members affiliated with Chicago Federation of Labor and to members in territory affiliated with American Federation of Labor. Total of approximately 450,000 members in WCFL territory.

REPRESENTATIVE

The Katz Agency

CUT YOURSELF A PIECE OF PIE



*
Braadcasting Magazine, Jan. 1,
1938-22,711,860---Radia Families in U.S. 2,788,600---Radio
Families in W-G-N Primary Litening Area. Est. by Joint Comm.
on Radia Research

THROUGH W-G-N, which since 1925 has consistently led the field, and through this one station alone, you thoroughly blanket twelve percent of the TOTAL potential American radio audience. With its new 750-foot vertical radiator and high fidelity transmitter at a new location, W-G-N's already vast pri-

mary coverage area, as indicated by the above figures, will again be substantially improved. FIRST in facilities, FIRST in programs, FIRST in ideas, FIRST in service and FIRST in audience appeal, W-G-N stands as the leader of stations in Chicago and the Middle West, America's second largest market.

STOP STARVING YOURSELF AND YOUR PRODUCT—CUT YOUR BIGGEST SLICE OF PIE TODAY

50,000 WATTS

W-G-N, Inc.

720 KILOCYCLES

Eastern Sales Office: William E. McGuineas 220 E. 42nd Street New York City 441-445 North Michigan Avenue Chicago, Illinois

MEMBER OF-THE MUTUAL BROADCASTING SYSTEM

Pacific Coast Office: Edward S. Townsend Russ Building San Francisco, Col.

WCRW

CHICAGO-EST, 1926

FREQUENCY: 1210 Kc. POWER: 100 watts. OWNED BY: Clinton R. White. OPERATED BY: Same. BUSINESS ADDRESS: 2756 Pine Grove Ave. PHONE: Diversey 4440. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 11:00 A.M. to 2:00 P.M.—5 to 7:00 P.M. TRANSCRIPTION SERVICE: Has full facilities.

POLICIES

Does not accept foreign langage accounts. No other stated policies.

WEDC

CHICAGO-EST. 1926

FREQUENCY: 1210 Kc. POWER: 100 Watts. OWNED BY: Emil Denemark, Inc. OPERATED BY: Emil Denemark, Inc. BUSINESS ADDRESS: 3860 Ogden Ave. PHONE: Crawford 4100. STUDIO ADDRESS: 3860 Ogden Ave. TRANS-MITTER LOCATION: 3860 Ogden Ave. TIME ON THE AIR: 8:30 A.M. to 10:00 A.M.—3:30 P.M. to 5:00 P.M.—7:00 P. M. to 8:00 P.M.—10:00 P.M. to 11:00 P.M. NEWSPAPER AFFILI-ATIONS: Daily Svennost, Narod, Polish Union Daily. NEWS SERVICES: News from affiliated newspapers.

Personnel

PresidentEmil Denemark
ManagerFrank J. Kotnour
Chief AnnouncerPaul Gerard
Musical Director
Chief Engineer

POLICIES

As "Pioneers of foreign language programs," station specializes in them.

WENR

"THE VOICE OF SERVICE" CHICAGO—EST. 1925

NATIONAL BROADCASTING CO.

(BASIC BLUE)

FREQUENCY: 870 Kc. POWER: 50,000 Watts. OWNED BY: National Broadcasting Co., Inc. OPERATED BY: Same. BUSINESS ADDRESS: Merchandise Mart. PHONE: Superior 8300. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Tinley TIME ON THE AIR: (Mon. thru Fri.) 3:00 P.M. to 6:30 P.M .- 8:00 P.M, to 1:00 A.M, (Saturday) 3:00 P.M. to 6:30 P.M.-12:00 midnight to 1:00 A.M.; (Sunday) 12:00 noon to 7:00 P.M. -8:00 P.M. to 1:00 A.M. (Shares time with WLS.) NEWS SERVICES: Press Radio and TRANSCRIPTION SERVICE: United Press. NRC. Thesaurus. MAINTAINS ARTISTS BUREAU.

Personnel

PresidentLenox R. Lohr
Acting Manager, Central
Division
Division EngineerHoward C. Luttgens
Supervisor of Music LibraryD. A. Marcotte
Night ManagerE. C. Cunningham
Director of AgricultureWilliam E, Drips
Special Events DirectorKenneth D. Fry
Asst. to Vice-President
Artists' Service ManagerJames Stirton
Chief AnnouncerEverett Mitchell
Publicity Director
Continuity EditorKenneth L. Robinson
Musical DirectorRoy Shield
Sales ManagerOliver Morton
Educational DirectorJudith Waller
Office ManagerJ. F. Whalley

POLICIES

No foreign language programs accepted. No liquor advertisements accepted. NBC policies apply otherwise.

Merchandising: Sales Promotion Department will act in an advisory capacity only, in connection with any client promotional activities. If client wishes NBC to send letter to a list of dealers, NBC will do so but all expense involved, including cost of stationery will have to be borne by client.

REPRESENTATIVE

National Broadcasting Co., Inc.

WGES

"IN THE HEART OF CHICAGO"

CHICAGO-EST, 1924

FREQUENCY: 1360 Kc. POWER: 1000 Watts, d.: 500 Watts, n. OWNED BY: Oak Leaves Broadcasting Station, Inc. OPERATED BY: Same. BUSINESS ADDRESS: 2400 Madison St. PHONE: Seeley 8066. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: 4000 Washington Blvd. TIME ON THE AIR: 7:00 A.M. to 12:00 noon and 3:30 P.M. to 8:00 P.M. NEWS SERVICE: International News Service. TRANSCRIPTION SERVICE: NAB Library.

Personnel

Station ManagerGene T. Dyer
Commercial Manager M. B. Arbeiter
Chief AnnouncerPeter Bradley
Publicity DirectorDick Kross
Musical DirectorIrma Gareri
Chief Engineer

POLICIES

No stated special program policies. Station accepts foreign language advertising.

WĠN

"THE VOICE OF THE PEOPLE"

CHICAGO—EST. 1924

MUTUAL

FREQUENCY: 720 Kc. POWER: 50,000

TWO GREAT MARKETS TWO GOOD STATIONS ONE HAPPY CONCLUSION-ESULTS.



THE PRAIRIE FARMER STATION

Burridge D. Butler Chicago

GETS RESULTS

WLS and Results are synonymous in the midwest area. More than a million letters a year for the past 8 years have been received; 54% last year contained proof of purchase. Approximately 750,000 people have paid to attend the Saturday night performances of the National Barn Dance. WLS entertainers have made personal appearances in almost every important Town and City in the midwest area. The New Transmitter is estimated to increase the present coverage area by 42%. All this combined makes WLS the resultgetting station of the midwest area.



GETS RESULTS TOO

KOY means Results in Phoenix and the Rich Salt River Valley—America's second richest luxury market. A market that entertains a forty million dollar tourist

trade throughout the winter months. That KOY covers this market and sells goods is demonstrated by the results obtained for a food product advertiser. From the first week of advertising on KOY, Phoenix retailers were completely sold out of this product. Put your advertising dollar to work in this market-Use KOY, the station that gets results.

REPRESENTED BY

JOHN BLAIR and CO.

NEW YORK - - - CHICAGO - - - DETROIT - . - LOS ANGELES SAN FRANCISCO - - - SEATTLE

Watts. OWNED BY: WGN, Inc. OPERATED BY: WGN, Inc. BUSINESS ADDRESS: 441 N. Michigan Ave. PHONE: Superior 0100. STUDIO ADDRESS: 441 N. Michigan Ave. TRANSMITTER LOCATION: Elgin. TIME ON THE AIR: 6:45 A.M. to 1:30 A.M. (Saturdays, until 2:00 A.M.); Sunday, 8:30 A.M. to 1:30 A.M. NEWSPAPER AFFILIATION: Chicago Tribune. NEWS SERVICE: Press Radio Bureau. TRANSCRIPTION SERVICE: World Broadcasting System.

Personnel

PresidentCol.	Robert R. McCormick
Managing Director	W. E. Macfarlane
General Manager	Quin A. Ryan
Sales Manager	.Edward W. Wood, Jr.
Publicity Director	Frank P. Schreiber
Musical Director	
Chief Engineer	Carl J. Meyers

POLICIES

Advertising of alcoholic beverages, excepting beer, and foreign language programs not accepted. Time given gratis to religious programs, educational programs, cure bodies, charity, medical science programs.

No special merchandising policies in effect.

REPRESENTATIVE

Wm. A. McGuineas (N. Y.) Edward S. Townsend (San Francisco)

WIND

(See Gary, Ind.)

M 1, D

"THE NATION'S LARGEST INDEPENDENT STATION"

CHICAGO—EST. 1924

WLW LINE

FREQUENCY: 1130 Kc. POWER: 20,000 Watts. OWNED BY: WJJD, Inc. OPERATED BY: WJJD, Inc. OPERATED BY: WJJD, Inc. BUSINESS ADDRESS: 201 N. Wells St. PHONE: State 5466-7. STUDIO ADDRESS: 201 N. Wells St. TRANSMITTER LOCATION: Des Plaines. TIME ON THE AIR: 6:00 A.M. to sunset, Salt Lake City. NEWS SERVICE: International News Service, N.E.A. TRANSCRIPTION SERVICE: Standard Radio.

Personnel

President	.Ralph L. Atlass
Commercial Manager	H. P. Sherman
Chief Announcer	E. Viktor
Program ManagerJ.	L. Allabough, Jr.
Studio Supervisor	. Hilton L. Remley
Publicity Director	Al Hollender
Musical Director	Ben Kanter
Chief Engineer	C. W. Gunther

POLICIES

No liquor or foreign language accounts. Maximum copy requirements. Maintains established periods for educational broadcasts which are not moved for commercial programs.

REPRESENTATIVE

Paul H. Raymer Co.

WLS

CHICAGO-EST, 1924

NATIONAL BROADCASTING CO.

FREQUENCY: 870 Kc. POWER: 50,000 watts. OWNED BY: Agricultural Broadcasting Co. OPERATED BY: Prairie Farmer. BUSINESS ADDRESS: 1230 W. Washington Blvd. PHONE: Haymarket 7500. STUDIO ADDRESS: 1230 W. Washington Blvd. TRANSMITTER LOCATION: Tinley Park. TIME ON THE AIR: 6:00 A.M. to 8:00 P.M. (midnight on Saturday). NEWSPAPER AFFILIATION: Prairie Farmer. NEWS SERVICE: United Press, Transradio Press. MAINTAINS ARTISTS' BUREAU. TRANSCRIPTION SERVICES: Usual Facilities.

Personnel

President	Burridge D. Butler
Station Manager	
Commercial Manager	
Artists' Bureau Head	Earl Kurtze
Publicity and Sales Promotio	on
Director	Don Kelly
Program Director	Harold Safford
Chief Engineer	.Thomas L. Rowe

POLICIES

Does not take liquor accounts.

Does not have standard merchandising or exploitation features, but cooperates in these

20,000 WATTS! PROGRAM POPULARITY! A HISTORY OF SUCCESS! ASSURES YOU—

"The Largest Audience per Dollar Spent in the Chicago Market."



CHICAGO

"THE NATION'S LARGEST INDEPENDENT STATION"

PAUL H. RAYMER CO.
NATIONAL REPRESENTATIVES

features with the needs and desires of individual advertisers.

REPRESENTATIVE

John Blair & Company

WMAQ

CHICAGO—EST. 1922

NATIONAL BROADCASTING CO. (BASIC RED)

FREQUENCY: 670 Kc. POWER: 50,000 Watts. OWNED BY: National Broadcasting Co., Inc. OPERATED BY: Same. BUSINESS ADDRESS: Merchandise Mart. PHONE: Superior 8300. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Elmhurst. TIME ON THE AIR: (daily) 7:00 A.M. to 1:00 A.M. (Sunday) 8:00 A.M. to 1:00 A.M. NEWS SERVICES: United Press, Press Radio. TRANSCRIPTION SERVICE: NBC Thesaurus. MAINTAINS ARTISTS BUREAU.

Personnel

W-I-N-D

"The Tip-Top Spot on Your Dial"

Gary, Indiana

560 Kilocycles

5000 WATTS DAYS

■ 1000 WATTS NIGHTS

COVERS MORE
CHICAGO SPORTS
THAN ANY
STATION IN CHICAGO

ON THE AIR 22 HOURS A DAY

12 COMPLETE
NEWSCASTS DAILY

NATIONAL SALES OFFICE 201 NORTH WELLS ST. CHICAGO, ILL.

Special Events Director Kenneth D. Fry
Asst. to PresidentA. W. Kaney
Artists' Service ManagerJames Stirton
Chief AnnouncerEverett Mitchell
Publicity Director
Continuity EditorKenneth L. Robinson
Musical DirectorRoy Shield
Sales ManagerOliver Morton
Educational DirectorJudith Waller
Office Manager

POLICIES

No foreign language programs accepted. No liquor advertisements accepted. NBC policies apply otherwise.

Merchandising: Sales Promotion Department will act in an advisory capacity only, in connection with any client promotional activities. If client wishes NBC to send letter to a list of dealers, NBC will do so but all expense involved including cost of stationery will have to be borne by client.

REPRESENTATIVE

National Broadcasting Co., Inc.

WMB

"THE STATION DEDICATED WHOLLY TO THE SERVICE OF OUR LORD, AND SAVIOR, JESUS CHRIST"

CHICAGO—EST. 1926

FREQUENCY: 1080 Kc. POWER: 5000 Watts. OWNED BY: The Moody Bible Institute of Chicago. OPERATED BY: The Moody Bible Institute Radio Station, Inc. BUSINESS ADDRESS: 153 Institute Place. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Addison. TIME ON THE AIR: Shares Limited Time with WBT and WCBD.

Personnel

POLICIES

Station does not sell time.

WSBC

"THE FRIENDLY VOICE OF CHICAGOLAND"

CHICAGO—EST. 1925

FREQUENCY: 1210 Kc. POWER: 250 watts, d.; 100 watts, n. OWNED BY: WSBC, Inc. OPERATED BY: Gene T. Dyer. BUSINESS ADDRESS: 2400 Madison St. PHONE: Seeley 8066. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 6:30 A.M. to 8:30 A.M., 10:00 to 11:00 A.M., 2:00 P.M. to 3:30 P.M., 8:00 P.M. to 10:00 P.M. and 11:00 P.M. to 12:00 midnight. TRANSCRIPTION SERVICE: NAB Library.

Personnel

President
Station ManagerFrank A. Stanford
Commercial ManagerGene T. Dyer
Chief Announcer

Sales ManagerFrank A. Stanford
Publicity DirectorDick Kross
Musical DirectorDean Remick
Chief EngineerEd Jacker

POLICIES

No stated special program policies. Station accepts foreign language accounts.

WHFC

"VOICE OF THE WEST TOWNS"

CICERO—EST. 1926

FREQUENCY: 1420 Kc. POWER: 250 Watts, d.; 100 Watts, n. OWNED BY: WHFC, Inc. OPERATED BY: Same. BUSINESS ADDRESS: 6138 W. Cermak Rd. PHONE: Cicero 4305-Lawndale 8228. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 7:00 A.M. to 1:00 A.M. NEWS SERVICE: United Press.

Personnel

President and Station Manager R. W. Hoffman
Commercial ManagerR. W. Hoffman
Chief Announcer
Program DirectorE. Zeman
Chief Engineer

POLICIES

Liquor advertising not accepted.

WDAN

"THE COMMUNITY STATION"

DANVILLE-EST. 1938

FREQUENCY: 1500 Kc. POWER: 250 watts. OWNED BY: Northwestern Publishing Co. OPERATED BY: Same. BUSINESS ADDRESS: Hotel Wolford. PHONE: Main 1700. STUDIO ADDRESS: Hotel Wolford. TRANSMITTER LOCATION: 1500 North Washington Ave. NEWSPAPER AFFILIATION: Danville Commercial News. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: World Broadcasting System. MAINTAINS ARTISTS' BUREAU.

Personnel

General Manager	E.	C. Hewes
Station Manager	C. R.	Richardson
Continuity and Pu	blicity Director	

William J. Adams
Program Director......Donald Glasgow
Chief Engineer.......Perry Esten

POLICIES

Advertising of alcoholic beverages not accepted.

Merchandising: Station maintains a promotion and survey service which includes complete trade area route lists. This service is available to advertisers without charge.

REPRESENTATIVE

J. P. McKinney & Sons

WJBL

DECATUR—EST, 1925

FREQUENCY: 1200 Kc. POWER: 100 watts. OWNED BY: Commodore Broadcasting, Inc. OPERATED BY: Same. BUSINESS ADDRESS: 353-357 N. Main St. PHONE. 5371-2. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Route 48. TIME ON THE AIR: 6:00 A.M. to 9:00 A.M.—12:30 to 3:00 P.M.—7:30 to 12:00 midnight. NEWSPAPER AFFILIATION: Decatur Herald. Decatur Review. NEWS SERVICE: International News Service. MAINTAINS ARTISTS' BUREAU. TRANSCRIPTION SERVICE: World Broadcasting System and Standard Radio.

President and General Mana	ger.Chas. R. Cook
Business ManagerF	. M. Lindsay, Jr.
Artists' Bureau Head	Nate Egnor
Chief Announcer	Berne Enterline
Musical Director	Myrtle B. Cook
Chief Engineer	

REPRESENTATIVE

Burn-Smith Co.

WKBB

(See Dubuque, Ia.)

WTMV

"THE MUSICAL STATION"
EAST ST. LOUIS—EST. 1935

FREQUENCY: 1500 Kc. POWER: 250 Watts, d.: 100 Watts, n. OWNED BY: Mississippi Valley Broadcasting Co. OPERATED BY: Mississippi Valley Broadcasting Co. BUSINESS ADDRESS: Hotel Broadview. PHONE: Bridge 3424—East 4390. STUDIO ADDRESS: Hotel Broadview. TRANSMITTER LOCATION: Hotel Broadview. TIME ON THE AIR: 6:00 A.M. to 12:00 midnight. NEWS SERVICE: International News Service. MAINTAINS ARTISTS' BU. REAU. TRANSCRIPTION SERVICE: NBC Thesaurus, Associated Recorded Program Service.

Personnel

PresidentLester E. Cox
Vice-President and General
Manager
Promotion ManagerThomas J. Connelly
Program DirectorPaul Godt
Business ManagerR. L. Schweitzer
Chief EngineerThos. R. McLean

POLICIES

Beer programs accepted for broadcasting at any hour. Liquor advertising accepted for broadcasting only after 10:00 P.M. Foreign language programs accepted; all announcing must be in English.

Merchandising: Station assists in a complete merchandising job which includes ads, run free of charge, in community newspapers (circulation: 179,700) calling attention to new programs; station will supply stationery and processing for writing letters to the trade, etc.

In addition the promotion department will ofter advertisers detailed presentations on any program or suggested programs; market statistics; surveys of competitive products in the station's market area; layouts, copy, etc., for complete tie-in campaigns among retailer.

WGIL

GALESBURG-EST. 1938

FREQUENCY: 1500 Kc. POWER: 250 Watts. OWNED BY: Galesburg Broadcasting Co. OPERATED BY: Same. BUSINESS ADDRESS: Hill Arcade Bldg. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Galesburg. TIME ON THE AIR: Daytime license. NEWS SERVICE: International News Service. MAINTAINS ARTISTS' BUREAU. TRANSCRIPTION SERVICE: Standard Radio.

Personnel

POLICIES

Advertising of alcoholic beverages not accepted, excepting beer and wine.

REPRESENTATIVE

Sears & Ayer

WEBQ

"VOICE OF SOUTHERN ILLINOIS"

HARRISBURG—EST. 1923

FREQUENCY: 1210 Kc. POWER: 250 Watts, d.: 100 Watts, n. OWNED BY: Harrisburg Broadcasting Co. OPERATED BY: Harrisburg Broadcasting Co. BUSINESS ADDRESS: 100 East Poplar. PHONE: 28—Transmitter, 125. STUDIO ADDRESS: 100 East Poplar. TRANSMITTER LOCATION: 100 E. Poplar. TIME ON THE AIR: 6:00 A.M. to 12:00 midnight (sharing time with KFVS). NEWS SERVICE: Local news. MAINTAINS ARTISTS' BUREAU.

Personnel

Station Manager	l. M. Taylor
Artists' Bureau Head	Eddie Wise
Chief Announcer	Bennett Jackson
Publicity Director	Lindell Moore
Musical Director	Virginia Crane
Chief Engineer	. Joseph R. Tate

POLICIES

Advertising of alcoholic beverages not accepted, excepting wines and beers. Accepts foreign language accounts.

Has special merchandising features in connection with commercial programs.

WCLS

IOLIET

FREQUENCY: 1310 Kc. POWER: 100 Watts. OWNED BY: WCLS, Inc. OPERATED BY: WCLS, Inc. BUSINESS ADDRESS: Joliet Bldg. PHONE: Joliet 5656. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Joliet. TIME ON THE AIR: 7:00 A.M. to 8:30 P.M. except Fri., to 10:30 P.M.; Sunday, 9:00 A.M. to 8:30 P.M. NEWS SERVICE: United Press.

POLICIES

Station's entire facilities are available to advertisers, both for planning their advertising campaign and the program presentation.

WMBD

"FROM THE HEART OF ILLINOIS"

PEORIA—EST. 1925

COLUMBIA BROADCASTING SYSTEM FREQUENCY: 1440 Kc. POWER: 5000 Watts, d.; 1000 Watts, n. OWNED BY: Peoria Broadcasting Co. OPERATED BY: Peoria Broadcasting Co. BUSINESS ADDRESS: Alliance Life Bldg. PHONE: 7133. STUDIO ADDRESS: Alliance Life Bldg. TRANSMITTER LOCATION: Route 29 between Peoria and Pekin. TIME ON THE AIR: 6:00 A.M. to midnight: (Sunday) 8:00 A.M. to midnight. NEWS SERVICE: United Press. MAINTAINS ARTISTS' TRANSCRIPTION REAU. SERVICE: NAB Library.

Personnel

President and Manager	Edgar L. Bill
Assistant Manager	Gomer Bath
Commercial Manager	Charles C. Caley
Program Manager	Gene Trace

ROCKFORD, ILL.

HOME OF

WROK

1000 WATTS

1410 KC.

was chosen by **207** sales and advertising executives as the best test market in the east, north central states among cities of 100-000 population. This

PROVEN MARKET

offers profitable investment for advertisers who demand

RESULTS

Serving northern Illinois and southern Wisconsin

KELLY-SMITH, NAT'L REPS.

Business Manager	Paul	Scherer
Publicity Director	. Brooks	Watson
Artists' Bureau Head	Milto	n Budd
Musical Director	Jac	k Lyon
Chief Announcer	Harry	Luedeke
Chief Engineer	Te	d Giles

POLICIES

No liquor. Will accept beer. No foreign language restrictions. Medicines must show clear record with FTC, Post Office and Food & Drug Administration. Reserve right to refuse to sell time for discussion of controverslat questions considered not in public interest, excepting political talks. Continuity must meet high standard of good taste.

Cooperation of sales department in merchandising features, including letters to trade, calls on dealers, special promotion of all new programs.

REPRESENTATIVE

Free & Peters, Inc.

WTAD

"VOICE OF THE MISSISSIPPI VALLEY"

QUINCY—EST. 1926

FREQUENCY: 900 Kc. POWER: 1,000 Watts. OWNED BY: Illinois Broadcasting Corp. OPERATED BY: Illinois Broadcasting Corp. BUSINESS ADDRESS: WCU Bldg. PHONE: 364 and 56. STUDIO ADDRESS: WCU Bldg. TRANSMITTER LOCATION: N. 24th St. TIME ON THE AIR: 6:00 A.M. to local sunset. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: World Broadcasting System.

Personnel

President	.W. Emery Lancaster
Secretary-Treasurer	H. G. Kreitemeyer
Vice-President	R. E. Whitfield
Business Manager	R. H. Malcomson
Commercial Manager	W. J. Rothschild
Advertising Manager	R. H. Malcomson
Chief Announcer	W. MacDill
Artists' Bureau Head	William H. Sohm
Sales Manager	R. H. Malcomson
Publicity Director	Gene Terry
Musical Director	Vera Binkley
Chief Engineer	Paul E. Miller

POLICIES

No special program restrictions. Furnishes complete merchandising facilities to meet advertiser's requirement.

WROK

"SERVING NORTHERN ILLINOIS AND SOUTHERN WISCONSIN"

ROCKFORD—EST. 1923

FREQUENCY: 1410 Kc. POWER: 1000 Watts, d.; 500 Watts, n. OWNED BY: Rockford Broadcasters, Inc. OPERATED BY: Rockford Broadcasters, Inc. BUSINESS ADDRESS: News Tower. PHONE: Main 5632. STUDIO ADDRESS: News Tower. TRANSMITTER LOCATION: Kilburn Ave. Road. TIME ON THE AIR: 6:00 A.M. to 11:00 P.M. NEWSPAPER

AFFILIATIONS: Rockford Morning Star, Rockford Register-Republic. NEWS SERVICE: United Press. MAINTAINS ARTISTS' BUREAU. TRANSCRIPTION SERVICE: NBC Thesaurus.

Personnel

President	Ruth Hanna Simms
Managing Director	James Rodgers
General Manager	Walter Koessler
Program Director	John C. McCloy
Chief Announcer	Maurice P. Owens
Publicity Director	Allen O. Brophy
Musical Director	Helene Kimberley
Chief Engineer	. Thomas C. Cameron

POLICIES

Accepts beer and light wine; no hard liquor. No other restrictions.

Station has a complete merchandising and exploitation plan, embodying use of its mobile unit when applicable.

REPRESENTATIVE

Kelly-Smith Co.

WHBF

ROCK ISLAND-EST, 1925

FREQUENCY: 1240 Kc. POWER: 1000 Watts. OWNED BY: Rock Island Broadcasting Co. OPERATED BY: Rock Island Broadcasting Co. OPERATED BY: Rock Island Broadcasting Co. BUSINESS ADDRESS: Safety Bldg., PHONE: R. I. 918-9. STUDIO ADDRESS: Safety Bldg., Rock Island: Fifth Ave. Bldg., Moline: Orpheum Theater Bldg., Davenport. TRANSMITTER LOCATION: Moline, Ill. TIME ON THE AIR: (daily) 6:00 A.M. to midnight; (Sunday) 8:00 A.M. to midnight. NEWSPAPER AFFILIATION: The Rock Island Argus. NEWS SFRVICE: United Press. MAINTAINS ARTISTS' BUREAU. TRANSCRIPTION SERVICE: NBC Thesaurus, C. P. MacGregor.

Personnel

PresidentJohn W. Potter
General ManagerL. C. Johnson
Commercial ManagerMaurice Corken
Program DirectorIvan Streed
Chief AnnouncerForest Cooke
Station ManagerJohn W. Potter
Publicity DirectorLois McDermotf
Musical DirectorLucia Thompson
Chief Engineer

POLICIES

Liquor advertising not accepted. No special restrictions on beer advertising or foreign language accounts except general requirements that apply to all accounts and programs.

Merchandising: Members of the "WHBF Ambassadors Club," composed of one person in each of 46 small towns and communities within a 30-mile radius of the tri-cities (Rock Island, Davenport and Moline), serve as radio news correspondents and publicize WHBF activities in their home communities. Regular bulletins to correspondents, or "Ambassadors"

keep them informed on special activities and commercial programs.

Merchandising department also covers the following activities: personal calls and letters to dealers; dealer and market surveys; preparation of displays and publicity; photographic service; recording of programs and other merchandising activities. Services of special girl are available to call on dealers. Commercial program schedule and publicity published in the Rock Island Argus.

REPRESENTATIVE

Gene Furgason & Co.

WCBS

"WIDER COVERAGE, BETTER SERVICE"
SPRINGFIELD—EST. 1922

FREQUENCY: 1420 Kc. POWER: 250 Watts, d.: 100 Watts, n. OWNED BY: WCBS, Inc. OPERATED BY: WCBS, Inc. BUSINESS ADDRESS: 208½ S. 5th St. PHONE: Main 8228. SIUDIO ADDRESS: 208½ S. 5th St. TRANSMITTER LOCATION: 2200 S. 6th St. TIME ON THE AIR: 6:00 A.M. to 12:00 midnight. NEWSPAPER AFFILIATION: Illinois State Journal. NEWS SERVICE: International News Service. MAINTAINS ARTISTS' BUREAU. TRANSCRIPTION SERVICE: NBC Thesaurus, C. P. MacGregor.

Personnel

President	Harold L. Dewing
Vice-President	A. W. Shipton
Secretary	L. G. Pefferle
Commercial Manager	Jack Heintz
Artists' Bureau Head	Bill Nelms
Chief Announcer	John Connelly
Publicity Director	John J. Corrigan
Musical Director	Bill Nelms
Chief EngineerF	lichard L Ashenfelter

POLICIES

Liquor advertising is restricted to beer and light wines. Not prepared at the present time to receive any foreign language advertising. Reserve the right to censor all broadcast material.

Station supplies complete merchandising facilities in conjunction with Illinois State Journal's merchandising department. This service includes: promotional letters to dealers; contacting of dealers and distributors; making of comparative surveys; stressing of programs to dealer's salesmen: publicity stories, program listings, and pictures in Illinois State Journal; advance announcements on air before start of series; station window or lobby displays; and cross-section survey of consumers.

REPRESENTATIVE

Sears & Ayers, Inc.

WTAX

SPRINGFIELD—EST. 1930

FREQUENCY: 1210 Kc. POWER: 100 Watts. OWNED BY: WTAX, Inc. OPERATED BY: WTAX, Inc. BUSINESS ADDRESS: 117-119 S. 5th St. PHONE: 1600-1. STUDIO ADDRESS: Same. TIME ON THE AIR: 6:30 A.M. to 11:30 P.M. NEWS SERVICE: International News Service. TRANSCRIPTION SERVICE: World Broadcasting System.

Personnel

Liquor advertising carried only after 9:00 P.M.

Full merchandising service available.

WDZ

"THE RIGHT SPOT ON YOUR DIAL"
"THIRD OLDEST STATION IN THE COUNTRY"

TUSCOLA-EST. 1920

FREQUENCY: 1020 Kc. POWER: 250 Watts. OWNED BY: WDZ Broadcasting Co. OPERATED BY: WDZ Broadcasting Co. BUSINESS ADDRESS: Star Bldg. PHONE: 98 and 153. STUDIO ADDRESS: Star Bldg.; 8 Main St., Champaign: Victory Bldg., Mattoon. TRANSMITTER LOCATION: 2½ miles N. E. of Tuscola. TIME ON THE AIR: 6:00 A.M. to sundown. NEWS SERVICE: United Press. MAINTAINS ARTISTS' BUREAU. TRANSCRIPTION SERVICE: Standard Radio

Personnel

PresidentE. L. Bill
Station and Sales ManagerClair B. Hull
Artists' Bureau HeadFran Booton
Chief Announcer Emerson Russell
Publicity Director Emerson Russell
Musical DirectorTed Cox
Traffic ManagerRuth Moore
Chief Engineer

POLICIES

Advertising of alcoholic beverages not accepted excepting beer.

Merchandising: Assistance is offered advertisers in the form of surveys, window cards, etc.

REPRESENTATIVE

C. C. Caley

WILL

"WHERE ILLINI LABOR AND LEARN"

URBANA—EST. 1922

FREQUENCY: 580 Kc. POWER: 1000 Watts (C P. 5000 Watts). OWNED BY: University of Illinois. OPERATED BY: Same. BUSINESS ADDRESS: Urbana. PHONE: 7-2616—7-2400. STUDIO ADDRESS: 400 S. Wright. TRANSMITTER LOCATION: S. First St. Road, Champaign. TIME ON THE AIR: 7:30 A.M. to local sunset (except Sunday). NEWSPAPER AFFILIATION: The Daily Illini. NEWS SERVICE: Associated Press. MAINTAINS ARTISTS' BUREAU. TRANSCRIPTION SERVICES: Lang-Worth.

Personnel

President	Jos.	F.	Wright,	Director
Artists' Bureau	Head		F. E.	Schooley
Program Direct	or	F1	ank E.	Schooley
Publicity Direct	tor		. Art W	lldhagen'

POLICIES
Station does not sell time.

INDIANA

Population 3,474,000

Number of Families 934,000 Retail Sales \$780,508,000 Number of Radio Homes 816,800 Auto Registrations 813,000

WHBU

ANDERSON—EST. 1925

FREQUENCY: 1210 Kc. POWER: 250 Watts, d.: 100 Watts, n. OWNED BY: Anderson Broadcasting Corp. OPERATED BY: Anderson Broadcasting Corp. BUSINESS ADDRESS: Citizens Bank Bldg. PHONE: 234. STUDIO ADDRESS: Citizens Bank Bldg. TRANSMITTER LOCATION: Citizens Bank Bldg. TIME ON THE AIR: 6:00 A.M. to 10:30 P.M. NEWS SERVICE: International News Service. TRANSCRIPTION SERVICE: Associated Recorded Program Service.

Personnel

President	. L.	M.	Kennett
Station Manager	. L.	M.	Kennett
Commercial Manager		L. I	Podhaski
Chief Announcer	Wa	yne	Reeves
Sales Manager		T. I	odhaski

POLICIES

Does not accept any beer, wine or liquor advertising.

REPRESENTATIVE

Burn-Smith Co.

WTRC

"THE DAILY TRUTH" ELKHART—EST. 1931

FREQUENCY: 1310 Kc. POWER: 250 Watts, d.: 100 Watts, n. OWNED BY: Truth Pub. Co. OPERATED BY: Elkhart Daily Truth. BUSI-NESS ADDRESS: Hotel Elkhart. PHONE: 999. STUDIO ADDRESS: Hotel Elkhart. TRANSMITTER LOCATION: Junction Mishawaka Road and Route 19 TIME ON THE AIR: (daily) 6:30 A.M. to 9:30 P.M.: (Sunday) 11:00 A.M. to 9:00 P.M. NEWSPAPER AFFILIATION: Elkhart Daily Truth NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: NBC Thesaurus, World Broadcasting System, Standard Radio.

Personnel

President	Greenleaf
General ManagerR.	R. Baker
Studio DirectorCarl	Schrock
Musical DirectorEth	nel Geiss
Chief EngineerKenneth	Singleton

POLICIES

Hard liquor advertising not accepted.

Complete merchandising service for clients, local or national, in Elkhart gratis, and throughout WTRC territory (primary area) at slight additional cost.

REPRESENTATIVE

Tenney, Woodward & Co.

WEOA

"THE STATION WITH MANY FRIENDS" EVANSVILLE—EST. 1936

COLUMBIA BROADCASTING SYSTEM FREQUENCY: 1370 Kc. POWER: 250 Watts, d.; 100 watts, n. OWNED BY: Evansville on the Air, Inc. OPERATED BY: Same. BUSINESS ADDRESS: 519 Vine St. PHONE: 2-1171. STUDIO ADDRESS: 519 June St., Memorial Coliseum, Evansville College. TRANSMITTER LOCATION: 519 Vine St. TIME ON THE AIR: 7:00 A.M. to 12:00 P.M. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: World Broadcasting System, C. P. MacGregor.

Personnel

Station Manager	Mo	rtin	L.	Leich
Program Director		P	αt	Roper
General Manager	Cl	aren	се	Leich
Chief EngineerJohn	В.	Cara	w	ıy. Jr.

POLICIES

Station does not accept hard liquor advertising but does accept beer advertising. All copy must conform to standards of good taste and ethics.

Merchandising: Pre-announcements are given on the air. Local outlets of product advertised are notified by telephone or letter. Window and counter displays are arranged and checked if client so desires. These services are performed without charge, except when client wishes an unusual amount of special work, in which case services are performed at cost. In addition, program publicity stories are carried in weekly house organ with 10,000 circulation and station has window on prominent downtown corner available without charge for displays for a period of time depending upon the length and amount of contract.

REPRESENTATIVE

Weed & Co.

WGBF

"THE STATION WITH MANY FRIENDS"

EVANSVILLE—EST. 1923

NBC (Red and Blue)

FREQUENCY: 630 Kc. POWER: 1000 Watts, d.; 500 Watts, n. OWNED BY: Evansville on the Air, Inc. OPERATED BY: Same. BUSINESS ADDRESS: 519 Vine St.; Memorial Coliseum, Evansville College. TRANSMITTER LOCATION: 8 miles north of Evansville. TIME ON THE AIR: 6:00 A.M. to 7:00 P.M., daily: 8:30 to midnight, Mondays; 7:00 to midnight, Friday and Sunday; and 8:00 P.M. to midnight. Saturdays. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: World Broadcasting System.

Personnel

General ManagerClarence	Leich
Program DirectorPat I	Roper
Chief EngineerFay G	ehres

POLICIES

Station does not accept hard liquor advertising but does accept beer advertising. All copy must conform to standards of good taste and ethics.

Merchandising: Pre-announcements are given on the air; publicity stories are inserted in house organ with 10,000 weekly circulation;

Looking for information?

Fort Wayne, Indiana

will gladly send you

"A HALF MILLION GOOD MORNINGS"

Describing an ideal program for reaching

The WOWO Family of

545,890 Radio Homes

through

INDIANA'S MOST POWERFUL RADIO STATION

1160 Kc. Clear Channel 10,000 Watts NBC Basic Blue

National Representatives FREE & PETERS, INC. window display is given in prominent downtown corner window depending on length and amount of contract. Local outlets of product advertised are notified by telephone or letter; window and counter displays are arranged and checked. All these services are performed without charge except when an unusual amount of expense is involved, in which case services are performed at cost.

REPRESENTATIVE

Weed & Co.

WGL

"FORT WAYNE'S METROPOLITAN STATION"

FORT WAYNE—EST. 1924

(SUPPLEMENTARY BASIC RED AND BLUE)
FREQUENCY: 1370 Kc. POWER: 250 wa(ts, d.; 100 watts, n. OWNED BY: Westinghouse Radio Stations, Inc. OPERATED BY: Westinghouse Radio Stations, Inc. BUSINESS ADDRESS: 925 S. Harrison. PHONE: Anthony 2136-7. STUDIO ADDRESS: Westinghouse Bldg. TRANSMITTER LOCATION: Keenan Hotel. TIME ON THE AIR: 6:30 A.M. to midnight. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: NBC Thesaurus. MAINTAINS ARTISTS BUREAU

Personnel

General Manager
Station Manager
Sales Manager Ford Billings
AuditorJ. B. Conley
Program Director
Musical DirectorJeane Brown
Chief EngineerFred C Fischer

POLICIES

Station does not accept hard liquor advertising. Population being 95% native white population—foreign language programs are not popular in this territory.

Operates merchandising department in connection with sales promotion department, equipped to make reasonable surveys for advertiser. Consistent air publicity and reasonable other publicity given all programs.

REPRESENTATIVE

Free & Peters, Inc.

WOWO

"INDIANA'S MOST POWERFUL BROAD-CASTING STATION"

FORT WAYNE—EST. 1925

(BASIC BLUE)

FREQUENCY: 1160 Kc. POWER: 10.000 watts. OWNED BY: Westinghouse Radio Stations, Inc. OPERATED BY: Westinghouse Radio Stations, Inc. BUSINESS ADDRESS: 925 S. Harrison, Westinghouse Building. PHONE: Anthony 2136-7. STUDIO ADDRESS: Westinghouse Bldg. TRANSMITTER LOCATION: Intersection Routes 2 and 30 R. R. Fort Wayne. TIME ON THE AIR: 6:45 A.M. to local sunset:

shares evening time with WWVA, NEWS SER-VICE: United Press, TRANSCRIPTION SER-VICE: NBC Thesaurus, MAINTAINS ARTISTS' BURFAU.

Personnel

General Manager	Walter Evans
Station Manager	W. C. Swartley
Sales Manager	Ford Billings
Program Manager	Franklin Tooke
Auditor	J. B. Conley
Musical Director	Jeane Brown
Chief Engineer	Fred C. Fischer

POLICIES

Station accepts no hard liquor advertising. Does not encourage foreign language programs due to high percentage of native born population in station's coverage area. All copy subject to the NBC and Westinghouse standards of ethics, propriety, and FCC qualifications.

Publicity on programs is sent to more than 100 newspapers weekly; also to special farm publications, weekly theater publications and others. Both local newspapers carry daily schedule listings.

Complete merchandise service is available at nominal cost. Includes distribution, by Western Union messenger, all advertising material or advertiser's product to retailers or wholesalers in city; letters to dealers in territory regarding the broadcasting; cooperation with wholesalers in effecting distribution in territory covered by this station.

Air publicity on all commercial programs is given at intervals throughout every broadcast day.

REPRESENTATIVE

Free & Peters, Inc.

WIND

GARY—EST. 1927

CBS

FREQUENCY: 560 Kc. POWER: 5000 Watts, d.; 1000 Watts, n. OWNED BY: Johnson-Kennedy Radio Corp. OPERATED BY: Johnson-Kennedy Radio Corp. BUSINESS ADDRESS: 504 Broadway. PHONE: Gary 9191. NATION-AL ADVERTISING OFFICE: 201 N. Wells St., Chicago, Ill. PHONE: State 4176. STUDIO ADDRESS: 504 Broadway. TRANSMITTER LOCATION: Gary. TIME ON THE AIR: Sunday, 7:00 A.M. to 4:00 A.M.; Week Days, 6:00 A.M. to 4:00 A.M. TRANSCRIPTION SERVICE: C. P. MacGregor, Titan, Associated, Standard Radio.

Personnel

President	 Ralph L. Atlass
Manager	 E. S. Mittendorf
Sales Manager	 John T. Carey

POLICIES

Advertising of alcoholic beverages accepted.

REPRESENTATIVE

William G. Rambeau Co.

WHIP

HAMMOND-EST, 1937

FREQUENCY: 1480 Kc. POWER: 5000 Watts. OWNED BY: Hammond-Calumet Broadcasting Co. OPERATED BY: Same. BUSINESS ADDRESS: 5935 Hohman Ave. PHONE: Hammond 10000 SALES OFFICE ADDRESS: 520 N. Michigan Ave., Chicago, Ill. PHONE: Superior 5200. STUDIO ADDRESS: 5935 Hohman Ave. TRANSMITTER LOCATION: Outside of Hammond. TIME ON THE AIR: 6:00 A.M. to local sunset (at Buffalo, N. Y.). NEWSPAPER AFFILIATION: Lake County (Ind.) Times. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: Associated.

Personnel

President-General Manager George F. Courrier
Managing Director Doris Keane
Business Manager O. E. Richardson
Manager Hal R. Makelim
Musical DirectorReinhardt Elster

WWAE

HAMMOND

FREQUENCY: 1200 Kc. POWER: 100 Watts. OWNED BY: Hammond-Calumet Broadcasting Corp. OPERATED BY: Hammond-Calumet Broadcasting Corp. BUSINESS ADDRESS: 5935 Hohman Ave., Chicago, Ill. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Hammond. TIME ON THE AIR: Shares time with WFAM. NEWSPAPER AFFILIATION: Lake County (Ind.) Times. TRANSCRIPTION SERVICE: Associated.

Personnel

President	. George	F.	Courrier
Managing Director		Dori	s Keane

POLICIES

Advertising of alcoholic beverages not accepted, excepting beer and wine.

WFBM

"AT THE CROSSROADS OF AMERICA"

INDIANAPOLIS—EST. 1924

COLUMBIA BROADCASTING SYSTEM FREQUENCY: 1230 Kc. POWER: 5000 watts, d.: 1000 watts, n. OWNED BY: Indianapolis Power & Light Co. OPERATED BY: Indianapolis Power & Light Co. BUSINESS ADDRESS: 48 Monument Circle. PHONE: Lincoln 8506. STUDIO ADDRESS: 48 Monument Circle. TRANSMITTER LOCATION: Millersville Road. TIME ON THE AIR: 6:30 A.M. to 12:15 A.M. NEWS SERVICE: International News Service. TRANSCRIPTION SERVICE: Standard Radio Library, Associated Music Pub.

Personnel

President H. T. Pritchard
Station ManagerR. E. Blossom
Program Director F. O. Sharp

POLICIES

No liquor advertising accepted.

REPRESENTATIVE

Edward Petry & Co., Inc.

"INDIANA'S FRIENDLY STATION"

INDIANAPOLIS-EST, 1938

FREQUENCY: 1050 Kc. POWER: 1000 Watts. OWNED BY: Indiana Broadcasting Corp. OP-ERATED BY: Indiana Broadcasting Corp. BUSI-NESS ADDRESS: 350 N. Meridian St. PHONE: Lincoln 2305. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Millersville Road. TIME ON THE AIR: 6:00 A.M. to local sunset. NEWS SERVICE: United Press. MAINTAINS ARTISTS' BUREAU. TRANSCRIPTION SER-VICE: NBC Thesaurus.

Personnel

General Manager
Program DirectorRobert Longwell
Chief Announcer
Chief EngineerVern Alston

POLICIES

Advertising of alcoholic beverages not accepted, excepting beer and wine. Medical accounts must meet specifications of FTC. No foreign language programs.

Merchandising: Station maintains department to exploit new commercial programs; will cooperate in preparation of direct-mail, window cards, posters, etc., at actual cost of production.

WIRE

INDIANAPOLIS—EST. 1926

NATIONAL BROADCASTING CO .-- MUTUAL FREQUENCY: 1400 Kc. POWER: 5,000 watts, d.; 1,000 watts, n. OWNED BY Indianapolis Broadcasting Co., Inc. BUSINESS ADDRESS: 540 N. Meridian. PHONE: RI-4471-2-3. STUDIO ADDRESS: 540 N. Meridian. TRANSMITTER LOCATION: Ralston Road. TIME ON THE AIR: 6:30 A.M. to 12:00 midnight (daily) 8:00 AM. to 12:00 midnight (Sunday). NEWS AF-FILIATION: Central Newspapers, Inc. NEWS SERVICE: United Press. MAINTAINS ARTISTS' BUREAU. TRANSCRIPTION SERVICES: World Broadcasting System, C. P. MacGregor.

Personnel

General Manage	Eugene C. Puliam er R. E. Bausman urer N G. Mason
Merchandising	
Merchandising	
	Lawrence O. Hammer
Artists Bureau	Head Morris Hicks
Chief Announce	erMorris Hicks
Publicity Directo	orEugene S. Pulliam
Musical Director	
Chief Engineer.	Earl W. Lewis

POLICIES

Station reserves the right to reject any advertising which it regards as objectionable.

Maintains a well-staffed merchandising department which affords aggressive cooperation with all sponsors requesting local merchandising assistance.

REPRESENTATIVE

The Katz Agency

"THE FRIENDLY VOICE OF THE TYPICAL AMERICAN CITY"

MUNCIE—EST. 1926

FREQUENCY: 1310 Kc. POWER: 250 watts. d.; 100 watts, n. OWNED BY: Donald A. OPERATED BY: Donald A. Burton. Burton. BUSINESS ADDRESS: 8 Anthony PHONE: 5411-2. STUDIO ADDRESS: 8 Anthony Bldg. TRANSMITTER LOCATION: 8 Anthony Bldg. TIME ON THE AIR: 5:30 A.M. to 11:30 P.M. NEWS SERVICES: United Press and local news department. MAINTAINS ART-ISTS' BUREAU. TRANSCRIPTION SERVICE: World Broadcasting System.

Personnel

Owner	.Donald A. Burton
Commercial Manager	Wm. F. Craig
Artists Bureau Head	D. A. Russell
Chief Announcer	Bob Ebert
Station Manager	. Donald A. Burton
Sales Manager	Wm. F. Craig
Publicity Director	
Musical Director	
Chief Engineer	Maurice Crain

POLICIES

Station reserves right to accept or reject liquor and foreign language programs and regulate advertising commercial copy.

Maintains full-time merchandising director and merchandising department.

REPRESENTATIVE

Radio Time Sales (Chicago) Sears & Ayer (New York)

"THE GEORGE ROGERS CLARK STATION"

NEW ALBANY—EST. 1936

FREQUENCY: 1370 Kc. POWER: 250 watts. OWNED BY: Northside Broadcasting Corp. OPERATED BY: Northside Broadcasting Corp. BUSINESS ADDRESS: Indiana Theatre Bldg. PHONE: Wabash 3343 STUDIO ADDRESS: Indiana Theater Bldg.; Kentucky Home Life Bldg., Louisville: Jeffersonville. TRANSMITTER LOCATION: McCulloch Pike. TIME ON THE AIR: 7:00 A.M. to local sunset. NEWS SERVICE: International News Service. MAIN-TAINS ARTISTS' BUREAU. TRANSCRIPTION SERVICE: Standard Radio, C. P. MacGregor, Associated.

Personnel

President and Manager.	Charles Lee Harris
Commercial Manager	J. Porter Smith
Advertising Manager	Robert J. McIntosh
Artists Bureau Head	Robert J. McIntosh
Chief Announcer	. William N. Sherman
Musical Director	Rosalind Brown
Chief Engineer	Jack Gardner

POLICIES

Take all foreign language programs if they meet approval of F. T. C. and F. C. C.. Take beer and wine—no liquor.

Merchandising: Station maintains department contacting jobbers and distributors for advertisers and assisting in all types of sales promotion.

WKBV

RICHMOND-EST. 1926

FREQUENCY: 1500 Kc. POWER: 100 Watts. OWNED BY: Knox Radio Corp. OPERATED BY: Knox Radio Corp. STUDIO ADDRESS: Seventh and Main. TRANSMITTER LOCATION: North of Richmond. TIME ON THE AIR: Full time license. TRANSCRIPTION SERVICE: Lang-Worth.

Personnel

WFAM

SOUTH BEND—EST, 1922

COLUMBIA BROADCASTING SYSTEM FREQUENCY: 1200 Kc. Power: 100 watts. OWNED BY: South Bend Tribune. OPERATED BY: South Bend Tribune. BUSINESS ADDRESS: Colfax and Lafayette Sts. PHONE: 3-6161. STUDIO ADDRESS: Colfax and Lafayette Sts. TRANSMITTER LOCATION: One-half mile west of city limits on U. S. No. 2. TIME ON THE AIR: (daily) 7:00 A.M. to 12:00 noon and 3:30 P.M. to 8:00 P.M.; (Sunday) 8:00 A.M. to 5:00 P.M. NEWSPAPER AFFILIATION: South Bend Tribune. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: Associated Library.

Personnel

President	F.	A.	Miller
Station Manager	ranklin	D.	Schurz
Commercial Manager	R.	H.	Swintz
Chief Announcer	Re	ober	t Drain
Publicity Director	Mary	Sto	ckdale
Musical Director	Har	lan	Hogan
Chief Engineer		H	l. Cole

POLICIES

Advertising of alcoholic beverages not accepted, excepting beer and wine. Station accepts both Polish and Hungarian programs.

REPRESENTATIVE

Paul H. Raymer Company

WSBT

SOUTH BEND-EST, 1922

COLUMBIA BROADCASTING SYSTEM FREQUENCY: 1360 Kc. POWER: 500 watts. OWNED BY: South Bend Tribune. OPERATED BY: South Bend Tribune. BUSINESS ADDRESS: Coliax & Lafayette Sts. PHONE: 3-6161. STUDIO ADDRESS: Coliax & Lafayette Sts. TIME ON THE AIR: (daily) 12:00-3:30 P.M. and 8:00 P.M. to midnight; (Sunday) 5:00 P.M. to 11:00 P.M. NEWSPAPER AFFILIATION: South Bend Tribune. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: Associated Library.

Personnel

President	F.	A.	Miller
Station ManagerFra	nklin	D.	Schurz
Commercial Manager	R.	H.	Swintz
Chief Announcer	R	ober	t Drain
Publicity Director	Mary	Sto	ckdale
Musical Director	Harl	lαn	Hogan
Chief Engineer		H	l. Cole

POLICIES

Advertising of alcoholic beverages not accepted, excepting beer and wine. Station accepts both Polish and Hungarian programs.

REPRESENTATIVE

Paul H. Raymer Company

W B O W

"THE FRIENDLY STATION"

TERRE HAUTE—EST, 1926

NBC (RED and BLUE)

FREQUENCY: 1310 Kc. POWER: 250 Watts, d.: 100 watts, n. OWNED BY: Banks of Wabash, Inc. OPERATED BY: Banks of Wabash, Inc. OPERATED BY: Banks of Wabash, Inc. BUSINESS ADDRESS: 303 S. 6th S. PHONE: Crawford 3394. STUDIO ADDRESS: 6th & Ohio. TRANSMITTER LOCATION: 25th St. & Dimmick. TIME ON THE A'R: 6:00 A.M. to 12:00 midnight. NEWS SERVICE: International News. MAINTAINS THE WABASH ARTISTS' BUREAU. TRANSCRIPTION SERVICE: NBC Thesqurus.

Personnel

President
Vice-President and
General ManagerW. W. Behrman
Assistant ManagerLuke Walton
Auditor
Artists' Bureau HeadRalph Tucker
Chief Announcer
Musical DirectorLeo Baxter
Chief Engineer Stokes Gresham, Jr.

POLICIES

Advertising of alcoholic beverages not accepted, excepting beer and wine. Does not solicit foreign language accounts.

Merchandising: Station has direct access to a series of downtown billboards to advertise programs for sponsors; chain and individually owned drug and grocery stores cooperate with merchandising department with display, stock and counter cards.

> REPRESENTATIVE Weed & Co.

WBAA

"THE VOICE OF PURDUE"

WEST LAFAYETTE-EST, 1922

FREQUENCY: 890 Kc. POWER: 1000 watts.
OWNED BY: Purdue University. OPERATED
BY: Purdue University. BUSINESS ADDRESS:
West Lafayette. PHONE: 6076. STUDIO AD-

DRESS: Electrical Engineering Bldg. TRANS-MITTER LOCATION: Electrical Engineering Bldg. TIME ON THE AIR: 11:00 A.M. to 5:00 P.M. (Mon., Tues., Wed., Thurs., Fri.); 11:00 A.M. to 4:00 P.M. (Saturday).

Personnel

POLICIES

An educational, non-commercial station and programs are restricted to educational features.

AWOI

Population 2,552,000

Number of Families 680,000 Retail Sales \$650,029,000 Number of Radio Homes 577,800
Auto Registrations 656,000

W O I

AMES-EST, 1921 (as 9YI)

FREQUENCY: 640 Kc. POWER: 5000 Watts. OWNED BY: Iowa State College. OPERATED BY: Iowa State College. BUSINESS ADDRESS: Ames. PHONE: 2500. STUDIO ADDRESS: Ames. TRANSMITTER LOCATION: Ames. TIME ON THE AIR: 6:30 a.m. to local sunset. NEWS SERVICE: United Press.

Personnel

Director W. I. Griffith
Assistant Director A. G. Woolfries
Chief AnnouncerRobert Miles
Musical DirectorTolbert McRae
Chief Engineer

POLICIES

WOI is owned and operated as a part of Iowa State College from funds arising from taxation. For this reason no commercial accounts are solicited or carried.

K F G Q

FREQUENCY: 1370 Kc. POWER: 100 Watts. OWNED BY: Boone Biblical College. OPERATED BY: Boone Biblical College. BUSINESS ADDRESS: Boone, Ia. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: Specified hours during daytime.

POLICIES

Station does not sell time.

WMT

"WMT-DAYTIME-IS IOWA'S LARGEST STATION"

CEDAR RAPIDS, WATERLOO— EST. 1922

NBC (BLUE)—MUTUAL—IOWA BROADCAST-ING SYSTEM

FREQUENCY: 600 Kc. POWER: 5,000 Watts, d.; 1,000 Watts, n. OWNED BY: Iowa Broadcasting Co. OPERATED BY: Same. BUSI-NESS ADDRESS: Paramount Bldg., Cedar Rapids-Russell Lamson Hotel, Waterloo. PHONE: Cedar Rapids 6127, Waterloo 236. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Marion. TIME ON THE AIR: 5:30 A.M. to 12:00 midnight. NEWSPAPER AFFILIATION: Des Moines Register and NEWS SERVICE: United Press. Tribune. TRANSCRIPTION SERVICE: World Broadcasting System, NAB Library.

Personnel

W. B. Quarton (Cedar Rapids)
Commercial Manager ... Don Inman (Waterloo)
Program Director Douglas B. Grant
Merchandising Director Leo F. Cole
Publicity Director Ray Cox
Chief Engineer Charles F. Quentin

POLICIES

Does not accept liquor advertising.

Merchandising: Publicity stories and pictures in the radio columns of the Des Moines Register and Tribune (circulation 282,131) and Sunday Register (circulation 318,192).

Personal calls on the principal retail out-

lets by a member of department soliciting their cooperation and urging them to tle-up the radio program with their regular routine advertising.

Placement of counter cards and suitable display material in principal retail outlets stocking the product.

Publicity on movie trailers with sound track in all the principal theaters in Waterloo, Cedar Falls, and Cedar Rapids, as well as, a number of small theaters in our area.

Upon request from the advertiser WMT will make distribution check ups, sales check ups, etc.

A window display may be installed in the reception lobby for a period of ten days provided the advertiser furnishes the necessary display material.

General merchandising bulletins of advertised products are frequently sent to 600 grocers and approximately 300 druggists in our immediate territory.

Any further merchandising services desired by the advertiser may be arranged for; no charges for any of the aforementioned services rendered. However, in some cases advertisers desire to have a special mailing piece or circulars prepared which will be done, providing the advertiser assumes the cost of postage, mimeographing, printing, stationery, etc.

REPRESENTATIVE

The Katz Agency

WOC

"THE STATE WHERE THE WEST BEGINS AND WHERE THE TALL CORN GROWS"

DAVENPORT—EST. 1922 COLUMBIA BROADCASTING SYSTEM

FREQUENCY: 1370 Kc. POWER: 250 Watts, d.; 100 Watts, n. OWNED BY: Tri City Broadcasting Co. OPERATED BY: Same. BUSINESS ADDRESS: 1000 Brady St. PHONE: 3521. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 6:00 A.M. to midnight; Sunday, 9:00 A.M. to 12:00 midnight. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: World Broadcasting System. Associated.

Personnel

President	Col.	В.	J.	Palmer
Vice-President		Dα	ve	Palmer
Commercial Manager		Ber	F	Hovel
Merchandising Manager	. J. I	Neff	W	ells, Jr.
Program Director	J.	Ne	il l	Reagan
Chief Engineer	I	Ηατ	old	Higb y

POLICIES

No stated special policies.

Merchandising: Full merchandising co-operation through local newspaper help and Iocal theater trailer; dealer and retail contacts; distribution of display material; mailing of circular letters (postage cost to be paid by advertiser).

REPRESENTATIVE

Free & Peters, Inc.

K G C A

FREQUENCY: 1270 Kc. POWER: 100 Watts. OWNED BY: Charles Walter Greenley. OPERATED BY: Charles Walter Greenley. BUSINESS ADDRESS: Decorah. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: Shares daytime with KWLC.

POLICIES

Non-commercial station.

KWLC

"THE LUTHERAN COLLEGE OF THE AIR"

DECORAH-EST. 1926

FREQUENCY: 1270 Kc. POWER: 100 watts. OWNED BY: Luther College. OPERATED BY: Luther College. BUSINESS ADDRESS: Luther College. PHONE: 690. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Dormitory. TIME ON THE AIR: 7:30 A.M. to 3:30 P.M. (part-time).

Personnel

Chief Announcer	Norman Bredesen
Station Manager	O. Eittreim
Publicity Director	W. L. Strunk

POLICIES

Non-commercial station.

KRNT

DES MOINES-EST. 1935

CBS—IOWA BROADCASTING SYSTEM FREQUENCY: 1320 Kc. POWER: 5000 Watts, d.; 1000 Watts, n. OWNED BY: Iowa Broadcasting Co. OPERATED BY: Iowa Broadcasting Co. BUSINESS ADDRESS: Des Moines Register & Tribune Bldg. PHONE: Des Moines 3-2111. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: North of Des Moines. TIME ON THE AIR: 18½ hours daily. NEWS-PAPER AFFILIATION: Des Moines Register & Tribune. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: Standard Radio.

Personnel

President
General ManagerLuther L. Hill
Assistant General Manager and
Commercial ManagerCraig Lawrence
Program Director Ed Linehan
Sales Promotion ManagerWayne Welch
Chief EngineerPaul Huntsinger

POLICIES

Merchandising mediums include street car cards, full showing of billboards in Des Moines, regular bulletins to grocers and druggists, personal calls on trade, stories and pictures daily in Des Moines Register & Tribune.

REPRESENTATIVE

The Katz Agency

K S O

"ALWAYS A GOOD SHOW ON KSO"

DES MOINES—EST. 1932

NBC (BLUE)—MBS—IOWA NETWORK FREQUENCY: 1430 Kc. POWER: 5000 Watts-d., 1000 Watts-n. OWNED BY: The lowa Broadcasting Co., subsidiary of the Des Moines Register and Tribune. OPERATED BY: Same. BUSINESS ADDRESS: Reg. & Trib. Bldg. PHONE: 3-2111. STUDIO ADDRESS: Reg. & Trib. Bldg. TRANSMITTER LOCATION: 6 miles north of town. TIME ON THE AIR: (daily) 6:30 a.m. to 1:00 a.m., (Sunday) 7:00 a.m. to 1:00 a.m. NEWSPAPER AFFILIATION: Des Moines Register & Tribune. NEWS SERVICE: United Press, International News Service. MAINTAINS ARTISTS' BUREAU. TRANSCRIPTION SERVICES: Standard Radio and NAB Library.

Personnel

President
General ManagerLuther Hill
Assistant General and Commercial ManagerCraig Lawrence
Program DirectorEd Linehan
Sales Promotion ManagerWayne Welch
Chief EngineerPaul Huntsinger

POLICIES

Does not accept liquor advertising; no occasion to accept or reject foreign language accounts. Other restrictions according to NAB code.

Merchandising mediums include street car cards, full showing of billboards in Des Moines, regular bulletins to grocers and druggists, personal calls on trade and stores and pictures daily in Des Moines Register & Tribune.

REPRESENTATIVE

The Katz Agency

W H O

"VOICE OF THE MIDDLE WEST"

DES MOINES-EST. 1924

NBC—CORN BELT WIRELESS GROUP FREQUENCY: 1000 Kc. POWER: 50000 Watts. OWNED BY: Central Broadcasting Co. OPERATED BY: Same. BUSINESS ADDRESS: 914 Walnut St. PHONE: 3-7147. TRANSMITTER LOCATION: Mitchellville. TIME ON THE AIR: 6:00 A.M. to 1:00 A.M.; Sundays, 8:00 A.M. to 12:00 midnight. MAINTAINS ARTISTS' BU-REAU. NEWS SERVICE: United Press and Transradio Press. TRANSCRIPTION SERVICE: NBC Thesaurus

Personnel

President	. Col. B. J. Palmer
V.P. & Treasurer	D. D. Palmer
Secretary	William Brandon
V-P & Station Manager	J. O. Maland
Artists' Bureau Head	
Sales Manager	
Publicity Director	Woody Woods
Program Director	
Technical Director	Paul A. Loyet

POLICIES

Advertising of alcoholic beverages not accepted.

Merchandising services of the station staff will be furnished for spot broadcasting schedules without additional charge, except for cash expenditures which are paid by advertiser

REPRESENTATIVE

Free & Peters, Inc.

KDTH*

DUBUQUE-EST, 1937

FREQUENCY: 1340 Kc. POWER: 500 Watts. OWNED BY: Telegraph Herald. OPERATED BY: Telegraph Herald. BUSINESS ADDRESS: Eighth Ave. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Not determined. TIME ON THE AIR: Daytime. NEWS AFFILIATION: Dubuque Telegraph Herald.

Personnel

Not selected at press time.

POLICIES

Liquor advertising will not be accepted. Other policies not determined at present time.

REPRESENTATIVE

William J. Arndt

*C.P. by FCC (issue being determined by Court of Appeals, Washington, D. C.)

WKBB

DUBUQUE-EST. 1933

COLUMBIA BROADCASTING SYSTEM FREQUENCY: 1500 Kc. POWER: 250 Wattsd., 100 Wattsn. OWNED BY: Sanders Bros. Radio Station. OPERATED BY: Sanders Bros. Radio Station. BUSINESS ADDRESS: Hotel Julien. PHONE: Dubuque 572, East Dubuque 145. STUDIO ADDRESS: Hotel Julien. TRANSMITTER LOCATION: East Dubuque, Ill. TIME ON THE AIR: 6:30 A.M. to Midnight (daily), 8:00 a.m. to Midnight (Sun-

day). NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: World Broadcasting System, C. P. MacGregor.

Personnel

President	Walter E. Klauer
Station Manager	James D. Carpenter
Chief Announcer	Vaughn Gayman
Publicity Director	A. L. Link
Musical Director	M. K. Galliart
Chief Engineer	Leonard Carlson

POLICIES

Advertising of alcoholic beverages not accepted, excepting beer and wine.

Merchandising includes regular mailing to list of grocers and druggists.

WSUI

IOWA CITY—EST. Code—1911— Broadcast—1919

FREQUENCY: 880 Kc. POWER: 1000 watts, d.; 500 watts, n. OWNED BY: State Univ. of Iowa. OPERATED BY: State Univ. of Iowa. BUSINESS ADDRESS: Iowa City. PHONE: University 237-8162. STUDIO ADDRESS: Iowa City. TRANSMITTER LOCATION: Iowa City. TIME ON THE AIR: 8:30 A.M. to I0:00 P.M. NEWS SERVICE: Associated Press. TRANSCRIPTION SERVICE: Usual facilities.

Personnel

Chairman Radio BoardBruce	» Е.	Mahan
Station DirectorCar	Н.	Menzer
Program DirectorPearl	В.	Broxam
Production Manager		

POLICIES

Station WSUI is non-commercial station owned and operated by State University of Iowa. This station engages in no advertising or commercial broadcasting.

KFJB

"IN THE HEART OF IOWA" MARSHALLTOWN—EST. 1923

FREQUENCY: 1200 Kc. POWER: 250 Watts, d.: 100 Watts, n. OWNED BY: Marshall Electric Co. OPERATED BY: Marshall Electric Co. OPERATED BY: Marshall Electric Co. BUSINESS ADDRESS: 1603 W. Main St. PHONE: 3361. STUDIO ADDRESS: 1603 W. Main St. TRANSMITTER LOCATION: 2 miles northwest of town. TIME ON THE AIR: 6:00 A.M. to 9:00 P.M. (daily): 11:00 to 7:00 P.M. (Sunday). NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: C. P. MacGregor.

Personnel

President ar	nd Station	Manager	.Earl Peak
Advertising	Manager.		C. Leinhaus
Chief Annou	ıncer		Bob Weitzel
Publicity Dir	ector	Ro	bert Dobbin

Program	DirectorO. L. F	Russell
Musical	DirectorPaul 2	Ziegler
Chief En	gineer	Peak

POLICIES

No hard liquor. No foreign language. Cooperation with local merchants on publicizing on nationally advertised merchandise.

KGLO

MASON CITY-EST, 1937

COLUMBIA BROADCASTING SYSTEM

FREQUENCY: 1210 Kc. POWER: 250 watts. d.; 100 watts, n. OWNED BY: Mason City Globe Gazette Co. OPERATED BY: Mason City Globe Gazette Co. BUSINESS ADDRESS: Hotel Hanford. PHONE: 2800. STUDIO AD-DRESS: Hotel Hanford. TRANSMITTER LO-CATION: 2 miles west of M. C. on Highway 18. TIME ON THE AIR: 6:00 A.M. to 12:00 P.M. (daily); 7:00 A.M. to 12:00 P.M. (Sunday). NEWSPAPER AFFILIATION: Mason City Globe-Gazette. NEWS SERVICES: United Press and Globe Gazette City Reporters and correspondents in North Iowa and Southern Minn. TRANSCRIPTION SERVICE: NBC Thesaurus, Standard Radio, and NAB Library.

Personnel

Station ManagerF. C. Eighmey
Chief Announcer
Program DirectorNick Scheel
Production ManagerJim Woods
Publicity Director
Chief EngineerLeo Born

POLICIES

Accept beer accounts; no wine or liquor advertising.

Full time merchandising man available to advertisers. Complete program log daily in Mason City Globe Gazette. Regular bulletins sent to leading grocers and druggists in North Iowa and Southern Minnesota.

REPRESENTATIVE Weed & Co.

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KFNF

"THE FRIENDLY FARMER STATION"
SHENANDOAH—EST. 1924

FREQUENCY: 890 Kc. POWER: 5000 watts, d.; 1000 watts, n. OWNED BY: KFNF, Inc. OPERATED BY: KFNF, Inc. BUSINESS ADDRESS: 407 Sycamore. PHONE: No. 1—departmental connections. STUDIO ADDRESS: 407 Sycamore St. TRANSMITTER LOCATION: 407 Sycamore St. TIME ON THE AIR: (daily) 5:30 A.M. to 4:00 P.M.; 5:00 P.M. to 9:00 P.M.; (Saturday) 5:30 A.M. to 10:00 P.M. NEWS SERVICE: International News Service. TRANSCRIPTION SERVICE: C. P. McGregor.

MORNING, NOON and NIGHT...

		The second		The second second	1.7				
	POWER	8:00 A.M. Morning I actual no.	-12:30 NOON Listeners APPROX %	100	6:00 P.M. A Listeners Approx.%	6:00 P.M. to 12 P.M. Evening Listeners ACTUAL NO. APPROX %		GRAND TOTALS	
KSCJ	5,000 Day 1,000 Nite	1,796	52 %	1,626	50%	3.321	53 %	6.743	52%
NEBRASKA B	5.000 Day 1.000 Nite	870	25 %	1,025	32%	1.873	30%	3,768	29%
S.DAKOTA C	5.000 Day 1.000 Nite	303	9%	198	6%	1520	8%	1,021	8%
NEBRASKA D	10,000 Day	202	1 %	.117	3%	282	4 %	601	4 %
MINN E	50,000 Day	48	6%	30	1 %	34	1 %	112	1%
MISCEL F		253	7%	249	8%	253	4 %	755	6 %
TOTAL		3.472	100 %	3,245	100%	6.283	100%	13.000	100%

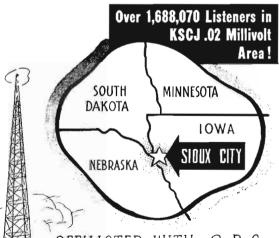
IT'S KS CT Sionx City, Iowa

QUESTIONS: "Is your radio turned on? If so, what station are you listening to?"

Day after day, throughout a five-month period in 1938, trained investigators for Midwest Consumers Research asked these questions throughout the rich, extensive KSCJ area. Every period of the day was explored, checked again and again, 38,350 calls were made. One-third of them, 13,000, were listening to their radios. And 52% of them were listening to KSCJ So valuable was this daily survey in KSCJ program planning and guidance to KSCJ advertisers that it has never been discontinued. Today it is known as the KSCJ PER-PETUAL SURVEY,..., a constant yardstick for station programming..., an amazing test-tube in determining effective advertising.

Wouldn't you like to know more about it?

KSCJ



AFFILIATED WITH C. B.S. Represented by GEORGE HOLLINGBERY C. W. CORKHILL Manager

Personnel

POLICIES

No wines, beer or liquor advertising accepted, no commercial broadcasts on Sundays. Price quoting permitted on all commercial programs, foreign language programs are being carried without restrictions of any kind. Primary regulation is to meet Federal Trade Commission rulings and general policies of good advertising taste and broadcasting practice.

Station will mail cards, letters or other mail pieces, contact local retailers or dealers, arrange displays or windows, etc. All merchandising service at cost. Also gives ample and generous advance promotion on new programs by way of its own facilities and local newspaper space.

K M A

"KEEPS MILLIONS ADVISED"
SHENANDOAH—EST. 1925

NBC—BLUE AND MUTUAL IOWA BROADCASTING SYSTEM

FREQUENCY: 930 Kc. POWER: 5000 watts, d.: 1000 watts, n. OWNED BY: Earl E. May Seed Co. OPERATED BY: Earl E. May Seed Co. BUSINESS ADDRESS: Lowell & Elm Sts. PHONE: 192. STUDIO ADDRESS: Lowell & Elm Sts. TRANSMITTER LOCATION: Shenandoah Rt. 48. TIME ON THE AIR: 5:00 A.M. to 12:00 Midnight. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: Associated Program Service.

Personnel

PresidentEarl E. May
Station ManagerJ. (Cy.) Rapp
Commercial ManagerKen Marsh
Chief AnnouncerFred Greenlee
Musical DirectorFaylon Geist
Chief EngineerRay Schroeder

POLICIES

Beer accounts handled only after 9 P.M. No liquor advertising.

Special mailing service to clients dealers. Local newspaper promotion in many county seat newspapers in KMA service area.

REPRESENTATIVE

Howard Wilson & Co.

KSCJ

"HEAR IT AS IT HAPPENS OVER KSCJ; READ IT IN THE SIOUX CITY JOURNAL"

SIOUX CITY-EST, 1927

COLUMBIA BROADCASTING SYSTEM

FREQUENCY: 1330 Kc. POWER: 5000 Watts, d.: 1000 Watts, n. OWNED BY: Perkins Bros. Co. OPERATED BY: Same. BUSINESS ADDRESS: 415 Douglas. PHONE: 57993-4-5. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: 5000 Floyd River Road. TIME ON THE AIR: 6:00 A.M. to midnight: Sunday 7:00 A.M. to midnight. NEWSPAPER AFFILIATION: Sioux City Journal. TRANSCRIPTION SERVICE: C. P. MacGregor. MAINTAINS ARTISTS' BUREAU.

Personnel

Station Manager	.C. W. Corkhill
Program Director	Bertha Reese
Studio Director	Ruth Fachman
Publicity Director	Roberta Deany
Musical Director	Bertha Reese
Chief Engineer	S. C. Dier

POLICIES

Beer and wine accounts accepted; no distilled liquors.

REPRESENTATIVE

George P. Hollingbery Co.

KTRI

SIOUX CITY—EST, 1938

FREQUENCY: 1420 Kc. POWER: 250 Watts, d.: 100 Watts, n. OWNED BY: Sioux City Broadcasting Co. OPERATED BY: Dietrich Dirks and The Tribune Co. BUSINESS ADDRESS: Commerce Bldg., 6th & Nebraska Sts. PHONE: 8-0165. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 6:00 A.M. to midnight. NEWSPAPER AFFILIATION: The Sioux City Tribune. NEWS SERVICE: United Press. MAINTAINS ARTISTS' BUREAU. TRANSCRIPTION SERVICE: Standard Radio.

Personnel

PresidentEugene Kelly
General ManagerDietrich Dirks
Program DirectorBill Tredway
Commercial ManagerRay Jensen
Chief Engineer

POLICIES

Complete merchandising facilities available at actual cost.

KANSAS

Population 1,864,000

Number of Families 501,000

Number of Radio Homes 367,800

Retail Sales \$448,261,000

Auto Registrations 495,000

KFBI

"POLICIES THAT PROTECT"

ABILENE-EST. 1923

FREQUENCY: 1050 Kc. POWER: 5000 Watts. OWNED BY: Farmers & Bankers Broadcasting Corp. OPERATED BY: Same. BUSINESS ADDRESS: 410 N.W. 3rd. PHONE: 1200. STUDIO ADDRESS: 410 N.W. 3rd. TRANSMITTER LOCATION: Milford. TIME ON THE AIR: 6:00 A.M. to sunset (Pacific time). NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: World Broadcasting System, and Standard Radio.

Personnel

President	H. K. Lindsley
Station Manager	K. W. Pyle
Advertising Manager	M. Eberhardt
Chief Announcer	Harry D. Peck
Sales Manager	K. W. Pyle
Publicity DirectorJ.	W. Eberhardt
Musical DirectorMa	rie Gunzelman
Chief EngineerG	H. Johnstone

POLICIES

No beer or liquor advertising accepted. Foreign language programs accepted.

REPRESENTATIVE

Howard H. Wilson Company

KVAK*

ATCHINSON—EST. 1937

FREQUENCY: 1420 Kc. POWER: 100 Watts. OWNED BY: Carl Latenser. OPERATED BY: Carl Latenser. BUSINESS ADDRESS: Atchinson. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Atchinson. TIME ON THE AIR: Daytime Schedule.

*Station was licensed to operate under a C. P. at time of going to press.

KGGF

COFFEYVILLE—EST. 1930
MUTUAL BROADCASTING SYSTEM
FREQUENCY: 1010 Kc. POWER: 1000 Watts.
OWNED BY: Hugh J. Powell & Stanley Platz.

d/b as Powell & Platz. OPERATED BY: Same. BUSINESS ADDRESS: Journal Bldg. PHONE: 147-41. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: South Coffeyville. TIME ON THE AIR: 7:00 A.M. to 11:00 P.M. NEWS-PAPER AFFILIATION: The Coffeyville Journal. NEWS SERVICE: The Associated Press. TRANSCRIPTION SERVICE: NBC Thesaurus.

Personnel

Station Manager	Hugh J. Powell
Commercial Manager	W. B. Darrah
Advertising Manager	W. B. Darrah
Chief AnnouncerRic	chard Campbell
Sales Manager	.W. B. Darrah
Publicity Director	Clair Foster
Musical Director	Clair Foster
Chief Engineer	J. Fred Case

POLICIES

No liquor advertising accepted; takes foreign language accounts.

Merchandising cooperation given advertisers is similar to that given by newspapers.

REPRESENTATIVE

The Katz Agency

KGNO

DODGE CITY-EST. 1930

FREQUENCY: 1340 Kc. POWER: 250 Watts. OWNED BY: Dodge City Broadcasting Co. OPERATED BY: Same. BUSINESS ADDRESS: First Nat'l Bank Bldg. PHONE: 1100. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Westview Park. TIME ON THE AIR: 6:30 A.M. to 2:00 P.M. and 4:00 P.M. to 9:00 P.M. NEWS PAPER AFFILIATION: Dodge City Globe. NEWS SERVICE: Associated Press (Non-Commercial). TRANSCRIPTION SERVICE: NBC The-SQUIMS.

Personnel

President
Business Manager
Commercial ManagerVaughn Kimball
Chief AnnouncerJohn Drake
Program DirectorFay Ljungdahl
Chief Engineer Emil Dogne

POLICIES

Does not accept liquor or foreign language accounts.

Will make surveys, assist with distribution or secure any information desired, as merchandising aids.

REPRESENTATIVE

Arthur H. Hagg and Associates

KTSW*

EMPORIA-EST, 1939

FREQUENCY: 1370 Kc. POWER: 100 Watts. OWNED BY: Emporia Broadcasting Co. OPERATED BY: Same. BUSINESS ADDRESS: Emporia. TIME ON THE AIR: Daytime license. TRANSCRIPTION SERVICE: Standard Radio.

*Station was licensed to operate under a construction permit. No further information was available at time of going to press.

KIUL

"VOICE OF WESTERN KANSAS"

GARDEN CITY—EST. 1935

FREQUENCY: 1210 Kc. POWER: 100 Watts, OWNED BY: Garden City Broadcasting Co. OPERATED BY: Garden City Broadcasting Co. BUSINESS ADDRESS: 404 N. Main. PHONE: 666-999. STUDIO ADDRESS: 404 N. Main. TRANSMITTER LOCATION: Warner Terrace. TIME ON THE AIR: 6:00 A.M. to 9:00 P.M. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: NAB Library.

Personnel

President	. F.	D.	Conard
Station Manager	. Cle	em	Morgan
Publicity Director	.Cle	em	Morgan
Musical DirectorGe	org	e (Goulding
Chief EngineerCh	nest	er	Fouguet

POLICIES

No special policies, as to foreign language programs. Liquor still illegal in the state of Kansas.

Complete merchandising cooperation at all times.

REPRESENTATIVE

Cox and Tanz

KVGB

"THE VOICE OF GREAT BEND"

GREAT BEND-EST. 1937

FREQUENCY: 1370 Kc. POWER: 100 Watts. OWNED BY: E. E. Ruehlen. OPERATED BY: E. E. Ruehlen. BUSINESS ADDRESS: 2103½ Forest. PHONE: 1080-1. STUDIO ADDRESS: Cork Bldg. TRANSMITTER LOCATION: 2 miles south of Great Bend on Highway No. 8. TIME ON THE AIR: 6:30 A.M. to 8:00 P.M. (unlimited time). NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: World Broadcasting System, C. P. MacrGegor.

Personnel

Station Manager E. E. Ruehl	en
Commercial ManagerVern Min	or
Advertising ManagerDave Wils	on
Assistant ManagerVern Min	or
Musical DirectorEarl Brews	ler
Chief EngineerLeo Leglei	ter

POLICIES

No intoxicating liquor advertising accepted.

KWBG

"THE STATION IN THE CENTER OF THE NATION"

HUTCHINSON—EST. 1935

FREQUENCY: 1420 Kc. POWER: 100 Watts. OWNED BY: Nation's Center Broadcasting Co., Inc. OPERATED BY: W. B. Greenwald. BUSINESS ADDRESS: 101 Ave. A. East. PHONE: 5202. STUDIO ADDRESS: 101 Ave. A. East. TRANSMITTER LOCATION: Hutchinson. TIME ON THE AIR: (winter) 6:30 A.M. to 10:30 P.M.; (summer) 6:00 A.M. to 11:00 P.M. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: World Broadcasting System.

Personnel

President-General Manager W. B. Gr	eenwald
Advertising Manager	Robinson
Chief AnnouncerEc	d Letson
Station Manager	eenwald
Program DirectorJ.	B. Lake
Publicity Director	Robinson
Musical Director	llie Anz
Chief Engineer	Bourrell

POLICIES

Will accept beer advertising. No foreign language accounts.

Merchandising as required.

KCKN

"DOMINANT NEWS STATION OF THE TWO KANSAS CITIES"

KANSAS CITY—EST. 1925 (as WLBF) 1936 (as KCKN)

KANSAS NETWORK

FREQUENCY: 1300 Kc. POWER: 100 Watts. OWNED BY: The KCKN Broadcasting Co. OP-ERATED BY: Same. BUSINESS ADDRESS: 901 N. 8th St. PHONE: Drexel 4300. STUDIO AD-DRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 6:00 A.M. to 12:00 midnight. NEWSPAPER AFFILIATIONS: Operated by The Kansas City Kansan, Capper Publication, only daily newspaper in Kansas City, Kansas. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: Standard Library, C. P. MacGregor Library, Lang-Worth, NAB Library.

Personnel

President	W. A. Bailey
Vice-President-General	
Manager	Ellis Atteberry
Commercial Manager	Owen Balch
Program Director	Raiph Nelson
Director of Publicity	Ruth Kendall
Continuity Editor	Evan Fry
News Commentator	Olaf Soward
Musical Director	Ruth Royal
Chief Engineer	.C. E. Salzer, Jr.

POLICIES

No beer or alcoholic beverage accounts accepted.

Complete cooperation with commercial clients in merchandising and exploitation. Planned, arranged and executed by station. Clients bear actual cost only.

REPRESENTATIVE

Capper Publications

KFKU

LAWRENCE

FREQUENCY: 1220 Kc. POWER: 5000 Watts, d.: 1000 Watts, n. OWNED BY: University of Kansas. OPERATED BY: University of Kansas. BUSINESS ADDRESS: Lawrence, Kans. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: Shares time with WREN.

Personnel

POLICIES

Station does not sell time.

WREN

LAWRENCE-EST. 1926

NBC-BLUE

FREQUENCY: 1220 Kc. POWER: 5000 Watts, d.; 1000 Watts, n. OWNED BY: The WREN Broadcasting Co. OPERATED BY: The WREN Broadcasting Co. BUSINESS ADDRESS: WREN Bldg. PHONE: Lawrence 110. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Between Lawrence and Kansas City, Mo. TIME ON THE AIR: Shares time KFRU. Sunday 8:00 A.M. to 12:00 midnight; week days, 7:00 A.M. to 2:30 P.M. and 3:00 P.M. to 12:00 midnight. TRANSCRIPTION SERVICE: NBC Thesaurus.

Personnel

ManagerVernon H. Smith

REPRESENTATIVE

George P. Hollingbery Co.

KSAC

"AN EDUCATIONAL PROGRAM FOR EVERY LISTENING MEMBER OF THE FAMILY"

MANHATTAN-EST. 1924

FREQUENCY: 580 Kc. POWER: 1000 Watts, d.; 500 Watts, n. OWNED BY: Kansas State College of Agriculture and Applied Science. OPERATED BY: Kansas State College of Agriculture and Applied Science. BUSINESS ADDRESS: Manhattan. STUDIO ADDRESS: Same. TRAINSMITTER LOCATION: Same. TIME ON THE AIR: Daily except Sundays, 9:30 A.M. to 10:30 A.M.; 12:30 P.M. to 2:00 P.M.; Saturdays, 2:00 P.M. to 2:30 P.M. and 4:30 to 5:30 P.M.

Personnel

PresidentF.	D. Farrell
Director	Umberger
Program DirectorL. L.	Longsdorf

POLICIES

Station does not sell time. Station presents only educational non-commercial programs.

KOAM

PITTSBURG—EST. 1937 NATIONAL BROADCASTING CO. (RED & BLUE)

FREQUENCY: 790 Kc. POWER: 1000 Watts. OWNED BY: Pittsburg Broadcasting Co. OPERATED BY: Pittsburg Broadcasting Co. BUSI. NESS ADDRESS: Commerce Bldg. PHONE: 2165-6. STUDIO ADDRESS: Commerce Bldg. and at Joplin. Mo. TRANSMITTER LOCATION: 2½ miles southeast of Pittsburg. TIME ON THE AIR: 6:00 A.M. to local sunset. NEWS SERVICE: International News Service. TRANSCRIPTION SERVICE: World Broadcasting System.

Personnel

PresidentE.	Victor Baxter
Commercial Manager	Ed. Cunniff
Station Manager	Ed. Cunniff
Sales ManagerR.	G. Patterson
Chief Announcer	pencer Allen
Program Director	. L. Simmons
Chief Engineer	W. L. Brown

POLICIES

Will accept beer accounts; also foreign language programs.

Has special merchandising department that will work with commercial advertisers

REPRESENTATIVE

Howard H. Wilson & Co.

KSAL

"YOUR FRIEND OF THE AIRWAYS"

SALINA-EST, 1937

FREQUENCY: 1500 Kc. POWER: 250 Watts, d.; 100 Watts, n. OWNED BY: R. J. Laubengayer. OPERATED BY: R. J. Laubengayer. BUSINESS ADDRESS: Journal Bldg. PHONE: 100-104. STUDIO ADDRESS: Journal Bldg. TRANSMITTER LOCATION: State St. Road. TIME ON THE AIR: 7:00 A.M. to 11:00 P.M. NEWSPAPER AFFILIATIONS: Salina Journal. NEWS SERVICE: Associated Press. TRANSCRIPTION SERVICE: Standard Radio, NBC Thesaurus.

Personnel

OwnerR. J. Laubengaye	r
Station Manager Merle E. Tucke	r
Commercial Manager	n
Chief Engineer	۲.

POLICIES

All commercial programs including name of sponsor, are published in Salina Journal each day. Journal has approximately 14,000 daily circulation.

REPRESENTATIVE

The Katz Agency

WIBW

"THE VOICE OF KANSAS"

TOPEKA-EST, 1925

CBS-KANSAS NETWORK

FREQUENCY: 580 Kc. POWER: 5000 Watts, d.; 1000 Watts, n. OWNED BY: Capper Publications, Inc. OPERATED BY: Capper Publications, Inc. BUSINESS ADDRESS: Box 119. PHONE: 3-2377. STUDIO ADDRESS: 1035 Topeka Blvd. TRANSMITTER LOCATION: Near Topeka. TIME ON THE AIR: 4:30 A.M. to midnight (daily): 8:00 A.M. to midnight (Sunday), CST. NEWSPAPER AFFILIATION: Capper Publications, Inc. NEWS SERVICE: United Press. TRANSCRIPTION SERVICES: Standard Library, NAB Library.

Personnel

Gener	al ManagerBe	en Ludy
Chief	EngineerKarl	Troeglen

POLICIES

No beer or liquor advertising.
Publicity in Capper Publications, Inc. Personal calls and window displays as part of merchandising aids.

REPRESENTATIVE

Capper Publications, Inc.

KANS

WICHITA- EST. 1936

NATIONAL BROADCASTING COMPANY

FREQUENCY: 1210 Kc. POWER: 100 Watts. OWNED BY: The KANS Broadcasting Co. OPERATED BY: The KANS Broadcasting Co. BUSINESS ADDRESS: Hotel Lassen. PHONE: 4-2387. STUDIO ADDRESS: Hotel Lassen. TRANSMITTER LOCATION: Hotel Lassen. TIME ON THE AIR: 6:00 A.M. to 12:05 A.M. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: NBC Thesaurus.

Personnel

President	Chas.	c.	Theis
General Manager	Herb	Ho	Ilister
Commercial Manager	Herb	Ho	llister
Chief Announcer	Je	ack	Todd
Publicity Director	Phil	Mcl	Knight
Musical DirectorR	aymon	d S	helley
Chief Engineer	Gle	nn	Ritter

POLICIES

Accept beer but not liquor.

Maintains a merchandising department.

REPRESENTATIVE

The Katz Agency

KFH

"KANSAS' FRIENDLY HOST"

WICHITA-EST, 1925

COLUMBIA BROADCASTING SYSTEM FREQUENCY: 1300 Kc. POWER: 5000 Watts, d.; 1000 Watts, n. OWNED BY: Radio Station KFH Co. OPERATED BY: Same. BUSINESS ADDRESS: York Rite Temple. PHONE: 35254-5-6. STUDIO ADDRESS: York Rite Temple. TRANSMITTER LOCATION: 6 miles East of Downtown Wichita. TIME ON THE AIR: (Daily) 6:00 A.M. to midnight: (Sunday) 8:00 A.M. to midnight. NEWS SERVICE: United Press. NEWSPAPER AFFILIATION: The Wichita Eagle. TRANSCRIPTION SERVICE: Associated Libraries, C. P. MacGregor.

Personnel

Vice President-General MgrM. M. Murdock
Business ManagerP. S. Clark
Production ManagerVernon E. Reed
Local Sales ManagerE. F. Scraper
National Sales ManagerClark A. Luther

POLICIES

Station offers cooperation and a complete merchandising service for advertisers. Beer accounts are accepted but no liquor advertising.

REPRESENTATIVE

Edward Petry & Co.

WAVE STILL ISN'T REACHING CHINA!

(OR CHICKEN BRISTLE, KENTUCKY!)

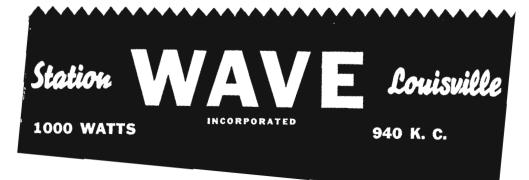
No, Suh—Station WAVE is glad to report that we're still content to be sitting on top of the biggest market in Kentucky.... leaving the Whangpoo (and the Kentucky mountains) for the other fellows!

But still we say, don't be deceived! Louisville ALONE gives you 80.7% of the income-tax payers in the entire Trading Area—74% of the drug sales—67.8% of the food sales!

And the WAVE Listening Area still gives you almost twice as many income-tax payers as the remaining 93 Kentucky counties, combined!—63% more passenger cars—64% more wired homes!

Also—the cost of WAVE is so low that you'll hardly notice the addition to your budget. Why not write for the whole story?

An N. B. C. Outlet . . . FREE & PETERS, INC., National Representatives



KENTUCKY-

Population 2,920,000

Number of Families 708,000 Retail Sales \$388,278,000 Number of Radio Homes 494,900
Auto Registrations 351,100

WCMI

"WHERE COAL MEETS IRON" ASHLAND—EST. 1935

FREQUENCY: 1310 Kc. POWER: 250 Watts, d.: 100 Watts, n. OWNED BY: Ashland Broadcasting Co. Operated BY: Ashland Broadcasting Co. BUSINESS ADDRESS: WCMI Bldg. PHONE: 363. STUDIO ADDRESS: WCMI Bldg. TRANSMITTER LOCATION: WCMI, Bldg. TIME ON THE AIR: 6:30 A.M. to 1200 midnight. NEWSPAPER AFFILIATIONS: Ashland Daily Independent. NEWS SERVICE: Associated Press (non-commercial). MAINTAINS ARTISTS' BUREAU. TRANSCRIPTION SERVICE: NBC Thesaurus.

Personnel

President	J.	T.	Norris
Managing Director	Jos.	F.	Kyler
Chief Announcer	Paul	L.	Ruble
Sales Manager		Jαc	k Bell
Publicity Director	. Paul	L.	Ruhle
Musical Director	Hes	ter	Kyler
Chief Engineer	Pa	ul	Holton

POLICIES

Advertising of alcoholic beverages accepted.

REPRESENTATIVE

Burn-Smith Co.

WCKY

COVINGTON, KY.

(See Cincinnati, O.)

WLAP

"THE THOROUGHBRED STATION OF THE NATION"

LEXINGTON—EST. 1934

FREQUENCY: 1420 Kc. POWER: 250 Watts, d.: 100 Watts, n. OWNED BY: American Broadcasting Corp. of Kentucky. OPERATED BY: American Broadcasting Corp. of Kentucky. BUSINESS ADDRESS: Radio Bldg., Walnut & Short Sts. PHONE: 1721-2. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Walton Bldg., Main & Esplanade. TIME ON THE AIR: 7:00 A.M. to 11:00 P.M. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: World Broadcasting System.

Personnel

President-Genl. Mgr	Gilmore N. Nunn
Vice President	J. Lindsay Nunn
Secretary-Treasurer	Warren G. Davis
Commercial Manager	. Winston L. Clark
Chief Announcer	Ted Grizzard
Station Manager	Winston L. Clark
Publicity Director	Ted Grizzard
Musical Director	Miller Welch
Chief Engineer	Sanford Helt

POLICIES

No liquor advertising accepted before 8 P.M. No restrictions on beer and light wines. No restrictions on foreign language broadcasts.

Complete merchandising department at the disposal of the advertiser.

REPRESENTATIVE

Burn-Smith Co.

WAVE

LOUISVILLE—EST, 1933

NATIONAL BROADCASTING COMPANY FREQUENCY: 940 Kc. POWER: 1000 Watts. OWNED BY: WAVE, Inc. OPERATED BY: WAVE, Inc. BUSINESS ADDRESS: Brown Hotel. PHONE: Jackson 8391-2. STUDIO ADDRESS: Brown Hotel. TRANSMITTER LOCATION: Brown Hotel. TIME ON THE AIR: (Daily) 6:00 A.M. to 1:00 A.M. (Sunday 8:00 A.M. to 1:00 A.M. NEWS SERVICE: International News Service. TRANSCRIPTION SERVICE: NBC Thesaurus, Standard Radio.

Personnel

PresidentGeo. W. Norton, Jr.
Commercial ManagerJames F. Cox
Station ManagerNathan Lord
Sales ManagerJames F. Cox
Publicity DirectorGeorge Patterson
Musical Director
Chief EngineerWilbur E, Hudson

POLICIES

Liquor accounts are not accepted. Beer accounts at any time. No foreign language accounts. All copy subject to station approval and FTC regulations.

Station undertakes merchandising to the extent of publicizing programs and calls on wholesalers and certain key retailers in district.

REPRESENTATIVE

Free & Peters, Inc.

WHAS

"IN THE HEART OF THE RICH OHIO VALLEY"

LOUISVILLE---1922

COLUMBIA BROADCASTING SYSTEM FREQUENCY: 820 Kc. POWER: 50,000 Watts. OWNED BY: Barry Bingham. OPERATED BY: Louisville Times Company. BUSINESS AD-DRESS: 300 W. Liberty St. PHONE: Wa 2211. STUDIO ADDRESS: 300 W. Liberty St. TRANS-MITTER LOCATION: New Eastwood. TIME ON THE AIR: 5:30 A.M. to 1:00 A.M. daily: 8:00 A.M. to midnight Sunday. NEWSPAPER AFFILIATION: Courier Journal and Louisville Times. NEWS SERVICE: United Press. MAIN-TAINS AN ARTISTS BUREAU. TRANSCRIP-TION SERVICE: Associated Music Publisher Library.

Personnel

Owner	
Radio Director	Credo Harris
Executive Manager	.W. Lee Coulson
Commercial Manager	Joe Eaton
Program Manager	. Robert L. Kennett
Chief Announcer	Meador Lowrey
Studio Director	Meador Lowrey
Publicity Director	Dolly Sullivan
Technical Advisor	Orrin W. Towner

POLICIES

Accept beer accounts. Medicinal advertising

must conform to Federal Trade Commission regulations and station standards.

Merchandising: Supply daily listings, pictures and highlights in Courier-Journal and Louisville Times, plus publicity in magazines and trade journals; contact dealers, retailers, neighborhood groups, etc. By direct mail postage only is charged to advertiser. Surveys, window displays, counter cards handled by merchandising service at small cost to adver-

REPRESENTATIVE

Edward Petry & Company

"RADIO VOICE OF THE OWENSBORO MESSENGER AND INQUIRER" OWENSBORO—EST. 1938

FREQUENCY: 1500 Kc. POWER: 250 Watts. d.; 100 Watts, n. OWNED BY: Owensboro Broadcasting Co., Inc. OPERATED BY: Owensboro Broadcasting Co., Inc. BUSINESS AD-DRESS: Byers Ave. & Livermore Road. PHONE: 420. STUDIO ADDRESS: Byers Ave. & Livermore Road. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 16 hours daily; 15 hours Sunday. NEWSPAPER AFFILIATIONS: Owensboro Messenger (morning); Owensboro Inquirer (evening). NEWS SERVICE Associated Press (non-commercial). TRANSCRIPTION SERVICE: NBC Thesaurus.



URING the next year you will doubtless use this book more than once in connection with buying radio time.

When you come to consider the Louisville market, we ask just one thing-that you borrow the scales of the blind goddess and weigh media in relation to market.

Gauge first the market in its entirety—a market that encompasses most of Kentucky, sizable and wealthy portions of Indiana and Ohio as well. Here live 1.932,307 people, 1,267,519 families. Here are owned 904,999 radio sets, 962,233 auto-philis. mobiles. Here is spent, annually, \$2,738,119,583! This vast and wealthy market lies completely with-

50,000 Watts-CBS-Cleared Channel

station to cover this complete market.

When you have weighed two billion dollars, you will agree that here is a market rich in salos opportunity. We believe you will also consider it too important for half measures, that you will choose the medium which can and does deliver all of it at once and at low cost.

LOUISVILLE TIMES STATION

Edward Petry & Co., Natl. Repr.

Personnel

President	. Lawrence	W.	Hager
Vice President	w .	В.	Hager
Secretary-Treasurer	G .	M.	Fuqua
General Manager	Lyell	L. I	udwlg
Commercial Manager	.George C.	Bla	ckwell

POLICIES

No foreign language programs. Liquor advertising only after 8 P.M. in evening (weekdays only).

Merchandising and publicity through newspaper tie-up.

WPAD

"VOICE OF WESTERN KENTUCKY"
PADUCAH—EST. 1930

FREQUENCY: 1420 Kc. POWER: 250 Watts, d.; 100 Watts, n. OWNED BY: Paducah Broadcasting Co., Inc. OPERATED BY: Paducah Broadcasting Co., Inc. BUSINESS ADDRESS: 8th and Terrell. PHONE: 4100. STUDIO ADDRESS: 8th and Terrell. TRANSMITTER LOCATION: 8th and Terrell. TIME ON THE AIR: 6:00 A.M. to 11:30 P.M. NEWSPAPER AFFILI ATION: Paducah-Sun Democrat. NEWS SERV ICE: Associated Press (non-commercial). TRAN SCRIPTION SERVICE: C. P. MacGregor.

Personnel

President & Genl. MgrPierce E. Lackey
Secretary E. Ezell Lackey
Treasurer & Coml. MgrW. Prewitt Lackey
Chief Announcer
Station ManagerGene Peak
Sales ManagerGene Peak
Publicity DirectorPierce E. Lackey
Musical DirectorGene Peak
Chief Engineer

POLICIES

No whiskey advertising accepted.

LOUISIANA[.]

Population 2,132,000

Number of Families 510,000

Retail Sales \$344,393,000

Number of Radio Homes 297,400

Auto Registrations 244,274

KALB

"IN THE HEART OF LOUISIANA"

ALEXANDRIA-EST, 1935

LOUISIANA NETWORK

FREQUENCY: 1210 Kc. POWER: 250 Watts, d.; 100 Watts, n. OWNED BY: Alexandria Broadcasting Co., Inc. OPERATED BY: Alexandria Broadcasting Co., Inc. BUSINESS ADDRESS: 3rd & Jackson. PHONE: 65. STUDIO ADDRESS: 3rd & Jackson. TRANSMITTER LOCATION: Upper 4th St. extension. TIME ON THE AIR: 7:00 A.M. to 10:00 P.M.; Sunday, 9:00 A.M. to 5:30 P.M. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: NBC Thesaurus, Standard Radio.

Personnel

President
General Manager
Sales Manager
Program DirectorVirgil Evans
Publicity Director
Musical DirectorVirgil Evans
Chief EngineerTruman Stanley

POLICIES

No special policies or restrictions.

Special build-up announcements prior to commercial programs.

WJBO

BATON ROUGE—EST. 1934 NBC (BLUE) LOUISIANA NETWORK NETWORK

FREQUENCY: 1120 Kc. POWER: 500 watts. OWNED BY: Baton Rouge Broadcasting Co., Inc. OPERATED BY: Same. BUSINESS ADDRESS: Magnolia and Fifth Sts. PHONE: 3647. STUDIO ADDRESS: Magnolia and 5th. TRANSMITTER LOCATION: Roosevelt Road. TIME ON THE AIR: 6:45 A.M. to midnight: Mondays. same except off 8:00 to 9:00 P.M. NEWSPAPER AFFILIATIONS: Baton Rouge State-Times, Baton Rouge Morning Advocate. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: World Broadcasting System.

Personnel

President	Chas. P. Manship, Jr.
Chief Announcer	Paul Goldman
Vice Pres. & Genl. Mgr	H. Vernon Anderson
Sales Manager	J. Roy Dabadie
Chief Engineer	Wilbur T. Golson

REPRESENTATIVE

George P. Hollingbery Co.

KVOL

"VOICE OF LAFAYETTE"

LAFAYETTE—EST. 1935 SOUTHERN NETWORK

FREQUENCY: 1310 Kc. POWER: 250 Watts, d.; 100 Watts, n. OWNED BY: Evangeline Broadcasting Co. OPERATED BY: Same. BUSINESS ADDRESS: 300 Jefferson St. PHONE: 336-1280. STUDIO ADDRESS: Evangeline Hotel. TRANSMITTER LOCATION: Scott Road. TIME ON THE AIR: 7:00 A.M. to 1:00 P.M.—4:00 P.M. to 10:00 P.M. NEWSPAPER AFFILIATIONS: Advertiser-Gazette. NEWS SERVICE: Associated Press (non-commercial). TRANSCRIPTION SERVICE: Standard Radio.

Personnel

President	. Morg	αn	Murphy
Station Manager	Geo.	H.	Thomas
Commercial Manager	R.	Ā.	Escudier
Chief Announcer	Ea	rl	Peterson
Program Director		, A	. B. Craft
Chief Engineer	J.	G	. Cooper

POLICIES

No stated special policies.

KPLC

"VOICE OF THE POPULAR PORT"

LAKE CHARLES—EST. 1935

LOUISIANA NETWORK

FREQUENCY: 1500 Kc. POWER: 250 Watts.



Now 50,000 Watts

Tell - Sell

over

WWL-New Orleans

Vincent F. Callahan, Gen'l Mgr.

Represented by

The Katz Agency, Inc.

d., 100 Watts, n. OWNED BY: Calcasieu Broadcasting Co. OPERATED BY: Calcasieu Broadcasting Co. BUSINESS ADDRESS: 333 Pujo St. PHONE: 81-82. STUDIO ADDRESS: Majestic Hotel. TRANSMITTER LOCATION: La Grange St. TIME ON THE AIR: 7:00 A.M. to 9:00 P.M. NEWS SERVICE: International News Service. TRANSCRIPTION SERVICE: Standard Radio.

Personnel

PresidentL. M. Sepaugh
Commercial ManagerF. C. Carroll
Chief Announcer
Station Manager
Publicity Director
Chief EngineerE. C. Moses

POLICIES

Only good taste and F.C.C. requirements. Accept French programs.

REPRESENTATIVE

Burn-Smith Co.

KMLB

"VOICE OF MONROE"

MONROE—EST. 1930

LOUISIANA NETWORK

FREQUENCY: 1200 Kc. POWER: 250 Watts, d.; 100 Watts, Night. OWNED BY Liner's Broadcasting Station, Inc. BUSINESS ADDRESS: Frances Hotel. PHONE: 4321-4564. STUDIO ADDRESS: Frances Hotel. TRANSMITTER LOCATION: Milhaven Rd. TIME ON THE AIR: 6:30 A.M. to 10:00 P.M. NEWS SERVICES: Transradio Press. TRANSCRIPTION SERVICE: World Broadcasting System; NBC Thesaurus.

Personnel

PresidentJ. C. Liner	, Sr.
Commercial Manager J. C. Line	r, Jr.
Station ManagerJ. C. Liner	, Sr.
Sales Manager	oser
Chief Engineer	napr

POLICIES

None other than that programs must be in good taste, with all programs subject to rejection by station management.

Merchandising and exploitation is done only at expense of advertiser.

WBNO

"WE BOOST NEW ORLEANS"

NEW ORLEANS—EST. 1926

FREQUENCY: 1200 Kc. POWER: 250 Watts, d.; 100 Watts, n. OWNED BY: Coliseum Place Baptist Church. OPERATED BY: Coliseum Place Baptist Church. BUSINESS ADDRESS: 720 Common St. PHONE: Raymond 0423. STUDIO ADDRESS: St. Charles Hotel. TRANSMITTER LOCATION: S. White & Ephrosene. TIME ON THE AIR: Noon to 5:00 P.M. and 8:00 to 11:00 P.M. NEWSPAPER AFFILIATIONS: Christian Science Monitor. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: Lang-Worth.

Personnel

Station Manager	Edward R. Musso
Sales Manager	
Publicity Director	Walter J. Williams
Musical Director	Mildred Elliott
Chief Engineer	W. Bradberry

POLICIES

Advertising of alcoholic beverages accepted.

REPRESENTATIVE

Cox & Tanz

WDSU

"FIRST WITH THE LATEST AND ALWAYS A FEW HEAD LINES AHEAD"

NEW ORLEANS—EST. 1923

NBC (BLUE)—LOUISIANA NETWORK
FREQUENCY: 1250 Kc. POWER: 1000 Watts.
OWNED BY: WDSU, Inc. OPERATED BY:
WDSU, Inc. BUSINESS ADDRESS: Hotel Monteleone. PHONE: Raymond 7135. \$TUDIO
ADDRESS: Hotel Monteleone. TRANSMITTER
LOCATION: Gretna. TIME ON THE AIR: 7:00
A.M. to midnight. NEWS SERVICE: United
ress. TRANSCRIPTION SERVICE: C. P. MacGregor.

Personnel

PresidentJoseph H. Uhal
Commercial ManagerP. K. Ewing
Station ManagerJoseph H. Uha
Sales ManagerP. K. Ewing
Chief EngineerFred Fabr

POLICIES

No stated special program policies. Advertising of alcoholic beverages accepted but program must be in the late hours.

REPRESENTATIVE

John Blair & Co.

WJBW

"THE FRIENDLY ORIGINAL ALL NIGHT STATION"

NEW ORLEANS—EST. 1926

FREQUENCY: 1200 Kc. POWER: 100 Watts. OWNED BY: Charles C. Carlson. OPERATED BY: Charles C. Carlson. BUSINESS ADDRESS: 947 Howard Ave. STUDIO ADDRESS: God-chaux Bldg. TRANSMITTER LOCATION: New Orleans. TIME ON THE AIR: 6:00 A.M. to noon, 5:00 P.M. to 8:00 P.M. and 11:00 P.M. to 6:00 A.M.; Sundays, 7:00 A.M. to 10:00 A.M., 1:00 P.M. to 5 P.M. and 9:00 P. M. to 1:00 A.M. Shares time with WBNO. TRANSCRIPTION SERVICE: Lang-Worth.

Personnel

General	Manager	C.	Carlson
Program	Director and		
Chief	Announcer A.	H.	Nigocia

WSMB

"AMERICA'S MOST INTERESTING CITY"

NEW ORLEANS—EST. 1925

NBC (RED)

FREQUENCY: 1320 Kc. POWER: 5000 Watts, d., 1000 Watts, n. OWNED BY: Maison Blanche & Saenger Theaters. OPERATED BY: WSMB, Inc. BUSINESS ADDRESS: 901 Canal St. PHONE: MA. 5920. STUDIO ADDRESS: 901 Canal St. TRANSMITTER LOCATION: Algiers. TIME ON THE AIR: 7:00 to 12:00 midnight. NEWS SERVICE: United Press. MAINTAINS ARTISTS BUREAU. TRANSCRIPTION SERVICE: NBC Thesaurus.

Personnel

PresidentE. V. Richards
General Manager
Artists' Bureau Head
Chief Announcer
Sales Manager
Publicity DirectorT. J. Fontelieu
Musical DirectorY. Lebaron
Chief Engineer

POLICIES

No stated special policies or restrictions on programs.

Merchandising aid given where requested.

REPRESENTATIVE

Edward Petry & Company

W W L

NEW ORLEANS—EST. 1922

COLUMBIA BROADCASTING SYSTEM FREQUENCY: 850 Kc. POWER: 50,000 Watts. OWNED BY: Loyola University. OPERATED BY: WWL Development Co., Inc. BUSINESS ADDRESS: Roosevelt Hotel. PHONE: Raymond 2196-7-8. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Kannerville. TIME ON THE AIR: 5:30 A.M. to 12:10 A.M. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: Standard Radio Library.

Personnel

POLICIES

No whiskey advertisements, no foreign language accounts accepted; special restrictions on medicines.

Merchandising: WWL has a full time mer-

chandising director who interviews local dealers and distributors and arranges merchandising tie-ups. Special merchandising service is available to meet individual sales problems. Station stands ready to lend any reasonable assistance to insure the success of the advertiser's campaign.

REPRESENTATIVE The Katz Agency

KRMD

"SHREVEPORT'S FRIENDLY STATION"

SHREVEPORT—EST. 1928 LOUISIANA NETWORK

FREQUENCY: 1310 Kc. POWER: 250 Watts, d.: 100 Watts, n. OWNED BY: KRMD, Inc. OPERATED BY: Same. BUSINESS ADDRESS: P. O. Box 1712. PHONE: 6171-2. STUDIO ADDRESS: New Jefferson Hotel. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 6:00 A.M. to 11:00 P.M. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: Standard Radio.

Personnel

PresidentR. M. Dean
General ManagerL. M. Sepaugh
Treasurer
Station Manager
Program DirectorTravis Cabiness

Chief Announce	rJack S	im pso n
Chief Engineer	R. M	. Dean

POLICIES

All copy and programs are subject to approval of station management and must comply with all municipal, state and Federal laws.

Merchandising aids through advance announcements. Display card tie-in at strategic points.

REPRESENTATIVE

J. J. Devine & Associates

KTBS

SHREVEPORT—EST. 1928 NATIONAL BROADCASTING CO.— DIXIE NETWORK

FREQUENCY: 1450 Kc. POWER 1000 Watts. OWNED BY: Tri-State Broadcasting System. OPERATED BY: The Shreveport Times. BUSI-NESS ADDRESS: P.O. Box 17. PHONE: 4171. STUDIO ADDRESS: Commercial Bldg. TRANS-MITTER LOCATION: Dixie Gardens. TIME ON THE AIR: 6:30 A.M. to 12:00 Midnight. NEWS-PAPER AFFILIATIONS: The Shreveport Times. NEWS SERVICE: United Press.

Personnel

PresidentJohn	D. Ewing
General ManagerJohn C. I	McCormack
Commercial Manager	A. Oswald

"MAINE'S OLDEST BROADCASTING SERVICE"

WABI

"BANGOR'S ONLY
COLUMBIA OUTLET"

Represented by

GENE FURGASON & CO.

POLICIES

Advertising of alcoholic beverages accepted.

Merchandising department offers full cooperation.

REPRESENTATIVE

The Branham Company

K W K H

SHREVEPORT—EST. 1925

COLUMBIA BROADCASTING SYSTEM FREQUENCY: 1100 Kc. POWER: 10,000 Watts. OWNED BY: International Broadcasting Corp. OPERATED BY: The Shreveport Times. BUSINESS ADDRESS: P. O. Box 17. PHONE: 4171. STUDIO ADDRESS: Commercial Bldg.

TRANSMITTER LOCATION: Mooringsport Road. TIME ON THE AIR: 6:00 A.M. to 12:00 midnight. NEWSPAPER AFFILIATIONS: The Shreveport Times. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: Standard Radio, NAB Library.

Personnel

PresidentJohn D. Ewing
General ManagerJohn C. McCormack
Commercial ManagerJ. A. Oswald
Program DirectorFred Ohl
Publicity Director & Merchandising
Jack Keasler
Chief Engineer

POLICIES

Advertising of alcoholic beverages accepted.

Merchandising department lends full cooperation.

REPRESENTATIVE

The Branham Company

-MAINE-

Population 856,000

Number of Families 221,000

Number of Radio Homes 201,000

Retail Sales \$232,599,000

Auto Registrations 156,000

WRDO

"THE FRIENDLY VOICE FROM THE HEART OF MAINE"

AUGUSTA-EST, 1932

NBC-MBS

YANKEE and COLONIAL NETWORKS

FREQUENCY: 1370 Kc. POWER: 100 Watts. OWNED BY: WRDO, Inc. OPERATED BY: Same. BUSINESS ADDRESS: 1 Commercial St. PHONE: 2285. STUDIO ADDRESS: 1 Commercial St. TRANSMITTER LOCATION: 341 Water St. TIME ON THE AIR: 8:00 A.M. to 12:00 midnight. NEWS SERVICE: Yankee Network.

Personnel

POLICIES

Accepts beer and wine advertising and foreign language programs.

Contact by mail or personal call dealers in territory in behalf of an advertiser's product, if desired.

WABI

"MAINE'S OLDEST BROADCASTING SERVICE"

BANGOR-EST, 1924

COLUMBIA BROADCASTING SYSTEM FREQUENCY: 1200 Kc. POWER: 250 Watts. OWNED BY: Community Broadcasting Service, Inc. OPERATED BY: Community Broadcasting Service, Inc. BUSINESS ADDRESS: 57 State St. PHONE: 6658-4243. STUDIO ADDRESS: 57 State St. TRANSMITTER LOCATION: Brewer, Maine. MAINTAINS ARTISTS' BUREAU. NEWSPAPER AFFILIATION: Bangor Daily Commercial. NEWS SERVICE: Associated Press.

Personnel

President F. B.	Simpson
Station Manager R. M.	Wallace
Program DirectorMaurice	Dolbier
Chief EngineerNelson	Lawson

POLICIES

Advertising of beers and wines accepted.

Merchandising — Publicity through newspaper affiliation.

REPRESENTATIVE

Gene Furgason & Co.

WLBZ

"THE MAINE STATION FOR MAINE PEOPLE"

BANGOR—EST. 1926 NBC—MBS

FREQUENCY: 620 Kc. POWER: 1000 Watts, d.; 500 Watts, n. OWNED BY: Maine Broadcasting Co. OPERATED BY: Same. BUSINESS ADDRESS: 100 Main St. PHONE: 6023. STUDIO ADDRESS: 100 Main St. TRANSMITTER LOCATION: Outer Broadway. TIME ON THE AIR: 8:00 A.M. to midnight; Sundays, 8:45 A.M. to midnight. NEWS SERVICE: United Press, TRANSCRIPTION SERVICE: Lang-Worth Features, World Broadcasting System.

Personnel

General ManagerThompson L. Guernsey
POLICIES

Advertising of distilled alcoholic beverages not accepted.

REPRESENTATIVE Weed & Company

wcou

"MAINE'S BUSIEST STATION"

LEWISTON—EST. 1938

MUTUAL BROADCASTING SYSTEM

YANKEE-COLONIAL NETWORKS

FREQUENCY: 1210 Kc. POWER: 100 Watts. OWNED BY: Twin City Broadcasting Co. OPERATED BY: Same. BUSINESS ADDRESS: 223 Lisbon St. PHONE: 3140. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: East End Ave. PHONE: 2904. TIME ON THE AIR: Full Time License. TRANSCRIPTION SERVICE: Standard Radio.

Personnel

Jean B. Couture
Faust O. Couture
Valdor L. Couture
Bernard R. Howe
Roger Levenson
Oscar Normand
Bertrand Cote
Leslie R. Hall

POLICIES

No hard liquor advertising is accepted; limited amount of beer and wine accounts.

Merchandising: Station publishes the WCOU Times, a house organ. All other promotional and merchandising activities charged at cost.

WCSH

PORTLAND—EST. 1925 NBC-RED YANKEE NETWORK

FREQUENCY: 940 Kc. POWER: 2500 Watts, d.; 1000 Watts, n. OWNED BY: Congress Square Hotel Co. OPERATED BY: Congress

WBAL

Baltimore's Powerful Voice — 10,000 Watts ★ Two Networks — NBC and Mutual ★ Two News Services — INS and U. P. ★ Member of the World Transcription System "Gold Group" ★ Affiliated with the Baltimore News-Post — (Largest Circulation in the South) ★ Nationally Represented by International Radio Sales ★

means business in Baltimore

AMERICA'S 8th MARKET

RETAIL SALES MORE THAN \$300,000,000 ANNUALLY

Square Hotel Co. BUSINESS ADDRESS: 579
Congress St. PHONE: Portland 3-9667. STUDIO ADDRESS: 579 Congress St. TRANSMITTER LOCATION: Scarboro, Maine. TIME
ON THE AIR: Sunday, 8:00 A.M. to 12:00
midnight; week days, 7:15 A.M. to 12:00
midnight. NEWS SERVICE: United Press.
TRANSCRIPTION SERVICE: NBC Thesaurus.

Personnel

Supervisor	George F. Kelley, Jr.
Station Manager	Linwood T. Pitman
Program Director	Albert W. Smith
News Editor	John M. Cooper
Merchandising Director	Arthur E. Bucknam
Chief Engineer	G. Fred Crandon

POLICIES

Advertising of alcoholic beverages not accepted, excepting beer and wine.

Merchandising: Gratis service confined to pre-announcements or brief previews of program of quarter hour or longer and telephone calls to dealers and distributors within local exchange limits. Letters to trade on station stationery.

REPRESENTATIVE Weed & Co.

WGAN

PORTLAND—EST. 1937

COLUMBIA BROADCASTING SYSTEM FREQUENCY: 640 Kc. POWER: 500 Watts. OWNED BY: Portland Broadcasting System, Inc. OPERATED BY: Portland Broadcasting System, Inc. BUSINESS ADDRESS: 645A Congress St. PHONE: 2-7480: 2-7489. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 6:00 A.M. to approximately 3 hours after sunset. NEWSPAPER AFFILIATION: Gannett Publishing Co. TRAN-

SCRIPTION SERVICE: Associated Recording Program Service.

Personnel

President-Treasurer	Guy P. Gannett
Assistant Treasurer	Laurence H. Stubbs
General Manager	Creighton E. Gatchell
Program Manager	Richard E. Bates
Chief Announcer	Sam Henderson
Chief Engineer	Rodger D. Hodgkins

POLICIES

Beer and wine advertising accepted. All programs and announcements subject to station approval and FCC regulations.

REPRESENTATIVE

Paul H. Rayner Co.

WAGM

PRESQUE ISLE—EST. 1930

FREQUENCY: 1420 Kc. POWER: 100 Watts. OWNED BY: Aroostook Broadcasting Corp. OPERATED BY: Aroostook Broadcasting Corp. BUSINESS ADDRESS: National Bank Bldg. PHONE: Presque Isle 8821. STUDIO ADDRESS: National Bank Bldg. TRANSMITTER LOCATION: National Bank Bldg. TIME ON THE AIR: 11:00 A.M. to 7:00 P.M. NEWS SERVICE: Transradio Press. MAINTAINS ARTISTS' BUREAU.

Personnel

General Manager	R.	w.	MacIntosh
Commercial Manager		. L.	E. Hughes
Chief Announcer			Ted Coffin

POLICIES

Malt beverage and spirituous liquor advertising accepted; not restricted as to position. Not more than three such advertisers accepted during any one day. French language programs accepted and not restricted to certain

MARYLAND

Population 1,679,000

Number of Families 410,000

Retail Sales \$462,874,000

Number of Radio Homes 355,100

Auto Registrations 336,050

WBAL

"BALTIMORE'S POWERFUL VOICE"

BALTIMORE—EST. 1925
NBC (Blue) MUTUAL

FREQUENCY: 1060 Kc. (6:00 A.M. to 12:00 midnight), 760 Kc. (9:00 P.M. to 12:00 midnight).

POWER: 10,000 Watts. OWNED BY: WBAL Broadcasting Co. OPERATED BY: WBAL Broadcasting Co. BUSINESS ADDRESS: Lexington Bldg. PHONE: Plaza 4900. STUDIO ADDRESS: Lexington Bldg. TRANSMITTER LOCATION: Pikesville, Md. TIME ON THE AIR: (daily) 6:00 A.M. to 12:00 midnight; (Sunday) 8:00 A.M. to 12 midnight, NEWSPAPER AFFILIATIONS.

Baltimore News-Post, Baltimore Sunday American. NEWS SERVICES: International News Service, United Press, Associated Press. TRAN-SCRIPTION SERVICE: World Broadcasting System, Lang-Worth Features.

Personnel

Station Manager	. Harold C. Burke
Program Manager	Paul Girard
Program Supervisor	Walter Linthicum
Publicity Director	Dorothy Smith
Chief Engineer	Gerald W. Cooke

POLICIES

No foreign language programs accepted.

Membership: Programs are publicized by station advertisements in the Baltimore News-Post; fifty letters sent free, balance at cost; pre-program announcements used for new programs.

REPRESENTATIVE

International Radio Sales

WCAO

"THE VOICE OF BALTIMORE"
BALTIMORE—EST. 1922

COLUMBIA BROADCASTING SYSTEM

FREQUENCY: 600 Kc. POWER: 1000 Watts, d.; 500 Watts, n. OWNED BY: The Monumental Radio Co. OPERATED BY: Same. BUSINESS ADDRESS: 811 West Lanvale St. PHONE: Madison 7222-3-4. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: (Daily) 7:00 A.M. to midnight. (Sunday) 8:45 A.M. to midnight. NEWS SERVICE: International News Service.

Personnel

President and TreasurerLewis M. Milbourne
Chief Announcer William J. O'Toole
Publicity Director Dwight W. Burroughs
Musical DirectorJack Lederer
Chief Engineer

POLICIES

Station does not accept liquor advertising, nor encourage foreign language accounts.

REPRESENTATIVE

Paul H. Raymer Co.

WCBM

BALTIMORE—EST. 1924

INTER-CITY

FREQUENCY: 1370 Kc. POWER: 250 Watts, d.; 100 Watts, n. OWNED BY: Baltimore Broadcasting Corp. OPERATED BY: Baltimore Broadcasting Corp. BUSINESS ADDRESS: Hearst Tower Bldg. PHONE: Plaza 5359-1; Calvert 2480-1. STUDIO ADDRESS: Keith Theater. TRANSMITTER LOCATION: 1100 East Cold Spring Lane. TIME ON THE AIR: 7:00 A.M. to midnight. NEWS SERVICE: International News Service. TRANSCRIPTION SERV-ICE: NBC Thesaurus, NAB Library.

Personnel

President and Commercial
ManagerJohn Elmer
Vice-President J. Purdon Wright
TreasurerJ. Lawrence Schanberger
Station Manager
Sales ManagerJohn Elmer
Publicity DirectorNewell Warner
Chief EngineerG. Porter Houston

POLICIES

Does not accept liquor advertisements.

WFBR

"MARYLAND'S PIONEER BROADCAST STATION"

BALTIMORE—EST, 1922

NBC (RED)

FREQUENCY: 1270 Kc. POWER: 1000 Watts, d.: 500 Watts, n. OWNED BY: The Baltimore Radio Show, Inc. OPERATED BY: The Baltimore Radio Show, Inc. BUSINESS ADDRESS: 7 St. Paul St. PHONE: Plaza 6030-1-2-3-4. STUDIO ADDRESS: 7 St. Paul St. TRANSMITTER LOCATION: 5801 Radio Road. TIME ON THE AIR: 6:30 A.M. to 12:00 midnight; Sunday, 8:00 A.M. to midnight, NEWS SERVICE: Transradio Press. MAINTAINS ARTISTS' BUREAU. TRANSCRIPTION SERVICES: World Broadcasting System. Maintains own complete recording equipment.

Personnel

PresidentRobert S. Maslin
Station Manager
Commercial Manager Purnell H. Gould
Advertising Manager Robert S. Maslin, Jr.
Artists' Bureau HeadJos. Imbroglio
Production ManagerBert Hanauer
Sales ManagerPurnell H. Gould
Publicity DirectorRobert S. Maslin, Jr.
Musical DirectorJos. Imbroglio
Chief Engineer

POLICIES

Does not accept liquor advertising or foreign language accounts.

Special merchandising: Tie-ups with six county papers. Use quarter page in each weekly. Tie-ups with eight movie houses. Use trailers. Tie-ups with three magazines. Trade notices to wholesalers.

REPRESENTATIVE

Edward Petry & Co., Inc.

WTBO

CUMBERLAND-EST. 1928

MARYLAND COVERAGE AND QUAKER NETWORK

FREQUENCY: 800 Kc. POWER: 250 Watts. OWNED BY: Associated Broadcasting Corp. OPERATED BY: Associated Broadcasting Corp. BUSINESS ADDRESS: 31 Frederick St. PHONE: Cumberland 299. STUDIO ADDRESS: 31 Frederick St. TRANSMITTER LOCATION: Fort Hill. TIME ON THE AIR: 7:30 A.M. to local sunset, at Dallas, Tex.: Sunday, 8:30 A.M. to local sunset at Dallas. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: World Broadcasting System.

Personnel

PresidentRoger V	W. Clipp
Vice-PresidentFrank V	. Becker
Secretary	. Heskett
Treasurer-General	
Manager	laughton
Chief AnnouncerRobert R	osamond
Chief Engineer	. Lenhert

POLICIES

All advertising copy must be in good taste. Must comply with FCC and Federal Trade Commission regulations.

Merchandising through dealer contact and assistance.

REPRESENTATIVE

Joseph Hershey McGillvra

WFMD

"IN THE HEART OF MARYLAND" FREDERICK—EST. 1936

FREQUENCY: 900 Kc. POWER: 500 Watts. OWNED BY: Monocacy Broadcasting Co. OPERATED BY: Same. BUSINESS ADDRESS: Winchester Hall. PHONE: 1466. STUDIO ADDRESS: Winchester Hall Bidg., and Hippodrome Theatre Bidg., Baltimore, Md. TRANSMITTER LOCATION: Jefferson Pike. TIME ON THE AIR: 6:30 A.M. to local sunset: Sunday, 9:00 A.M. to local sunset: Sunday, 9:00 A.M. to local sunset. SERVICE: Transradio Press. TRANSCRIPTION SERVICE: World Broadcasting System. MAINTAINS ARTISTS' BUREAU.

Personnel

General and Commercial
Manager A. V. Tidmore
Chief Announcer
Program Director

Publicity Director	.Hugh F. Ferguson
Artists Bureau Head	Winston Shipley
Musical Director	Winston Shipley
Chief Engineer	John A. Fels

POLICIES

No stated special policies.

WJEJ

HAGERSTOWN-EST, 1932

FREQUENCY: 1210 Kc. POWER: 100 Watts, d.; 50 Watts, n. OWNED BY: Hagerstown Broadcasting Co. OPERATED BY: Hagerstown Broadcasting Co. BUSINESS ADDRESS: 16 West Washington St. STUDIO ADDRESS: 16 West Washington St. TRANSMITTER LOCATION: Hagerstown. TIME ON THE AIR: Monday, Wednesday and Friday: 6:30 A.M. to local sunset; Tuesday, Thursday, Saturday and Sunday, 6:30 A.M. to 1:00 P.M. TRANSCRIPTION SERVICE: NBC Thesaurus.

Personnel

General Manager Grover C. Crilley

WSAL

"THE EASTERN SHORE'S OWN STATION"
"THE RADIO VOICE OF THE DELMARVA
PENINSULA"

SALISBURY—EST. 1937

MARYLAND COVERAGE NETWORK FREQUENCY: 1200 Kc. POWER: 250 Watts. OWNED BY: Frank M. Steams. OPERATED BY: Same. BUSINESS ADDRESS: 415 E. Main St. PHONE: 1540-1. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: (Daily) 6:30 A.M. to local sunset; (Sunday) 8:00 A.M. to local sunset. NEWS SERVICE: United Press. TRANSCRIPTION SERVICES: Standard Library and NAB Library radio transcripts.

Personnel

Owner and Station Manager . Frank M. Stearns Program Manager and Chief

Announcer Deane Long
Musical Director H. Fulton Brewington
Publicity Director Robert Rogers
Continuity Chief Major Robb
Chief Engineer Richard W. Bullers

POLICIES

No liquor advertising accepted. All advertising presented on highest standards and copy must conform with station policies and FTC

Merchandising: Station will cooperate on all types of merchandising upon request.

REPRESENTATIVE

Weed & Co.

an ad for WEEL

good for 1939 or any year

ALL year long WEEI delivers the biggest and richest market of any Boston station...

the entire Boston Retail Trading Area (Metropolitan and Greater Boston) PLUS 27 (Metropolitan and Greater Boston) which is the properties of the pust-as-important outside counties from the Canadian border to Cape Cod.*

Anadian border to Cape

Night and day WEEI speeds into New
England radio homes those audience.

building local and Columbia network
building local and have helped make
programs which have helped make
weel the most popular station in both
parts of the All-Boston market.*

That's WEEI's story, good for a year...

That's WEEI's story, good for a year.!

any year. It's a twelve-month's tale worth

any year. *Shall we send you the details?

telling...*

WEEI

BOSTON . A CBS STATION

Operated by Columbia Broadcasting System. Represented by RADIO SALES

MASSACHUSETTS

Population 4,426,000

Number of Families 1,104,000

Number of Radio Homes 1,019,200

Retail Sales \$1,461,180,000

Auto Registrations 733,800

W O C B *

BARNSTABLE TOWNSHIP— EST. 1939

FREQUENCY: 1210 Kc. POWER: 250 Watts, d.; 100 Watts, n. OWNED BY: Harriet M. Alleman and Helen W. MacLellan. OPERATED BY: Cape Cod Broadcasting Co. BUSINESS ADDRESS: Osterville, Mass. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: Full Time License. NEWS SERVICE: Transradio Press.

'Station was licensed under a C. P. at time of going to press and expected to start regular operations by April, 1939.

WAAB

"KEY STATION--COLONIAL NETWORK"

BOSTON—EST. 1930 MUTUAL—COLONIAL

FREQUENCY: 1410 Kc. POWER: 1000 watts, d.; 500 watts, n. OWNED BY: The Yankee Network, Inc. OPERATED BY: The Yankee BUSINESS ADDRESS: 21 Network, Inc. PHONE: Brookline Āve. Comm. ADDRESS: 21 Brookline STUDIO Āve. TRANSMITTER LOCATION: Squantum (Quincy). TIME ON THE AIR: 7:00 A.M. to 1:30 A.M.; Sunday, 7:30 A.M. to 1:30 A.M. NEWS SERVICE: Colonial Network News Service, International News Service, Universal Service. ARTISTS BUREAU: Colonial Network Artists Bureau. TRANSCRIPTION SERVICE: Associated Library, Colonial Network Transcription Service.

Personnel

PresidentJohn Shepard, 3rd
Vice-President in Charge of
Station Operations
Vice-President in Charge of
Sales and ProductionLinus Travers
Commercial Manager
Merchandising ManagerC. McVarish
Artists Bureau Head Van Sheldon
Sales Manager
Assistant Sales ManagerGerald Harrison
Publicity DirectorA. J. Stephenson
Musical DirectorAndrew Jacobson
Chief EngineerIrving B. Robinson
Tech. Director

POLICIES

Foreign language accounts accepted in daytime only and adjacent to present foreign language programs. Must be accompanied by strict translation of subject matter. All continuity subject to approval of Better Business Bureau and the proprietory association. All continuity subject to station's standards and must be approved before being broadcast.

Merchandising department which contacts the principal chain store buyers and key wholesalers and jobbers. Tie-up with the New England Poultrymen where station provides advertising to clients in this field. Maintain complete mailing lists on the principal retail trades and send out a radiogram form to this trade charging only I cent postage. A limited number of personal letters will be sent charging the client for postage. All services depend on volume of business and type of broadcast.

REPRESENTATIVES

Edward Petry & Co., Inc.

WBZ & WBZA

BOSTON & SPRINGFIELD EST. 1921

NATIONAL BROADCASTING CO. (BASIC BLUE)

FREQUENCY: 990 Kc. POWER: WBZA-Springfield—1,000 Watts. WBZ-Boston—50,000 Watts. OWNED BY: Westinghouse Electric & Mfg. Co. OPERATED BY: Same. Programmed by National Broadcasting Co. BUSINESS ADDRESS: WBZ, Hotel Bradford, Boston. WBZA, Hotel Kimball, Springfield, PHONE: WBZ—Hancock 4261, WBZA—Springfield 6-8336. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: WBZ — Millis. WBZA—Springfield. TIME ON THE AIR: 6:00 A.M. to 1:00 P.M. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: NBC Thesaurus.

Personnel

President	Geo H Bucher
Station Manager	
Program Manager	John F. McNamara
Chief Announcer	Robert E. Waite
Sales Manager	Frank R. Bowes
Publicity Director	George A. Harder

Musical Director......John H. Wright Plant Manager.......Dwight A. Myer (WBZ)

POLICIES

Accepts beer and ale accounts. Does not accept wine, liquor or foreign language accounts. NBC policies apply otherwise.

Merchandising: Station has illuminated display cabinets for client use in studio lobby and picture easel in hotel lobby. Also makes pre-announcements for clients placing new shows on WBZ & WBZA.

REPRESENTATIVE

National Broadcasting Co., Inc.

BOSTON—EST. 1935

FREQUENCY: 1120 Kc. POWER: 500 watts. OWNED BY: Mass. Broadcasting Corp. OP-ERATED BY: Mass. Broadcasting Corp. BUSI-NESS ADDRESS: Copley Plaza Hotel. PHONE: Commonwealth 1717. STUDIO ADDRESS: Copley Plaza Hotel. TRANSMITTER LOCA-TION: Speedway, Brighton. TIME ON THE AIR: Daytime to local sunset. MAINTAINS ARTISTS' BUREAU. NEWS SERVICE: Trans-TRANSCRIPTION SERVICE: radio Press. World Broadcasting System.

Personnel

President	. Harold	A.	Lafount
General Manager	. Gerald	H.	Slattery

Program Director....Katherine F. Batchelder Production Manager......Arthur Hall Public Relations Director. John K. Gowen, 3rd Artists' Bureau Head......Eleanor Kane

POLICIES

Liquor advertising accepted. Foreign language translations required.

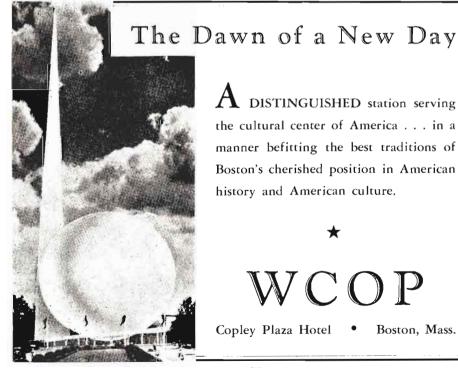
Complete merchandising facilities, including advance telegrams to dealers, mail breakdown and tabulation, are supplied.

"COLUMBIA'S FRIENDLY VOICE IN BOSTON"

BOSTON—EST. 1924

COLUMBIA BROADCASTING SYSTEM NEW ENGLAND NETWORK

FREQUENCY: 590 Kc. POWER: 5000 watts, d.; 1000 watts, n. OWNED BY: Boston Edison Co. OPERATED BY: Columbia Broadcasting System. BUSINESS ADDRESS: 182 Tremont PHONE: Hubbard 2323. STUDIO AD-DRESS: 182 Tremont St. TRANSMITTER LO-CATION: Medford. TIME ON THE AIR: (daily) 6:30 a.m. to 1:00 a.m., (Sunday) 8:00 a.m. to 1:00 a.m. NEWSPAPER AFFILIATION: Boston Herald-Traveler. NEWS SERVICE: United



 ${f A}$ DISTINGUISHED station serving the cultural center of America . . . in a manner befitting the best traditions of Boston's cherished position in American history and American culture.

$^{\prime}$ C O P

Copley Plaza Hotel •

Boston, Mass.

Press. TRANSCRIPTION SERVICE: World Broadcasting System.

Personnel

Station Manager
Sales ManagerKingsley Horton
Production Manager L. G. Del Castillo
Musical Director
Chief EngineerP. K. Baldwin
Chief Announcer

POLICIES

No liquor advertising; no foreign language accounts. Follows CBS network policies.

No special merchandising or exploitations. Attempt always to achieve good publicity and to use the station's facilities to interest the radio audience in new programs, new events, and new policies.

REPRESENTATIVE

Radio Sales, Inc.

WHDH

"THE VOICE FROM HOME"

BOSTON—EST. 1929

FREQUENCY: 830 Kc. POWER: 1000 watts. OWNED BY: Matheson Radio Co., Inc. OPERATED BY: Matheson Radio Co., Inc. BUSINESS ADDRESS: Hotel Touraine, 62 Boylston St. PHONE: Hancock 0900-1-2. STUDIO ADDRESS: Hotel Touraine, 62 Boylston St. TRANSMITTER LOCATION: Saugus. TIME ON THE AIR: 7:00 a.m. until sunset in Denver (approximately two hours after local sunset). NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICES: Standard Radio, C. P. MacGregor, Langworth Features.

Personnel

President	John J. Matheson
Station Manager	Ralph G. Matheson
Commercial Manager	.Ralph G. Matheson
Chief Announcer	.Frederick Garrigus
Sales Manager	.Ralph G. Matheson
Publicity Director	John J. Matheson
Musical Director	Kenneth Wilson
Chief Engineer	Watson Kownaski

POLICIES

Liquor advertising accepted but with all due restrictions.

W M E X

"FIRST IN PROGRAMS; FIRST ON YOUR DIAL"

BOSTON—EST. 1934 INTER-CITY

FREQUENCY: 1500 Kc. POWER: 250 Watts. d.; 100 Watts, n. OWNED BY: Northern Corporation. OPERATED BY: Same. BUSINESS ADDRESS: WMEX Bldg., 70 Brookline Ave. PHONE: Com. 3900-1. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Chelsea (has C. P. for 5000 watt transmitter on 1470 Kc. to be located at Milton). TIME ON THE AIR: 8:00 A.M. to midnight. NEWS SERVICE: Christian Science Monitor. TRANSCRIPTION SERVICE: NAB Library.

Personnel

PresidentJohn E. Reilly
Station Manager
Commercial Manager
Sales Manager
Publicity Director Vivienne Cameron
Musical Director
Chief Engineer

POLICIES

Station does not accept liquor advertising; station will accept foreign language accounts. Station uses a planned series of strategic billboard advertisements. All advertising subject to approval of station management.

REPRESENTATIVE

Craig & Hollingbery, Inc.

WNAC

"KEY STATION-YANKEE NETWORK"

BOSTON—EST. 1922

NBC (RED)-YANKEE NETWORK

FREQUENCY: 1230 Kc. POWER: 5000 watts, d.: 1000 watts, n. OWNED BY: The Yankee Net., Inc. OPERATED BY: The Yankee Net., Inc. BUSINESS ADDRESS: 21 Brookline Ave. PHONE: Comm. 0800. STUDIO ADDRESS: 21 Brookline Ave. TRANSMITTER LOCATION: Squantum (Quincy). TIME ON THE AIR: 6:00 a.m. to 1:05 a.m. (daily), 8:00 a.m. to 1:05 a.m. (Sunday). NEWS SERVICES: Yankee Network News Service, International News Service, Universal Service. MAINTAINS ARTISTS BUREAU: TRANSCRIPTION SERVICES: Associated Library, Yankee Network Transcription Service.

Personnel

PresidentJohn Shepard, 3rd
Vice-President in Charge of
Station Operations R. L. Harlow
Vice-President in Charge of
Sales and ProductionLinus Travers
Merchandising Manager G. McVarish
Artists Bureau HeadVan Sheldon
Assistant Sales ManagerGerald Harrison
Publicity Director A. J. Stephenson
Musical DirectorFrancis J. Cronin
Chief Engineer
Tech. DirectorPaul A. DeMars

POLICIES

No foreign language accounts accepted. All continuity subject to approval of Better Business Bureau and the proprietory association. All continuity subject to our station's standards and must be approved before being broadcast.

A merchandising department which contacts the principal chain store buyers and key wholesalers and jobbers. A tie-up with the Apothecary Magazine, official New England Pharmaceutical Association organ. Maintains complete mailing lists on the principal retail trades and send out a radiogram form to this trade chaging only 1 cent postage. A limited number of personal letters will be sent charging the client for postage. All services depend

on volume of business and type of broadcast.

REPRESENTATIVE

Edward Petry & Co., Inc.

WORL

"BOSTON'S INDEPENDENT STATION"
NEWS OF THE HOUR, ON THE HOUR,
EVERY HOUR

BOSTON—EST. 1926

FREQUENCY: 920 Kc. POWER: 500 Watts. OWNED BY: Broadcasting Service Organization, Inc. OPERATED BY: Broadcasting Service Organization, Inc. BUSINESS ADDRESS: Myles Standish Hotel, 610 Beacon St. PHONE: Commonwealth 5100. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Needham. TIME ON THE AIR: 7:00 A.M. to local sunset. NEWS SERVICE: Transradio Press. MAINTAINS ARTISTS BUREAU. TRANSCRIPTION SERVICE: Standard Radio Library.

Personnel

PresidentH	
Station Manager	
Promotion Manager	.Frederick Bailey
Artists' Bureau Head	
Chief Announcer	Richard Bates
Program Director	Robert N. Perry
Publicity Director	larjorie L. Spriggs
Chief Announcer	.George Crowell
Musical Director	Jack Berry

Primary Coverage includes

Lawrence Lowell' Haverhill Lynn Melrose Salem o Nashua Excter

Nashua Exeter Beverly Peabody Newburyport

Etc.

680 Kilocycles

National Rep. WEED

& CO.

WLAW

in the Heart of Industrial New England

Not the biggest market in the United States but WLAW's own exclusive market.

The Merrimack Valley of New England is completely covered by WLAW—the only medium serving all of the 862,520 persons in this rich industrial and agricultural district with its 0.5 mv. area.

Owned and operated by Hildreth & Rogers Co. Lawrence, Massachusetts

POLICIES

Liquor advertising not acceptable.

Special merchandising features in connection with commercial programs include: Telegrams announcing campaign and program sent to all dealers: Promotional photographs; Commercial programs promoted in station's weekly flyers sent to extensive mailing list.

Active research and market analysis. New programs publicized in all New England newspapers and by courtesy announcements.

REPRESENTATIVE

Burn-Smith Co.

WSAR

"WE SHOW ADVERTISING RESULTS"

FALL RIVER—EST. 1921

MUTUAL—COLONIAL & YANKEE FREQUENCY: 1450 Kc. POWER: 1000 Watts. OWNED BY: Doughty & Welch Elect. Co., Inc. OPERATED BY: Doughty & Welch Electric Co., Inc. BUSINESS ADDRESS: 417 Academy of Music Bldg. PHONE: Fall River 450-1. STUDIO ADDRESS: 417 Academy of Music Bldg. TRANSMITTER LOCATION: South Somerset. TIME ON THE AIR: (Daily) 7:30 A.M. to 12:00 midnight; (Sunday) 8:00 A.M. to 12:00 midnight; (Sunday) 8:00 A.M. to 12:00 midnight, NEWS SERVICE: Yankee Network News Service. Local news service compiled by local news reporter. TRANSCRIPTION SERVICE: Standard Radio. MAINTAINS ARTISTS' BUREAU.

Personnel

Production Manager and

Publicity Director F. J. McLaughlin, Jr. Musical Directo J. Y. Welch Chief Engineer John C. Pavao

POLICIES

Does not solicit liquor advertising. Carries foreign language programs.

Special merchandising tie-ins are made in radio publications, calling special attention to the program. A local house organ—This Week, calls attention to local programs and network features. In the latter instance, the local representative of the product is also mentioned, even though that representative does not participate in the program.

REPRESENTATIVE

Joseph Hershey McGillvra

WHAI

"THIS IS THE TRI-STATE BROADCAST-ING SERVICE"

GREENFIELD-EST. 1938

FREQUENCY: 1210 Kc. POWER: 250 Watts. OWNED BY: John W. Haigis. OPERATED BY: John W. Haigis. BUSINESS ADDRESS: Mansion House. STUDIO ADDRESS: Mansion House. TRANSMITTER LOCATION: Woodard Road. TIME ON THE AIR: 7:00 A.M. to local sunset. NEWS SERVICE: Yankee Network News Service. TRANSCRIPTION SERVICE: NBC Thesaurus.

Personnel

Owner	John W. Haigis
Manager	James L. Spates
Commercial Manager	.Edward J. McHugh
Program Director	Warren Greenwood

POLICIES

Complete merchandising facilities available to meet the requirements of individual clients. Will not accept hard liquor advertising.

WLAW

"THE VOICE OF NORTHERN NEW ENGLAND"

LAWRENCE-EST. 1937

INTERCITY

FREQUENCY: 680 Kc. POWER: 1000 Watts. OWNED BY: Hildreth & Rogers Co. OPERATED BY: Hildreth & Rogers Co. BUSINESS ADDRESS: 278 Essex St. PHONE: 4171 and 4107. STUDIO ADDRESS: 278 Essex St. TRANSMITTER LOCATION: Andover. TIME ON THE A!R: 7:00 A.M. to local sunset. NEWSPAPER AFFILIATIONS: Lawrence Daily Eagle, The Evening Tribune. NEWS SERVICE: Associated Press (non-Commercial). TRANSCRIPTION SERVICES: Standard Radio, NBC Thesaurus.

Personnel

President	A. H. Rogers
General Manager	Irving E. Rogers
Commercial Manager	David M. Kimel
Program Director	.Stanley N. Schultz
Production Manager	H. Harrison Flint
Chief Engineer	George R. Luckey

POLICIES

Adhere to ethics of N. A. B.

REPRESENTATIVE

Weed & Company

WLLH

"VOICE OF THE MERRICK VALLEY"

LOWELL-LAWRENCE—EST. 1934

MUTUAL—YANKEE & COLONIAL

FREQUENCY: 1370 Kc. POWER: 250 Watts, d.: 100 Watts, n. OWNED BY: Merrimac Broadcasting Co., Inc. BUSINESS ADDRESS: Rex Center. PHONE: Lowell 2121. STUDIO ADDRESS: Rex Center: also Cregg Bldg., Lawrence. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 7:30 A.M. to 12:00 midnight. NEWS SERVICES: Yankee Network News Service (INS): Complete local news coverage. HAS ARTISTS' BUREAU AFFILIATION. TRANSCRIPTION SERVICE: Associated Music.

Personnel

President	A. S. Moffat
Station Manager	Robert F. Donahue
Commercial Manager	Haskell Bloomberg
Production Manager	Thomas Clayton
Chief Engineer	Anthony Michaels
DOLIG	TEC

POLICIES

Copy on liquor advertisements must not tend to stimulate the use of alcohol.

REPRESENTATIVE

Edward Petry & Co., Inc.

WNBH

"THE STANDARD-TIMES STATION"

NEW BEDFORD—EST. 1921

COLONIAL—YANKEE—MUTUAL

FREQUENCY: 1310 Kc. POWER: 250 Watts, d.: 100 Watts, n. OWNED BY: E. Anthony & Sons, Inc. OPERATED BY: E. Anthony & Sons, Inc. BUSINESS ADDRESS: 251 Union St. PHONE: 5533. STUDIO ADDRESS: 251 Union St. TRANSMITTER LOCATION: Fairhaven. TIME ON THE AIR: 7:30 A.M. to 11:30 P.M. (daily): 7:30 A.M. to midnight (Saturday): 8:45 A.M. to 11:30 P.M. (Sunday). NEWSPAPER AFFILIATIONS: Standard-Times, Morning Mercury. NEWS SERVICE: Associated Press, International News Service, United Press, TRANSCRIPTION SERVICE: Standard Radio.

Personnel

General Manager	Irving	Ver	milya
Assistant Manager	S	ol (Chain
Chief Engineer	Cly	de l	Pierce

POLICIES

Advertising of alcoholic beverages, excepting beers and wines, not accepted. Foreign programs must be open to all advertisers. Laxative not accepted.

Programs contracted for 13 weeks or more receive ten-inch advertisement in Standard-Times and Morning Mercury.

WBRK

"VOICE OF THE BERKSHIRES" PITTSFIELD—EST. 1938

COLUMBIA BROADCASTING SYSTEM

FREQUENCY: 1310 Kc. POWER: 250 Watts, d.: 100 Watts, n. OWNED BY: Harold Thomas. OPERATED BY: Harold Thomas. BUSINESS ADDRESS: 8 Bank Row. STUDIO ADDRESS: Same. TIME ON THE AIR: 7:00 A.M. OR 1:00 A.M. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: Associated.

PERSONNEL

Owner and General ManagerHarold Thomas
Commercial ManagerBruff W. Olin
Program Director
Chief EngineerNorman Blake

POLICIES

No hard liquor advertising accepted; beer and wines accepted (preferably after 10 P.M.).

REPRESENTATIVE

Gene Furgason & Co.

WMAS

"THE VOICE OF WESTERN MASSACHUSETTS"

SPRINGFIELD—EST. 1932

COLUMBIA BROADCASTING SYSTEM FREQUENCY: 1420 Kc. POWER: 250 Watts, d.: 100 Watts, n. OWNED BY: Radio Station WMAS, Inc. OPERATED BY: Radio Station WMAS, Inc. BUSINESS ADDRESS: Hotel Charles. PHONE: 7-1414-5. STUDIO ADDRESS: Hotel Charles. TRANSMITTER LOCATION: Pynchon Park, West St. TIME ON THE AIR: (daily) 7::00 A.M. to 1:00 A.M. (Sunday) 8:30 A.M. to 1:00 A.M. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: Associated Recorded Program Service.

Personnel

President		
Program DirectorF.	Turn	er Cooke
Chief Announcer	arl !	Raymond
Chief EngineerEarl	G. I	Hewinson

POLICIES

Foreign language programs acceptable. English copy must be submitted in advance, announcements carefully edited. Copy restrictions: Accept beer, wine, and liquors, subject to strict supervision: patent medicine advertising restricted; all copy subject to station approval.

REPRESENTATIVE

Edward Petry & Co., Inc.

WSPR

SPRINGFIELD—EST. 1936
MUTUAL BROADCASTING SYSTEM—

YANKEE and COLONIAL NETWORKS FREQUENCY: 1140 Kc. POWER: 500 Watts. OWNED BY: Connecticut Valley Broadcasting Co. OPERATED BY: Connecticut Valley Broadcasting Co. BUSINESS ADDRESS: 63 Chestnut St. PHONE: Springfield 6-2757. STUDIO ADDRESS: 63 Chestnut St. TRANSMITTER LOCATION: West Springfield. TIME ON THE AIR: 7-00 A.M. to sunset (at Birmingham, Ala.). NEWSPAPER SERVICE: Transradio Press and Yankee Network News Service. MAINTAINS AN ARTIST BUREAU. TRANSCRIPTION SERVICE: Standard Radio.

Personnel

President-Station Manager. Quincy A. Brackett
TreasurerLewis B. Breed
Program Director
Chief AnnouncerElwin Tacy
Chief Engineer H. W. Holt

POLICIES

Wine and beer advertising accepted. No hard liquor advertising accepted.

Foreign language programs accepted in limited number.

REPRESENTATIVE

George P. Hollingbery Co.

WORC

"BROADCASTING HOUSE"

WORCESTER-EST, 1925

COLUMBIA BROADCASTING SYSTEM FREQUENCY: 1280 Kc. POWER: 500 Watts. OWNED BY: A. F. Kleindienst. OPERATED BY: Same. BUSINESS ADDRESS: 65 Elm St. PHONE: 5-3101. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Auburn. TIME ON THE AIR: 8:00 A.M. to midnight. TRANSCRIPTION SERVICE: NBC Thesqurus.

Personnel

Owner		 	 	 . A.	F.	Klei	ndi	enst
Station	Manager	 	 	 		E.	E.	Hill
Chief E	ngineer	 	 	 A.	F.	Klei	ndi	enst

POLICIES

Does not accept programs in foreign language. Liquor advertising restricted to light wines and ales.

REPRESENTATIVE

George P. Hollingbery

WTAG

"THE VOICE FROM THE HEART OF NEW ENGLAND"

WORCESTER—1924

NBC (RED)—YANKEE NETWORK
FREQUENCY: 580 Kc. POWER: 1000 watts.
OWNED BY: Worcester Telegram Pub. Co.,
Inc. OPERATED BY: Worcester Telegram Pub.
Co., Inc. BUSINESS ADDRESS: 18 Franklin
St. PHONE: Worcester 5-4321. STUDIO ADDRESS: 18 Franklin St. TRANSMITTER LOCATION: Holden. TIME ON THE AIR: 7:30
a.m. to 12:00 midnight. NEWSPAPER AFFILIATIONS: Worcester Telegram, Evening
Gazette, Sunday Telegram: All published by
the Worcester Telegram Pub. Co., Inc. NEWS
SERVICE: Associated Press (non-commercial).
TRANSCRIPTION SERVICE: World Broadcasting System.

Personnel

Vice-President-General	
Manager	George F. Booth
Director	Edward E. Hill
Commercial Manager	
Chief Announcer	Chester Gaylord
Publicity Director	Frederick L. Rushton
Program Director	Lillian Moynihan
Chief Engineer	Hobart H. Newell

POLICIES

Does not take liquor advertising, foreign language accounts or sell announcements in the news.

REPRESENTATIVE

Weed & Company, New York

MICHIGAN=

Population 4,830,000

Number of Families 1,220,000

Number of Radio Homes 1,122,200

Retail Sales \$1,388,236,000

Auto Registrations 1,245,441

WELL

BATTLE CREEK—EST. 1925 NATIONAL BROADCASTING CO. MICHIGAN RADIO NETWORK

FREQUENCY: 1420 Kc. POWER: 100 Watts. OWNED BY: Enquirer-News Co. OPERATED BY: Same. BUSINESS ADDRESS: 1 West Michigan Ave. PHONE: 5655-7166. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 7:00 A.M. to midnight: Sunday, 9:00 A.M. to 12:00 midnight. NEWSPAPER AFFILIATIONS: Enquirer-News. NEWS SERVICE: Associated Press (Non-Commercial).

Personnel

President
General ManagerD. E. Jayne
Commercial ManagerF. F. Owen
Program DirectorA. H. Haight
Chief Engineer

POLICIES

No spirituous liquor advertising accepted; no foreign language programs. Right reserved to discontinue programs for reasons sufficient to station. All copy subject to station approval.

Merchandising service available plus special newspaper cooperation in publicity.

REPRESENTATIVE

Burn-Smith Co.

WBCM

"THE VOICE OF NORTHEASTERN MICHIGAN"

BAY CITY—EST. 1928

NBC-MICHIGAN RADIO NETWORK

FREQUENCY: 1410 Kc. POWER: 1000 watts, d.; 500 watts, n. OWNED BY: Bay Broadcasting Co., Inc. OPERATED BY: Same. BUSINESS ADDRESS: 104 Center Ave. PHONE: 4700-1. STUDIO ADDRESS: Same. TRANSCIME ON THE AIR: (Sunday) 6:00 A.M. to 12:00 midnight; (daily) 8:00 A.M. to 12:00 midnight. TRANSCRIPTION SERVICE: Standard Library.

Personnel

President James E. Davidson Station Manager S. W. Edwards Chief Engineer Ralph H. Carpenter

REPRESENTATIVE

George P. Hollingbery Co.

WHDF

"MICHIGAN'S TIP-TOP STATION"

CALUMET—EST. 1929
FREQUENCY: 1370 Kc. POWER: 250 watts.

d.: 100 watts, n. OWNED BY: Upper Michigan Broadcasting Co. OPERATED BY: Upper Michigan Broadcasting Co. BUSINESS ADDRESS: Hotel Scott, Hancock, Mich. PHONE: Hancock I; and Calumet 869. STUDIO ADDRESS: 515 Scott St.: and Hotel Scott. TRANSMITTER LOCATION: Laurium. TIME ON THE AIR: 11:30 A.M. to 7:00 P.M. NEWS SERVICE: Associated Press and local news. NEWSPAPER AFFILIATIONS: The Daily Morning Gazette, The Evening News-Journal. TRANSCRIPTION SERVICE: World Broadcasting System, Lang-Worth.

Personnel

General Manager	John W. Rice
Commercial Manager	Merrill F. Trapp
Program Director	Albert W. Payne
Technical SupervisorGe	orge W. Burgan

POLICIES

Accepts beer and liquor ads.

Run daily programs of WHDF in the morning in the Gazette and in the evening in the News, also free newspaper publicity and mats if the contract warrants such cooperation.

REPRESENTATIVE

Small & Brewer, Inc.

WJBK

"TWENTY-FOUR HOUR STATION"

DETROIT-EST. 1928

FREQUENCY: 1500 Kc. POWER: 250 watts, d.: 100 watts, n. OWNED BY: James F. Hopkins, Inc. OPERATED BY: James F. Hopkins, Inc. BUSINESS ADDRESS: 6559 Hamilton. PHONE: Trinity 2-2000. STUDIO ADDRESS: 6559 Hamilton. TRANSMITTER LOCATION: 12897 Woodward Ave. TIME ON THE AIR: 24 hours per day. NEWS SERVICE: International News Service. TRANSCRIPTION SERVICE: Associated Music, Standard Popular Library, NAB (Public Domain).

Personnel

Chief AnnouncerCh	arles Starrett
Station ManagerJame	s F. Hopkins
Publicity Director	rank Perkins
Musical DirectorSy	ybil Krieghoff
Chief Engineer	.Paul Frinke

POLICIES

No liquor advertising before 10:00 P.M. Extensive foreign hours.

REPRESENTATIVE

Howard H. Wilson Co.

WJR

"GOODWILL STATION"

DETROIT—EST. 1925

COLUMBIA BROADCASTING SYSTEM FREQUENCY: 750 Kc. POWER: 50,000 watts. OWNED BY: WJR Goodwill Station. OPERATED BY: WJR Goodwill Station. BUSINESS ADDRESS: Fisher Bldg. PHONE: Madison 4440. STUDIO ADDRESS: Fisher Bldg. TIME ON THE AIR: 5:30 A.M. to 1:00 A.M. MAINTAINS ARTISTS' BUREAU. NEWS SERVICE: International News Service. TRANSCRIPTION SERVICE: World Broadcasting System, Standard Radio, NAB Library.

Personnel

President
Vice-President and
General ManagerLeo Fitzpatrick
Secretary-TreasurerP. M. Thomas
Artists' Bureau HeadNorman White
Chief AnnouncerFranklin C. Mitchell
Sales ManagerOwen Uridge
Publicity Director Neal Tomy
Musical DirectorSam Benavie
Chief Engineer

POLICIES

Do not handle foreign programs. Advertising of alcoholic beverages accepted only in the form of high class programs scheduled for release after 10:00 P.M. No other special restrictions.

REPRESENTATIVE Edward Petry & Co.

w **w** b c

W M B C

"THE HOME STATION"
DETROIT—EST. 1925

FREQUENCY: 1420 Kc. POWER: 250 watts, d.; 100 watts, n. OWNED BY: Mich. Broadcasting Co. OPERATED BY: Mich. Broadcasting Co. BUSINESS ADDRESS: 7310 Woodward. PHONE: Madison 9100. STUDIO ADDRESS: 7310 Woodward. TRANSMITTER LOCATION: 7310 Woodward. TIME ON THE AIR: 7:00 A.M. to 12:00 midnight. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: Standard Radio, Lang-Worth, Associated.

Personnel

President.....E. J. Hunt

Vice-President	.E. A	. W	/ooten
General Manager	H	. M.	Steed
Production Manager		Wm	. Jory
Sales Manager	H.	M.	Steed
Musical Director	Τατα	s H	ubic k i
Chief Engineer	E	dw.	Clark

POLICIES

Broadcast foreign language accounts. Liquor advertisements accepted after 10 p.m.

Merchandising department is maintained by station.

ww

DETROIT—EST. 1920

NATIONAL BROADCASTING CO. (RED) FREQUENCY: 920 Kc. POWER: 5,000 Watts. OWNED BY: Evening News Assn. OPERATED BY: Same. BUSINESS ADDRESS: 630 W. Lafayette. PHONE: Randolph, 2000. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Eight Mile and Meyer Rds. TIME ON THE AIR: 6:00 A.M. to 12:30 A.M. NEWSPAPER AFFILIATION: The Detroit News. NEWS SERVICE: United Press. Transradio Press.

Personnel

Station Manager
Sales Manager
Musical Director
Chief EngineerWalter Hoffman

POLICIES

Does not accept liquor advertising except light wines and beer; no foreign language accounts; no medicinal advertising.

REPRESENTATIVE

George P. Hollingbery Co.

WXYZ

"THE FAMILY STATION"

DETROIT—EST. 1930

NBC (BLUE)—CBC—(KEY STATION MICHIGAN RADIO NETWORK)

FREQUENCY: 1240 Kc. POWER: 1000 watts. OWNED BY: King-Trendle Broadcasting Corp. OPERATED BY: Same. BUSINESS ADDRESS: 17th Floor—Stroh Bldg. PHONE: PBX Cherry 8321. STUDIO ADDRESS: Atop Maccabees Bldg. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 7:00 A.M. to 1:00 A.M. NEWS SERVICES: United Press-Radio News Service. TRANSCRIPTION SERVICE: Has wide range of transcription library.

Personnel

President
Treasurer and General
Manager H. Allen Campbell
Assistant General Manager. Harry Sutton, Jr.
Studio Manager
Promotion and Advertising
Manager

Sales Manager...........Arch Shawd

Publicity Director Felix Holt
Musical Director Benny Kyte
Chief Engineer Lynn Smeby

POLICIES

No liquor advertising accepted except under approval of Michigan State Liquor Commission, and not to be broadcast before 9:00 P.M. No foreign language broadcasts accepted. All copy for all programs, commercial and sustaining must be submitted in advance of broadcasting time for approval by WXYZ's management.

Merchandising: Station claims the most effective and highly praised Merchandising Service ever offered by any broadcaster. A department of specially trained men who contact dealers and jobbers—take initial orders for goods, arrange for placing of displays and advertising, and constantly survey progress of advertised goods as regards sales volume and competitive products.

REPRESENTATIVE

Paul H. Raymer Co.

WKAR

EAST LANSING-EST, 1922

FREQUENCY: 850 Kc. POWER: 1000 watts (C. P. for 5000 watts). OWNED BY: Michigan State College. OPERATED BY: Michigan State College. BUSINESS ADDRESS: East Lansing. PHONE: 59113, Ext. 398. STUDIO ADDRESS: Campus. TRANSMITTER LOCATION: Campus. TIME ON THE AIR: 7:00 A.M. to 5:00 P.M. except Sunday. TRANSCRIPTION SERVICE: Lang-Worth.

Personnel

Station Manager......Robert J. Coleman Chief Engineer.....Norris Grover

POLICIES

An educational station—Policy is no advertising, no controversial religious or political programs.

₩FDF

FLINT-EST. 1922

NBC-BLUE

MICHIGAN RADIO NETWORK

FREQUENCY: 1310 Kc. POWER: 100 watts. OWNED BY: Flint Broadcasting Co. OPERATED BY: Flint Broadcasting Co. BUSI-NESS ADDRESS: Union Industrial Bldg. PHONE: 2-7158. STUDIO ADDRESS: Union Industrial Bldg. TRANSMITTER LOCATION: Same. TIME ON THE AIR: (daily) 6:00 a.m. to 12:00 midnight, (Sunday) 8:00 a.m. to 12:00 midnight. NEWS SERVICES: Transradio Press and WFDF News Bureau (local). TRANSCRIPTION SERVICE: N.B.C. Thesaurus.

Personnel

Station Manager	. Howard	M.L	oeb
Commercial Manager	F.	S. Lo	oeb
Program Director	. Adrian R.	Coo	per

Publicity Director	R. V. Osgood
Musical Director	.William Geyer
Chief EngineerFr	rank D. Fallain

POLICIES

Station accepts no hard-liquor advertising or foreign language accounts. All advertising scrutinized for conformity with laws and regulations of Federal Trade Commission, Pure Food and Drugs Administration, Post Office Dept., and Federal Communications Commission.

Merchandising service is available only to advertisers using programs (i.e. not to announcement buyers). There is no charge for the service, except where indicated.

Advance plugs. 50-word announcements given several days preceding start of program series.

Listing of program titles in newspapers totalling over 100,000 circulation weekly.

Listing of sponsor's program title and name in WFDF's daily resume of programs.

Use of WFDF's studios (capacity 75 persons) for dealers' sales meetings, with "pep" addresses by WFDF sales executives, when desired.

Preparing, writing and mailing of letters to dealers or consumers (this service performed at cost).

WOOD-WASH

"THIS IS GRAND RAPIDS"

GRAND RAPIDS—EST. 1923 NBC (RED & BLUE) MICHIGAN RADIO NETWORK

FREQUENCY: 1270 Kc. POWER: 500 watts. OWNED BY: King-Trendle Broadcasting Corp. OPERATED BY: King-Trendle Broadcasting Corp. OPERATED BY: King-Trendle Broadcasting Corp. BUSINESS ADDRESS: 16th floor g. r., National Bank Bldg. PHONE: 9-4211. STUDIO ADDRESS: 16th floor, g. r. National Bank Bldg. TRANSMITTER LOCATION: Bridge Road. TIME ON THE AIR: 7:00 A.M. to 12:00 P.M. NEWS SERVICE: United Press from Michigan Network, Press Radio Bureau. TRANSCRIPTION SERVICE: NBC Thesaurus, Associated Program Service.

Personnel

President	.George W. Trendle
Traffic Manager	David H. Harris
Station Manager	Stanley W. Barnett
Sales Manager	Stanley W. Barnett
Publicity Director	T. Wilcox Putnam
Musical Director	Sandy Meek
Chief Engineer	Lynne C. Smeby

POLICIES

Good taste and public confidence are the bases for all copy and programs—including liquor. No foreign languages accepted.

Merchandising includes theatre trailers—shown at nine local theaters—on all programs featuring big names.

REPRESENTATIVE

Paul H. Raymer Co.

WIMS

"VOICE OF THE GOGEBIC RANGE"

IRONWOOD—EST, 1931

FREQUENCY: 1420 Kc. POWER: 250 watts, d.; 100 watts, n. OWNED BY: WJMS, Inc. OPERATED BY: WJMS, Inc. OPERATED BY: WJMS, Inc. BUSINESS ADDRESS: St. James Hotel Annex. PHONE: 20. STUDIO ADDRESS: St. James Hotel Annex. TRANSMITTER LOCATION: North of Ironwood on U. S. No. 2 near Douglas Blvd. TIME ON THE AIR: Unlimited time; regular schedule 7:00 A.M. to 7:30 P.M.; Sunday, 10:00 A.M. to 6:00 P.M. NEWS SERVICE: Transradio Press, TRANSCRIPTION SERVICE: Associated Recorded Program Service.

Personnel

General ManagerNoel C. Ruddell
(Directs also Advertising & Publicity.)
Program and Musical DirectorHarry Wills
Chief EngineerR. L. Johnson
Sports & News Dick Hasbrook

POLICIES

Liquor, beer and wine advertising accepted. Foreign language programs accepted as there is large foreign element in this area.

Station gives merchandising service in proportion to the size of the schedule. Service includes designing and distributing placards, arranging window displays, etc.

REPRESENTATIVE

Mitchell & Ruddell, Inc.

WIBM

JACKSON-EST. 1925

NBC---BLUE

MICHIGAN RADIO NETWORK

FREQUENCY: 1370 Kc. POWER: 250 Watts, d.; 109 Watts, n. OWNED BY: WIBM, Inc. OPERATED BY: Same. BUSINESS ADDRESS: 306 W. Michigan Ave. PHONE: 6121. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 6:30 A.M. to 12:00 midnight. MAINTAINS ARTISTS BUREAU. TRANSCRIPTION SERVICE: NBC Thesaurus.

Personnel

PresidentHerman Kadner
Vice-President and Station
ManagerRoy Radner
Program Director
Publicity Director
Musical Director
Chief Engineer

POLICIES

Spirituous liquors may be advertised by programs only; beer and wine advertising have no restrictions,

WKZO

"590 ON YOUR DIAL"

KALAMAZOO-EST, 1923

NBC-BLUE

MICHIGAN RADIO NETWORK

FREQUENCY: 590 Kc. POWER: 1000 Watts (C. P. for 250 Watts, n.). OWNED BY: WZKO, Inc. OPERATED BY: WKZO, Inc. BUSINESS ADDRESS: Burdick Hotel. PHONE: Kalamazoo 3.1223. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Parchment. TIME ON THE AIR: 7:00 A.M. to local sunset. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: Standard Radio. MAINTAINS ARTISTS' BUREAU.

Personnel

President-General	ManagerJohn E.	Fetzer
Sales Manager	Guy S	stewart
Program Director.	Merun Ston	ehouse
Office Manager		Ribble
Chief Engineer	Edwin	Rector

POLICIES

Advertising of alcoholic beverages accepted. Merchandising: Will contact retail trade for checking as well as for building promotions. Will assist in setting up displays. Will supply market data of area.

REPRESENTATIVE

Howard H. Wilson Co.

WJIM

LANSING—EST. 1934 NBC—BLUE

MICHIGAN RADIO NETWORK—CBC FREQUENCY: 1210 Kc. POWER: 250 Watts, d.: 100 Watts, n. OWNED BY: WJIM, Inc. OPERATED BY: Same. BUSINESS ADDRESS: City Nat'l Bldg. PHONE: 2-1333-4-5. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 7:00 A.M. to 12:30 A.M. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: NBC Thesaurus.

Personnel

Station N	lanager					Harold	F.	Gross
Publicity	Director					H.	K.	Finch

POLICIES

All contracts subject to government regulations and station owner's approval.

WMPC

"WHERE MANY PREACH CHRIST"

LAPEER—EST. 1926

FREQUENCY: 1200 Kc. POWER: 250 watts, d.; 100 watts, n. OWNED BY: The First Methodist Protestant Church of Lapeer, OPERATED BY: The First Methodist Protestant Church of Lapeer, BUSINESS ADDRESS: 803 Liberty, PHONE: 455 J.455 M. STUDIO AD-

DRESS: 803 Liberty. TRANSMITTER LOCATION: Lapeer. TIME ON THE AIR: 9:00 A.M. to 10:30 P.M. except Saturday.

Personnel

PresidentFrank	S. He	emingway
Chief Announcer	. Nora	Eastman
Station ManagerFrank	S. He	mingway
Musical Director	A. O.	Voorheis
Chief Engineer	H.	F. Hayes

POLICIES

Non-commercial.

WBEO

MARQUETTE-EST. 1931

FREQUENCY: 1310 Kc. POWER: 100 Watts. OWNED BY: The Lake Superior Broadcasting Co. OPERATED BY: Same. BUSINESS ADDRESS: Mining Journal Bldg. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Marquette. TIME ON THE AIR: 9:30 A.M. to 1:30 P.M., and 4:30 P.M. to 7:30 P.M.; Sunday, 9:00 A.M. to 1:30 P.M. NEWSPAPER AFFILIATION: The Daily Mining Journal.

Personnel

Secretary-Treasurer and
General ManagerLeo G. Brott
Musical and Program DirectorJohn Trapp
Business and AdvertisingGordon Brozek

POLICIES

Advertising of alcoholic beverages accepted.

REPRESENTATIVE

Burn-Smith Co.

WKBZ

"THE FRIENDLY VOICE OF WESTERN MICHIGAN"

MUSKEGON-EST. 1926

FREQUENCY: 1500 Kc. POWER: 250 Watts, d.: 100 Watts, n. OWNED BY: Ashbacker Radio Corp. OPERATED BY: Same, BUSINESS ADDRESS: Michigan Theater Bldg. PHONE: 26-051. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Creston Ave. at City Limits. TIME ON THE AIR: 7:00 A.M. to 11:00 P.M. NEWS SERVICE: United Press. MAINTAINS ARTISTS' BUREAU. TRANSCRIPTION SERVICE: NBC Thesaurus.

Personnel

Station Manager	Grant F. Ashbacker
Commercial Manager .	G. F. Ashbacker
Artists' Bureau Head .	R. Van Wyck
Chief Announcer	Hilliard Eudelsky
Publicity Director	L. Collins
Musical Director	
Chief Engineer	

POLICIES

No liquor advertising. Beer only.

Maintains complete merchandising department.

REPRESENTATIVE

J. J. Devine & Associates

WHLS

"THE BLUE WATER STATION"

PORT HURON—EST. 1938

FREQUENCY: 1370 Kc. POWER: 250 Watts. OWNED BY: Harmon LeRoy Stevens and Herman LeRoy Stevens. OPERATED BY: Port Huron Broadcasting Co. BUSINESS ADDRESS: WHLS Radio Building, 932 Military Ave. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: 540—32nd St. TIME ON THE AIR: Daytime to local sunset. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: Standard Library.

Personnel

General ManagerAngus Piaff
Production ManagerHarmon L. Stevens
Farm Relations Director . Edward P. Dougherty
Chief AnnouncerFred Knorr
Chief EngineerWayne F. McDonnell

POLICIES

Station provides facilities for merchandising promotion ideas as well as continuity and program production.

WEXL

ROYAL OAK—EST. 1925

FREQUENCY: 1310 Kc. POWER: 50 Watts. OWNED BY: Royal Oak Broadcasting Co. OPERATED BY: Royal Oak Broadcasting Co. BUSINESS ADDRESS: Royal Oak. PHONE: Elmhurst 6524. STUDIO ADDRESS: 212 W. 6th St. TRANSMITTER LOCATION: 212 W. 6th St. TIME ON THE AIR: 8:00 A.M. to 4:00 A.M. NEWS SERVICE: International News Service.

Personnel

President
Commercial Manager E. C. Thompson
Chief Announcer
Station Manager E. C. Thompson
Sales ManagerE. C. Thompson
Publicity Director
Chief Engineer

POLICIES

No liquor—no patent medicines, laxatives or medicinal remedies.

MINNESOTA-

Population 2,652,000

Number of Families 652,000

Retail Sales \$820,010,000

Number of Radio Homes 556,900

Auto Registrations 708,000

KATE

'GATEWAY TO TEN THOUSAND LAKES COUNTRY''

ALBERT LEA-EST. 1937

NORTH CENTRAL BROADCASTING SYSTEM

-ASSOCIATED NORTHWEST
BROADCASTERS

FREQUENCY: 1420 Kc. POWER: 250 Watts (C.P. 100 Watts, n.). OWNED BY: Albert Lea-Austin Broadcasting Co. OPERATED BY: Same, BUSINESS ADDRESS: 332 South Broadway. PHONE: 2338. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 6:30 A.M. to local sunset; Sunday, 8:00 A.M. to local sunset. NEWS SERVICE: United Press TRANSCRIPTION SERVICE: C. P. MacGregor, World Broadcasting Co. and Standard Radio.

Southern Minnesota's popular radio station in the center of the country's richest farming area where farmers have a daily cash income industry providing year round employment. Studios in Albert Lea and Austin.

Now Operating Full Time ALBERT LEA, MINN.



KATE

ALBERT LEA-AUSTIN BROADCASTING CO.

> E. L. HAYEK, President Rep.: Gene Furgason & Co.

Personnel

z el somice
President and Station ManagerE. L. Hayek
Program DirectorSherman Booem
Publicity DirectorDorothy Hogg
Musical DirectorPeggy Lee
Chief Engineer
POLICIES

No liquor advertising except beer permitted. Foreign language accounts accepted.

Maintains merchandising aids through special programs, exploiting and featuring merchandise.

KDAL

"FIRST ON YOUR DIAL"
DULUTH—EST. 1936

COLUMBIA BROADCASTING SYSTEM FREQUENCY: 1500 Kc. POWER: 100 watts. OWNED BY: Red River Broadcasting Co. OPERATED BY: Red River Broadcasting Co. BUSINESS ADDRESS: 218 Bradley Bldg. PHONE: Melrose 2230. STUDIO ADDRESS: Bradley Bldg. TRANSMITTER LOCATION: Park Point. TIME ON THE AIR: 6:30 a.m. to 11:00 p.m. NEWS SERVICE: Transradio Press - Radio Bureau. TRANSCRIPTION SERVICE: Standard Radio.

Personnel

Station ManagerDalton LeMasurier
Commercial Manager
Merchandising ManagerDarrell Bandy
Publicity DirectorSam L. Levitan
Chief EngineerRobert A. Dettman
Program DirectorGilbert Fawcett

POLICIES

Beer and wine advertising is accepted. Foreign language broadcasts subject to approval by station management.

Merchandising department affords surveys, market data, buyer contacts and complete merchandising service

WEBC

DULUTH—EST, 1924

NATIONAL BROADCASTING COMPANY NORTH CENTRAL BROADCASTING SYSTEM FREQUENCY: 1290 Kc. POWER: 5000 Watts, d.; 1000 Watts, n. OWNED BY: Head of Lakes Broadcasting Co. OPERATED BY: Head of Lakes Broadcasting Co. BUSINESS ADDRESS: WEBC Bldg.; Androy Hotel, Hibbing. PHONE: Melrose 1537. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Superior, Wisc. TIME ON THE AIR: Unlimited; Sunday, 16 hours per day; week days, 17 hours per day. NEWSPAPER AFFILIATION: Stockholders interested in newspapers in Minnesota. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: World Broadcasting System, NBC Thesaurus

Personnel

General Manager.......Walter C. Bridges Business Manager......Thomas W. Gavin

POLICIES

Advertising of hard liquor accepted after 10:30 P.M.

REPRESENTATIVES

George P. Hollingbery Co.

KGDE

"THE LAKE REGION STATION"

FERGUS FALLS—EST. 1926

FREQUENCY: 1200 Kc. POWER: 250 Watts, d.: 100 Watts, n. OWNED BY: C. L. Jaren. OPERATED BY: Same. BUSINESS ADDRESS: Fergus Falls. PHONE: 898. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 7:00 A.M. to 9:00 P.M. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: C. P. MacGregor. MAINTAINS ARTISTS' BUREAU.

Personnel

General Manager
Program and Personnel
Manager
Chief Announcer and
Musical Director Hub Warner

POLICIES

Station reserves right to cancel all programs of objectionable character; to re-schedule any commercial period subject to immediate cancellation if not acceptable to advertiser.

Cooperates in placing displays or material for tie-in with programs; contacting retail outlets for cooperation for displays; and other assistance to give programs a chance to produce; cooperation in distribution of product to retail outlets.

REPRESENTATIVE

Burn-Smith Co.

WMFG

HIBBING-EST, 1935

COLUMBIA BROADCASTING SYSTEM
NORTH CENTRAL BROADCASTING SYSTEM

FREQUENCY: 1210 Kc. POWER: 250 Watts, d.: 100 Watts, n. OWNED BY: Head of the Lakes Broadcasting Co. OPERATED BY: Same. BUSINESS ADDRESS: Androy Hotel. PHONE: 1150. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 6:45 A.M. to 11:00 P.M. NEWSPAPER AFFILIATION: Superior (Wis.) Telegram. NEWS SERVICE: Press Radio News.

Personnel

PresidentMorgan	Murphy
Commercial Manager	S. Hyett
Station Manager	S. Hyett
Chief Engineer	Persons

POLICIES

Liquor advertising after 9 P.M. and in programs only.

Extends full merchandising cooperation.

REPRESENTATIVE

George P. Hollingbery Co.

KYSM

MANKATO-EST. 1938

ASSOCIATED NORTHWEST BROADCASTERS

FREQUENCY: 1500 Kc. POWER: 250 Watts, d.; 100 Watts, n. OWNED BY: F. B. Clements & Co. OPERATED BY: Southern Minnesota Supply Co. BUSINESS ADDRESS: 101 North Second St. PHONE: 4673. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: U. S. Highway No. 14, Nicollet County. TIME ON THE AIR: Full time license. TRANSCRIPTION SERVICE: NBC Thesaurus, Standard Radio, Associated.

Personnel

Manager.....Bob Kaufman
Program Director....Jack Holbrook

POLICIES

Advertising of alcoholic beverages are not accepted, with the exception of beer. Beer advertising will be sold only after 9:00 P.M. week days and not at all on Sundays. Internal medicine accounts subject to individual approval by station

wcco

"NORTHWEST'S MOST POWERFUL RADIO STATION"

MINNEAPOLIS-ST. PAUL—EST. 1924

COLUMBIA BROADCASTING SYSTEM

FREQUENCY: 810 Kc. POWER: 50,000 watts. OWNED BY: Columbia Broadcasting System. OPERATED BY: Columbia Broadcasting System. BUSINESS ADDRESS: 625 Second Ave., South. PHONE: Main 1202 (Minneapolis), Cedar 7666 (St. Paul). STUDIO ADDRESS: 625 Second Ave., South. TRANSMITTER LOCATION: Anoka, Minn. TIME ON THE AIR: 6:00

A.M. to midnight: Sunday, 8:00 A.M. to midnight: Saturday, 6:00 A.M. to 1:00 A.M. MAINTAINS ARTISTS' BUREAU. NEWSPAPER AFFILIATIONS: Minneapolis Star. NEWS SERVICE: United Press.

Personnel

General Mgr. E. H. Gammons
Assistant General Manager John McCormick
Production Manager Hayle C. Cavanor
Sales Manager Carl J. Burkland
Artists Bureau Head Al Sheehan
Sales Promotion Director Robert L. Hutton, Jr.
Chief Engineer Hugh S. McCartney

POLICIES

Advertising of alcoholic beverages or laxative medicines not accepted.

Special publicity arrangement with the Minneapolis Star. Food and drug accounts receive special advertisements in Northwestern Druggist or Grocers Commercial Bulletin trade magazines. Other special services available.

REPRESENTATIVE

Radio Sales

WDGY

"THE MUSICAL STATION"

MINNEAPOLIS-ST. PAUL—EST. 1923

MUTUAL BROADCASTING SYSTEM

FREQUENCY: 1180 Kc. POWER: 5000 Watts, d.; 1000 Watts, n. OWNED BY: Geo. W. Young OPERATED BY: Geo. W. Young. BUSINESS ADDRESS: Hotel Nicollet. PHONE: Cherry 3377-8-9, Midway 6363. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Superior Blvd. TIME ON THE AIR: 6:00 A.M. to 8:15 P.M. MAINTAINS ARTISTS' BUREAU. NEWS SERVICES: Trans-radio news service. Gertrude Lewis, special correspondents in 9 cities on Women's News. TRANSCRIPTION SERVICES: Standard Radio, Lang-Worth, NAB Library.

Personnel

POLICIES

Liquor advertising accepted on general copy, but no mention of whiskey.

Complete merchandising service under direction merchandising manager.

REPRESENTATIVE

Howard H. Wilson Co. Edward S. Townsend (San Francisco)

WLB

"FOR GOOD MUSIC, TUNE IN 760"

MINNEAPOLIS—EST, 1922

FREQUENCY: 760 Kc. POWER: 5000 Watts (Construction Permit for 5000 watts). OWNED BY: University of Minnesota. OPERATED BY: University of Minnesota. BUSINESS ADDRESS: Minneapolis. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: North Cleveland Ave. and County Rd. A-2, St. Paul. TIME ON THE AIR: Shares daytime hours with WCAL.

Personnel

Manager	. Burton	Paulu
Program Director	liam H.	Sever
Chief Engineer	ıldemar	Klima

POLICIES

WLB is a strictly sustaining station, entirely non-commercial and carrying no advertising It broadcasts programs of an educational and cultural nature.

KVOX

"THE VOICE OF THE VALLEY"

MOORHEAD—EST. 1937

NORTH CENTRAL BROADCASTING SYSTEM

—ASSOCIATED NORTHWEST

BROADCASTERS

FREQUENCY: 1310 Kc. POWER: 250 Watts, d.; 100 Watts, n. OWNED BY: KVOX Broadcasting Co. OPERATED BY: Same. BUSINESS ADDRESS: Comstock Hotel. PHONE: 1232-1233. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Moorhead. TIME ON THE AIR: 6:00 A.M. to 9:00 P.M. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: World Broadcasting System.

Personnel

President	R. K. Herbst
Commercial and Station Ma	nager,
	Manny Marget
Chief Announcer	Manny Marget
Chief Engineer	Robert Schulz

POLICIES

All accounts must comply with FCC and FTC requirements.

WCAL

NORTHFIELD—EST. 1922

FREQUENCY: 760 Kc. POWER: 5000 Watts.
OWNED BY: St. Olaf College. OPERATED
BY: Same. BUSINESS ADDRESS: St. Olaf
College. PHONE: 731. STUDIO ADDRESS:
Same. TRANSMITTER LOCATION: Same.
TIME ON THE AIR: Shares time.

Personnel

Director	.Dr. Martin Hegland
Chief Announcer	David Johnson
Station Manager	M. C. Jensen
Musical Director	O. R. Overby
Chief Engineer	M. C. Jensen

POLICIES

Non-commercial station.

KROC

"VOICE OF SOUTHERN MINNESOTA"

ROCHESTER-EST. 1935

FREQUENCY: 1310 Kc. POWER: 250 Watts, d.; 100 Watts, n. OWNED BY: Southern Minn. Broadcasting Co. OPERATED BY: Same. BUSINESS ADDRESS: Rochester, PHONE: 3924-5-2727. STUDIO ADDRESS: Hotel Martin. TRANSMITTER LOCATION: Cascade Township. TIME ON THE AIR: 6:00 A.M. to 12:00 midnight. NEWS SERVICE: United Press. MAINTAINS ARTISTS' BUREAU. TRANSCRIPTION SERVICE: World Broadcasting System.

Personnel

_			
President	and	General	

Manager	Gregory Gentling
Commercial Manager	.E. Anson Thomas
Artists' Bureau Head	Dwight Merriam
Studio Director	Gerald Wing
Program Director	Peter Lyman
Chief Engineer	Fred C. Clark
Assistant Chief Engineer	Robert W. Cross

POLICIES

No hard liquor accounts accepted.

Maintains merchandising and publicity department, window decorator tie-in, placards, letters, newspaper advertising, bill boards, etc. with clients' radio advertising.

KFAM

"THE TIMES JOURNAL STATION"
"THE VOICE OF CENTRAL MINNESOTA"
ST. CLOUD—EST. 1938

ASSOCIATED NORTHWEST BROADCASTERS NORTH CENTRAL BROADCASTING SYSTEM FREQUENCY: 1420 Kc. POWER: 250 Watts, d.; 100 Watts, n. OWNED BY: The Times Publishing Co. OPERATED BY: The Times Publishing Co. BUSINESS ADDRESS: 16-18 Sixth Ave., North. STUDIO ADDRESS: Weber Bldg. TRANSMITTER LOCATION: Military Highway. TIME ON THE AIR: 7:00 A.M. to 9:00 P.M. NEWS PAPER AFFILIATIONS: St. Cloud Times Journal NEWS SERVICE: Associated Press. MAINTAINS ARTISTS' BUREAU. TRANSCRIPTION SERVICE: Standard Radio.

Personnel

General	Manager	George	B. Bairey
Program	Director	LaVell	Waltman
Commerc	cial Manager	Edac	r Parsons

POLICIES

Station maintains the usual observance and restrictions of FCC, state and local laws. Advertising of alcoholic beverages excepting beer, not accepted.

Merchandising facilities available to sponsors at cost. This includes extension of advertising campaigns in conjunction with station advertising.

KSTP

"NORTHWEST'S LEADING RADIO STATION"

ST. PAUL-MINNEAPOLIS—EST. 1928 NBC (RED)

FREQUENCY: 1460 Kc. POWER: 25,000 watts, d.; 10,000 watts, n. (C.P. for 50,000 watts), OWN-ED BY: National Battery Broadcasting Co. OPER-ATED BY: National Battery Broadcasting Co. BUSINESS ADDRESS: St. Paul Hotel, PHONE: Cedar 5511-St. Paul; Bridgeport 3222-Minneapolis. STUDIO ADDRESS: St. Paul Hotel, Raddisson Hotel. TRANSMITTER LOCATION: Snelling Ave. & County Road C. St. Paul. TIME ON THE AIR: 6:00 a.m. to 1:00 a.m. (daily), a.m. to 1:00 a.m. (Sunday). NEWSPAPER AF-FILIATIONS: Minneapolis Journal. SERVICE: United Press, Radio News Assoc. MAINTAINS ARTISTS BUREAU: TRANSCRIP-TION SERVICE: World Broadcasting System. NBC Thesaurus, NAB Library & Standard Radio.

Personnel

PresidentStanley E. Hubbard
Vice President-TreasurerKenneth M. Hance
Sales ManagerRay C. Jenkins
Program Director
Educational DirectorT. D. Rishworth
Merchandising DirectorFred Laws
Artists Bureau HeadViolet Murphy
Technical Supervisor

POLICIES

No hard liquor before 10:30 p.m.

Advertising will not be accepted which is misleading, repulsive or suggestive or which attacks the integrity of persons, institutions or merchandise.

Station maintains Sales Promotion and Merchandising staff available to program advertisers, for mail publicity campaigns, special market surveys, poster campaigns (tying up program with retail outlets), and, distribution and sampling service, within the station's trading area. Station publishes Standard Market Data (annual) which contains general market information for its trading area. Station supplies temporary headquarters in St. Paul and Minneapolis for sales and advertising executives and offers complete audition facilities.

REPRESENTATIVE

Edward Petry & Co.

WMIN

"THE VOICE OF THE HOUR STATION"

ST. PAUL & MINNEAPOLIS EST. 1936

FREQUENCY: 1370 Kc. POWER: 250 Watts, d.; 100 Watts, n. OWNED BY: WMIN Broadcasting Co. OPERATED BY: WMIN Broadcasting Co. BUSINESS ADDRESS: St. Anthony & Syndicate. PHONE: Nestor 6501, St. Paul; Atlantic 6293, Minneapolis. STUDIO ADDRESS: St. Anthony & Syndicate, St. Paul; 200 Hodgson Bldg., Minneapolis. TRANSMITTER LOCATION: St. Anthony & Syndicate, St. Paul. TIME ON THE AIR: 6:00 A.M. to midnight. NEWS SERVICES: International News Service, Universal News Service. MAINTAINS ARTISTS' BUREAU. TRANSCRIPTION SERVICES: Lang-Worth, Standard Radio, C. P. MacGregor

Personnel

President and General		
Manager	Edward He	ofiman
Program Director	Frank De	vaney
Chief Engineer	Mat	Walz

POLICIES

No stated special program policies.

Merchandising: Complete merchandising service for advertisers.

WTCN

"OUT OF THE BLUE TO YOU"

ST. PAUL-MINNEAPOLIS EST. 1928

NATIONAL BROADCASTING CO. (BLUE)
FREQUENCY: 1250 Kc. POWER: 5000
watts, d.; 1000 watts, n. OWNED BY: Minneapolis-St. Paul Dispatch Pioneer Press. OPERATED BY: Same. BUSINESS ADDRESS:
Wesley Temple Bldg. PHONE: Main 6562.
STUDIO ADDRESS: Same. TRANSMITTER
LOCATION: Snelling Ave., County Rd. B.
NEWSPAPER AFFILIATION: Minneapolis-St.
Paul Dispatch. NEWS SERVICES: International News Service, Associated Press (non-commercial). TRANSCRIPTION SERVICE: Associated Music Library.

Personnel

PresidentL. E. Owens
Station Manager C. T. Hagman
Commercial ManagerL. L. Whiting
Program DirectorRobert DeHaven
Technical Director

POLICIES

Hard liquor advertising accepted only after 9:30 P.M. Restrictions on patent medicine advertising.

Merchandising service departments of St. Paul Dispatch, Pioneer Press and Minneapolis Tribune available.

REPRESENTATIVE

Free & Peters

WHLB

"ARROWHEAD'S QUEEN CITY"

VIRGINIA-EST, 1936

ARROWHEAD NETWORK

NORTH CENTRAL BROADCASTING SYSTEM

COLUMBIA BROADCASTING SYSTEM FREQUENCY: 1370 Kc. POWER: 250 watts, d.: 100 watts, n. OWNED BY: Head of the Lakes B/C Co. OPERATED BY: Head of the Lakes B/C Co. BUSINESS ADDRESS: 6th Ave., W & 17th St., S. PHONE: 2000. STUDIO ADDRESS: Virginia. TRANSMITTER LOCATION: Virginia. TIME ON THE AIR: 6:45 A.M. to 11:00 P.M. NEWS AFFILIATION: Duluth News-Tribune & Herald.

Personnel

President
Station Manager
Commercial ManagerBarney Irwin
Chief Announcer
Chief EngineerChas. Persons

POLICIES

Station places a friendly accent on service and sports as well as on educational activities in connection with schools in the area

Merchandising: Station offers promotional facilities but does not guarantee publicity in newspapers.

KWNO

"VOICE OF THE CITY BEAUTIFUL"

WINONA-EST. 1938

FREQUENCY: 1200 Kc. POWER: 250 Watts. OWNED BY: Winona Radio Service. OPERATED BY: Winona Radio Service. BUSINESS ADDRESS: 216 Center St. PHONE: 4321. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: 831 Samia St. TIME ON THE AIR: 7:00 A.M. to local sunset. NEWS SERVICE: Associated Press. NEWSPAPER AFFILIATION: Winona Republican-Herald. TRANSCRIPTION SERVICE: NBC Thesaurus, Standard Radio. MAINTAINS ARTISTS' BUREAU.

Personnel

President
General ManagerL. L. McCurnin
Program DirectorL. A. Gifford
Production ManagerWayne Anders
Chief Engineer

POLICIES

Does not accept liquor advertising, excepting beer.

Merchandising service department is available to advertisers: use of Republican-Herald for program publicity; merchandising surveys on request; letters and bulletins to dealers at cost.

MISSISSIPPI=

Population 2,023,000

Number of Families 494,000

Retail Sales \$178,348,000

Number of Radio Homes 207,000

Auto Registrations 171,000

WGRM

"VOICE OF NORTH MISSISSIPPI"

GRENADA-EST, 1937

FREQUENCY: 1210 Kc. POWER: 250 Watts, d.; 100 Watts, n. OWNED BY: P. K. Ewing. OPERATED BY: P. K. Ewing. BUSINESS ADDRESS: 500 Main St. PHONE: 222 STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Fair Grounds 1½ Miles south of Grenada. TIME ON THE AIR: 6:30 A.M. to 8:00 P.M. NEWS SERVICE: Transradio Press.

Personnel

PresidentP. K. Ewing, Sr	
General ManagerP. K. Ewing, Jr	
Chief AnnouncerChas. Walters	i
Chief Engineer	ś

POLICIES

Beer advertising accepted. No whiskey advertising permitted.

Merchandising department contacts all local outlets for national advertisers, and assists in decorating windows, etc.

WFOR

"THE VOICE OF SOUTH MISSISSIPPI"

HATTIESBURG-EST. 1928

FREQUENCY: 1370 Kc. POWER: 100 Watts. OWNED BY: Forrest Broadcasting Company. OPERATED BY: Same. BUSINESS ADDRESS: 109 Walnut St. PHONE: 55. STUDIO ADDRESS: Same. TRANSMITTER LOCATION. Columbia Road. TIME ON THE AIR: 7:00 A.M. to 9:00 P.M. NEWS SERVICE: International News Service.

Personnel

President and General
Manager Miles A. Metzger
Commercial Manager
Chief AnnouncerLawrence Gibbs
Chief Engineer George W. Wilson, Jr.
President
Commercial Manager
Station Manager
Chief Engineer C. H. Dwess

POLICIES

Does not accept liquor advertising.

Maintains a merchandising service.

REPRESENTATIVE

Burn-Smith Co.

W J D X

"THE VOICE OF MISSISSIPPI"

JACKSON-EST. 1929

NATIONAL BROADCASTING COMPANY

FREQUENCY:1270 Kc. POWER: 5000 watts, d.; 1000 watts, n. OWNED BY: Lamar Life Insurance Co. OPERATED BY: Lamar Life Insurance Co. BUSINESS ADDRESS: Lamar Life Bldg. PHONE: (Studio) 7416; Adv. Dept.) 7415; (Transmitter) 7716-J. STUDIO ADDRESS: Heidelberg Hotel. TRANSMITTER LOCATION: Highway No. 51. TIME ON THE AIR: 7:00 A.M. to 11:00 P.M. (daily); 10:00 A.M. to 11:00 P.M. (Sunday). NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: NBC Thesaurus.

Personnel

Station ManagerWiley P. Harris
Commercial and Advertising
Manager
Chief AnnouncerMaurice Thompson
Sales ManagerFrank Gentry
Publicity DirectorRalph Maddox
Musical DirectorMaurice Thompson
Chief Engineer P. G. Root

POLICIES

Only beer and light wines can be legally advertised in state.

Various types merchandising service provided clients at cost.

REPRESENTATIVE

George P Hollingbery Co.

WSLI

"THE FRIENDLY VOICE OF STANDARD LIFE"

JACKSON—EST. 1938

FREQUENCY: 1420 Kc. POWER: 250 Watts, d.; 100 Watts, n. OWNED BY: Standard Life Insurance Co. OPERATED BY: Standard Life Insurance Co. BUSINESS ADDRESS: Robert E. Lee Hotel. PHONE: 4011. STUDIO ADDRESS: Same TRANSMITTER LOCATION: High at Larson St. TIME ON THE AIR: 7:00 A.M. to 10:00 P.M. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: Standard Radio.

Personnel

ManagerL. M. Sepaugh
Commercial ManagerT. H. Lathrop
Merchandising ManagerF. E. Wilkerson, Jr.
Chief AnnouncerRoy Pickett
Production ManagerPaul Goldman
Program Director
Chief Engineer

POLICIES

Merchandising: Complete cooperation with the client with a merchandising department is at the client's services.

WAML

LAUREL-EST. 1935

FREQUENCY: 1310 Kc. POWER: 250 Watts, d.; 100 Watts, n. OWNED BY: New Laurel Radio Station, Inc. OPERATED BY: Same. BUSINESS ADDRESS: Central Ave. PHONE: 288. STUDIO ADDRESS: 312½ Central Ave. TRANSMITTER LOCATION: Washington Road. TIME ON THE AIR: 6:00 A.M. to 7:00 P.M. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: World Broadcasting System.

Personnel

President	.D. A. Matison
Station Manager	R. V. DeGruy
Commercial Manager	H. M. Smith
Program Director	Paul Wilson
Chief Engineer	. A. Touchstone

POLICIES

Does not accept wine and liquor advertising. Beer accounts are accepted.

REPRESENTATIVE

Burn-Smith Co.

WCOC

"DOWN IN OLD MAGNOLIA STATE"

MERIDIAN-EST. 1926

COLUMBIA BROADCASTING SYSTEM
FREQUENCY: 880 Kc. POWER: 1000 Watts.
OWNED BY: Mississippi Broadcasting Co.,

Inc. OPERATED BY: Mississippi Broadcasting Co., Inc. BUSINESS ADDRESS: Strand Bldg. PHONE: 1042. STUDIO ADDRESS: Strand Bldg. TRANSMITTER LOCATION: Highway 45. TIME ON THE AIR: 7:00 A.M. to 11:00 P.M. NEWS SERVICE: United Press. MAINTAINS ARTISTS' RUREAU

Personnel

POLICIES

Liquor advertising not legal in Mississippi. Station accepts beer advertising.

Station prepared to handle any merchandising or special exploitation campaigns desired by sponsors over any or all of territory served by station

WGCM

"THE VOICE OF MISSISSIPPI GULF COAST"

MISSISSIPPI CITY-(BILOXI-GULF-PORT)—EST. 1929

FREQUENCY: 1210 Kc. POWER: 250 Watts, d.; 100 Watts, n. OWNED BY: WGCM, Inc. OPERATED BY: WGCM, Inc. BUSINESS ADDRESS: Gulfport, Box 207; Biloxi, Buena Vista Hotel. PHONE: Gulfport 1111. STUDIO ADDRESS: Great Southern Golf Club, Mississippi City. TRANSMITTER LOCATION: Mississippi City. TIME ON THE AIR: Sunday, 8:00 A.M. to 10:00 P.M.; week days, 7:00 A.M. to 12:00 midnight. NEWS SERVICE: International News Service. TRANSCRIPTION SERVICE: C. P. MacGregor.

Personnel

President	. P.	ĸ.	Ewing
Vice-President	. F.	C.	Ewing
Secretary-Treasurer	M.	M.	Ewing

REPRESENTATIVE

Burn-Smith Co.

WQBC

VICKSBURG

FREQUENCY: 1360 Kc. POWER: 1000 Watts. OWNED BY: Delta Broadcasting Co., Inc. OPERATED BY: Delta Broadcasting Co., Inc. BUSINESS ADDRESS: Hotel Vicksburg. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: East of Vicksburg. TIME ON THE AIR: Daytime. NEWSPAPER AFFILIATION: The Vicksburg Evening Post. TRANSCRIPTION SERVICE: Standard Radio, World Broadcasting System.

Personnel

PresidentL. P.	Cashman
Station Director	W. Jones
Chief Engineer	E. Drake

MISSOURI

Population 3,989,000

Number of Families 1,072,000

Retail Sales \$946,125,000

Number of Radio Homes 822,800

Auto Registrations 705,000

KFVS

CAPE GIRARDEAU-EST. 1925

FREQUENCY: 1210 Kc. POWER: 250 watts, d.; 100 watts, n. OWNED BY: Oscar C. Hirsch. OPERATED BY: Same. BUSINESS ADDRESS: KFVS Radio Home, 324 Broadway. PHONE: 2104-5. STUDIO ADDRESS: KFVS Radio Home, 324 Broadway: Hotel Marquette. TRANSMITTER LOCATION: 3½ miles N.W. of Girardeau. TIME ON THE AIR: Shares time, day and evening, with WEBQ. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: Standard Radio.

Personnel

President-General	Manager	. Oscar	C. Hirsch
Musical Director.		Virgi	nia Bann
Chief Engineer		R.	L. Hirsch

POLICIES

Advertising of alcoholic beverages not accepted, excepting beer and wine.

KFRU

"IN THE HEART OF MISSOURI"

COLUMBIA-EST, 1925

FREQUENCY: 630 Kc. POWER: 1000 watts, d.; 500 watts, n. OWNED BY: Star-Times Pub. Co. OPERATED BY: Same. BUSINESS ADDRESS: 9th & Elm Sts. PHONE: 4141-2. STUDIO ADDRESS: 9th & Elm Sts. TRANSMITTER LOCATION: Campus Stephens College. TIME ON THE AIR: 6:00 A.M. to L. S. (Share night with WGBF.) NEWSPAPER AFFILIATION: Star-Times Pub. Co. (St. Louis). NEWS SERVICE: United Press and International News Service. MAINTAINS ARTISTS' BUREAU. TRANSCRIPTION SERVICE: NBC Thesaurus.

Personnel

President	Elzey Roberts
Assistant Manager	George Guyan
Station Manager	C. L. Thomas
Commercial Manager	Walter Weiler
Artists Bureau Head	.Wm. Haley, Jr.
Musical Director	Foster Brown
Chief Engineer	Robert Haigh

POLICIES

Do not accept hard liquor.

REPRESENTATIVE

Weed & Co.

K W O S

"THE NEWS AND TRIBUNE STATION"
IEFFERSON CITY—EST. 1937

FREQUENCY: 1310 Kc. POWER: 250 Watts, d.: 100 Watts, n. OWNED BY: Tribune Printing Co. OPERATED BY: Tribune Printing Co. BUSINESS ADDRESS: 400 East Capitol Ave. PHONE: 4000-1. STUDIO ADDRESS: 400 East Capitol Ave. TRANSMITTER LOCATION: St. Mary's Blvd. TIME ON THE AIR: 6:30 A.M. to local sunset: Sunday, 8:30 A.M. to local sunset. NEWSPAPER AFFILIATION: Capitol News and Post Tribune. NEWS SERVICES: Associated Press (non-Commercial) and United Press. TRANSCRIPTION SERVICES: Standard Radio and World Broadcasting System.

Personnel

PresidentR. C. Goshorn
Chief AnnouncerRandall Jessee
Station ManagerBen T. Weaver
Chief EngineerJ. C. Haynes, Jr.

POLICIES

No stated special program policies.

Merchandising department furnishes such cooperation as personal calls and letters to dealers, dealer and market surveys, preparation of dealer displays and newspaper publicity and other forms of merchandising.

REPRESENTATIVE

Weed & Company

WMBH

JOPLIN—EST. 1927

FREQUENCY: 1420 Kc. POWER: 250 watts, d.: 100 watts, n. OWNED BY: Joplin Broadcasting Co. OPERATED BY: Same. BUSINESS ADDRESS: 401 Main St. PHONE: 330-1-2. STUDIO ADDRESS: 401 Main St. TRANSMITTER LOCATION: 1334 Roosevelt. TIME ON THE AIR: 6:00 A.M. to 11:00 P.M. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: NBC Thesaurus, NAB Library MAINTAINS ARTISTS BUREAU.

Personnel

President-Station ManagerD. J. Poynor
Chief AnnouncerJ. Chas. McIntire
Assistant Managor Eventile Smart

POLICIES

Liquor advertising accepted after 9:30 P.M. only. Has carried no foreign language programs.

REPRESENTATIVE

Sears & Ayer

KCMO

"KANSAS CITY, MISSOURI"

KANSAS CITY-EST, 1925

FREQUENCY: 1370 Kc. POWER: 100 watts. (C.P. for 1000 Watts, unlimited time on 1450 Kc.) OWNED BY: KCMO Broadcasting Co. OPERATED BY: KCMO Broadcasting Co. BUSINESS ADDRESS: Commerce Trust Bldg. PHONE: VI-2647. STUDIO ADDRESS: Commerce Trust Bldg. TRANSMITTER LOCATION: Commerce Trust Bldg. TIME ON THE AIR: 6:00 A.M. to 12:00 midnight. NEWS SERVICE: United Press. MAINTAINS ARTISTS BUREAU. TRANSCRIPTION SERVICE: NBC Thesaurus.

Personnel

PresidentT.	L. Evans
General ManagerLarry	Sherwood
Sales Manager	Jack Neil

Production Manager......Robert Grey Chief Engineer.....Loyd Sigmon

POLICIES

No hard liquor advertisements accepted. No foreign language programs accepted unless accompanied by English translation. No program of political philosophy accepted contrary to the Constitution of the United States.

Special merchandising features are given with accounts, consistent with contract and product, at cost.

KITE

"THE FRIENDLY FARMER STATION"

KANSAS CITY-EST. 1934

FREQUENCY: 1530 Kc. POWER: 1000 watts. OWNED BY: First National Television, Inc. OPERATED BY: Same. BUSINESS ADDRESS: Fidelity Bldg. PHONE: Harrison 5818 STUDIO ADDRESS: Fidelity Bldg. TRANSMITTER LOCATION: 86th & Summit Sts. TIME ON THE AIR: 5:00 A.M. to 1:00 A.M.; Sunday, 8:00 A.M. to 12:00 midnight. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: C. P. MacGregor.

Personnel

KITE

KANSAS CITY,

MISSOURI

is "The Friendly Farmer Station"

D. E. "PLUG" KENDRICK Vice Pres.-Gen. Mgr.

Radio Station

William G. Rambeau Company National Representatives KITE

FIRST NATIONAL TELEVISION. INC. • FIDELITY BUILDING • KANSAS CITY. MISSOURI

POLICIES

No special restrictive policies.

Merchandising and research department will supply data on coverage and market relating to radio advertising campaigns and plans for merchandising radio advertising campaigns.

REPRESENTATIVE

William G. Rambeau Co.

KMBC

"TO KEEP IN TOUCH WITH THE TIMES, KEEP TUNED TO KMBC"

KANSAS CITY—EST. 1921

COLUMBIA BROADCASTING SYSTEM FREQUENCY: 950 Kc. POWER: 5000 Watts, d.; 1000 Watts n. OWNED BY: Midland Broadcasting Co. OPERATED BY: Same. BUSINESS ADDRESS: Pickwick Hotel, 10th & McGee St. PHONE: Harrison 2650. STUDIO ADDRESS: Pickwick Hotel, 11th floor. TRANSMITTER LOCATION: 50th & Belinder Rd. TIME ON THE AIR: 5:30 A.M. to 12:03 A.M.; Sunday, 7:30 A.M. to 12:03 A.M. NEWS SERVICES: Transradio Press. MAINTAINS AN ARTISTS' BUREAU. TRANSCRIPTION SERVICES: World Program Library, NAB Public Domain Library.

Personnel

President and General
Manager Arthur B. Church
Vice-PresidentKarl Koerper
Promotion Manager
Artists Bureau HeadJ. W. McConnell
Director of ResearchMark N. Smith
Program DirectorStuart Eggleston
Sales Service ManagerCarter Ringlep
Director Natl. Program SalesGeo. E. Halley
Studio Director
News Editor Erle H. Smith
Publicity Director
Musical DirectorP. Hans Flath
Technical SupervisorRay Moler

POLICIES

No liquor advertising accepted. No foreign language programs: foreign constituent of radio audience is too small to be worthy of consideration. All programs subject to the approval of the management on the basis of good taste.

Merchandising: Two five-minute spots daily devoted to build-up of coming programs; in addition all unsponsored station breaks are given to publicity department for this purpose. Letters sent to manufacturer's distributors or jobbers in limited quantity. Personal sales calls also made to important buyers. Tire covers on Yellow Cabs also utilized to merchandise some commercials. One man employed for merchandising contacts and work of this nature almost exclusively. On Happy Kitchen and "Good Morning!" Farm Programs merchandising assistance includes a free display advertisement on the Kansas City Star and Kansas City Journal Post radio pages, and surveys with selected wholesale and retail dealers.

REPRESENTATIVE

Free & Peters, Inc. (See Page 292)

WDAF

KANSAS CITY—EST. 1922

NATIONAL BROADCASTING CO. (RED)
FREQUENCY: 610 Kc. POWER: 5000 watts,
d.; 1000 watts, n. OWNED BY: The Kansas
City Star Co. OPERATED BY: Same. BUSINESS ADDRESS: 1729 Grand Ave. PHONE:
Harrison 1200. STUDIO ADDRESS: 1729
Grand Ave. TRANSMITTER LOCATION:
83rd & Mission Rd, Johnson County, Kansas.
TIME ON THE AIR: 6:00 A.M. to midnight;
Sunday, 7:00 A.M. to 12:00 midnight. NEWSPAPER AFFILIATION: The Kansas City Star.
NEWS SERVICE: Associated Press. TRANSCRIPTION SERVICE: Standard Radio.

Personnel

Station Manager	H. Dean Fitzer
Assistant Manager	V. S. Batton
Sales	R. Gardner Reames
Program Manager	. Harry J. Kaufmann
Chief Engineer	Joseph A. Flaherty

POLICIES

No foreign language broadcasts; advertising of alcoholic beverages not accepted.

REPRESENTATIVE

Edward Petry & Co.

WHB

"WHERE HEADLINERS BEGIN"

KANSAS CITY—EST. 1922

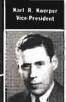
FREQUENCY: 860 Kc. POWER: Watts. OWNED BY: WHB Broadcasting Co. OPERATED WHB Broadcasting BY: BUSINESS ADDRESS: Scarritt Bldg. PHONE: Harrison 1161. STUDIO ADDRESS: Scarritt Bldg. TRANSMITTER LOCATION: North Kansas City. TIME ON THE AIR: 6:00 A.M. to local sunset. NEWSPAPER AFFILIATIONS: Kansas City Journal-Post, Kansas City Daily Drovers' Telegram (farm newspaper). NEWS SERVICE: United Press. MAINTAINS ARTISTS' BUREAU. TRANSCRIPTION SERVICE: Associated, NAB Library recorded tunes.

Personnel

President	Donald Dwight Davis
Station Manager	John T. Schilling
Commercial Manager	
Artists Bureau Head	Charles Lee Adams
Manager, Client Service	e Department,
	M. H. Straight

M. H. Shuight
Program DirectorDick Smith
Publicity DirectorFrank Barhydt
Musical Director
Librarian
Chief EngineerHenry E. Goldenberç





THE

STATION IN KANSAS CITY

... that offers so many reasons for the popularity KMBC enjoys among the two and one-third million radio listeners who daily buy and buy and BUY in our P.D.A. Some of the radio services which only KMBC provides in this Middle Western Mecca of Sales are shown here—there are manyothers. Perhaps most important of all is the fact that KMBC is the only station in Kansas City with an attractive array of Audience Tested, Selling Tested Programs ready for sponsorship NOW.





KMBC is the ONLY Kansas Citystation

...with a full time news editor who has metropolitan newspaper experience, Erle Smith—veteran of ten successful sponsorships!

1...with an exclusive household economics director, Beulah Karney. Under her direction the KMBC Happy Kitchen annually makes happy many participating advertisers.



... to develop locally personalities and programs that have become famous nationally. Here is Caroline Ellis, now doing "Caroline's Golden Store" for General Mills. Others are Margaret and Gordon Munro, Easy Aces, Life on Red Horse Ranch, Happy Hollow, PHENOMENON.



Free & Peters, Inc., National Representatives George E. Halley, Director National Program Sales, 400 Deming Place, Chicago



originating regular coast-to-coast network programs. The Texas Rangers with Tex Owens currently enjoy one of the highest CAB ratings of CBS sustaining shows. Sunday afternoons at 2:30, E.S.T.: Saturday nights at 6:45, E.S.T. in "Night Time on the Trail."



KMBC is the ONLY Kansas City station which dramatizes its talent to the audience in a big variety show—is, in fact, the andy station with the talent to produce such a show. Brush Creek Follies, broadcast Saturday nights; playing to S.R.O. audiences, week after week.



KMBC is the ONLY Kansas City station which maintains a consistent policy of covering public events of special public interest, and KMBC is the *only* station with a short wave car to broadcast news where it happens, when it happens. Above, City Manager McEiroy and Mayor Smith officially open new Police-Courts building on KMBC.

POLICIES

Advertising of alcoholic beverages not accepted. Foreign language programs acceptable. Recommend only German, Italian, Spanish, French in this market. Commercial restrictions: No false or misleading claims; no disparagement of competitors nor their products; no lotteries; no appeals for funds (other than generally accepted worthy causes); no testimonials which cannot be authenticated; no advertising matter in bad taste or which station deems injurious or prejudicial to interests of public; commercial copy must not exceed 10½ minutes in hour program, 7½ minutes in three-quarter hour; 5½ minutes in half-hour; 3½ minutes in quarter-hour.

Merchandising features in connection with commercial programs: Station offers "UNIT PLAN" merchandising service which includes:

Classified listings of wholesale and retail outlets.

Mailing campaign on station letterheads (if desired).

Detailed cross section surveys of the retail trade.

Introduction of advertiser's salesmen to key buyers.

Arrangements for window displays.

Distribution of counter displays and cards. Missionary work with sales outlets on advertising campaign.

Arrangement of auditions.

Station's publicity department publicizes programs through newspaper and trade publications as well as on sustaining broadcasts.

REPRESENTATIVE

Wythe Walker (Chicago)

KWOC

POPLAR BLUFF-EST, 1938

FREQUENCY: 1310 Kc. POWER: 100 Watts. OWNED BY: Don M. Lidenton and A. L. McCarthy. OPERATED BY: Randall Jessee. BUSINESS ADDRESS: 417 Vine St. PHONE: 1310. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Poplar Bluff. TIME ON THE AIR: 6:30 A.M. to local sunset. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: NBC Thesaurus.

Personnel

General ManagerRandall Jessee
Advertising ManagerCliff Atkinson
Program DirectorBill Bates
Chief Engineer

POLICIES

Advertising of alcoholic beverages not accepted.

KFEQ

ST. IOSEPH—EST. 1924

FREQUENCY: 680 Kc. POWER: 2500 Watts. OWNED BY: KFEQ, Inc. OPERATED BY: KFEQ, Inc. BUSINESS ADDRESS: Schneider Bldg. PHONE: 6-1314. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: 1102 El-wood St.. TIME ON THE AIR: 6:00 A.M. to local sunset. NEWSPAPER AFFILIATIONS: St. Joseph News-Press and Gazette. NEWS SERVICE: Associated Press. TRANSCRIPTION SERVICE: NBC Thesaurus, Standard Radio.

Personnel

President	Barton Pitts
Vice-PresidentS	. Ralph Douglas
Nat'l Advertising ManagerG	len G. Griswold
Program Director	. Harry Packard
Promotion Manager	.J. Ted Branson
Chief Engineer	J. Wesley Koch

POLICIES

Accepts beer advertising, but does not accept the advertising of any other alcoholic beverage.

The Advertising and Merchandising Department will consider any special merchandising request and will co-operate with advertisers to the fullest extent possible.

REPRESENTATIVE

Kelly-Smith Company

K F U O

"THE GOSPEL VOICE"

ST. LOUIS-EST. 1924

FREQUENCY: 550 Kc. POWER: 1000 watts, d.; 500 watts, n. OWNED BY: Evangelical Lutheran Synod of Missouri, Ohio and Other States. OPERATED BY: Board of Control of Concordia Seminary. BUSINESS ADDRESS: 801 DeMun. PHONE: Cabany 2499. STUDIO ADDRESS: 801 DeMun. TRANSMITTER LOCATION: Clayton. TIME ON THE AIR: Shares time.

Personnel

Station Manager	.Herman H	. Hohenstein
Musical Director	Herman H	i. Hohenstein
Chief Engineer	C c	ırl H. Mever

POLICIES

Non-commercial station.

KMOX

"THE VOICE OF ST. LOUIS"

ST. LOUIS—EST. 1925

COLUMBIA BROADCASTING SYSTEM

FREQUENCY: 1090 Kc. POWER: 50,000 Watts. OWNED BY: Columbia Broadcasting System. OPERATED BY: Same. BUSINESS ADDRESS: Mart Bldg. PHONE: Central 8240. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Lemay Ferry and Baumgartner Rds. TIME ON THE AIR: 5:30 A.M. to 12:30 A.M.; Sunday, 7:30 A.M. to 12:00 midnight. NEWS SERVICE: United Press, Transradio Press. TRANSCRIPTION SERVICE: Associated Music.

Personnel

General ManagerMerle S. Jones
Sales ManagerKenneth W. Church
Program DirectorChester Renier
Sales Promotion DirectorI. Soulard Johnson
Publicity DirectorGerald Holland
Public Affairs Dept. DirectorJurien Hoekstra
Chief EngineerGraham Tevis

POLICIES

Governed by CBS policies.

A-D-C Merchandising Plan includes movie trailers, special newspaper listing, courtesy announcements calling attention to program, window displays, trade journal publicity, presentations to dealers, letters to dealers, special promotions in stores, store displays, etc. Specialty work with dealers, or promotion work for a particular product, as distinguished from promotional work on the radio schedule, can be undertaken by station for the advertiser at actual cost.

REPRESENTATIVE

Radio Sales

K S D

ST. LOUIS—EST. 1922

NBC (RED)

FREQUENCY: 550 Kc. POWER: 5000 watts, d.: 1000 watts, n. OWNED BY: Pulitzer Pub. Co. OPERATED BY: Same. BUSINESS ADDRESS: 12th & Olive St. PHONE: Main 1111. STUDIO ADDRESS: Post-Dispatch Bldg. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 8:00 A.M. to midnight. NEWSPAPER AFFILIATION: St. Louis Post-Dispatch. NEWS SERVICE: Associated Press (non-commercial). TRANSCRIPTION SERVICES: NBC Thesaurus, Lang-Worth.

Personnel

POLICIES

All broadcasting programs and announcements are subject to the approval of the station management. Station does not accept medical or liquor advertising.

REPRESENTATIVE

Free & Peters, Inc.

KŴK

ST. LOUIS-EST. 1927

MUTUAL—NATIONAL BROADCASTING CO. (BLUE)

FREQUENCY: 1350 Kc. POWER: 5000 watts, d.; 1000 watts, n. OWNED BY: Thomas Patrick, Inc. OPERATED BY: Same. BUSINESS ADDRESS: Hotel Chase. PHONE: Rosedale

3210. STUDIO ADDRESS: Hotel Chase. TRANS-MITTER LOCATION: Baden. TIME ON THE AIR: Eighteen hours daily. NEWS SERVICE: United Press MAINTAINS ARTISTS BUREAU. TRANSCRIPTION SERVICE: World Broadcasting System.

Personnel

PresidentR. T. Convey
Sales Manager
Studio SupervisorRay Dady
Production ManagerLayman Cameron
Chief Announcer
Sales Promotion Manager . Robert M. Sampson
Program DirectorJohn Tinnea
Publicity DirectorGene Kemper
Musical Director
Continuity Chief
Chief EngineerJames Burke

POLICIES

Accepts all accounts which conform to local, state and Federal laws, and all laws of the FCC.

Has tie-in with St. Louis Globe-Democrat, receiving two hundred thirty-five lines per day, which is used to plug commercial features—local and network. Also a tie-in with group of community newspapers, receiving a total circulation of 250.000.

REPRESENTATIVE

Paul H. Raymer & Company

KXOK

ST. LOUIS

FREQUENCY: 1250 Kc. POWER: 1000 Watts. OWNED BY: Star-Times Publishing Co. OPERATED BY: Star-Times Publishing Co. BUSINESS ADDRESS: Star-Ttimes Bldg., 12th & Delmar. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Venice, III. TIME ON THE AIR: 6:00 A.M. to 12:00 midnight; Sundays, 7:00 A.M. to midnight. NEWSPAPER AFFILIATION: St. Louis Star-Ttimes. TRANSCRIPTION SERVICE: Associated, NAB Library.

Personnel

REPRESENTATIVE

Weed & Co.

WĚW

"THE STATION YOU'LL TUNE IN AGAIN"

ST. LOUIS—EST. 1921

FREQUENCY: 760 Kc. POWER 1000 watts. OWNED BY: St. Louis University. OPERATED BY: Same. BUSINESS ADDRESS: 3642 Lindell Blvd. PHONE: Franklin 5665. STUDIO ADDRESS: 3642 Lindell Blvd. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 6:00 A.M. to local sunset. NEWS SERVICE: In-

ternational News Service. TRANSCRIPTION SERVICE: Lang-Worth, NAB Library Music.

Personnel

Faculty Director	.W.	Ā.	Burk,	, S.J.
General Manager	<i>.</i>	A.	S. F	oster
Program Manager	A	rthu	r T.]	lones
Advertising Service Manage	rI	loyc	I C. S	mith
Publicity DirectorL	ewis	B. 1	Tage	man
Musical Director		.Ra	lph	Stein
Chief Engineer	Ge	orge	Rue	ppel

POLICIES

Will accept liquor advertising but will not mention price.

WiL

"THE MOST WELCOME SPOT ON THE DIAL"

ST. LOUIS-EST. 1922

FREQUENCY: 1200 Kc. POWER 250 Watts, d.: 100 Watts, n. OWNED BY: Missouri Brod. Corp. OPERATED BY: Same. BUSINESS ADDRESS: Melbourne Hotel, 3601 Lindell Blvd. PHONE: Jefferson 8403-4-5. STUDIO ADDRESS: Melbourne Hotel. TRANSMITTER LOCATION: 16th Floor (Roof) Melbourne Hotel. TIME ON THE AIR: 6:00 A.M. to 3:30 A.M. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: Standard Radio, C. P. MacGregor, NAB Library.

Personnel

President and General	
ManagerLester A. Bense	on
Vice-PresidentClarence W. Bense	on
Commercial Manager Edgar Shu	ıtz
Program DirectorNeil Norme	αn
Continuity ChiefDavid Pasterne	αk
Public Relations DirectorBill Durne	ey
Publicity DirectorBart Slatte	гy
Musical Director	lie
Chief Engineer	ıр

POLICIES

No liquor programs accepted (beer and wine—OK). No foreign language programs accepted. Copy restrictions: Spot announcements have 75 word limit, 15-minute programs have 400 word limit.

REPRESENTATIVE

Reynolds-Fitzgerald, Inc.

KGBX

SPRINGFIELD—EST, 1924

NATIONAL BROADCASTING CO. (RED AND BLUE)

FREQUENCY: 1230 Kc. Power: 500 watts. OWNED BY: Springfield Broadcasting Co. OPERATED BY: Same. BUSINESS ADDRESS: 508 St. Louis. PHONE: 1360-1-2-3. STUDIO ADDRESS: 508 St. Louis. TRANSMITTER LOCATION: Bolivar Road. TIME ON THE AIR: 6:45 A.M. to midnight. NEWSPAPER AFFILIATION: Springfield Newspapers, Inc.

NEWS SERVICE: United Press. MAINTAINS ARTISTS BUREAU. TRANSCRIPTION SER-VICE: NBC Thesaurus and World Broadcasting System.

Personnel

President	Lester E. Cox
General Manager	Ralph D. Foster
Business Manager	.C. Arthur Johnson
Promotion Manager	Carl S. Ward
Musical Director	
Chief Engineer	Fritz Bauer
National Sales Manager	John E. Pearson
Production Director	.George E. Wilson
Chief Announcer	Russ Davis
Program Director	Terry Moss
Continuity Editor	Ralph Nelms

POLICIES

Same as KWTO.

REPRESENTATIVE

Howard H. Wilson & Co.

K W T O

"KEEP WATCHING THE OZARKS"

SPRINGFIELD—EST. 1933

FREQUENCY: 560 Kc. POWER: 5000 watts. OWNED BY: Ozarks Broadcasting Co. OPERATED BY: Same. BUSINESS ADDRESS: 508 St. Louis. PHONE: 1360-1-2-3. STUDIO ADDRESS: 508 St. Louis. TRANSMITTER LOCATION: Bolivar Road. TIME ON THE AIR: 5:00 A.M. to local sunset. NEWSPAPER AFFILIATION: Springfield Newspapers, Inc. NEWS SERVICE: United Press. MAINTAINS ARTISTS BUREAU. TRANSCRIPTION SERVICE: World Broadcasting System and NBC Thesaurus.

Personnel

President and Station
ManagerRalph D. Foster
Business ManagerArthur Johnson
Production Manager
Chief AnnouncerRuss Davis
National Sales ManagerJohn E. Pearson
Local Sales ManagerGordon Wardell
Promotion ManagerCarl S. Ward
Program DirectorTerry Moss
Continuity EditorRalph Nelms
Chief EngineerFritz Bauer

POLICIES

Offers reasonable merchandising service at no cost, i.e. contacting of retail outlets and wholesalers by phone: personal calls and letters. Where there is a large volume of this service to be done station will do it on actual cost basis. Merchandising also includes displays of lobby posters, placing of window cards and pre-announcements on the air, etc.

REPRESENTATIVE

Howard H. Wilson & Co.

MONTANA-

Population 539,000

Number of Families 142,000

Retail Sales \$189,457,000

Number of Radio Homes 114,600

Auto Registrations 129,531

KGHL

BILLINGS—EST. 1928
NBC (RED AND BLUE)

FREQUENCY: 780 Kc. POWER: 5000 watts, d.; 1000 watts, n. OWNED BY: Northwestern Auto Supply Co. OPERATED BY: Northwestern Auto Supply Co. BUSINESS ADDRESS: 5th and North Broadway. PHONE: 3121. STUDIO ADDRESS: 5th and North Broadway. TIME ON THE AIR: 7:00 A.M. to 11:00 P.M. (daily): 9:00 A.M. to 11:00 P.M. (Sunday). NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: Standard Radio, NBC Thesaurus.

Personnel

President and Station Manager C. O. Campbell
Commercial ManagerEd Yocum
Advertising Manager M. B. Braunberger
Chief Announcer
Publicity DirectorLear Mucoy
Musical DirectorJulia Richards
Chief EngineerJeff Kiichli

POLICIES

Accepts wines and beer, no hard liquor.
Accepts foreign language programs of interest to any sizeable group in audience.
Listeners are 99 per cent English, however.

Station will circularize trade, perform any other services within reason asked by client. All programs are publicized by station 24 hours and 12 hours before on air (new and old). Merchandising and promotion is largely determined by size of contract, policy being to keep special costs within 5 per cent of net dollar value of time purchase.

REPRESENTATIVE

The Katz Agency

KRBM*

BOZEMAN—EST. 1938

FREQUENCY: 1340 Kc. POWER: 250 watts, d.; 100 watts, n. OWNED BY: Robert McNab Co. OPERATED BY: Robert McNab Co. BUSINESS ADDRESS: Bozeman. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Near Bozeman. TIME ON THE AIR: Full Time License.

Personnel

Owner-General Manager.....A. J. Breitbach
Owners.....Arthur L. Roberts—R. B. McNab
*Station was licensed to operate under a
C. P. and no further information was available
at time of going to press.

KGIR

BUTTE-EST, 1929

NATIONAL BROADCASTING CO. — Z-NET PACIFIC NORTHWEST COVERAGE GROUP FREQUENCY: 1340 Kc. POWER: 5000 Watts d.; 1000 Watts, n. OWNED BY: KGIR, Inc. DEPRATED BY: KGIR, Inc. BUSINESS ADDRESS: Butte. PHONE: 22-3-44. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: Sunday, 9:00 A.M. to midnight: Week Days, 7:00 A.M. to 1:00 A.M. TRANSCRIPTION SERVICE: Standard Radio, Titan, Lang-Worth, NAB.

Personnel

ManagerEd. B. Craney
Sales Manager
Musical DirectorB. R. Sprague
Chief EngineerJack Nicholas
Program DirectorSyd Lines

POLICIES

Liquor accounts accepted subject to station approval of copy. Patent medicine accounts not accepted. Local programs sold on 13 minute basis, provision being made for 100-word announcements on either end of period. Chainbreak announcements limited to 30 words.

Merchandising service rendered at cost.

REPRESENTATIVES
Gene Furgason & Co.

KFBB

"ADVERTISING THAT SPEAKS FOR ITSELF"

GREAT FALLS—EST. 1922 COLUMBIA BROADCASTING SYSTEM

FREQUENCY: 1280 Kc. POWER: 5000 watts, d.; 1000 watts, n. OWNED BY: Buttrey Broadcast, Inc. OPERATED BY: Buttrey Broadcast, Inc. BUSINESS ADDRESS: 300 Central. PHONE: 4377-8. STUDIO ADDRESS: 300 Central Ave. TRANSMITTER LOCATION: 4½ miles west of Great Falls. TIME ON THE AIR: 8:00 A.M. to 11:00 P.M. (daily), 9:00 A.M. to 10:00 P.M. (Sunday). NEWSPAPER AFFILIATION: Great Falls Tribune. NEWS SERVICES: Tribune News. TRANSCRIPTION SERVICE: Standard Library.

Personnel

PresidentF. A. Buttrey
Station ManagerJessie Jacobsen
Commercial ManagerJessie Jacobsen
Advertising ManagerJoe Wilkins
Chief AnnouncerJohn Alexander
Sales ManagerJoe Wilkins
Continuity ChiefBill Tredway
Publicity DirectorKemp Toole
Musical DirectorBill Cane
Chief EngineerJohn Parker

POLICIES

No liquor advertising except beer. No foreign language broadcasts.

REPRESENTATIVE

Weed & Company

Walter Biddick Co. (Los Angeles & Seattle)

KPFA

"CAPITAL CITY STATION"

HELENA-EST, 1937

FREQUENCY: 1210 Kc. POWER: 250 Watts, d.; 100 Watts, n. OWNED BY: Peoples Forum of the Air. OPERATED BY: Peoples Forum of the Air. BUSINESS ADDRESS: 1306 East 11th. PHONE: 857. STUDIO ADDRESS: 1306 East 11th. TRANSMITTER LOCATION: 1306 East 11th St. TIME ON THE AIR: 8:00 A.M. to midnight. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: Standard Radio.

Personnel

President	.Barclay Craighead
Station Manager	.K. O. MacPherson
Sales Manager	Clair Heyer

POLICIES

Advertising of alcoholic beverages accepted. All broadcasting programs of every description are subject to the approval and censorship of the station's directors without objection or liability.

REPRESENTATIVE

Gene Furgason & Co.

KGEZ

"THE FRIENDLY STATION SERVING WESTERN MONTANA FROM KALISPELL"

KALISPELL-EST. 1927

FREQUENCY: 1310 Kc. POWER: 100 Watts. OWNED BY: Donald C. Treloar. OPERATED BY: Same. BUSINESS ADDRESS: 203 — 1st Ave. E. PHONE: 32-332. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: 2½ miles south on Highway No. 93. TIME ON THE AIR: 7:00 A.M. to 9:30 P.M. NEWS SERVICE: United. Press. TRANSCRIPTION SERVICE: C. P. MacGregor.

Personnel

General ManagerDonald C. Treloar

POLICIES

All advertising subject to station owner's approval.

KGVO

"THE GARDEN CITY STATION"

MISSOULA-EST. 1931

COLUMBIA BROADCASTING SYSTEM

FREQUENCY: 1260 Kc. POWER: 5000 watts, d.; 1000 watts, n. OWNED BY: Mosby's, Inc. OPERATED BY: Mosby's, Inc. BUSINESS ADDRESS: 132 W. Front St. PHONE: 2155. STUDIO ADDRESS: 132 W. Front St. TRANSMITTER LOCATION: 4 miles west on Highway 10. TIME ON THE AIR: 7:00 A.M. to 11:00 P.M. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: NAB Library, Lang-Worth.

Personnel

President and Station ManagerA. J. Mosby
Secretary-TreasurerEdna Mae Mosby
Commercial ManagerJack Burnett
Comptroller
Advertising ManagerNick Moriana
Artists Bureau HeadVernon McGahan
Chief Announcer
Sales ManagerFred Elsethagen
Program and Publicity
DirectorJames Alden Barber
Musical DirectorMarguerite Hood

POLICIES

Advertising of alcoholic beverages and patent medicines not accepted.

Merchandising Manager.....Marion Dixon
Traffic Manager.....Loretta Matthiesen
Chief Engineer.....Tom Atherstone

No commercial copy may exceed 20% of time contracted for during daytime—15% evenings.

Station employs full time merchandising manager for servicing of national accounts.

KGCX

WOLF POINT—EST. 1926

FREQUENCY: 1450 Kc. POWER: 1000 watts. OWNED BY: E. E. Kresbach. OPERATED BY: E. E. Kresbach. OPERATED BY: E. E. Kresbach. BUSINESS ADDRESS: Main and 4th St. PHONE: 102. STUDIO ADDRESS: Main and 4th St. TRANSMITTER LOCATION: Wolf Point. TIME ON THE AIR: 7:00 A.M. to 11:30 P.M. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: Standard Radio, NBC Thesaurus.

Personnel

President E. E. Kresbach
Station and Commercial
Manager Milton J. Severson
Chief Announcer and Publicity
Director A. E. Richmond
Musical Director Adolph Jystad
Chief Engineer Harold Klempil

POLICIES

No restrictions on beer and wine. No restrictions on foreign language accounts.

NEBRASKA =

Population 1,364,000

Number of Families 352,000

Retail Sales \$359,757,000

Number of Radio Homes 284,100

Auto Registrations 349,500

KMMJ

CLAY CENTER—EST. 1925
"THE OLD TRUSTY STATION"

FREQUENCY: 740 Kc. POWER: 1000 Watts. OWNED BY: KMMJ, Inc. OPERATED BY:

KFAB MAIL FACTS

- *369% increase in mail for month January, 1939 over January, 1938.
- 89% of the mail response for January was COMMERCIAL!
- 4017 towns in 43 states; 53 towns in 5 provinces in Canada; 1 town in Puerto Rico, were represented in this ONE month's mail.

KFAB

Serving Nebraska and Her Neighbors, from Lincoln. KMMJ, Inc. BUSINESS ADDRESS: Radio Bldg. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: C. P. Grand Island. TIME ON THE AIR: Sunday, 7:00 A.M. to local sunset; week days, 6:00 A.M. to local sunset. NEWSPAPER AFFILIATION: Clay County Sun. NEWSPERVICE: United Press. TRANSCRIPTION SERVICE: Standard Radio, NAB Library.

Personnel

ManagerRandy Ryan

REPRESENTATIVE

Howard H. Wilson Co.

KGFW

"THE MIDWAY STATION OF THE NATION"

KEARNEY—EST. 1928

FREQUENCY: 1310 Kc. POWER: 250 watts, d.: 100 watts, n. OWNED BY: Central Nebraska Broadcasting Corp. OPERATED BY: Central Nebraska Broadcasting Corp. BUSI-NESS ADDRESS: South Central Ave. PHONE: 31551. STUDIO ADDRESS: South Central Ave.; Pathfinder Bldg., Grand Island. TRANSMITTER LOCATION: South Central Ave. TIME ON THE AIR: 6:00 A.M. to 10:30 P.M. TRANSCRIPTION SERVICE: Standard Radio.

Personnel

Manager and Chief Engineer Walter M. Ely Assistant Manager Fred Christensen

POLICIES

No advertising accepted for any alcoholic products.

REPRESENTATIVE

Cox and Tanz
Walter Biddick Co. (Pacific Coast)

KFAB

"NEBRASKA'S MOST POWERFUL BROADCAST STATION"

LINCOLN—EST. 1924 CBS—CENTRAL STATES BROADCASTING

AL STATES BROADCASTING SYSTEM

FREQUENCY: 770 Kc. POWER: 10,000 Watts. OWNED BY: KFAB Broadcasting Co. OPERATED BY: KFAB Broadcasting Co. BUSINESS ADDRESS: Hotel Lincoln. PHONE: B. 3214. STUDIO ADDRESS: Hotel Lincoln. TRANSMITTER LOCATION: 17th St. and Holdredge. TIME ON THE AIR: 4:45 A.M. to 12:00 midnight. NEWSPAPER AFFILIATIONS: State Journal, Lincoln Star. NEWS SERVICES: International News Service. TRANSCRIPTION SERVICE: World Broadcasting System.

Personnel

President	.Frank D. Throop
General Manager	Don Searle
Sales Manager	Frank Pellegrin
Local Sales Manager	W. Judson Woods
Chief Announcer	Phil Weaver
Publicity Director	Bruce Wallace
Program DirectorLow	ell "Jiggs" Miller
Chief Engineer	Mark Bullock

POLICIES

Does not broadcast for liquor accounts. No foreign language accounts.

Merchandising: A program is plugged extensively on the air for a week preceding its initial broadcast and from time to time thereafter. It will be mentioned on the Radio Calendar of station. A special audition of the initial program is held with all of the sponsor's employees in attendance. A station representative will be present to explain the aims of the program and to answer any questions which may arise. The employees can take advantage of this "advance showing" and pass the word along to their customers, advising them of the interesting program their company is sponsoring and urging them to listen. Promotion Department is ready at all times to work out special merchandising and exploitation with the sponsors.

All promotional stunts are designed to fit the sponsor, his product and the audience he is endeavoring to reach.

REPRESENTATIVE

The Katz Agency

K F O R

"THE VOICE OF LINCOLN"

LINCOLN—EST. 1924

CBS-MUTUAL

CENTRAL STATES BROADCASTING SYSTEM FREQUENCY: 1210 Kc. POWER: 250 Watts. d.; 100 Watts, n. OWNED BY: Cornbelt Broadcasting Corp. OPERATED BY: Cornbelt Broadcasting Corp. BUSINESS ADDRESS: Hotel Lincoln. PHONE: B-3214. STUDIO ADDRESS:

Hotel Lincoln. TRANSMITTER LOCATION: 4607 South 48th. TIME ON THE AIR: 7:00 A.M. to midnight. NEWSPAPER AFFILIATIONS: State Journal, Lincoln Star. NEWS SERVICES: International News Service. TRANSCRIPTION SERVICE: World Broadcasting System.

Personnel

PresidentFrank D. Throop
General ManagerDon Searle
Sales ManagerFrank Pellegrin
Local Sales ManagerW. Judson Woods
Chief AnnouncerPhil Weaver
Program & Musical DirectorJohn Hanssen
Publicity Director
Chief Engineer

POLICIES

Does not broadcast liquor accounts nor foreign language accounts.

Merchandising: Station has a definite 7-Point Plus Plan which is automatically applied to all general rate accounts. Full details will be supplied on request.

REPRESENTATIVE

The Katz Agency

WJAG

"WITH JOY AND GLADNESS"

NORFOLK-EST, 1922

FREQUENCY: 1060 Kc. POWER: 1000 Watts. OWNED BY: Norfolk Daily News. OPERATED BY: Norfolk Daily News. BUSINESS ADDRESS: 116 N. Fourth St. PHONE: 20. STUDIO ADDRESS: Hotel Norfolk. TRANSMITTER LOCATION: W. Koenigstein Ave. TIME ON THE AIR: 6:30 A.M. to local sunset: Sunday, 10:00 A.M. to local sunset. NEWSPAPER AFFILIATION: Norfolk Daily News. NEWS SERVICE USED: United Press and Associated Press.

Personnel

President
Station Manager Art Thomas
Program DirectorRussell Jensen
Chief EngineerFrank Weidenbach

POLICIES

All advertising subject to approval. Station does not guarantee time of announcement or announcer. No announcements between news items. Competitive announcements and programs must be separated by at least three minutes. Credit arrangements must be made in advance. Beer and liquor announcements are not accepted for the noon hour, on Sundays or close to children's or devotional programs. Station will not accept announcements concerning programs that are on other stations at the same time as WJAG. Station does not supply sound effects for announcements but will broadcast transcribed announcements. All announcements must be written in the third person and must conform with the rules of the FCC and the code of ethics of the NAB. Station will not accept announcements that attempt to disguise the

fact. Station will not accept announcements of advertisers who are under investigation by the FTC, the Food and Drugs Administration or the Post Office. Station reserves the right to make schedule changes and cancellations for commercial contingencies as well as political or special event broadcasts. Station will supply on request special political broadcast regulations and also a list of forbidden words.

Merchandising: Station conducts individual merchandising campaign among the advertiser sales outlets; distributes counter cards and arranges window displays; conducts contests; etc. Publicity tie-up with the Norfolk Daily News.

REPRESENTATIVE Howard H. Wilson Co.

noward n. whson co

KGNF

"WESTERN NEBRASKA'S DEPENDABLE DAYTIME STATION"

NORTH PLATTE-EST. 1930

FREQUENCY: 1430 Kc. POWER: 1000 Watts. OWNED BY: Great Plains Broadcasting Co. OPERATED BY: Same. BUSINESS ADDRESS: 1521 W. 12th. PHONE: 132. STUDIO ADDRESS: 1521 W. 12th. TRANSMITTER LOCATION: 1521 W. 12th. TIME ON THE AIR: 7:00 A.M. to local sunset. NEWS SERVICE:

30

Check this date on your calendar NOW!

COLUMBIA
B A S I C
G O E S
K O I L !

A new holiday for the Omaha area and YOU! 30

United Press. TRANSCRIPTION SERVICE: C. P. MacGregor.

Personnel

POLICIES

Liquor advertising not accepted.

Merchandising aids through regular column in local newspaper and advance spot publicity campaigns.

KOIL

OMAHA-EST. 1925

NBC (Blue)-MUTUAL

FREQUENCY: 1260 Kc. POWER: 5000 Watts, d.; 1000 Watts, n. OWNED BY: Central States Broadcasting Co. OPERATED BY: Central States Broadcasting Co. BUSINESS ADDRESS: Omaha. PHONE: Jackson 7626. STUDIO ADDRESS: Omaha Nat. Bank Bldg. TRANSMITTER LOCATION: Council Bluffs, Iowa. TIME ON THE AIR: 6:30 A.M. to midnight. NEWSPAPER AFFILIATION: Lincoln Star & Journal. NEWS SERVICE: International News Service. TRANSCRIPTION SERVICE: World Broadcasting System.

Personnel

PresidentFrank Troup
General Manager
Sales ManagerFrank Pellegrin
Acting Program Director Howard Hughes
Merchandising ManagerR. Bruce Wallace
Chief Engineer

POLICIES

No stated special commercial program restrictions.

Merchandising: Station has a definite 7-Point Plus Plan which is automatically applied to all general rate accounts. Full details will be supplied on request.

REPRESENTATIVE

The Katz Agency

WAAW

OMAHA—EST. 1922

FREQUENCY: 660 Kc. POWER: 500 Watts.
OWNED BY: World Publishing Co. OPERATED BY: World Publishing Co. BUSINESS ADDRESS: 7th Floor Omaha Grain Exchange Bldg. STUDIO ADDRESS: Same.
TRANSMITTER LOCATION: Northwest of
Omaha. TIME ON THE AIR: Daytime. NEWS
SERVICE: United Press. TRANSCRIPTION
SERVICE: Standard Radio.

Personnel

Co-Managers F. E. Shopp	oen—W.	F. Myers
Program Director	. W. G.	Goodrich
Assistant ManagerJo	ımes C.	Douglass
Commercial Manager	Jar	nes Acuff

POLICIES

Station offers a merchandising plan on a cooperative basis.

REPRESENTATIVE

William G. Rambeau Co.

WOW

"YOUR VOICE OF THE AIR"

OMAHA-EST, 1923

NBC (Basic Red)

CORNBELT WIRELESS NETWORK

FREQUENCY: 590 Kc. POWER: 5000 watts. OWNED BY: Woodmen of the World Life Insurance Society. OPERATED BY: Woodmen of the World Life Insurance Society. BUSINESS ADDRESS: Insurance Bldg. PHONE: Jackson 6844. STUDIO ADDRESS: Insurance Bldg. TRANSMITTER LOCATION: 56th and Kansas Ave. TIME ON THE AIR: 5:45 A.M. to 1:00 A.M. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: NBC Thesaurus NAB Recorded Library.

Personnel

President
Personnel DirectorWilliam Reuss
Station ManagerJohn J. Gillin, Jr
Program Manager & Chief
Announcer
Promotion Manager Howard O. Peterson
Publicity DirectorBill Wiseman
News EditorFoster May
Production ManagerLyle De Moss
Chief Engineer

POLICIES

Does not accept liquor advertising nor foreign language accounts.

Station has a monthly publication devoted to advertisers and programs, and distributed to listeners. This eight-page publication "Radio News Tower" has a large paid net circulation.

Station has facilities to handle all types of merchandising cooperation.

REPRESENTATIVE

John Blair & Company

KGKY

SCOTTSBLUFF-EST. 1930

FREQUENCY: 1500 Kc. POWER: 250 Watts, d.: 100 Watts, n. OWNED BY: Hilliard Co., Inc. OPERATED BY: Hilliard Co., Inc. BUSINESS ADDRESS: 1517½ Broadway. PHONE: 856. STUDIO ADDRESS: 1517½ Broadway. TRANSMITTER LOCATION: Scottsbluff. TIME ON THE AIR: 6:30 A.M. to 9:00 P.M. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICES: NBC Thesaurus.

Personnel

President and Station ManagerL. L. Hilliard
Advertising ManagerR. M. Stewart
Chief Announcer
Publicity DirectorBill Walter
Chief Engineer

POLICIES

Beer advertising accepted. Foreign language accounts accepted (German).

Assists advertisers in any reasonable merchandising venture.

NEVADA

Population 101,000

Number of Families 30,000 Retail Sales \$43,932,000 Number of Radio Homes 28,500 Auto Registrations 31,500

K O H

"THE VOICE OF NEVADA"

RENO-EST. 1930

COLUMBIA BROADCASTING SYSTEM CALIFORNIA RADIO SYSTEM

FREQUENCY: 1380 Kc. POWER: 500 watts. OWNED BY: The Bee, Inc. OPERATED BY: McClatchy Broadcasting Co. BUSINESS ADDRESS: 440 N. Virginia. PHONE: 5106-7. STUDIO ABERESS: 440 N. Virginia. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 7:0) A M. to midnight: Sunday, 8:00 A M. to midnight. NEWSPAPER AFFILIATION: McClatchy Newspapers. NEWS SERVICES: United Press. TRANSCRIPTION SERVICE: NBC Thesaurus and NAB Library.

Personnel

Vice-President			
Business Manager			
Station ManagerWallie D. Warren			
Chief AnnouncerMerrill Inch			
Chief Engineer			
DOLLGIEG			

POLICIES

Does not accept hard liquor advertising, only light wines and beers. No foreign language programs.

Merchandising: Station supports a complete merchandising department and is sufficiently staffed to conduct complete surveys of all merchandise outlets and care for displays and stimulate general good will toward the advertised product in the eyes of all outlets.

REPRESENTATIVE

TILL TIED LIVE TALLY I

Paul H. Raymer Company

NEW HAMPSHIRE

Population 510,000

Number of Families 136,000

Retail Sales \$152,583,000

Number of Radio Homes 124,400

Auto Registrations 100,700

WLNH

"FRIENDLY VOICE OF NEW HAMPSHIRE"

LANCONIA-EST. 1922

MUTUAL—COLONIAL AND YANKEE NETWORKS

FREQUENCY: 1310 Kc. POWER: 100 watts. OWNED BY: Northern Broadcasting Co. OPERATED BY: Northern Broadcasting Co. BUSINESS ADDRESS: Masonic Temple Bldg. PHONE: 501. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Brigham St. TIME ON THE AIR: 7:00 A.M. to 12:00 midnight: Sunday, 8:00 A.M. to 12:00 midnight. NEWS SERVICE: Yankee Network News. Member of the Yankee Network Artists Bureau.

Personnel

Presid	lent	lm	Jenney
Gener	al ManagerEdwo	ard	J. Lord
Chief	AnnouncerSherwin	Gr	eenlaw
Chief	EngineerKenneth	A.	Taylor

POLICIES

Liquor advertising, subject to the approval of the New Hampshire Liquor Commission. No foreign language accounts accepted.

All merchandising features available at minimum cost.

REPRESENTATIVE Weed & Company

WFEA

MANCHESTER-EST, 1932

NBC (OPTIONAL BLUE AND RED)—YANKEE
AND COLONIAL NETWORK

FREQUENCY: 1340 Kc. POWER: 1000 watts, d.; 500 watts, n. OWNED BY: N. H. Broadcasting Co. OPERATED BY: N. H. Broadcasting Co. BUSINESS ADDRESS: Carpenter Hotel. PHONE: 7970-7520. STUDIO ADDRESS: Carpenter Hotel. TRANSMITTER LOCATION: Merrimack. TIME ON THE AIR: (daily) 8:00 A. M. to Midnight; Sunday 8:45 A.M. to Midnight. NEWS SERVICE: United Press. TRANS-CRIPTION SERVICE: NBC Thesaurus, C. P. MacGregor.

Personnel

President
Manager
Sales ManagerL. F. Smith
Publicity DirectorA. Soutar
Chief EngineerV. H. Chandler

POLICIES

Accept no "hard liquor" accounts; does accept beer and foreign language accounts.

Restrict use of medicinal copy.

REPRESENTATIVE

Weed & Company

WHEB

"THE NATIONAL CHANNEL STATION
THAT SERVES THE NORTHEAST'S
COUNTRYSIDE"

PORTSMOUTH-EST, 1932

FREQUENCY: 740 Kc. POWER: 250 Watts. OWNED BY: Granite State Broadcasting Corp. OPERATED BY: Same. BUSINESS ADDRESS: 39 Congress St. PHONE: 2670-1. TRANSMITTER LOCATION: Newington. TIME ON THE AIR: 7:00 A.M. to one hour after local sunset; Sunday, no commercial schedule. TRANSCRIPTION SERVICES: NBC Thesaurus, C. P. MacGregor. MAINTAINS ARTISTS BUREAU.

Personnel

President
Treasurer
Manager
Artists Bureau HeadWm. Elliott
Chief AnnouncerDonald Stevens
Musical Director
Chief EngineerDonald Stevens

POLICIES

Advertising of beer and liquor not accepted. No commercials are accepted on Sunday. Foreign language programs accepted.

Merchandising staff and facilities are available at advertiser's expense.

NEW JERSEY-

Population 4,343,000

Number of Families 1,098,000

Number of Radio Homes 1.022.500

Retail Sales \$1,220,299,000

Auto Registrations 852,186

WCAP

"THE VOICE OF CITY OF ASBURY PARK, NEW JERSEY, ONE OF AMERICA'S FORE-MOST ALL-YEAR RESORT CITIES"

ASBURY PARK-EST, 1927

FREQUENCY: 1280 Kc. POWER: 500 Watts. OWNED BY: Radio Industries Broadcasting Co. OPERATED BY: Radio Industries Broadcasting Co. BUSINESS ADDRESS: 4 Convention Hall. PHONE: 1911-2955. STUDIO ADDRESS: 8, 10, 12 Convention Hall. TRANSMITTER LOCATION: Whitesville, N. J. TIME ON THE AIR: Shares time with WCAM and WTNJ. NEWS SERVICE: local news. MAINTAINS ARTISTS' BUREAU.

Personnel

President	. George S. Ferguson
Station Manager	V. N. Scholes
Commercial Manager	D. Johanson
Technical Advisor	Thomas F. Burley
Publicity Director	William Cooper
Musical Director	G. H. Scott
Chief Engineer	Ernest G. Ruckle

POLICIES

Beer and wine accepted; no hard liquor advertising; all copy must conform to station standards and FCC regulations.

WPG

"WORLD'S PLAYGROUND"

ATLANTIC CITY—EST. 1924 COLUMBIA BROADCASTING SYSTEM

FREQUENCY: 1100 Kc. POWER: 5000 watts, OWNED BY: City of Atlantic City. OPERATED BY: City of Atlantic City. BUSINESS ADDRESS: Convention Hall. PHONE: 4-6538. STUDIO ADDRESS: Convention Hall. TRANSMITTER LOCATION: Airport. TIME ON THE AIR: 8:00 A.M. to 12:00 midnight. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: NBC Thesaurus.

Personnel

Commercial Manager	. w.	н.	Appleby
Station Manager	N	orme	an Reed
Chief Announcer	1	Ray	Morgan
Musical Director	Marg	aret	Keever
Chief Engineer	E	ırle	Godfrey

POLICIES

Accept liquor advertising, and also handle foreign language accounts (Jewish and Italian).
Assist advertisers in obtaining dealers for their products, and also arrange for displays and circularizing, etc.

WSNJ

"SERVING SOUTH JERSEY AND DELA-WARE FROM BRIDGETON"

BRIDGETON—EST. 1937

FREQUENCY: 1210 Kc. POWER: 100 Waits.

OWNED BY: Eastern States Broadcasting
Corp. OPERATED BY: Same. BUSINESS ADDRESS: Bridgeton. PHONE: Bridgeton 1600.

STUDIO ADDRESS: Same. TRANSMITTER
LOCATION: Same. TIME ON THE AIR:
7:00 A.M. to local sunset. NEWS SERVICE:
International News Service. TRANSCRIPTION
SERVICE: NBC Thesaurus, C. P. MacGregor.

Personnel

President	. Howard	S. I	razier
Station Manager		. Paul	Alger
Commercial Manager	Bu	rt Mc	Kinnie
Publicity Director		Fred	Wood
Chief Engineer		. Russ	el Ely

POLICIES

Accepts beer accounts, but no wine or liquor. Italian foreign language programs only.

Station publishes its own weekly radio news sheet, 7500 free circulation. Arrangements made with local chain stores for distribution of WSNJ advertised products.

REPRESENTATIVE

Wellman Service

WCAM

CAMDEN—EST. 1926

FREQUENCY: 1280 Kc. POWER: 500 Watts. OWNED BY: City of Camden. OPERATED BY: Same. BUSINESS ADDRESS: City Hall. PHONE: 9000-907-4523. STUDIO ADDRESS: City Hall. TRÂNSMITTER LOCATION: Civic Center. TIME ON THE AIR: Shares time with WCAP and WTNJ. NEWS SERVICE: Transradio Press. TRÂNSCRIPTION SERVICE: Standard Radio.

Personnel

Station Managerrrederick Caperoon
Program Director and Chief
AnnouncerRobert Horn
Musical DirectorE. Nelson Layman
Chief Engineer

POLICIES

Liquor advertising confined to companies having warehouses in New Jersey.

Two hours per week allotted to foreign language accounts.

Merchandising through Camden City and County Newspapers.

REPRESENTATIVE

Mack Radio Sales Co.

WAAT

JERSEY CITY-EST. 1926

FREQUENCY: 940 Kc. POWER: 500 Watts. OWNED BY: Bremer Broadcasting Corp. OPERATED BY: Bremer Broadcasting Corp. BUSI: Bremer Broadcasting Corp. BUSI: Dournal Square. PHONE: Journal Square 0716-7-8 and Rector 2-5878 and Market 3-0383. TIME ON THE AIR: 6:00 A.M. to 6:00 P.M. (E.S.T.). NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: NBC Thesaurus, Standard Radio. MAINTAINS ARTISTS BUREAU.

WHAT MAKES A STATION A GOOD STATION?

GOOD place on the dial (940 K.C.)

GOOD signal strength (received as well as any 50,000 watts)

GOOD market coverage (Metropolitan N. Y., Jersey City & Suburbs)

GOOD audience acceptance (just ask us to prove it)

And Most Important of All

LOW comparative cost (look at our rate eard)

WAAT

JERSEY CITY

Personnel

President and General
ManagerPaul H. LaStay
Program Director
Chief Announcer
Sales Manager
Publicity DirectorOrth Bel
Musical DirectorFabe Nicholson
Chief EngineerAnthony Castellan

POLICIES

No foreign language or hard liquor advertising accepted. Light wine and beer advertising accepted.

No special merchandising features at present.

REPRESENTATIVE

Burn-Smith Co.

WHOM

"ON YOUR DIAL AT 1450"

JERSEY CITY—EST. 1930

FREQUENCY: 1450 Kc. POWER: 250 watts. OWNED BY: N. J. Broadcasting Corp. OPERATED BY: N. J. Broadcasting Corp. BUSINESS ADDRESS: 29 W. 57th St., New York City. PHONE: Journal Square 2: PLaza 3-4204, New York. STUDIO ADDRESS: 2870 Hudson Blvd.; 29 W. 57th St., New York City. TRANSMITTER LOCATION: Hoboken, N. J. TIME ON THE AIR: 7:00 A.M. to 12:00 midnight. NEWS SERVICE: Press Radio Bureau. MAINTAINS ARTISTS' BUREAU.

Personnel

PresidentPaul F. Harron
Station and Commercial
ManagerJoseph Lang
Program & Continuity
Director
Musical Director
Office Manager
Chief Engineer

POLICIES

No hard liquor accepted. Wine and beers acceptable.

Specialize in foreign language programs.

Special merchandising department for all languages.

wнвı

NEWARK-EST. 1922

FREQUENCY: 1250 Kc. POWER: 2500 Watts, d.; 1000 Watts, n. OWNED BY: May Radio Broadcasting Corp. OPERATED BY: May Radio Broadcasting Corp. BUSINESS ADDRESS: 100 Shipman St. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Newark. TIME ON THE AIR: Part time.

Personnel

President-General Manager. James L. Shearer

REPRESENTATIVE

Burn-Smith Co.

WOR

"ONE OF AMERICA'S GREAT STATIONS"

NEWARK-EST. 1922

MUTUAL BROADCASTING SYSTEM FREQUENCY: 710 Kc. POWER: 50,000 Watts. OWNED BY: Bamberger Broadcasting Service. OPERATED BY: Same. BUSINESS ADDRESS: 131 Market St. PHONE: (Newark) Market 2-1212. (New York) PEnnsylvania 6-8383. STUDIO ADDRESS: 131 Market St., Newark and 1440 Broadway, N. Y. C. TRANSMITTER LOCATION: Carteret. TIME ON THE AIR: (daily) 6:30 A.M. to 1:35 A.M. (Sunday) 8:00 A.M. to 2:00 A.M. NEWS SERVICES: Transradio Press Service, Press Radio Bureau. General News Ticker (Sports). MAINTAINS ARTISTS BUREAU. TRANSCRIPTION SERVICE: World Broadcasting System: Complete facilities plus own recording equip-

Personnel

PresidentAlfred J. McCosker
Vice president and general
managerTheodore C. Streibert
Vice president in charge of
salesFrank Braucher
Director of program
operationsJulius F. Seebach, Jr.
Director of public relations and
special features
Chief EngineerJ. R. Poppele
Director WOR Artists BureauNat Abramson
Director of Sales PromotionJoe Creamer
Musical DirectorAlfred Wallenstein
Assistant Sales ManagerEugene S. Thomas

POLICIES

Beer, wine and liquor advertising accepted subject to acceptability of the copy. Programs in foreign languages not accepted. Other restrictions include the right to eliminate all or parts of programs which station may consider contrary to its policy or interest.

REPRESENTATIVES

Paul A. Belaire, Boston, Mass. Harold C. Higgins, Chicago, Ill. Edward S. Townsend, San Francisco

WBRB

"HOME TOWN STATION"

RED BANK-EST. 1935

FREQUENCY: 1210 Kc. POWER: 100 watts. OWNED BY: Monmouth Broadcasting Co. OPERATED BY: Monmouth Broadcasting Co. BUSINESS ADDRESS: 63 Broad St. PHONE: 980. STUDIO ADDRESS: 63 Broad St. TIME ON THE AIR: Divides time with WGBB—WGNY—WFAS. NEWS SERVICE: Local and country news gathered.

Personnel

President	.Thomas F. Burley, Jr.
Station Manager	Lillian Mayhew
Commercial Manager	V. N. Scholes
Chief Announcer	Art Mayhew, Jr.
Musical Director	Betty Huhn
Chief Engineer	Robert Johnson

POLICIES

Beer and wine accepted; no hard liquor. All copy subject to station approval and FCC rules and regulations.

WTNJ

TRENTON—EST. 1923

FREQUENCY: 1280 Kc. POWER: 500 Watts. OWNED BY: WOAX, Inc. OPERATED BY: WOAX, Inc. OPERATED BY: WOAX, Inc. BUSINESS ADDRESS: 308 Commonwealth Bidg. PHONE: Trenton 8149. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Lincoln Highway. TIME ON THE AIR: 7:00 A.M. to 10:30 A.M. and 5:00 P.M. to 8:00 P.M.; Saturday, 7:00 A.M. to 10:30 A.M. and 4:00 P.M. to 8:00 P.M.; Sunday, 5:00 P.M. to 8:00 P.M. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: NAB Library, Associated.

POLICIES

Merchandising and advertising service available. Supporting Advertising will be arranged.

WAWZ

"ARISE, GET THEE TO ZAREPHATH"
(I KINGS 17:9)

ZAREPHATH-EST, 1931

FREQUENCY: 1350 Kc. POWER: 1000 Watts, d.; 500 Watts, n. (C.P. 1000 Watts, n.). OWNED BY: Pillar of Fire Church. OPERATED BY: BUSINESS ADDRESS: Zarephath. Same. PHONE: Bound Brook 223. STUDIO ADDRESS: TRANSMITTER LOCATION: Alma White College, TIME ON THE AIR: 6:00 A.M. to 9:00 A.M. and 6:00 P.M. to 7:30 P.M., Monday, Wednesday, Thursday and Friday; 7:45 A.M. to 8:45 A.M. and 6:00 P.M. to 7:30 P.M., Tuesday and Saturday: 6:00 A.M. to 9:00 A.M., 11:00 A.M. to 12:30 P.M., 3:00 P.M. to 4:30 P.M. and 7:00 P.M. to 8:30 P.M., Sunday, TRAN-SCRIPTION SERVICE: Makes own transcriptions, also uses Federal Government transcriptions.

Personnel

President	Bishop	Alma	White
Co-Manager	Rev. Art	hur K.	White
Station Manager	Rev.	Ray B.	White
Musical Director	Orland	A. W	olfram
Chief Engineer		N. L.	Wilson

POLICIES

Non-commercial outlet.

NEW MEXICO

Population 422,000

Number of Families 102,000

Retail Sales \$88,751,000

Number of Radio Homes 62,300

Auto Registrations 97,857

KGGM

"THE HIGH FIDELITY VOICE OF NEW MEXICO"

ALBUQUERQUE—EST. 1929 COLUMBIA BROADCASTING SYSTEM

FREQUENCY: 1230 Kc. POWER: 1000 Watts. OWNED BY: New Mexico Broadcasting Co. OPERATED BY: Same. BUSINESS ADDRESS: Kimo Theater Bldg. PHONE: 929-930. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: East of town. TIME ON THE AIR: 7:00 A.M. to 11:00 P.M.; Sunday, 8:00 A.M. to 11:00 P.M. TRANSCRIPTION SERVICE: World Broadcasting System and Standard Radio.

Personnel

President
General ManagerMike Hollander
Production ManagerElmer Fondren
Merchandising ManagerC. E. Redman
Musical DirectorGeorge Thorne
Chief EngineerLeonard Dodds

POLICIES

Does not accept liquor advertising.

Merchandising department furnishes fresh
continuity for every announcement, spot and
program continuity broadcast on this station,
except where client insists upon repetition.
Station through its merchandising department
cooperates with sponsors in every phase of

REPRESENTATIVE

merchandising.

Howard H. Wilson Co.

K O B

"THE VOICE OF NEW MEXICO"
ALBUQUERQUE—EST. 1920

NBC (RED AND BLUE SUP.)

FREQUENCY: 1180 Kc. POWER: 10,000 watts. OWNED BY: Albuquerque Broadcasting Co. OPERATED BY: Albuquerque Broadcasting Co. BUSINESS ADDRESS: 424 W. Gold Ave. PHONE: 1180. STUDIO ADDRESS:

424 W. Gold Ave. TRANSMITTER LOCATION: Alameda. TIME ON THE AIR: 6:00 A.M. to 9:00 P.M. NEWS SERVICE: Transradio Press, Radio News Assoc. TRANSCRIPTION SERV-ICE: NBC Thesaurus, MacGregor & Sollie.

Personnel

PresidentT. M. Pepperday
ManagerFrank Quinn
Chief Engineer

POLICIES

Advertising of alcoholic beverages not accepted, except beer and wine.

Foreign language programs; Spanish only, accepted; English translation must be used.

All merchandising co-operation desired by client will be rendered. Client is expected to pay whatever may be the actual cost of such special merchandising or exploitation.

REPRESENTATIVE

John G. Dale

KLAH

"THE CAVERN CITY STATION"

CARLSBAD-EST, 1936

FREQUENCY: 1210 Kc. POWER: 250 watts, d.: 100 watts, n. OWNED BY: Jack Hawkins and Barney Hubbs. OPERATED BY: Jack Hawkins and Barney Hubbs. BUSINESS ADDRESS: Crawford Hotel. PHONE: 244. STUDIO ADDRESS: Crawford Hotel. TRANSMITTER LOCATION: Carlsbad. TIME ON THE AIR: 6:30 A.M. to 9:00 P.M. NEWS SERVICE: TRANSCRIPTION SERVICE: NBC Thesaurus.

Personnel

Station	n ManagerJack Hawkins
Comm	ercial ManagerLucille Nelson
Chief	AnnouncerBill Sharpe
Chief	Engineer

POLICIES

Accept liquor and wine, also accept Spanish language programs.

Offer any reasonable merchandise aid to advertisers.

KICA

"THE FRIENDLY VOICE OF THE PLAINS"

CLOVIS—EST. 1931

FREQUENCY: 1370 Kc. POWER: 100 watts.

OWNED BY: Western Broadcasters, Inc. OPERATED BY: Western Broadcasters, Inc.

BUSINESS ADDRESS: 412 Pile. PHONE: 3.

STUDIO ADDRESS: 412 Pile. TRANSMITTER
LOCATION: Hillcrest Park. TIME ON THE
AIR: 6:30 A.M. to 9:00 P.M. NEWS SERVICE:
Radio News Ass'n, NEA. TRANSCRIPTION
SERVICE: World Broadcasting System.

Personnel

POLICIES

Liquor advertising accepted. Foreign lanquage not necessary in territory.

Station extends full merchandising cooperation.

KAWM

"IN THE LAND OF ENCHANTMENT"

GALLUP-EST, 1937

FREQUENCY: 1500 Kc. POWER: 250 watts, d.; 100 watts, n. OWNED BY: A. W. Mills. OPERATED BY: A. W. Mills. BUSINESS ADDRESS: 1100 E. Aztec. PHONE: 19. STUDIO ADDRESS: 1100 E. Aztec. TRANSMITTER LOCATION: 1100 E. Aztec. TIME ON THE AIR: 7:30 A.M. to 8:00 P.M.

Personnel

Station Manager	. A.	w.	Mills
Commercial Manager	1	Don	Mills
Program DirectorFr	ranc	ces l	Dolan

POLICIES

No liquor advertisements accepted. Foreign language programs accepted.

Merchandising: billboards and weekly newspaper tie-up.

KWEW

"THE VOCAL ADVERTISING MEDIUM OF EASTERN NEW MEXICO"

HOBBS—EST. 1937

FREQUENCY: 1500 Kc. POWER: 100 Watts. OWNED BY: W. E. Whitmore. OPERATED BY: W. E. Whitmore. BUSINESS ADDRESS: Hobbs. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 6:00 A.M. to local sunset. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: Standard Radio, C. P. MacGregor.

Personnel

General Manager	1	w.	E.	w	hitmore
Station Manager			B	en	Parker

KGFL

"THE VOICE OF THE PECOS VALLEY"
ROSWELL—EST. 1927

FREQUENCY: 1370 Kc. POWER: 100 Watts. OWNED BY: KGFL, Inc. OPERATED BY: KGFL, Inc. OPERATED BY: KGFL, Inc. BUSINESS ADDRESS: 502 W. 2nd St. PHONE: 288. STUDIO ADDRESS: 502 W. 2nd St. TRANSMITTER LOCATION: 511 W. 16th St. TIME ON THE AIR: 6:00 A.M. to 1:00 P.M. and 4:00 P.M. to 7:30 P.M. TRANSCRIPTION SERVICES: MacGregor and Solie.

Personnel

Station Manager
Chief AnnouncerBill Burck
Chief Engineer

POLICIES

No liquor advertising accepted.

KRQA

SANTE FE-EST, 1935

FREQUENCY: 1310 Kc. POWER: 100 watts. OWNED BY: J. Laurance Martin. OPERATED BY: Sunshine Broadcasting System. BUSINESS ADDRESS: 750 Cerrillos Road. PHONE: 1456. STUDIO ADDRESS: 759 Cerrillos Road. TRANSMITTER LOCATION: 759 Cerrillos Road. TIME ON THE AIR: 7:00 A.M. to 2:00 P.M. and 4:30 P.M. to 9:30 P.M.: Sunday, 10:00 A.M. to 3:00 P.M. to 9:30 P.M.: Sunday, 10:00 A.M. to 3:00 P.M. NEWS SERVICE: Transradio Press.

Personnel

Station Manager-Chief Engineer...J. L. Martin Chief Announcer...........M. D. Marshall

POLICIES

Station reserves right to have complete control over all copy.

Merchandising: Complete cooperation in seeing that local representation is achieved; stock checks on display and quantity.

NEW YORK=

Population 12,959,000

Number of Families 3,372,000

Number of Radio Homes 3,132,300

Retail Sales \$4,749,708,000

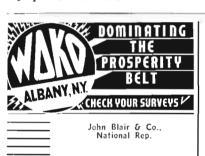
Auto Registrations 2,263,881

WABY

ALBANY-EST. 1934

NBC (Blue)

FREQUENCY: 1370 Kc. POWER: 250 Watts, d.: 100 Watts, n. OWNED BY: Adirondack Broadcasting Co., Inc. OPERATED BY: Adirondack Broadcasting Co., Inc. BUSINESS ADDRESS: Radio Center. PHONE: 4-4194. STUDIO ADDRESS: Strand Theater Bldg. TRANSMITTER LOCATION: Colonie, N. Y. TIME ON THE AIR: 7:00 A.M. to 1:00 A.M. NEWSPAPER AFFILIATION: Knickerbocker News. NEWS SERVICE: United Press. TRANSCRIPTION SERVICES: World Broadcasting System, Associated.



PROVED PROFIT MAKERS

Harold E. Smith, (Gen. Mgr.)

George P. Hollingbery Co., National Rep.



Personnel

POLICIES

Liquor advertising accepted subject to strict supervision of copy.

Merchandising through limited personal calls, telephone calls, letters to trade, spot announcements plugging program; releases publicity to newspapers.

REPRESENTATIVE

George P. Hollingbery Co.

WOKO

ALBANY—EST. 1924

COLUMBIA BROADCASTING SYSTEM FREQUENCY: 1430 Kc. POWER: 1000 watts, d.; 500 watts, n. OWNED BY: WOKO, Inc. OPERATED BY: WOKO, Inc. BUSINESS ADDRESS: Hotel Ten Eyck. PHONE: 4-4193. STUDIO ADDRESS: Hotel Ten Eyck. TRANSMITTER LOCATION: Central Ave. TIME ON THE AIR: 7:00 A.M. to 1:00 A.M. NEWSPAPER AFFILIATION: Knickerbocker News. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: World Broadcasting System, Lang-Worth and NAB Library.

Personnel

POLICIES

Liquor advertising not accepted.

Merchandising through limited personal calls and telephone calls on trade; letters to trade; spot announcements; publicity release to papers.

REPRESENTATIVE

John Blair & Co.

W M B O

"THE VOICE OF THE FINGER LAKES"
AUBURN—EST. 1927

FREQUENCY: 1310 Kc. POWER: 250 Watts, d.: 100 Watts, n. OWNED BY: WMBO, Inc. OPERATED BY: WMBO, Inc. BUSINESS ADDRESS: 141 Genesee St. PHONE: 433 Studio

—431 Transmitter. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: York and Division Sts. TIME ON THE AIR: 8:00 A.M. to 8:00 P.M. NEWSPAPER AFFILIATION: Auburn Citizen - Advertiser. TRANSCRIPTION SERVICE: Standard Radio. MAINTAINS ARTISTS BUREAU.

Personnel

President	Roy	L.	Αl	bertson
Station Manager	.Frede	rick	L.	Keesee
Commercial Manager		. F.	L.	Keesee
Publicity Director		Dore	oth	y Bolin
Chief Engineer	I	Ierb	ert	House

POLICIES

Does not carry liquor accounts. Accepts foreign language accounts.

Merchandising aid through exploitation of programs and features over the station.

WNBF

"WHY NOT BINGHAMTON FIRST"

BINGHAMTON—EST. 1927

COLUMBIA BROADCASTING SYSTEM

FREQUENCY: 1500 Kc. POWER: 250 Watts. d.; 100 Watts, n. OWNED BY: Howitt-Wood Radio Co. OPERATED BY: Cecil D. Mastin. Mgr. BUSINESS ADDRESS: Arlington Hotel. PHONE: Binghamton 2-3461. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Cleveland & Stokes. TIME ON THE AIR: (Daily) 7:00 A.M. to 1:00 A.M.; (Sunday) 9:00 A.M. to 1:00 A.M. NEWS SERVICE: Transradio Press.

Personnel

President	. John C. Clark
General Manager	. Cecil D. Mastin
Sales Manager	.Harry Trenner
Advertising Manager	Fred Dodge
Chief Announcer	.Tony Wheeler
Musical Director	Elizabeth Lamb
Chief Engineer	ester H. Gilbert

POLICIES

Does not take any whiskey or liquor accounts and takes beer or wine accounts after 9 P.M. Maintains Slovak programs for six months in the year.

Merchandising: Station is fully equipped to assist in merchandising radio advertising programs.

REPRESENTATIVE Harry Trenner, New York

WARD

"THE INDEPENDENT METROPOLITAN STATION"

BROOKLYN—EST. 1926

FREQUENCY: 1400 Kc. POWER: 500 Watts. OWNED BY: United States Broadcasting Corp. OPERATED BY: Same. BUSINESS ADDRESS: 427 Fulton St. PHONE: Triangle 5-3301. STU-DIO ADDRESS: Same. TRANSMITTER LOCA-TION: Long Island City. TIME ON THE AIR: Shares time. MAINTAINS ARTISTS BUREAU.

Personnel

Station Manager
Program DirectorFranklin H. Small
Artists Bureau HeadS. Medoff
Musical DirectorSamuel Medoff
Chief Engineer

POLICIES

Accepts no liquor advertising. All other advertising subject to code of ethics of the National Association of Broadcasters.

Station maintains a merchandising staff.

REPRESENTATIVE

Crown Advertising Inc.

WBBC

"BROOKLYN'S OWN STATION"

BROOKLYN-EST. 1926

FREQUENCY: 1400 Kc. POWER: 500 Watts. OWNED BY: Brooklyn Broadcasting Corp. OPERATED BY: Brooklyn Broadcasting Corp. BUSINESS ADDRESS: WBBC Bldg., 552-554 Atlantic Ave. PHONE: TRiangle 5-6690. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Avenue X & East 70th. TIME ON THE AIR: Shares time with WARD, WLTH and WVFW. MAINTAINS AN ARTISTS BUREAU. TRANSCRIPTION SERVICE: Lang-Worth.

Personnel

General Manager and Chief
EngineerPeter Testan
Commercial ManagerArnold J. Jaffe
Program DirectorBert Child

POLICIES

Merchandising: Advertisers are offered every assistance in establishing their product. Station sales department will advise and cooperate in dealer promotional campaigns.

WBBR

BROOKLYN-EST, 1934

FREQUENCY: 1300 Kc. POWER: 1000 Watts.
OWNED BY: Peoples Pulpit Assn. OPERATED
BY: Peoples Pulpit Assn. BUSINESS ADDRESS:
124 Columbia Heights. STUDIO ADDRESS:
Same. TRANSMITTER LOCATION: Staten
Island. TIME ON THE AIR: Shares time.

Personnel

Manager	.Andrew K. Wagner
Musical Director	
Dramatic Director	

POLICIES

Station is operated non-commercially and for the dissemination of Bible Truths. Non-political.

Musical programs are limited to accepted standard classics (Jazz is banned).

WCNW

"THE FIRST STATION ON THE DIAL"

BROOKLYN-EST, 1928

FREQUENCY: 1500 Kc. POWER: 250 Watts, d.: 100 Watts, n. OWNED BY: Arthur Faske. OPERATED BY: Same. BUSINESS ADDRESS: 846 Flatbush Ave. PHONE: Ingersoll 2-1500, 6000. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: 180 Morgan Ave. TIME ON THE AIR: Shares day and evening with WWRL & WMBQ: 29 daytime hours per week: 16 night-time hours per week. MAINTAINS ARTISTS' BUREAU. NEWS SERVICE: Christian Science Monitor.

Personnel

OwnerArthur Faske
General ManagerL. W. Berne
Program DirectorRoger Wayne
Chief AnnouncerRay Baker
Publicity Director
Musical DirectorRoger Wayne
Chief EngineerMilton Meyerowitz

POLICIES

Foreign language programs accepted. Modified liquor advertising accepted.

Merchandising department maintained.

NBC RED NETWORK

WHEN YOU

tell

THE WBEN

AUDIENCE, YOU

sell

ALL BUFFALO

NEW YORK STATE'S SECOND MARKET

WLTH

"THE RADIO THEATRE OF THE AIR"

BROOKLYN—EST. 1925

FREQUENCY: 1400 Kc. POWER: 500 watts. OWNED BY: The Voice of Brooklyn. Inc. OPERATED BY: The Voice of Brooklyn, Inc. BUSINESS ADDRESS: 105 Second Ave., N. Y. C. PHONE: ORchard 4-1203-4-5. STUDIO ADDRESS: 105 Second Ave., N. Y. C. TRANSMITTER LOCATION: 2568 Flatbush Ave. TIME ON THE AIR: Quarter Schedule. NEWS SERVICE: Jewish Telegraphic Agency. TRANSCRIPTION SERVICE: Lang-Worth.

Personnel

President and General
ManagerSamuel J. Gellard
Chief AnnouncerNorman H. Warembud
Publicity DirectorNorman H. Warembud
Musical Director Doris Webb
Chief Engineer John Temple

POLICIES

Specialize in Jewish programs. Advertising of alcoholic beverages accepted after 10:00 P.M.

Merchandising service. 500 of the leading grocery stores in Jewish neighborhoods organized under banner of WLTH to co-operate with food manufacturers. Station's merchandising men call daily on stores.

WVFW

"VOICE OF THE VETERANS OF FOREIGN WARS"

BROOKLYN—EST. 1926

FREQUENCY: 1400 Kc. POWER: 500 watts. OWNED BY: Paramount Broadcasting Corp. OPERATED BY: Paramount Broadcasting Corp. BUSINESS ADDRESS: One Nevins St. PHONE: TRI 5-0313 TRI 5-2628. STUDIO ADDRESS: One Nevins St. TRANSMITTER LOCATION: Flatbush. TIME ON THE AIR. Shares time with WARD, WBBC and WLTH. TRANSCRIPTION SERVICE: Lang-Worth.

Personnel

President	Harold J. Burke
Managing Director	.Salvatore D'Angelo
Chief Announcer	Frank Daniels
Musical Director	L. Delson
Chief Engineer	Hermann Florez

POLICIES

Liquor advertising not accepted.

WBEN

BUFFALO—EST, 1930

NATIONAL BROADCASTING CO. (RED) FREQUENCY: 900 Kc. POWER: 5000 watts, d.; 1000 watts, n. OWNED BY: WBEN, Inc. OPERATED BY: WBEN, Inc. and The Buffalo Evening News. BUSINESS ADDRESS: Hotel Statler. PHONE: Cleveland 6400. STUDIO ADDRESS: Hotel Statler. TRANSMITTER LO-CATION: Martinsville. TIME ON THE AIR: 7:00 A.M. to midnight; Saturday, 7:00 A.M. to 1:00 A.M. (Mon., Wed., Thurs. and Sat.). NEWSPAPER AFFILIATION: Buffalo Evening News. NEWS SERVICE: Services of affiliated newspaper. TRANSCRIPTION SERVICE: NBC Thesaurus, Standard Radio.

Personnel

President	.Edward H. Butler
Station Manager	Edgar H. Twamley
Vice-President	A. H. Kirchhofer
Commercial Manager	.Clifford M. Taylor
Chief Announcer	George Torge
Publicity Directors	Rod Reed;
	Joe Haeiiner
Musical Director	Erwin Glucksman
Chief Engineer	Ralph J. Kingsley

POLICIES

No liquor or wines. Will accept beer adv. in programs only—not in announcements. No foreign language accounts accepted.

Will do any type of merchandising at actual cost.

REPRESENTATIVE

Edward Petry & Co., Inc.

WBNY

"THE STATION PEOPLE LIKE AT ALL HOURS"

BUFFALO-EST. 1935

FREQUENCY: 1370 Kc. POWER: 250 Watts, d.: 100 Watts, n. OWNED BY: Roy L. Albertson. OPERATED BY: Roy L. Albertson. BUSINESS ADDRESS: 485 Main St. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: 185 East Engle St. TIME ON THE AIR: 7:00 A.M. to 8:30 A.M., 10:00 A.M. to 2:00 P.M. and 3:00 P.M. to 1:00 A.M.: Sundays, 8:00 A.M. to 12:00 midnight. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: Lang-Worth, Standard Radio.

Personnel

Owner and General
Manager.....Roy L. Albertson
POLICIES

Advertising of alcoholic beverages restricted to type and hour.

WEBR

"BUFFALO'S FRIENDLY STATION"
BUFFALO—EST. 1924

NBC (Blue)

FREQUENCY: 1310 Kc. POWER: 250 Watts, d.; 100 Watts, n. OWNED BY: WEBR, Inc. OPERATED BY: Buffalo Evening News. BUSINESS ADDRESS: Broadcasting House, 23 W.

North St. PHONE: Lincoln 7133. STUDIO ADDRESS: 23 W. North St. TRANSMITTER LOCATION: Larkin Terminal Bldg. TIME ON THE AIR: (daily) 7:00 A.M. to 12:00 midnight; (Sunday) 8:30 A.M. to midnight. NEWSPAPER AFFILIATION: Buffalo Evening News. NEWS SERVICE: News from newspaper affiliate. TRANSCRIPTION SERVICE: Standard Radio, NAB Library, Lang-Worth. MAINTAINS ARTISTS' BUREAU.

Personnel

President	.Edward H. Butler
Vice-President	.A. H. Kirchhofer
Station and Commercial	
Manager	Hervey Carter
Program DirectorC.	Robert Thompson
Continuity Editor	Kenneth Thomas
Chief Announcer	Peter Krug
Publicity Director	Albert Zink
Production Manager	.Hamilton Woodle
Chief Engineer	Lawrence Bailey

POLICIES

Polish and Italian programs carried prior to 12:00 noon. Transcriptions accepted at all hours.

Station does all incidental merchandising work at cost.

REPRESENTATIVE

Edward Petry & Co.

NEWS COMES FIRST

at

WBNY

Buffalo's only independent station is noted for its quick, accurate coverage of all worldwide and local happenings of importance . . . full Transradio Press service provides many outstanding beats . . . all Western New York follows WBNY's newscasts.



Owned and Operated by ROY L. ALBERTSON

485 Main Street

Buffalo, N. Y.

WGR

BUFFALO—EST. 1922 MUTUAL-COLUMBIA BROADCASTING SYSTEM

FREQUENCY: 550 Kc. POWER: 5000 watts, d.: 1000 watts, n. OWNED BY: Buffalo Broadcasting Corp. OPERATED BP: Buffalo Broadcasting Corp. BUSINESS ADDRESS: Rand Bldg. PHONE: Washington 3100. STUDIO ADDRESS: Rand Bldg. TRANSMITTER LOCATION: Tonawonda. TIME ON THE AIR: 7:00 A.M. to 1:00 A.M. NEWSPAPER AFFILIATIONS: Buffalo Times (Scripps-Howard) Buffalo Courier Express. NEWS SERVICE: United Press-Buffalo Times. TRANSCRIPTION SERVICE: World Broadcasting System, Inc. Associated Music.

Personnel

Executive Vice-PresidentI. R. Lounsberry
Advertising ManagerA. F. Busch
Program Director
Sales ManagerLewis H. Avery
Publicity Director
Chief EngineerKarl B. Hoffman

POLICIES

Station maintains a merchandising department, the services of which are available to clients on a cost basis.

REPRESENTATIVE

Free & Peters, Inc.

WKBW

BUFFALO—EST. 1925 MUTUAL—COLUMBIA BROADCASTING SYSTEM

FREQUENCY: 1480 Kc. POWER: 5000 watts. OWNED BY: Buffalo Broadcasting Corp. OPERATED BY: Buffalo Broadcasting Corp. BUSINESS ADDRESS: Rand Building. PHONE: Washington 3100. STUDIO ADDRESS: Rand Bldg. TRANSMITTER LOCATION: Tonawonda. TIME ON THE AIR: 7:00 A.M. to 1:00 A.M. NEWSPAPER AFFILIATIONS: Buffalo Times (Scripps-Howard) Buffalo Courier Express. NEWS SERVICES: United Press and Buffalo Times. TRANSCRIPTION SERVICE: World Broadcasting System, Associated Music.

Personnel

Executive Vice-PresidentI. R. Lounsberry
Program Director
Sales ManagerLewis H. Avery
Publicity Director
Chief Engineer

POLICIES

Station maintains a merchandising department, the services of which are available to clients on a cost basis.

REPRESENTATIVE

Free & Peters, Inc.

WSVS

BUFFALO-EST, 1925

FREQUENCY: 1370 Kc. POWER: 50 Watts. OWNED BY: Board of Education. OPERATED BY: Seneca Vocational High School. BUSINESS ADDRESS: Seneca Vocational High School. PHONE: Filmore 7190. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 8:30 A.M. to 10:00 A.M. and 2:00 P.M. to 3:00 P.M.

Personnel

Principal Elmer	S.	Pierce
Station ManagerLowell	C.	Kitchin
Chief EngineerPaul J.	Do	ddridge

POLICIES

Non-commercial station.

WCAD

"VOICE OF THE NORTH COUNTRY"

CANTON—EST. 1924

FREQUENCY: 1220 Kc. POWER: 500 watts. OWNED BY: St. Lawrence University. OPERATED BY: St. Lawrence University. BUSINESS ADDRESS: Canton. PHONE: 276. STUDIO ADDRESS: Canton. TRANSMITTER LOCA-TION: Campus. TIME ON THE AIR: 12:30 to 1:30—3:00 to 4:00 (daily except Sunday). NEWS SERVICE: Christian Science Monitor.

Personnel

PresidentDr. Laurens H. Seelye
Station Manager
Chief AnnouncerRobt. Frear
Musical DirectorH. Wellington Stewart
Chief Engineer Dr. Ward C. Priest
Radio Workshop DirectorRuth Willard

POLICIES

Non-commercial station.

REPRESENTATIVE

Richard C. Ellsworth

WENY*

ELMIRA-EST, 1939

FREQUENCY: 1200 Kc. POWER: 250 watts.
OWNED BY: Elmira Star-Gazette Inc. OPERATED BY: Same. BUSINESS ADDRESS:
Mark Twain Hotel. STUDIO ADDRESS: Same.
TRANSMITTER LOCATION: Elmira. NEWS
AFFILIATION: Elmira Star-Gazette, Sunday
Telegraph, Elmira Advertiser.

 $^{^{\}star}$ Station licensed to operate under α C. P. and expects to complete construction by June, 1939.

WESG

ELMIRA—EST. (1921 as WEAI) 1932 COLUMBIA BROADCASTING SYSTEM

FREQUENCY: 850 Kc. POWER: 1000 Watts. OWNED BY: Cornell University. OPERATED BY: Elmira Star Gazette, Inc. (Commercially). BUSINESS ADDRESS: Mark Twain Hotel. PHONE: 5959-5181. STUDIO ADDRESS: Mark Twain Hotel. TRANSMITTER LOCATION: Forrest Home, N. Y. TIME ON THE AIR: 7:15 A.M. to sundown (New Orleans). NEWS-PAPER AFFILIATIONS: Elmira Star Gazette, Inc., Elmira Sunday Telegram, Elmira Advertiser (all Gannett). United Press and Associated Press. TRANSCRIPTION SERVICE: World Broadcasting System.

Personnel

Station Manager	.Dale	L. Taylor
Commercial Manager	Dale 1	L. Taylor
Sales Manager	Erne	st Oliver
Program Director	Hal	Wagner
Publicity Director	Glenn	Williams
Musical Director	. Harry	Springer
Chief Engineer	True	McLean

POLICIES

Does not accept wine, liquor or beer advertising. Foreign language accounts acceptable with English translations. No medicinal advertising that deals in bodily functions.

Station will render reasonable merchandising service on minimum 26-time program order; service includes calls on trade, trade letters, assistance to salesman.

REPRESENTATIVE

J. P. McKinney & Sons

WGBB

"LONG ISLAND'S BROADCASTING STATION"

FREEPORT—EST. 1924

FREQUENCY: 1210 Kc. POWER: 100 watts. OWNED BY: H. H. Carman. OPERATED BY: Same. BUSINESS ADDRESS: 44 S. Grove St. PHONE: Freeport 2418. STUDIO ADDRESS: 44 S. Grove St. TRANSMITTER LOCATION: 215 Padell St. TIME ON THE AIR: Shares time with WBRB. WFAS. WGNY. TRANSCRIPTION SERVICE: NBC Thesaurus.

Personnel

Owner and General ManagerH. H. Carman
Chief AnnouncerJ. Dudley
Publicity Director
Chief Engineer

POLICIES

Continuity must be submitted with English translation for station approval on foreign language programs.

W J^{*}T N

"YOUR FRIEND AND NEIGHBOR"

JAMESTOWN—EST. 1936

NATIONAL BROADCASTING CO. (BLUE) FREQUENCY: 1210 Kc. POWER: 250 watts. d.: 100 watts, n. OWNED BY: James Broadcasting Co., Inc. OPERATED BY: James Broadcasting Co., Inc. BUSINESS ADDRESS: 208 Hotel Jamestown. PHONE: 7-151-2. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Jones and Gifford Ave. TIME ON THE AIR: (daily) 7:30 A.M. to 12:00 midnight; (Sunday) 8:00 A.M. to midnight. NEWS SERVICE: United Press. MAINTAINS ARTISTS' BUREAU. TRANSCRIPTION SERVICE: Associated.

Personnel

President
Station ManagerBosil F. Blizzard
Manager
Sales ManagerSimon Goldman
National Sales ManagerPhil Hoffman
Program Director
Chief Engineer

POLICIES

Beer and light wine advertising accepted. No hard liquor advertising accepted.

No restrictions on foreign language accounts.

Competent staff is available to completely merchandise any type of commercial program on request.

REPRESENTATIVE

Paul H. Raymer Company

WGNY

"THE ONLY STATION BETWEEN NEW YORK AND ALBANY"

NEWBURGH—EST. 1933

FREQUENCY: 1210 Kc. POWER: 100 Watts. (C.P.: 1220 Kc., 250 Watts, d.) OWNED BY: Peter Goelet. OPERATED BY: Same. BUSINESS ADDRESS: 161 Broadway. PHONE: Newburgh 4600. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Cochecton Turnpike. TIME ON THE AIR: Part time schedule. NEWS SERVICE: Local news. TRANSCRIPTION SERVICE: Standard Radio.

Personnel

DirectorPeter Go	oelet
Commercial Manager	llen
Chief EngineerIrwin Mo	ison

POLICIES

Foreign language commercials accepted, subject to approval of station management. All copy subject to station approval.

Merchandising: Will co-operate with advertiser in setting up any advertising campaign, using any medium in conjunction with radio.

WABC

"THE KEY STATION OF THE COLUMBIA BROADCASTING SYSTEM"

NEW YORK CITY-EST. 1928

COLUMBIA BROADCASTING SYSTEM FREQUENCY: 860 Kc. POWER: 50,000 Watts. OWNED BY: Columbia Broadcasting System. OPERATED BY: Same. BUSINESS ADDRESS: 485 Madison Ave. STUDIO AD.

DRESS: 485 Madison Ave. and 799 Seventh Ave. TRANSMITTER LOCATION: Wayne Township, N. J. TIME ON THE AIR: 6:30 A.M. to 1:00 A.M.; Saturday, 6:30 to 2:00 A.M.; Sunday, 8:00 A.M. to 1:00 A.M. NEWS SERV-ICE: United Press. TRANSCRIPTION SERV-ICE: Associated (Transcriptions to 9:00 A.M. only).

Personnel

Sales Manager....... Arthur Hull Hayes
Sales Promotion Manager... Edwin Reynolds
Program Director....... George Allen
Sales Representative...... Marlo L. Bloom
Sales Representative..... Robert C. Mayo
Sales Representative.... Beverly M. Middleton

(For additional personnel see listing of Columbia Broadcasting System, Inc., under networks.)

POLICIES

For policies see listing of Columbia Broadcasting System, Inc., under networks.

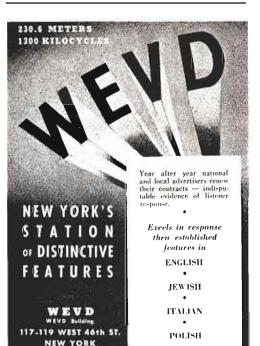
REPRESENTATIVE

Radio Sales

WBIL

NEW YORK-EST. 1937

FREQUENCY: 1100 Kc. POWER: 5000 watts. OWNED BY: Arde Bulova. OPERATED BY: International Broadcasting Corp. BUSINESS ADDRESS: 132 West 43rd St. PHONE: BRyant



9-6080. STUDIO ADDRESS: 132 W. 43rd St. TRANSMITTER LOCATION: Kearny, N. J. TIME ON THE AIR: 6:00-8:00 P.M.: (Sunday) 8:00-9:15 P.M. NEWS SERVICE: International News Service. TRANSCRIPTION SERVICE: Lang-Worth. MAINTAINS ARTISTS' BUREAU.

Personnel

General Manager	H. Kiczales
Program Director	John C. Schramm
Sales Manager	Ralph Nardella
Artists' Bureau Director	Syd Leipzig
Publicity Director	Adrian J. Flanter
Musical Director	Julio Occhiboi
Chief Engineer	Robert E. Study

POLICIES

No hard liquor accounts. Foreign language programs restricted to Italian.

Merchandising: Merchandising and Promotion Department develops dealer cooperation through the supply of up-to-date retail grocery, food, and drug store outlets. Station also maintains a Publicity Department that makes every effort to secure publicity in trade magazines in the interest of advertisers and their retail outlets.

WBNX

"THE STATION THAT SPEAKS YOUR LANGUAGE"

NEW YORK—EST. 1927

FREQUENCY: 1350 Kc. POWER: 1000 Watts. OWNED BY: WBNX Broadcasting Co., Inc. OPERATED BY: WBNX Broadcasting Co., Inc. BUSINESS ADDRESS: 260 E. 161 St. PHONE: Melrose 5-0333-4-5-6-7. STUDIO ADDRESS: 260 E. 161st St. TRANSMITTER LOCATION: Cliffside Park, N. J. TIME ON THE AIR: 9:00 A.M. to 6:00 P.M. and 7:30 P.M. to 12:00 midnight; Sunday, 9:00 A.M. to 11:00 A.M., 12:30 P.M. to 3:00 P.M., 4:30 P.M. to 7:00 P.M. and 8:30 P.M. to 12:00 Midnight. NEWS SERVICE: Press Radio Bureau. TRANSCRIPTION SERVICE: Standard Radio.

Personnel

President
Vice-President-General Manager W. C. Alcorn
Secretary & Commercial Manager. W. I. Moore
Production ManagerEdw. Ervin
Program DirectorFrank Johnson
Musical DirectorArno Arriga
Consult. Engineer

POLICIES

Station specializes in foreign language programs

Merchandising: Distribution of exclusive brochures and circulars containing comprehensive statistics concerning foreign populations the station serves. Figures showing population of each nationality, buying power of such populations, radio sets, mail response to established, current programs, etc.

WEAF NEW YORK—EST. 1922

KEY STATION NBC (RED)

FREQUENCY: 660 Kc. POWER: 50,000 Watts. OWNED BY: National Broadcasting Co., Inc. OPERATED BY: Same. BUSINESS ADDRESS: 30 Rockefeller Plaza. PHONE: CIrcle 7-8300. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Bellmore, Long Island. TIME ON THE AIR: (daily) 6:30 A.M. to 1:00 A.M. (Sunday) 8:00 A.M. to 1:00 A.M. NEWS SERVICE: Press Radio.

PERSONNEL and POLICIES
Will Be Found Under NETWORKS

WEVD

NEW YORK—EST. 1927

FREQUENCY: 1300 Kc. POWER: 1000 Watts. OWNED BY: Debs Memorial Radio Fund. OPERATED BY: Same. BUSINESS ADDRESS: 117 W. 46th St. PHONE: Bryant 9-2360. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: 1335 Grand St., Bklyn. TIME ON THE AIR: 7:00 A.M. to 10:00 A.M., 12:00 noon to 6:00 P.M. and 8:00 P.M. to 4:00 A.M.; No schedule Monday night.

Personnel

Chairman of Board
Managing Director
Chief Announcer
Program DirectorGeorge Field
Musical DirectorNicholas Saslavsky
Chief Engineer

POLICIES

No stated special commercial program policies.

Renders merchandising service in foreign language field. Have trade contacts to promote distribution.

WĖN

"DIAL 1010"

NEW YORK—EST. 1922

Special NBC Hookup

FREQUENCY: 1010 Kc. POWER: 5000 watts, d.; 1000 watts, n. OWNED BY: Marcus Loew Booking Agency: OPERATED BY: Marcus Loew Booking Agency. BUSINESS ADDRESS: 1540 Broadway. PHONE: BRyant 9-7800. STUDIO ADDRESS: 1540 Broadway. TRANSMITTER LOCATION: Astoria, L. I. TIME ON THE AIR: 7:00 A.M. to 4:00 A.M. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: Associated Music Publishers. MAINTAINS ARTISTS BUREAU.

Personnel

President	Nicholas Schenck
Managing Director	L. K. Sidney
Associate Director	Herbert L. Pettey
Vice-President in Charge	e of
Sαles	Bert Lebhar, Jr.
Artists Bureau Head	Leo Cohen
Station Manager	Frank Roehrenbeck

Program Director	Fred Raphael
Production Manager	. Maurice Barrett
ComptrollerJacqu	ies Van Straten
Chief Announcer	.Russell Clancy
Publicity Director	Al Simon
Musical Director	Don Albert
Chief Engineer	G. R. Windham
POLICIES	

Does not carry foreign language programs. REPRESENTATIVE

Edward Petry & Co.

W H O M

(See Jersey City, N. J.)

WINS

"W-I-N-S, WINS, NEW YORK"
NEW YORK—EST. 1924

COLONIAL—YANKEE
FREQUENCY: 1180 Kc. POWER: 1000 Watts.
OWNED BY: Hearst Radio, Inc. OPERATED
BY: Same. BUSINESS ADDRESS: 110 East
58th St. PHONE: EL-5-6100. STUDIO ADDRESS: Same. TRANSMITTER LOCATION:
Carlstadt, N. J. TIME ON THE AIR: 6:30 A.M.
to 2 hours after local sunset, E.S.T. NEWSPAPER AFFILIATIONS: New York Journal
American, New York Daily Mirror. NEWS
SERVICE: International News Service. TRANSCRIPTION SERVICE: Associated and Langlois & Wentworth.

THE

LITTLE STATION

with the

BIG AUDIENCES!

2,000,000 Jews 1,250,000 Italians 650,000 Germans 450,000 Poles

ALL WANTING TO

Listen to Their Mother-Tongue Programs on

WHOM

COVERS THE NEW YORK METROPOLITAN AREA

Let's Show You *How* to Increase Your Sales!

CROSSLEY, INC. REPORTS

WNEW first as local station!
WABC first as chain station!

—From Variety, June 22, 1938

NEW YORK ON THE AIR 24 HRS. A DAY

Serving New York City and its environs ... the entire Metropolitan Trading Area

1250 KILOCYCLES

2500 WATTS BY DAY-1000 WATTS BY NIGHT STUDIOS—501 MADISON AVE., NEW YORK CITY

Personnel

Station ManagerCarl Calman
Program Director
Publicity and Continuity
Director Albert A. Grobe
Musical DirectorLouis Katzman
Production Manager and
Chief EngineerRobert Cotton
Chief EngineerGeorge Herrick

POLICIES

Does not carry liquor or foreign language accounts. Programs close one week in advance of broadcast. Talks, programs, continuities, must be submitted at least one week in advance for review by Program Dept.

REPRESENTATIVE

International Radio Sales

NEW YORK-EST, 1921

KEY STATION NBC (BLUE)

FREQUENCY: 760 Kc. POWER: 50,000 Watts. OWNED BY: National Broadcasting Co., Inc. OPERATED BY: Same. BUSINESS ADDRESS: 30 Rockefeller Plaza, N. Y. PHONE: Circle 7-8300. STUDIO ADDRESS: TRANSMITTER LOCATION: Bound Brook, N. J. TIME ON THE AIR: (daily) 6:30 A.M. to 1:00 A.M. (Sunday) 8:00 A.M. to 1.00 A.M. NEWS SERVICE: Press Radio News, United Press.

Personnel

and POLICIES

Will Be Found Under NETWORKS

WMCA

"NEW YORK CITY, AT THE TOP OF THE DIAL"

NEW YORK—EST. 1925

INTER-CITY BROADCASTING SYSTEM

FREQUENCY: 570 Kc. POWER: 1000 Watts. OWNED BY: Knickerbocker Broadcasting Co. OPERATED BY: Knickerbocker Broadcasting Co. BUSINESS ADDRESS: 1657 Broadway. PHONE: Circle 6-2200. STUDIO ADDRESS: 1657 Broadway. TRANSMITTER LOCATION: College Point, L. I. TIME ON THE AIR: 7:00 A.M. to 1:15 A.M. NEWS SERVICES: International News Service. MAINTAINS ARTISTS' BUREAU. TRANSCRIPTION SERVICE: Standard Radio.

Personnel

President and Station Manager. Donald Flamm V.-P. in Charge of Sales and General

ManagerD	on S. Shaw
Vice President-CounselWilliam	Weisman
Sales Promotion Manager	Al Rose
Artists' Bureau HeadChe	as. Wilshin
Publicity DirectorLeor	Goldstein
Musical Director	Lee Grant
Chief EngineerF	rank Marx

POLICIES

Will accept liquor advertising. Foreign language broadcasts not accepted. All advertising subject to station approval and to Federal, State or Municipal decisions, laws and requlations

REPRESENTATIVE

Chicago Branch Office J. M. Ward and G. B. McDermott

"SERVING NEW YORK AND NEW JERSEY 24 HOURS A DAY"

NEW YORK—EST. 1934

FREQUENCY: 1250 Kc. POWER: 2500 Watts. d.; 1000 Watts, n. OWNED BY: Wodgam OPERATED BY: WBO Broadcasting BUSINESS ADDRESS: 501 Madison PHONE: Plaza 3-3300. STUDIO AD-Corp. Āve. DRESS: Same. TRANSMITTER LOCATION: Carlstadt, N. J. TIME ON THE AIR: 24 hours a day, except Sunday and Monday. (Sunday) 10:00 A.M. to 12:30 P.M. and 6:30 to 9:00 P.M.; (Monday) 7:00 A.M. to 2:00 P.M. and 5:00 P.M. to 8:00 P.M. and 10:00 P.M. to Sunday morning at 7:00 A.M. NEWS SERVICE: Press Radio Bureau, International News Service. MAINTAINS ARTISTS' BUREAU. SCRIPTION SERVICE: Associated.

Personnel

Station Manager	Bernice Judis
Sales Manager	Herman Bess
National Sales Manager	Walter Duncan
Artist Bureau Head	Bernice Judis
Sales Promotion Manager	Marvin Rae
Chief Announcer	John Jæger
Chief Engineer	M. J. Weiner
Musical Director	Merle Pitt
Acting Publicity Director	Judy Depuy

POLICIES

No foreign language programs. No special restrictions except those of good taste and the FCC.

REPRESENTATIVE

Wm. G. Rambeau Company

"NEW YORK CITY'S OWN STATION"

NEW YORK—EST. 1924

FREQUENCY: 810 Kc. POWER: 1000 watts. OWNED BY: City of New York. OPERATED BY: Municipal Broadcasting System. BUSI-NESS ADDRESS: Municipal Bldg. PHONE: WOrth 2-5600. STUDIO ADDRESS: Municipal Bldg. TRANSMITTER LOCATION: Greenpoint, Bklyn. TIME ON THE AIR: 7:00 A.M. to sunset (Minn., Minn.). NEWS SERVICE: International News Service.

Personnel

Director	M.	S.	Novick
Chief Announcer	. T.	H.	Cowan
Program Director Sevn	nou	r N	. Siegel

 Publicity
 Director
 Richard
 Pack

 Musical
 Director
 Herman
 Neuman

 Chief
 Engineer
 Isaac
 Brimberg

POLICIES

Non-commercial station.

WOR

(See Newark, N. J.)

wov

"THE VOICE OF THE FRIENDLY FAMILY"

NEW YORK-EST. 1926

FREQUENCY: 1130 Kc. POWER: 1000 watts. OWNED BY: International Broad. Corp. OPERATED BY: International Broadcasting Corp. BUSINESS ADDRESS: 132 W. 43rd St. PHONE: BRyant 9-6080. STUDIO ADDRESS: 132 W. 43rd St. TRANSMITTER LOCATION: Secaucus, N. J. TIME ON THE AIR: (daily) 8:00 A.M. to 6:00 P.M. NEWS SERVICE: International News Service. TRANSCRIPTION SERVICE: Lang-Worth.

Personnel

General Manager	H. Kiczales
Program Director	John C. Schramm
Sales Manager	Ralph Nardella
Artist Bureau Director	Syd Leipzig
Promotion Director	. Adrian J. Flanter
Musical Director	Julio Occhiboi
Chief Engineer	Robert E. Study



N.B.C. Blue

M

F

Plattsburg N. Y. F

Serving the richest market in the great North Country.

Our many* home folks are responsive, ready, willing and able to buy!

AND PLEASE DON'T OVERLOOK

Our friends . . . the countless thousands . . . from all over the world . . . who, **Winter** and **Summer** . . . come to enjoy the infinite pleasures of our vast Adirondack Playground. They're excellent customers, too!

May we show you how we cover this rich morket so completely? And tell you how we cooperate with merchandising service?

We'd be glad to!

*199,178 Listeners.

Nat'l Rep., George P. Hollingbery

POLICIES

No hard liquors accounts. Foreign lanquage programs restricted to Italian.

Merchandising and Promotion Departments develop dealer cooperation through the supply of up-to-date lists of retail grocery, food, and drug store outlets. Also is maintained a publicity department that makes every effort to secure publicity in trade magazines in the interest of advertisers and their outlets.

WQXR

"NEW YORK'S HIGH-FIDELITY STATION"

NEW YORK-EST. 1934

FREQUENCY: 1550 Kc. POWER: 1000 watts. OWNED BY: Interstate Broadcasting Co., Inc. OPERATED BY: Interstate Broadcasting Co., Inc. BUSINESS ADDRESS: 730 5th Ave. PHONE: COlumbus 5-6366. STUDIO ADDRESS: 730 Fifth Ave. TRANSMITTER LOCATION: 3104 Northern Blvd., Long Island City. TIME ON THE AIR: Full Time. LICENSE (81 hours weekly). NEWS SERVICE: Press Radio Bureau. TRANSCRIPTION SERVICE: World Broadcasting System.

Personnel

President	John V. L. Hogan
Station Manager	Elliott M. Sanger
Sales Manager	Norman S. McGee
Publicity Director	.Dorothea Beckman
Musical Director	Eddy Brown
Chief Engineer	Russell Valentine

POLICIES

No foreign language programs.

All commercial announcements must be brief and restricted to good taste.

Merchandising: Facilities available to sponsors through novelty printed program booklet, mailed to subscribers.

REPRESENTATIVE

Joseph Hershey McGillura

WHDL

"SERVING THE HIGH GRADE OIL METROPOLIS OF THE WORLD"

OLEAN—EST. Tupper Lake, 1928; Olean, 1934

QUAKER STATE

FREQUENCY: 1400 Kc. POWER: 250 watts. OWNED BY: WHDL, Inc. OPERATED BY: WHDL, Inc. OPERATED BY: WHDL, Inc. BUSINESS ADDRESS: Main Office—601-619 Exchange National Bank Bldg., Branch office—Citizens Nat'l Bank Bldg., Bradford, Pa. PHONE: Bradford 6000: Olean 3300, 4666 and 7122. STUDIO ADDRESS: Exchange National Bank Bldg.; Citizens Nat'l Bank Bldg. Bradford; St. Bonaventure College, Allegany, N. Y.; Alfred University, Alfred. TRANSMITTER LOCATION: Allegany. TIME ON THE AIR: Full daytime (EST). NEWSPAPER AFFILLATION: Olean Times-Herald. NEWS SERVICE: United Press. MAINTAINS ARTISTS BUREAU.

TRANSCRIPTION SERVICE: World Broadcasting System, Associated, NBC Thesaurus.

Personnel

President	E. B. Fitzpatrick
Station Manager	Thomas L. Brown
Advertising Manager	.Everett Thompson
Artists Bureau Head	Albert De Luca
Chief AnnouncerFree	derick G. Meyer, Jr.
Sales Manager (Bradford,	Pa.)
	Joseph McCleary

POLICIES

Accepts no liquor, wine or beer advertising; accepts no laxative accounts; no contingent accounts; foreign language programs only on special occasions and at certain hours.

A merchandising and promotion department maintained.

REPRESENTATIVE

J. P. McKinney & Son

WMFF

"THE NORTH COUNTRY'S OWN STATION"

PLATTSBURG-EST. 1935

NBC--BLUE

FREQUENCY: 1310 Kc. POWER: 250 Watts, d.; 100 watts, n. OWNED BY: Plattsburg Broadcasting Corp. OPERATED BY: Platts-

burg Broadcasting Corp. BUSINESS ADDRESS: Hotel Cumberland. PHONE: 802-3. STUDIO ADDRESS: Hotel Cumberland. TRANSMITTER LOCATION: Boynton Ave. TIME ON THE AIR: 7:45 A.M. to 12:00 Midnight; Sunday. 9:00 A.M. to 9:00 P.M. NEWS SERVICE: United Press. MAINTAINS ARTISTS BUREAU.

Personnel

President E. H. Bragg Vice-President L. E. Bragg Secretary-Treasurer George F. Bissell Assistant Secretary B. W. Bissell Station Manager George F. Bissell
Commercial ManagerFrank Owens
Artists Bureau HeadRay Cameron
Chief AnnouncerLyle Bosley
Sales Manager
Publicity DirectorLyle Bosley
Musical DirectorKenneth Bell
Chief EngineerJack Nazak

POLICIES

No special restrictive policies.

No merchandising service. Except that gratis service will be given to pre-announcements or brief previews of programs and telephone calls to dealers and/or distributors within local exchange limits.

REPRESENTATIVE

George P. Hollingbery Co.

DON'T TAKE A CHANCE

Buy Air Time on a Proven Station

In Rochester, It's WHAM

Only 50.000 watt station between Schenectady and Cleveland.

Look

At

The

Six of the nation's First Ten Programs* are WHAM programs. With America's top flight radio entertainment—NBC Red and Blue—50,000 watts and a clear channel, WHAM can justifiably boast of its listener appeal.

Proof

*Radio Daily's Second Annual Popularity Poll

WHAM

"THERE'S NOTHING FINER THAN A "STROMBERG-CARLSON"

ROCHESTER—EST. 1927 NATIONAL BROADCASTING CO. (RED AND BLUE)

FREQUENCY: 1150 Kc. POWER: 50,000 watts. OWNED BY: Stromberg-Carlson. OPERATED BY: Stromberg-Carlson. BUSINESS ADDRESS: 111 East Ave. PHONE: Stone 1862-3-4. STUDIO ADDRESS: 111 East Ave. TRANSMITTER LOCATION: Victor. TIME ON THE AIR: 6:30 A.M. to 1:00 A.M. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: World Broadcasting System.

Personnel

President
Station Manager
Commercial ManagerJ. W. Kennedy, Jr.
Chief AnnouncerJack Lee
Publicity DirectorArthur Kelly
Musical Director
Chief EngineerJohn J. Long, Jr.

POLICIES

No liquor. No foreign language.

Merchandising through general assistance
in calling on trade—circulating letters, etc.

REPRESENTATIVE

George P. Hollingbery Co.

(See page 319)

WHEC

"YOUR FRIENDLY STATION" ROCHESTER—EST. 1922

COLUMBIA BROADCASTING SYSTEM FREQUENCY: 1430 Kc. POWER: 1000 Watts, d.; 500 Watts, n. OWNED BY: WHEC, Inc. OPERATED BY: Same. BUSINESS ADDRESS: 40 Franklin St. PHONE: Stone 1320-1-2. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Mt. Read Blvd., Cold Water, N. Y. TIME ON THE AIR: 7:00 A.M. to 12:30 A.M. NEWSPAPER AFFILIATION: Gannett Newspapers, Inc. NEWS SERVICE: International News Service. TRANSCRIPTION SERVICE: Associated Music Publishers.

Personnel

Vice-President	. Clarence	Wheeler	
General Manager	Gunnar	O. Wiig	
Commercial Manager	L. C.	Wheeler	
Assistant Secretary	Mary F	. Carroll	
Traffic Manager	. Elizabeth	Gledhill	
Chief Engineer	. Maurice I	I. Clarke	

POLICIES

No wine, beer or liquor. Foreign languages accepted up to certain percentage point of entire structure.

Merchandising: Direct mail, dealer contacts, counter displays. Maintains one full column in Democrat & Chronicle (morning) and Times Union (evening) newspapers.

REPRESENTATIVE

Paul H. Raymer Company

in syracuse FBL

PROVES Its Building Power,

ADVERTISERS SAY

The only test of radio advertising is in sales. Here's what a few WFBL advertisers say:

"Eight years of advertising on WFBL has convinced us of its value. More Syracuse men are wearing our hats than ever before."

—Fred's Hat Shop.

"Since we started using WFBL our sales have continually increased. Our Syracuse advertising will be WFBL exclusively again this coming year."

-Sales Manager of Rem.

"The effects of our WFBL advertising have been remarkable."
--Rusterholtz and Rossell, Inc., Syrucuse Chrysler dealers.

This is proof that WFBL advertising pulls—and pays! Syracuse is a rich city, located in the heart of a rich agricultural district. It's an ideal testing point for a new product or a new merchandising plan. And WFBL is the most economical way to cover this market. For rates, time available, write.

ONONDAGA RADIO BROADCASTING CORP.

Syracuse, New York

MEMBER BASIC NETWORK COLUMBIA BROADCASTING SYSTEM

National Representatives, Free & Peters, Inc.

NEW YORK

CHICAGO

DETROIT

SAN FRANCISCO

LOS ANGELES

WSAY

"ROCHESTER'S FRIENDLY STATION"

ROCHESTER-EST. 1936

FREQUENCY: 1210 Kc. POWER: 250 Watts, d.: 100 Watts, n. OWNED BY: Brown Radio Service & Laboratory. OPERATED BY: Same. BUSINESS ADDRESS: 300 Taylor Bldg. PHONE: Stone 702-3. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 7:00 A.M. to 12:30 A.M. NEWS SERVICE: Local news.

Personnel

Owner & General ManagerGordon	P. Brown
Commercial ManagerM.	Nusbaum
Chief AnnouncerEd	Wegman
Program DirectorBob	Webster
Musical Director	Dick Hull
Chief Engineer	P. Brown

POLICIES

Liquor not accepted. Foreign language programs limited to 3 minutes of copy in any 15 minute unit. Complete control and supervision retained by the station.

Merchandising service supplied to accounts at our cost.

WNBZ

"VOICE OF THE ADIRONDACKS"

SARANAC LAKE-EST. 1937

(CHAMPLAIN VALLEY NET)

FREQUENCY: 1290 Kc. POWER: 100 Watts. OWNED BY: Smith and Mace. OPERATED BY: Smith and Mace. BUSINESS ADDRESS: 70 Broadway. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 6:00 A.M. to local sunset. NEWS SERVICE: Christian Science Monitor. MAINTAINS ARTISTS' BUREAU. TRANSCRIPTION SERVICE: NBC Thesaurus.

Personnel

General	ManagerRay	English
Program	DirectorEd	Burgeni
Chief E	ngineerJohn	Dowdell

POLICIES

Station assists the advertiser in any merchandising campaign conducted through local stores, etc.

REPRESENTATIVE

George P. Hollingbery Co.

WGY

"MOST INVITED GUEST IN THE GREAT NORTHEAST"

SCHENECTADY—EST. 1922 NATIONAL BROADCASTING CO.

(BASIC RED)

FREQUENCY: 790 Kc. POWER: 50,000 Watts. OWNED BY: General Electric Co.

OPERATED BY: Same. BUSINESS ADDRESS: I River Road. PHONE: 3-2121. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: South Schenectady. TIME ON THE AIR: 6:45 A.M. to 1:00 A.M. (daily). 9:00 A.M. to 1:00 A.M. (Sunday). NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: NBC Thesaurus. MAINTAINS ARTISTS' BUREAU.

Personnel

PresidentGerard Swope
Station ManagerKolin Hager
Program ManagerA. O. Coggeshall
Sales Promotion DirectorA. MacDonald
Artists Bureau HeadKolin Hager
Chief AnnouncerChester Vedder
Publicity Director
Musical DirectorGordon Randall
Chief Engineer

POLICIES

Policies of the National Broadcasting Co. apply.

REPRESENTATIVE

National Broadcasting Co., Inc.

WFBL

SYRACUSE—EST. 1922

COLUMBIA BROADCASTING SYSTEM FREQUENCY: 1360 Kc. POWER: 5000 Watts, d.; 1000 Watts, n. OWNED BY: Onondaga Radio Broadcasting Corp. OPERATED BY: Onondaga Radio Broadcasting Corp. BUSINESS ADDRESS: Onondaga Hotel. PHONE: 2-1147. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Syracuse. TIME ON THE AIR: Full time license. NEWS SERVICE: International News. TRANSCRIPTION SERVICE: World Broadcasting System.

Personnel

General ManagerS.	Woodworth
Vice-PresidentRob	ert G. Soule
ManagerCharles	F. Phillips

POLICIES

Merchandising service includes dealer contacts by mail and messenger; cooperation in the preparation of display material for local use and the distribution of such material.

REPRESENTATIVE

Free & Peters, Inc.

WSYU*

SYRACUSE

NBC (BLUE)

FREQUENCY: 570 Kc. POWER: 1000 Watts. OWNED BY: Central New York Broadcasting Corp. OPERATED BY: Same. BUSINESS ADDRESS: Syracuse. STUDIO ADDRESS: Same.

TRANSMITTER LOCATION: Same. TIME ON THE AIR: Operates on WSYR Time.

POLICIES

Station does not sell time.

 Operated by WSYR for exclusive use of Syracuse University.

WSYR

"THE VOICE OF CENTRAL NEW YORK"

SYRACUSE—EST. 1923

NATIONAL BROADCASTING CO.
MUTUAL

FREQUENCY: 570 Kc. POWER: 1000 watts. OWNED BY: Central New York Broadcasting Corp. OPERATED BY: Same. BUSINESS ADDRESS: 224 Harrison St. PHONE: 3-7111—0150. STUDIO ADDRESS: 224 Harrison St. TRANSMITTER LOCATION: Valley Drive. TIME ON THE AIR: (Daily) 6:00 A.M. to 1:00 A.M.: (Sunday) 8:00 A.M. to 1:00 midnight. NEWS SERVICE: United Press. MAINTAINS ARTISTS BUREAU. TRANSCRIPTION SERVICE: Associated, C. P. MacGregor.

Personnel

President	Harry	C.	Wilder
Vice-President	\dots Fred	R.	Ripley

National Sales Manager	Phil Hoffman
Artists' Bureau Head	Fred Jeske
Chief Announcer	Bill Rothrom
Publicity Director	. Arnold Schoen
Merchandising Manager	Nick Stemmler
Musical Director	Victor Miller
Chief Engineer	mand Belle Isle

POLICIES

No liquor advertising—present only programs advertising beer and wine.

Merchandising department cooperating with all national and local advertisers to exploit programs. Service includes letters to distributors, pre-announcements, newspaper advertising, etc.

REPRESENTATIVE

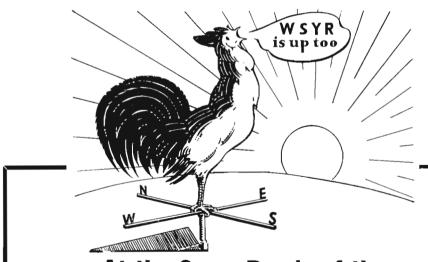
Paul H. Raymer Company

WHAZ

"LOCATED AT THE OLDEST SCHOOL OF ENGINEERING AND SCIENCE IN AMERICA"

TROY-EST. 1922

FREQUENCY: 1300 Kc. POWER: 1000 watts. OWNED BY: Rensselaer Polytechnic Institute. OPERATED BY: Rensselaer Polytechnic Insti-



At the Cross Roads of the Empire State

WSYR gets results in 400 cities and towns in one of the richest farming and industrial regions of the East.

570 kc.

WSYR

Syracuse, N. Y.

tute. BUSINESS ADDRESS: Troy. PHONE: Troy 6810. STUDIO ADDRESS: Troy. TRANS-MITTER LOCATION: Troy. TIME ON THE AIR: 6:00 P.M. to midnight (Monday only).

Personnel

President
Commercial ManagerMiss M. Bounds
Chief AnnouncerR. W. Schmelzer
Station Manager
Sales Manager
Publicity DirectorA. Olin Niles
Musical Director A. Olin Niles
Chief Engineer H. D. Harris

POLICIES

Does not accept liquor or foreign language accounts.

WTRY*

TROY-EST. 1939

FREQUENCY: 950 Kc. POWER: 1000 Watts. OWNED BY: Troy Broadcasting Co. OPERATED BY: Same. BUSINESS ADDRESS: Troy. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: Daytime License.

Personnel

Manager.	Fred	R,	Ripley
Program 1	Director	Αl	Parker

*Station was licensed to operate under a C. P. No further information available.

WIBX

UTICA-EST, 1927

COLUMBIA BROADCASTING SYSTEM

FREQUENCY: 1200 Kc. POWER: 250 Watts, d.: 100 Watts, n. OWNED BY: WIBX, Inc. CPERATED BY: Same. BUSINESS ADDRESS: First National Bank Bidg. PHONE: 2-2101. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Schuyler St. TIME ON THE AIR: (daily) 6:30 A.M. to 1:00 A.M.; (Sunday) 8:00 A.M. to 1:00 A.M. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: Standard Radio, C. P. MacGregor.

Personnel

PresidentScott H. Bowen
Commercial ManagerA. W. Triggs
Program Director
Publicity Director
Musical DirectorWalter Griswold
Chief Engineer

POLICIES

Liquor and foreign language accounts accepted subject to station approval.

Merchandising: Via letters to trade, dealer contacts, window displays, theater lobby dis-

plays, personal contacts with retailers and wholesalers, also letters to listeners.

REPRESENTATIVE

John Blair & Co.

WFAS

"NEW YORK'S HEARTHSIDE"

WHITE PLAINS-EST, 1932

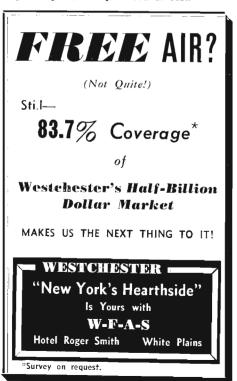
FREQUENCY: 1210 Kc. POWER: 100 Watts. OWNED BY: Westchester Broadcasting Corp. OPERATED BY: Same. BUSINESS ADDRESS: Roger Smith Hotel. PHONE: White Plains 8353. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: Part Time Schedule. MAINTAINS ARTISTS' BUREAU. NEWS SERVICE: Christian Science Monitor. TRANSCRIPTION SERVICE: Lang-Worth.

Personnel

President-Managing Director ... Frank A. Seitz Treasurer-Artists' Bureau Head ... Selma Seitz Chief Announcer-Publicity Dir. Frank A. Seitz Chief of Sports and Special Events ... John Dillon Musical Director Randall Kaler Chief Engineer Harry C. Laubenstein

POLICIES

Advertising of alcoholic beverages accepted. Merchandising: Classified surveys and business lists furnished at cost. Circular or mail tie-ins for sponsors and programs prepared upon request, and produced at cost.



WWRL

"THE VOICE OF QUEENS COUNTY"

WOODSIDE—EST. 1926

FREQUENCY: 1500 Kc. POWER: 250 watts, d.; 100 watts, n. OWNED BY: L. I. Broadcasting Corp. OPERATED BY: L. I. Broadcasting Corp. BUSINESS ADDRESS: 41-30 58th St. PHONE: NEwlown 9-3300-1. STUDIO ADDRESS: 41-30 58th St. TRANSMITTER LOCATION: Woodside. TIME ON THE AIR: Part time schedule. TRANSCRIPTION SERVICE: Lang-Worth, NAB Library, World Broadcasting System.

Personnel

President as	ıd (Gen	era	1				
Manager					 	 W.	H.	Reuman

Commercial	Manager	Frank	R.	Clarke
Advertising	Manager	. Walter	H.	Maier
Chief Anno	uncer		. Lo	ı Cole
Publicity Dir	rector	1	Edit	h Dick
Musical Dire	ector	Ed	w.	Feimer

POLICIES

Station will not accept any liquor accounts. Will accept foreign language accounts including German, Polish, Hungarian, Czechoslovakian, Italian. Translation must be furnished in advance for station approval. Recognized patent medicines accepted if copy conforms to station standards; all copy subject to approval of management.

Merchandising: Cooperate in any service requested, free of charge.

NORTH CAROLINA

Population 3,492,000

Number of Families 736,000

Retail Sales \$463,219,000

Number of Radio Homes 408,600

Auto Registrations 446,807

W W N C

ASHEVILLE—EST. 1927

FREQUENCY: 570 Kc. POWER: 1000 Watts. OVNED BY: Asheville Citizen-Times Co., Inc. OPERATED BY: Asheville Citizen-Times Co., Inc. OPERATED BY: Asheville Citizen-Times Co., Inc. BUSINESS ADDRESS: 14 O'Henry Ave. (Citizens Times Bldg.). PHONE: 850. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Asheville. TIME ON THE AIR: 6:45 A.M. to 12:00 midnight: Wednesday to 1:00 A.M. NEWSPAPER AFFILIATION: Asheville Citizen-Times. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: United Press.

Personnel

Executive Director
Commercial ManagerJohn E. Thayer
Program DirectorEzra A. McIntosh
Chief EngineerCecil Hoskins

POLICIES

No liquor or wine advertising. Beer accounts sold on national rates. All religious programs cleared through local Ministerial Association.

No direct merchandising or brokerage of time.

REPRESENTATIVE

The Branham Co.

WBT

"THE SHOWMANSHIP STATION OF THE NATION"

CHARLOTTE—EST. 1921

COLUMBIA BROADCASTING SYSTEM

FREQUENCY: 1080 Kc. POWER: 50,000 Watts. OWNED BY: Columbia Broadcasting System, Inc. OPERATED BY: Columbia Broadcasting System, Inc. BUSINESS ADDRESS: Wilder Bldg. PHONE: 3-7107. STUDIO ADDRESS: Wilder Bldg. TRANSMITTER LOCATION: 10 miles south of Charlotte. TIME ON THE AIR: 6:30 A.M. to 2:00 A.M. (daily): 10:00 A.M. to 2:00 A.M. (daily): NEWS SERVICE: United Press.

Personnel

PresidentWm. S. Paley
Station ManagerLincoln Dellar
Sales ManagerRoyal E. Penny
Artists' Bureau
Program Director
Publicity DirectorWilliam C. Mitcham
Musical DirectorJohn McAllister
Chief Engineer

POLICIES

All policies of CBS, Inc., apply.

REPRESENTATIVE

Radio Sales

WSOC

CHARLOTTE-EST, 1933

NATIONAL BROADCASTING CO. (Red and Blue)

FREQUENCY: 1210 Kc. POWER: 250 Watts, d.: 100 Watts, n. OWNED BY: Radio Station WSOC, Inc. OPERATED BY: Radio Station WSOC, Inc. BUSINESS ADDRESS: Mecklenburg Hotel. PHONE: 7139, 7130, 6655. STUDIO ADDRESS: Mecklenburg Hotel. TRANSMITTER LOCATION: Mecklenburg Hotel. TIME ON THE AIR: 6:30 A.M. to midnight (daily): 9:00 A.M. to midnight (Sunday). NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: NBC Thesaurus.

Personnel

President and Station ManagerE. J. Gluck
Commercial Manager
Chief Announcer
Sales Promotion Manager

(Adv. and Publ.) Paul W. Norris
Musical Director Boe Norris
Chief Engineer L. L. Caudle

POLICIES

Liquor and foreign language accounts not accepted.

Build-up Announcements calling attention to start of new programs—no charge. Dealer Contacts-personal calls on local dealers to familiarize them with the planned campaign and to enlist their help—no charge. Dealer Mailings - usually used in conjunction with Dealer Contacts, mailings going to out-of-town dealers-postage is chargeable to client, no other charge. Wholesaler Contacts and Mailings-same as Dealer Contacts and Dealer Mailing to wholesale dealer. Publicity-Release of publicity stories throughout run of program on WSOC News Programs. Limited amount of newspaper publicity due to antiradio attitude of Charlotte dailies. Program Listings in Charlotte Observer and Charlotte News (Sunday editions).

Surveys: Sales or Distribution—contacts with retail and wholesale dealers to determine comparative sales, rate of increase, etc.—no charge. Coincidental Telephone—phone contacts with listeners selected at random from telephone directory to determine comparative listening audience, listener reactions, etc. No charge if made by Merchandising Dept., regular rate if made by local branch Ross-Federal.

Direct Audience Merchandising: Window, Counter and Store Displays—WSOC Merchandising Dept. usually works with client's local representative on this, but can handle independently. No charge if displays are furnished by client. Displays placed outside Charlotte city limits subject to travel of 5c per mile. Theater Tie-in — WSOC maintains exchange service with all first-run Charlotte theaters for trailers and special promotions on pictures starring NBC radio personalities. No charge.

Special Promotions—at the request of client, WSOC will submit specialized promotion campaign for their product. Merchandising Dept.

is equipped to carry out any type of campaign mapped out by client.

REPRESENTATIVE

Sears & Ayer

WDNC

"FRIENDLY VOICE OF INDUSTRY AND EDUCATION"

DURHAM—EST, 1934

COLUMBIA BROADCASTING SYSTEM

FREQUENCY: 1500 Kc. POWER: 250 Watts, d.; 100 Watts, n. OWNED BY: Herald-Sun Papers. OPERATED BY: Herald-Sun Papers. BUSINESS ADDRESS: Washington Duke Hotel. PHONE: J-1001. STUDIO ADDRESS: Washington Duke Hotel. TRANSMITTER LOCATION: Washington Duke Hotel. TIME ON THE AIR: 7:00 A.M. to 11:00 P.M.; Sunday, 9:00 A.M. to 11:00 P.M. NEWSPAPER AFFILIATION: Herald-Sun papers NEWS SERVICE: Associated Press (non-Commercial), United Press. TRANSCRIPTION SERVICE: Standard Radio.

Personnel

President	C. C. Council
General Manager	J. F. Jarman, Jr.
Commercial Manager	C. J. Woodhouse
Sales Manager	Woody Woodhouse
Musical Director	Gene Germino
Chief Engineer	

POLICIES

Station places discretionary restrictions on all copy, programs, etc., to assure their being in good taste and for the general interest of the public.

Maintains a weekly publicity release which cooperates thoroughly with all local advertisers in merchandising their programs and products. The publicity release has a mailing list of approximately 300 recipients. Station supplies merchandising facilities which include announcements on programs, regular daily resume of programs, daily column in newspapers, securing of trade lists, mailing within reasonable degree.

REPRESENTATIVE

The Katz Agency

W F N C *

FAYETTEVILLE—EST. 1939

FREQUENCY: 1340 Kc. POWER: 250 Watts. OWNED BY: W. C. Ewing and Harry Layman. OPERATED BY: Cumberland Broadcasting Co. BUSINESS ADDRESS: Fayetteville. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: Daytime License.

Personnel

Co-Owners...W. C. Ewing and Harry Layman
*Station licensed to operate under a C. P.
and no further information available at the time
of going to press.

W G N C *

"THE VOICE OF THE SPINDLES"

GASTONIA—EST. 1939

FREQUENCY: 1420 Kc. POWER: 250 Watts, d.; 100 Watts, n. OWNED BY: F. C. Todd. OPERATED BY: F. C. Todd. BUSINESS ADDRESS: Gastonia STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: Full Time License.

Personnel

President-Treasurer......F. C. Todd

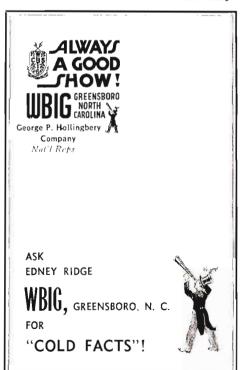
'Station was licensed to operate under a C. P. and expected to begin operations early this year.

WBIG

"WE BELIEVE IN GREENSBORO"

GREENSBORO—EST. 1926

COLUMBIA BROADCASTING SYSTEM FREQUENCY: 1440 Kc. POWER: 1000 Watts. OWNED BY: North Carolina Broadcasting Co. OPERATED BY: North Carolina Broadcasting Co. BUSINESS ADDRESS: O. Henry Hotel. PHONE: 6125-6. STUDIO ADDRESS. O. Henry Hotel. TRANSMITTER LOCATION: Jefferson Standard Bldg. TIME ON THE AIR: 6:30 A.M. to 12 midnight. NEWS SERVICE: Transradius. MAINTAINS ARTISTS' BUREAU. TRANSCRIPTION SERVICES: World Broadcasting



System, Lang-Worth Program Features, NAB Transcription Service.

Personnel

Station and Commercial
ManagerEdney Ridge
Advertising ManagerJ. T. Causey
Chief Announcer—Artists' Bureau
HeadBob Armstrong
Sales ManagerEdney Ridge
Publicity DirectorVirginia Wilson McKinney
Musical DirectorFay Kenyon
Chief EngineerEarl Allison

POLICIES

No liquor or wines advertised. As less than one-fourth of one per cent of the population in area is foreign-born, foreign language programs are not accepted.

Does not permit: Exalting gangsters, criminals and racketeers; Disrespect for either parental or other proper authority; Cruelty, greed and selfishness as worthy motivations; Programs that arouse harmful nervous reactions in the child; Conceit, smugness or an unwarranted sense of superiority over others less fortunate may not be presented as laudable: Recklessness and abandon must not be falsely identified with a healthy spirit of adventure; Unfair exploitation of others for personal gain must not be made praiseworthy; Dishonesty and deceit are not to be made appealing or attractive to the child.

Will permit no broadcasting of any product which describes graphically or repellently any internal bodily functions, symptomatic results of internal disturbances, or matters which are generally not considered acceptable topics in social groups. This policy specifically excludes the discussion of depilatories, deodorants, and other broadcasting which by its nature presents questions of good taste in connection with radio listening.

Commercial Announcements: In the interest of the audience and advertisers, sets the following maximum allowances for commercial announcements: A maximum of ten per cent of the total broadcasting period may be devoted to the sponsor's commercial announcements, including contests and offers, on programs broadcast after six o'clock p.m.; A single exception of the ten per cent ratio will be made on quarter-hour programs, on which an additional allowance for forty seconds will be made: Daytime programs, before six o'clock, will be allowed a maximum of fifteen per cent of the total period for commercial announcements, with an additional forty seconds for quarter-hour programs.

Geared to render national advertisers, either for network or spot programs, complete merchandising service if requested. A department is available to render the following services; contact distributors and jobbers, contact retail outlets, furnish letters to trade, arrange window displays and check placements, place counter cards, arrange to furnish salesmen's route lists, furnish market surveys and render accounts any reasonable service other than actual selling.

Station frequently uses newspaper advertis-

ing, billboards, display cards, letters, programs, to publicize national, net and spot accounts, as well as artists and programs. Station has a mailing list of drug, grocery, department stores and automotive lines, which regularly receive the Wheel of Commerce, house organ, issued frequently, as a merchandising aid. Cooperating in its area with from fifteen to eighteen weekly and semi-weekly newspapers.

REPRESENTATIVE

George P. Hollingbery Co.

WMFR

HIGH POINT-EST. 1936

FREQUENCY: 1200 Kc. POWER: 100 Watts. OWNED BY: Radio Station WMFR, Inc. OPERATED BY: Radio Station WMFR, Inc. BUSI-NESS ADDRESS: 156½ S. Main St. PHONE: 4593. STUDIO ADDRESS: 156½ S. Main St. TRANSMITTER LOCATION: 156½ S. Main St. TIME ON THE AIR: 6:30 A.M. to 10:90 P.M. MAINTAINS ARTISTS' BUREAU. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: NAB Library. Lang-Worth.

Personnel

President and Station	
Manager	Wayne M. Nelson
Commercial Manager	
Chief Engineer	E. J. Day

POLICIES

Liquor advertising not accepted. Beer accounts accepted.

Commercial service department adequately meets demands as occasion calls for.

WFTC

"WORLD'S FOREMOST TOBACCO CENTRE"

KINSTON—EST. 1937

FREQUENCY: 1200 Kc. POWER: 250 Watts, d.; 100 Watts, n. OWNED BY: Jonas Weiland. OPERATED BY: Jonas Weiland. BUSINESS ADDRESS: Queen St. PHONE: 1200. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Kinston. TIME ON THE AIR: (daily) 6:00 A.M. to 10:00 P.M.; (Sundays) 8:00 A.M. to 10:00 P.M.; (Sundays) 6:00 A.M. to 12:00 midnight. NEWS SERVICE: United Press. TRANSCRIPTION SERVICES: Standard Radio, Lang-Worth.

Personnel

President	. Jonas	Weiland
Advertising Manager	C.	Morgan
Chief Announcer	.Frank	Harden
Publicity Director	Bob	Wasdon
Musical Director	Jimm	y Barber
Chief Engineer	Harry	Layman

POLICIES

No stated special policies.

REPRESENTATIVE

Burn-Smith Co.

WPTF

"WE PROTECT THE FAMILY"

RALEIGH-EST, 1922

NATIONAL BROADCASTING COMPANY FREQUENCY: 680 Kc. POWER: 5000 Watts. OWNED BY: WPTF Radio Co. OPERATED BY: WPTF Radio Co. BUSINESS ADDRESS: 324 Fayetteville. PHONE: 3007-8-9. STUDIO ADDRESS: 324 Fayetteville. TRANSMITTER LOCATION: Cary. TIME ON THE AIR: 6:30 A.M. to 11:00 P.M.: Sunday, 8:00 A.M. to 11:00 P.M. NEWS SERVICE: United Press. TRANSCRIPTION SERVICES: NBC Thesaurus, NAB Library, Lang-Worth.

Personnel

President	J. R. Weatherspoon
Station Manager	Richard H. Mason
Sales Manager	.John H. Field, Jr.
Program Director	.Graham B. Poyner
Publicity Director	B. W. Huffington
Technical Supervisor	Henry Hulick

POLICIES

Liquor advertising not accepted. Foreign language accounts not accepted.

Merchandising includes: Direct mail, personal calls, studio display, and window display.

REPRESENTATIVE

Free & Peters, Inc.

KINSTON, N. C.

Where 20,000 tobacco farmers auction their product and spend their money.



The WFTC signal covers the fourteen counties whose farmers sell and spend in Kinston.



WFTC

1200 K.C.

250 W.

Representatives

Burn-Smith Company, Inc.

WRAL*

RALEIGH-EST, 1939

FREQUENCY: 1210 Kc. POWER: 250 Watts, d.: 100 Watts, n. OWNED BY: Capitol Broadcasting Co. OPERATED BY: Same. BUSINESS ADDRESS: Raleigh. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: Full Time License.

Personnel

WEED

"THE VOICE OF EASTERN CAROLINA"

ROCKY MOUNT—EST. 1933

FREQUENCY: 1420 Kc. POWER: 250 Watts, d.: 100 Watts, n. OWNED BY: W. Avera Wynne. OPERATED BY: W. Avera Wynne. STUDIO ADDRESS: Box 221. PHONE: 1420. STUDIO ADDRESS: Rocky Mount. TRANSMITTER LOCATION: Rocky Mount. TIME ON THE AIR: 7:00 A.M. to 9:00 P.M. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: NBC Thesaurus, World Broadcasting System. NAB Library.

Personnel

POLICIES

No liquor accounts accepted.

Merchandising facilities offered include contact selling with merchants, special promotions, tie-ins, etc.

WSTP

"WE SERVE THE PIEDMONT"

SALISBURY—EST. 1939

FREQUENCY: 1500 Kc. POWER: 250 Waits, d.: 100 Watts, n. OWNED BY: Piedmont Broadcasting Corp. OPERATED BY: Same. BUSINESS ADDRESS: Yadkin Hotel. PHONE: 2121. STUDIO ADDRESS: Yadkin Hotel. TRANSMITTER LOCATION: Statesville Highway at Grant Creek. TIME ON THE AIR: 7:00 A.M. to 11:00 P.M. TRANSCRIPTION SERVICE: NBC Thesaurus, World Broadcasting System.

Personnel

Manager ... John W. Shuitz Chief Engineer ... James R. Yost

REPRESENTATIVE

Bryant, Griffith & Brunson, Inc.

WMFD

WILMINGTON—EST. 1935

FREQUENCY: 1370 Kc. POWER: 100 Watts. OWNED BY: R. A. Dunlea. OPERATED BY: R. A. Dunlea. BUSINESS ADDRESS: 320 N. Front St. PHONE: 3. STUDIO ADDRESS: 320 N. Front St. TRANSMITTER LOCATION: 320 N. Front St. TIME ON THE AIR: 7:00 A.M. to 7:00 P.M. NEWS SERVICES: Transradio Press. Christian Science Monitor. TRANSCRIPTION SERVICE: NBC Thesaurus.

Personnel

President-General ManagerR. A. I	Junleα
Chief Announcer	V. Lee
Musical Director	V. Lee
Chief EngineerR.	Plank

POLICIES

No liquor advertising accepted.

REPRESENTATIVE

Burn-Smith Co.

WGTM

"WORLD'S GREATEST TOBACCO MARKET"

WILSON—EST, 1937

FREQUENCY: 1310 Kc. POWER 100 Watts. OWNED BY: WGTM. Inc. OPERATED BY: WGTM. Inc. OPERATED BY: WGTM. Inc. BUSINESS ADDRESS: 115 W. Nash St. PHONE: 2188. STUDIO ADDRESS: 115 W. Nash St. TRANSMITTER LOCATION: two miles south of Wilson on highway No. 301. TIME ON THE AIR: Daytime operation. NEWS SERVICE: United Press. TRANSCRIPTION SERVICES: C. P. MacGregor, NAB Library.

Personnel

President and General
ManagerH. W. Wilson
Secretary-TreasurerBen Farmer
Vice-PresidentGeorge C. McDonald
Commercial ManagerAllen Wanamaker
Chief EngineerBen Farmer
Assistant Engineer Jack Hudson

POLICIES

No liquor advertising is accepted. No drugs that are not recommended by resident physician and no foreign language account nor any communistic speech or radical speakers that are not strictly in keeping with the Administration and good government.

REPRESENTATIVE

Bryant, Griffith & Brunson, Inc.

WAIR

"IN WINSTON-SALEM IT'S WAIR"

WINSTON-SALEM—EST, 1937

FREQUENCY: 1250 Kc. POWER: 250 Watts. OWNED BY: C. G. Hill, George D. Walker, and S H. Walker. OPERATED BY: C. G Hill. George D. Walker, and S. H. Walker. BUSINESS ADDRESS: Robert E. Lee Hotel. PHONE: 21133-4. STUDIO ADDRESS: Robert E. Lee Hotel. TRANSMITTER LOCATION: Reynolda. TIME ON THE AIR: 6:00 A.M. to local sunset. MAINTAINS ARTISTS' BUREAU. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICES: NBC Thesaurus, World Broadcasting System, NAB Library, C. P. MacGregor. MAINTAINS ARTISTS' BUREAU.

Personnel

POLICIES

Does not accept foreign language programs. Station maintains a merchandising department which is equipped with duplicating machines and all necessary equipment to offer direct mail tie-ins. The station also maintains a complete photographic department for obtaining pictures of artists and shows.

Also publishes a news sheet twice each month giving complete information on new business, outstanding shows and articles of general interest to broadcasters and clients.

REPRESENTATIVE

Sears & Ayer

WSJS

WINSTON-SALEM-EST, 1930

COLUMBIA BROADCASTING SYSTEM

FREQUENCY: 1310 Kc. POWER: 100 Watts. OWNED BY: Piedmont Pub. Co. OPERATED BY: Piedmont Pub. Co. BUSINESS ADDRESS: 416-420 N. Marshall St. PHONE: 4141. TRANS-MITTER LOCATION: Liberia St. TIME ON THE AIR: 7:00 A.M. to midnight (daily): 8:30 A.M. to midnight (Sunday). NEWSPAPER AFFILI-ATIONS: Winston-Salem Journal, Twin City Sentinel. NEWS SERVICE: United Press. TRANSCRIPTION SERVICES: Associated and Lang-Worth.

Personnel

Station Manager	O'Neil
Chief AnnouncerJohn	Miller
Sales Manager	O'Neil
Musical Director E. C.	Tuttle

POLICIES

Does not handle liquor advertising.

General merchandising service available; surveys of sales of clients' products and competitors' are made from time to time.

REPRESENTATIVE

Kelly-Smith

NORTH DAKOTA

Population 706,000

Number of Families 156,000

Number of Radio Homes 119,600

Retail Sales \$150,208,000

Auto Registrations 142,515

KFYR

"THE REGIONAL STATION WITH CLEARED CHANNEL COVERAGE"

BISMARCK—EST. 1925

NATIONAL BROADCASTING COMPANY

FREQUENCY: 550 Kc. POWER: 5000 Watts, d.: 1000 Watts, n. OWNED BY: Meyer Broadcasting Co. BUSINESS ADDRESS: 320 Broadway. PHONE: 19. STUDIO ADDRESS: 320 Broadway. TRANSMITTER LOCATION: Menoken Township. TIME ON THE AIR: (Daily) 7:00 A.M. to 12:00 midnight; (Sundays) 8:00 A.M. to 12:00 midnight. NEWS SERVICES: Transradio Press; Bismarck Tribune. TRANSCRIPTION SERVICE: Associated.

Personnel

President and General Manager..P. J. Meyer Station and Commercial

POLICIES

Hard liquor not accepted. Foreign language accounts accepted when accompanied by English interpretation. Medicinal advertising accepted on restricted basis.

Personal calls and mailing lists. Merchandising assistance depends on size of contract.

REPRESENTATIVE

Gene Furgason & Co.

KDLR

"DEVILS LAKE RADIO VOICE"

DEVILS LAKE—EST. 1925

DAKOTA BROADCASTING SYSTEM

FREQUENCY: 1210 Kc. POWER: 100 Watts. OWNED BY: KDLR. Inc. OPERATED BY: KDLR. Inc. BUSINESS ADDRESS: 1025-3rd St. PHONE: 1090. STUDIO ADDRESS: 1025-3rd St. TRANS-MITTER LOCATION: East end 4th St. TIME ON THE AIR: 6:30 A.M. to 8:30 P.M. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: C. P. MacGregor.

Personnel

President and General Manager...Bert Wick Program Director.....Hildur Marie Wick Chief Engineer.....Richard Moritz

POLICIES

No hard liquor accounts accepted.

Merchandising includes special theater exploitation trailers.

REPRESENTATIVE

Cox and Tanz, Inc.

WDAY

"OLDEST BROADCASTING STATION IN THE NORTHWEST"

FARGO—EST. 1922

NATIONAL BROADCASTING COMPANY

FREQUENCY: 940 Kc. POWER: 5000 Watts, d.; 1000 Watts, n. OWNED BY: WDAY, Inc. OPERATED BY: WDAY, Inc. BUSINESS ADDRESS: 118 Broadway. PHONE: 6800. STUDIO ADDRESS: 118 Broadway. TRANSMITTER LOCATION: Near West Fargo. TIME ON THE AIR: 6:00 A.M. to 12:00 midnight. MAINTAINS ARTISTS' BUREAU. NEWSPAPER AFFILIATIONS: Fargo Forum. NEWS SERVICES: Radio News Ass.: United Press, Fargo Forum. TRANSCRIPTION SERVICE: NBC Thesaurus.

Personnel

President and General Manager E. C. Reineke Commercial Manager B. J. Lavin Chief Announcer and

Artists' Bureau Head.....Ken Kennedy
Publicity Director.....David Henley
Chief Engineer....Julius Hetland

POLICIES

Accept no hard liquor advertising.
Usual merchandising assistance and cooperation with sales crews.

REPRESENTATIVE

Free and Peters, Inc.

KFJM

GRAND FORKS

FREQUENCY: 1410 Kc. POWER: 1000 Watts, d.; 500 Watts, n. OWNED BY: University of N. D. OPERATED BY: University of N. D. BUSINESS ADDRESS: 1st Nat'l Bank Bldg. PHONE: 1200. STUDIO ADDRESS: 1st Nat'l Bank Bldg. TRANSMITTER LOCATION: University of N. D. TIME ON THE AIR: 7:00 A.M. to 9:00 P.M. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: Lang-Worth.

Personnel

Station Manager.....Dalton Le Masurier Sales Manager.....E. O. Hanson

POLICIES

Accepts foreign language programs. Accept beer and wine accounts but do not accept liquor or proprietary advertising.

Local sales staff available for surveys, local dealer contacts. No reasonable requests turned down.

REPRESENTATIVE

Joseph Hershey McGillvra

K R M C

"SO FAR AHEAD WE'RE LONESOME"

JAMESTOWN-EST. 1937

DAKOTA BROADCASTING SYSTEM

FREQUENCY: 1370 Kc. POWER: 250 Watts, d.: 100 Watts, n. OWNED BY: Roberts-MacNab Co. OPERATED BY: Van Cronkhite Associates, Chicago, & New York. BUSINESS ADDRESS: Gladstone Hotel. PHONE: 100-358. STUDIO ADDRESS: Gladstone Hotel. TRANSMITTER LOCATION: South of city. TIME ON THE AIR: 7:00 A.M. to 10:00 P.M. NEWS SERVICE: Transradio Press. MAINTAINS ARTISTS' BUREAU. TRANSCRIPTION SERVICE: World Broadcasting System.

Personnel

POLICIES

Only beer and light wine. Foreign language accepted subject to time arrangement.

Merchandising provides window displays, limited billboard space and tie-ups with Jamestown Daily Sun and in county weeklies.

KGCU

"VOICE OF THE WEST"

MANDAN—EST. 1925

DAKOTA BROADCASTING SYSTEM

FREQUENCY: 1240 Kc. POWER: 250 Watts. OWNED BY: Mandan Radio Association. OPERATED BY: Mandan Radio Association. BUSINESS ADDRESS: 205 First St., N.W. STUDIO ADDRESS: Kennelly Furniture Co. Bldg.; Prince Hotel, Bismarck. TRANSMITTER LOCATION: between Bismarck and Mandan on Memorial Highway No. 10. TIME ON THE AIR: 9:00 A.M. to 10:00 P.M.; Sunday, I1:00 A.M. to 6:00 P.M. NEWS SERVICE: Radio News Association, Associated Press TRANSCRIPTION SERVICE: C. P. MacGregor, MAINTAINS ARTISTS' BUREAU.

Personnel

President ... H. C. Schulte Secretary ... Charles Toman, Jr. Manager......J. K. Kennelly Chief Engineer-Assistant Manager.....James Gilfoy Program Director-Chief Announcer..... Ernest G. Hendrickson **POLICIES**

No wine or liquor advertisements accepted.

"VOICE OF MAGIC CITY" MINOT-EST, 1929

FREQUENCY: 1360 Kc. POWER: 1000 watts, d.: 500 Watts, n. OWNED BY: John B. Colley. OPERATED BY: Same, BUSINESS ADDRESS: 118 S. Main. PHONE: 1267-6. STUDIO AD-TRANSMITTER LOCATION: DRESS: Same. S. E. Minot. TIME ON THE AIR: 7:00 A.M. to 10:00 P.M. NEWS SERVICE: Transradio TRANSCRIPTION SERVICES: World Broadcasting System.

Personnel

PresidentJohn B. G	Cooley
Station ManagerRichard J. S.	chmidt
Commercial ManagerE. H. G	Cooley
Sales Representative Leslie 1	Maurin
Publicity DirectorKay M	cGrath
Chief Engineer	Baker

POLICIES

Does not accept liquor advertising other than beer. Accepts foreign language programs in Scandinavian, Russian and German.

REPRESENTATIVES

Sears & Ayer Transamerican Broadcasting & Television Corp.

"THE RADIO VOICE OF VALLEY CITY"

VALLEY CITY—EST, 1936

FREQUENCY: 1500 Kc. POWER: 250 Watts. d.; 100 Watts, n. OWNED BY: KOVC, Inc. OPERATED BY: KOVC, Inc. BUSINESS AD-DRESS: Rudolph Hotel, PHONE: 408, STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Valley City. TIME ON THE AIR: 7:00 A.M. to 9:00 P.M. NEWS SERVICE: United Press.

Personnel

Commercial ManagerWilliam	L.	Wallace
Program DirectorRober	t E.	. Ingstad
Chief Engineer	.Be	y Green

POLICIES

Merchandising: Facilities include window displays and newspaper publicity in local papers.

\mathbf{OHIO}

Population 6,733,000

Number of Families 1,777,000

Number of Radio Homes 1.641.500

Retail Sales \$1,956,941,000

Auto Registrations 1,690,000

"WHERE AKRONITES DIAL CONSTANTLY

AKRON—EST. 1925

CBS-BASIC

FREQUENCY: 1320 Kc. POWER: 5000 Watts. d.; 1000 Watts, n. OWNED BY: Allen T. Simmons. OPERATED BY: Same. BUSINESS AD-DRESS: Beacon Journal Bldg. PHONE: Hemlock 5151-2-3. STUDIO ADDRESS: Beacon Journal Bldg.; other studios in Canton and Cleveland, TRANSMITTER LOCATION: Talmadge. TIME ON THE AIR: 7:00 A.M. to 1:00 A.M.; Sunday, 9:00 A.M. to 1:00 A.M. NEWS SERVICE: Transradio Press. MAIN-TAINS ARTISTS' BUREAU. TRANSCRIPTION SERVICE: Associated Library.

Personnel

Station Manager
Commercial ManagerE. A. Marchal
Artists' Bureau Head
Chief Announcer
Sales ManagerF. C. Bock
Chief EngineerJohn Aitkenhead

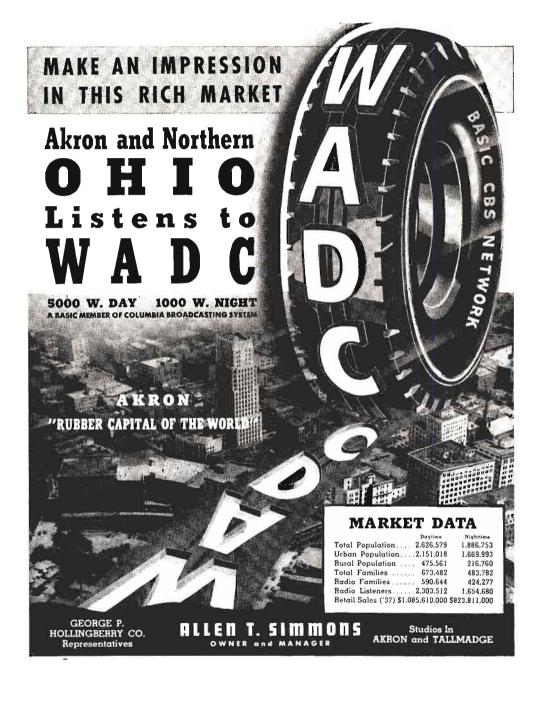
POLICIES

Must conform to State and Federal Communication Commission regulations. Advertising of alcoholic beverages accepted.

Merchandising: Contacting retail outlets. Handling and mailing letters. Distributing window and counter displays.

REPRESENTATIVE

George P. Hollingbery Co. (See Page 332)



W J W

"WJW ADVERTISING DOESN'T COST; IT PAYS"

AKRON-EST.1932

FREQUENCY: 1210 Kc. POWER: 250 Watts, d.; 100 Watts, n. OWNED BY: WJW, Inc. OPERATED BY: WJW, Inc. BUSINESS ADDRESS:41 S. High St. PHONE: Jefferson 6111. STUDIO ADDRESS 41 S. High St. TRANSMITTER LOCATION: 41 S. High St. TIME ON THE AIR: 8:00 A.M. to 11:00 P.M. NEWS SERVICES: United Priess. MAINTAINS ARTISTS' BUREAU. TRANSCRIPTION SERVICES: World Broadcasting System.

Personnel

President	.John	F. Weimer
General Manager	. W.	Townsend
Commercial ManagerEdy	he Fe	n Melrose
Program Director	Gen	e La Valle
Chief Announcer	E	arl Bates
Publicity Director	B il	ll Griffiths
Artists' Bureau Head and		
Musical Director	. Wilmo	a Douglas

POLICIES

No stated special policies.

Station "Plugs" and Newspaper Tie-in on commercial accounts. Merchandising facilities include 3 downtown main street windows for display, theatre and newspaper tie-ins.

WICA

"WELCOMING, INDUSTRY, COMMERCE, AND AGRICULTURE"

"THE FRIENDLY VOICE OF NORTHEASTERN OHIO"

ASHTABULA—EST. 1937

FREQUENCY: 940 Kc. POWER: 250 Watts. OWNED BY: C. A. Rowley. OPERATED BY: WICA, Inc. BUSINESS ADDRESS: 221 Center St. PHONE: 1211-1311. STUDIO ADDRESS: 221 Center St. TRANSMITTER LOCATION: Jefferson Road. TIME ON THE AIR: 6:00 A.M. to local sunset: Sunday, 7:00 A.M. to local sunset. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: United Press. TRANSCRIPTION SERVICE: Standard Radio, Associated, C. P. MacGregor. MAINTAINS ARTISTS' BUREAU.

Personnel

President
ManagerR. B. Rowley
Advertising ManagerR. C. Marvin
Program DirectorWalter W. Walgrath
Artists' Bureau HeadGerald O'Brien
Chief AnnouncerWalter Walrath
News Bureau-Publicity T. F. Sigman
Musical DirectorRichard Joachim
Chief EngineerGeorge Gautney

POLICIES

No liquor advertising accepted.

Merchandising: A "where-to-find-it" service
is maintained for listeners.

REPRESENTATIVE

Interstate Advertising Agency

WHBC

"VOICE OF STARK COUNTY"

CANTON—EST, 1925

FREQUENCY: 1200 Kc. POWER: 100 Watts. (Construction Permit for 250 Watts, daytime). OWNED BY: Ohio Broadcasting Co. OPER. ATED BY: Ohio Broadcasting Co. BUSINESS ADDRESS: 319 Tuscarawa St., West. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: 627 McKinley Ave. TIME ON THE AIR: Daily, 8:00 A.M. to 9:30 P.M.; Sunday, 12:00 noon to 3:00 P.M. and 6:00 P.M. to 9:00 P.M. TRANSCRIPTION SERVICE: NBC Thesaurus, World Broadcasting System.

Personnel

General ManagerPaul F. Morgan
Commercial ManagerRalph Bruce
Program DirectorS. T. Mayers
Production ManagerTruesdale Mayers
Chief EngineerKenneth Sliker

POLICIES

Maintains a promotion department that aids accounts in conducting sales or events.

WCKY*

"DOING A REAL JOB FOR THE ADVERTISER"

CINCINNATI-EST, 1929

(NBC-RED and BLUE)

FREQUENCY: 1490 Kc. POWER: 10,000 Watts. OWNED BY: L. B. Wilson, Inc. OPERATED BY: L. B. Wilson, Inc. BUSINESS ADDRESS: 6th and Madison, Covington, Ky; Gibson Hotel, Cincinnati. PHONE: Hemlock 7655. STUDIO ADDRESS: Netherland Plaza Hotel, Cincinnati, 6th & Madison, Covington, Ky. TRANSMITTER LOCATION: Near Crescent Springs, TIME ON THE AIR: (Daily) 6:00 A.M. to 1:00 A.M.; (Sunday) 8:00 A.M. to 1:00 A.M. NEWS SERVICES: Transradio Press. TRANSCRIPTION SERVICE: World Broadcasting System; NBC Thesaurus.

*FCC approval granted for 50,000 watts.

Personnel

President and General Manager L. B. Wilson Director of Sales Lloyd George Venard
Chief AnnouncerLee Goldsmith
Promotion ManagerBev Dean
Production ManagerMendel Jones
Merchandising DirectorThomas Mitchell
Publicity Director-Continuity
EditorElmer Dressman
Chief Engineer

POLICIES

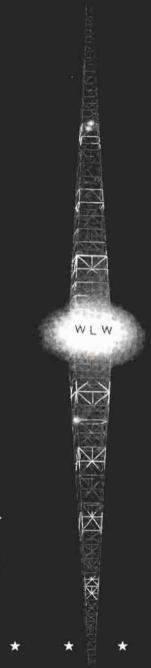
Beer and wine accepted. No hard liquor accounts. All medicinal copy must be okayed by continuity department.

NOT BLACK MAGIC



... but the kind of magic that moves merchandise off back shelves and from preferred display space into market baskets . . . that excites dealers and inspires salesmen. That's the kind of magic in the words "...produced in the studios of the Nation's Station." And to create this magic no strange abracadabra is used . . . no witches' potions are concocted by the light of the moon . . . but into the WLW cauldron is carefully stirred and skillfully blended one part imagination, one part showmanship, one part facilities and three parts conscientious and sincere effort. The resulting elixir will bring results whether you're planning a test campaign or a full network presentation. In either case, consider the value of those magic words . . . "produced in the studios of the Nation's Station" . . . the hallmark of premium radio production at lower costs.

During the first week of February, 1939, WLW originated 157% more commercial network quarter hour units than it did during the first week of September, 1938 . . . proof that more and more national advertisers are realizing the magic of WLW production.



SHOWMANSHIP AWARDS FOR PROGRAM ORIGINATIONS 1936

We sell 5000 watts

-and elbow grease!

CINCINNATI has a lot of radio stations—some of them with lots of power. And all four of the bigger stations are network stations. Which ought to make things complicated for a time buyer. But they're not.

In April of 1938, Crossley, Inc. conducted the largest coincidental study ever made in Cincinnati. It demonstrated that WKRC was an unquestioned first in listener popularity among all of the local network stations. And, since then, other surveys have confirmed the fact—WKRC is first!

It isn't just the 5000 watts. It isn't just the 550 kilocycles. It isn't just the complete Columbia programming. It's all of those things... plus elbow grease!

WKRC produces shows that catch the flavor of Cincinnati. And the interest. And the enthusiasm. WKRC "special events" is one of the livest outfits in radio. So listeners make it a habit to tune WKRC when they want to know what's doing in Cincinnati.

We always reserve a couple of cans of elbow grease for our dealers, too. Every important dealer in Cincinnati is contacted by WKRC all of the time—on behalf of our sponsors. The result is that your customers are our friends. Day and night, WKRC advertising rings the bell all down the line...wholesaler, retailer, consumer.

You ought to sample some of our very special brand of elbow grease.

\overline{WKRC} \star columbia's station for cincinnati

550 Kilocycles. Owned and operated by Columbia Broadcasting System.
Represented by Radio Sales: New York • Chicago • Detroit • St. Louis
Cincinnati • Milwaukee • Charlotte, N. C. • Los Angeles • San Francisco

Merchandising service with 26 or more programs includes sales meetings with manufacturers' salesmen or distributors; meeting with jobber salesmen; personal calls on buyers for wholesalers and chains; plus key retailers; route lists furnished for drug and food retailers; letter or postcards to retailers, plus letter follow up to wholesalers enclosing sample of retail literature: window stripping in Greater Cincinnati, Hamilton and Middletown; placing displays in Greater Cincinnati, Hamilton & Middletown; checking of product sales before and during campaign; publicity service for program including bulletins and news releases to more than 100 weekly and daily papers in WCKY's primary area; program mention on street car cards in Greater Cincinnati, Hamilton and Middletown and Northern Kentucky. Amount and type if merchandise service dependent upon type of contract, type of product and sales problem in WCKY's primary area.

REPRESENTATIVE

Free & Peters, Inc.

(See Page 338)

WCPO

"CINCINNATI NEWS STATION"

CINCINNATI-EST, 1922

FREQUENCY: 1200 Kc. POWER: 250 Watts, d.; 100 Watts, n. OWNED BY: Scripps Howard Radio, Inc. OPERATED BY: Scripps Howard Radio, Inc. BUSINESS ADDRESS: Keith Bldg. PHONE: Main 3314-5-6-7-8-9. STUDIO ADDRESS: Keith Bldg. TRANSMITTER LOCATION: Daylight Bldg. TIME ON THE AIR: 6:00 A.M. to 12:00 midnight: Saturday, to 3:00 A.M. NEWSPAPER AFFILIATIONS: Scripps Howard Newspapers, Cincinnati Post. NEWS SERVICE: United Press. MAINTAINS ARTISTS' BUREAU. TRANSCRIPTION SERVICES: Standard Radio, Associated.

Personnel

PresidentJack Howard
Vice PresidentJ. C. Hanrahan
General Manager
Artists' Bureau HeadAndre Carlon
Chief AnnouncerPaul Hodges
Publicity Director
Musical DirectorJohn P. Smith
Chief EngineerGlen Davis

POLICIES

Accounts accepted within state laws and station civic policies.

Merchandising and exploitation through window displays, theater trailers, billboard signs and newspaper ads. Station maintains a street studio.

REPRESENTATIVE

Weed & Co.

WKRC

"COLUMBIA'S STATION FOR CINCINNATI"

CINCINNATI—EST. 1923

COLUMBIA BROADCASTING SYSTEM

FREQUENCY: 550 Kc. POWER: 5000 Watts, d.; 1000 Watts, n. OWNED BY: Columbia Broadcasting System. OPERATED BY: Columbia Broadcasting System. BUSINESS ADDRESS: Hotel Alms, Locust & Victory Parkway. PHONE: Woodburn 0550. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 6:30 A.M. to 2:00 A.M. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: Standard Radio.

Personnel

General ManagerWilliam A. Schudt, Jr.
Sales ManagerWilliam J. Williamson
Program DirectorRuth Lyons
Special Events DirectorCecil Carmichael
Publicity DirectorMargaret Maloney
Chief EngineerJohn Tiffany

POLICIES

Governed by the policies of the Columbia Broadcasting System.

Has full merchandising facilities.

REPRESENTATIVE

Radio Sales

wiw

"THE NATION'S STATION"

CINCINNATI—EST. 1922

NBC (RED & BLUE)-MUTUAL

FREQUENCY: 700 Kc. POWER: 500,000 Watts. OWNED BY: The Crosley Radio Corp. OPERATED BY: Same. BUSINESS ADDRESS: 1329 Arlington St. PHONE: Kirby 4800. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Mason. TIME ON THE AIR: 5:45 A.M. to 2:00 A.M. NEWS SERVICES: International News Service and United Press. MAINTAINS ARTISTS' BUREAU. TRANSCRIPTION SERVICE: Associated.

Personnel

PresidentPowel Crosley, Jr.
Vice-President-General Manager
James D. Shouse
Sales Manager
Business ManagerE. K. Bauer
Sales Service ManagerWalter A. Callahan
Promotion ManagerWilfred Guenther
Program DirectorOwen Vinson
Artists Bureau Head
Chief AnnouncerPeter Grant
News Editor
Publicity DirectorCecil Carmichael
Musical DirectorsWilliam Stoess,
Josef Cherniavsky
Chief EngineerR. J. Rockwell

POLICIES

Advertising of alcoholic beverages, excepting beer and wine, and foreign language pro-

L. B. WILSON

Presents

The Powerful Voice

of the

Great Ohio Valley

· WCKY ·

50,000 WATTS DAY and NIGHT

Very Soon

grams not accepted. All programs otherwise, subject to the approval of the station.

Merchandising: Station maintains a complete Promotional Department which includes research, merchandising, special events and publicity department. In addition WLW has its own staff illustrators, copy writers, and trade contact men. All clients are offered the full resources of the Promotion Department.

REPRESENTATIVE

Transamerican Broadcasting and Television

Corp. (See Pages 334-335)

WSAI

"CINCINNATI'S OWN STATION"

CINCINNATI-EST. 1928

(NBC-RED-MUTUAL)

FREQUENCY: 1330 Kc. POWER: 5000 Watts, d.; 1000 Watts, n. OWNED BY: Crosley Radio Corp. OPERATED BY: Same. BUSINESS ADDRESS: 1329 Arlington St. PHONE: Kirby 4800. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Warner & Roh Sts. TIME ON THE AIR: 7:00 A.M. to 1:00 A.M. (daily); 8:00 A.M. to 1:00 A.M. (Sunday). NEWS SERVICES: International News Service, United Press. MAINTAINS ARTISTS' BUREAU. TRANSCRIPTION SERVICE: Associated.

Personnel

PresidentPowel Crosley, Jr.
Vice-PresidentJames D. Shouse
General ManagerDewey H. Long
Sales ManagerJack Thornquest
Artists Bureau Head A. R. Plough
Chief AnnouncerPeter Grant
News Editor
Program DirectorClair Shadwell
Musical Directors
Josef Cherniavsky

Advertising of alcoholic beverages not accepted, excepting beer and wine. Announcements and talks accepted only where subject matter is in the opinion of the station, of genuine public interest. All programs subject to the approval of the station.

REPRESENTATIVE

International Radio Sales

WCLE

CLEVELAND-EST. 1927

MUTUAL BROADCASTING SYSTEM

FREQUENCY: 610 Kc. POWER: 500 Watts.
OWNED BY: Cleveland Radio Broadcasting
Corp. OPERATED BY: Cleveland Radio Broad-

casting Corp. BUSINESS ADDRESS: 1311 Terminal Tower. PHONE: Prospect 5800. STUDIO ADDRESS: 1311 Terminal Tower; Higbee Bldg. TRANSMITTER LOCATION: Seven Hills. TIME ON THE AIR: 7:00 A.M. to local sunset. MAINTAINS ARTISTS' BUREAU. TRANSCRIPTION SERVICE: World Broadcasting System; NAB Library.

Personnel

PresidentJohn S. McCarrens
Vice President and General
Manager
Sales Manager
Program DirectorRussell Richmond
Advertising ManagerJohn T. Vorpe
Educational DirectorLarry N. Roller
Publicity DirectorNeil Collins
Musical DirectorLouis Rich
Chief EngineerE. L. Gove

POLICIES

Does not accept liquor advertising. Foreign language programs accepted in restricted times.

Merchandising: Maintains a well organized merchandising unit to promote sponsors' radio efforts and help capitalize on its results.

Route lists furnished for drug or grocery retailers.

Letters to the retailers (for which you are only charged postage)—or, if preferred. Western Union messages may be substituted for letters at a slightly higher cost.

WCLE studios, production and talent facilities for dealer meetings or retailer sessions.

Surveys at start—and during campaign on

These services are available to every WCLE program advertiser without cost except as mantioned above.

REPRESENTATIVE

Radio Advertising Corp.

WGAR

"CLEVELAND'S FRIENDLY STATION"

CLEVELAND—EST. 1930

COLUMBIA BROADCASTING SYSTEM

FREQUENCY: 1450 Kc. POWER: 5000 Watts, d.; 1000 Watts, n. OWNED BY: WGAR Broadcasting Co. OPERATED BY: WGAR Broadcasting Co. BUSINESS ADDRESS: Hotel Statler. PHONE: Prospect 0200. STUDIO ADDRESS: Hotel Statler. TRANSMITTER LOCATION: 1000 Harvard Ave., Cuyahoga Heights. TIME ON THE AIR: 7:00 A.M. to 1:00 A.M. NEWS SERVICE: International News Service. MAINTAINS ARTISTS' BUREAU. TRANSCRIPTION SERVICE: Standard Radio, NAB Library.

Personnel

Assistant Manager in Charge
of SalesEugene Carr
Program and Editorial
DirectorEllis VanderPyl
Public Relations Director Maurice Condon
Artists' Bureau HeadWorth Kramer
Chief Announcer
Program Director
Musical Director
Chief Engineer

POLICIES

Liquor advertising is accepted for broadcast only after 10 P.M. Foreign language programs are broadcast without restriction as to time, but material is subject to change by WGAR manager. Beer advertising is accepted at any time.

The sales promotion director and public relations director collaborate on special campaigns for promotion of sponsor's product in the Cleveland area. Direct mail campaigns, car card schedules and cab cover sets are offered when available—and at cost to the sponsor. All Cleveland newspapers are serviced with program news by WGAR's publicity department.

REPRESENTATIVE

Edward Petry & Co.

WHK

"CLEVELAND'S PIONEER STATION"

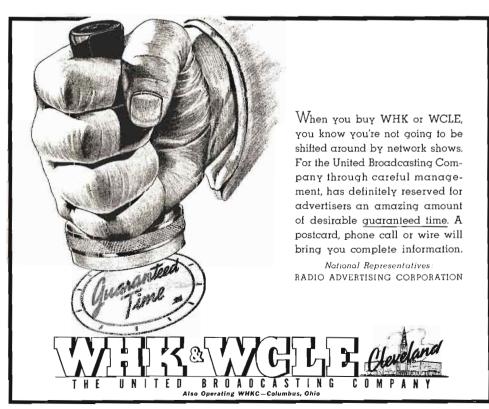
CLEVELAND—EST. 1921

NBC-(BLUE) MUTUAL

FREQUENCY: 1390 Kc. POWER: 2500 Watts, d.: 1000 Watts, n. OWNED BY: Radio Air Service Corp. OPERATED BY: Radio Air Service Corp. BUSINESS ADDRESS: 1311 Terminal Tower. PHONE: Prospect 5800. STUDIO ADDRESS: 1311 Terminal Tower; Higbee Bldg. TRANSMITTER LOCATION: Seven Hills. TIME ON THE AIR: 7:00 A.M. to midnight. NEWS SERVICE: United Press. MAINTAINS ARTISTS' BUREAU. TRANSCRIPTION SERVICE: World Broadcasting System, NAB Library.

Personnel

President	McCarrens
Vice President and	
General Manager	Carpenter
Sales Manager	ackathorn
Program DirectorRussell	Richmond
Advertising ManagerJohn	T. Vorpe
Educational DirectorLarry	N. Roller
Publicity DirectorNe	il Collins
Artists' Bureau Head	ouis Rich
Musical DirectorL	ouis Rich
Chief EngineerE	. L. Gove



POLICIES

Does not accept liquor advertising. Foreign language programs accepted in restricted times.

Merchandising: Maintains a well organized merchandising unit to promote sponsors' radio efforts and help on its results.

Route lists furnished for drug or grocery retailers.

Personal calls on wholesalers plus key retailers with your promotion.

Letters to the retailers (for which you are only charged postage)—or, if preferred, Western Union messages may be substituted for letters at a slightly higher cost.

WHK studios, production and talent facilities for dealer meetings or retailer sessions.

Surveys at start—and during campaign on product.

These services are available to every WHK program advertiser without cost except as mentioned above.

REPRESENTATIVE

Radio Advertising Corp.

WTAM

"WHERE THE ARTISTS MEET IN CLEVELAND"

CLEVELAND—EST. 1923

NATIONAL BROADCASTING CO. (BASIC RED)

FREQUENCY: 1070 Kc. POWER: 50.000 Watts. OWNED BY: National Broadcasting Co., Inc. OPERATED BY: Same. BUSINESS ADDRESS: 815 Superior Ave., N. E. PHONE: Cherry 0942. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Brecksville Village. TIME ON THE AIR: 5:59 A.M. to 1:00 A.M. (daily). 6:59 A.M. to 1:00 A.M. (Sunday). NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: NBC Thesaurus. MAINTAINS ARTISTS BUREAU.

Personnel

President	Lenox R. Lohr
Station Manager	Vernon H. Pribble
Sales Manager	Howard A. Barton
Publicity Director	Bob Dailey
Program Director	
Musical Director	Walter Logan
Chief Engineer	S. E. Leonard

POLICIES

Policies of the National Broadcasting Co. apply.

REPRESENTATIVE

National Broadcasting Co., Inc.

WBNS

COLUMBUS—EST, 1922

COLUMBIA BROADCASTING SYSTEM FREQUENCY: 1430 Kc. POWER: 5000 Watts, d.; 1000 Watts, n. OWNED BY: WBNS, Inc. OPERATED BY: WBNS, Inc. BUSINESS AD-DRESS: 33 No. High St. PHONE: Adams 9265-6. STUDIO ADDRESS: 33 No. High St. TRANS-MITTER LOCATION: 1035 Barnett Rd. TIME ON THE AIR: 6:30 A.M. to 1:00 A.M. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: Associated Music, C. P. MacGregor.

Personnel

PresidentRobert	H. Wolfe
Station ManagerRichard	d A. Borel
Sales and Commercial Manager	.W. I. Orr
Advertising Manager	W. I. Orr
Chief Announcer	O. Yerian
Publicity DirectorJerome	R. Reeves
Musical DirectorLov	well Riley
Chief EngineerLester I	I. Nafzger

POLICIES

Accepts beer and wine; not whiskey. Foreign language accounts are accepted. Does not encourage patent medicine accounts. Station passes on all such copy.

Station purchases newspaper display space to exploit commercials. Station is liberal with deadheads for new programs. Maintains merchandising department for distribution checks and personal contacts. Assumes part of labor in display distribution and informative letters to dealers. Maintains close contact with newspapers.

REPRESENTATIVE

John Blair & Company

WCOL

COLUMBUS-EST, 1934

NBC-(RED & BLUE)

FREQUENCY: 1210 Kc. POWER: 100 Watts. OWNED BY: WCOL, Inc. OPERATED BY: WCOL, Inc. OPERATED BY: WCOL, Inc. BUSINESS ADDRESS: 33 N. High St. PHONE: Main 4581. STUDIO ADDRESS: 33 N. High St. TRANSMITTER LOCATION: 33 N. High St. TIME ON THE AIR: 7:00 A.M. to 1:00 A.M. NEWSPAPER AFFILIATION: Ohio State Journal. NEWS SERVICE: International News Service. TRANSCRIPTION SERVICE: Standard Radio.

Personnel

President	B. Johnston
Station Manager	B. Johnston
Commercial Manager	Neal Smith
Chief Announcer	am Wallace
Sales Manager	. Jack Kelly
Publicity Director	Ed Bronson
Chief Engineer	Inest Lowe

POLICIES

Accept Beer accounts anytime. Hard liquor after 10:00 P.M. No foreign language accounts accepted. All copy must conform to F.C.C. regulations.

On request WCOL will notify retailers concerning broadcast campaigns over this station. Merchandising department checks progress of sales and will assist in setting up counter displays calling attention to the advertisers program over WCOL.

REPRESENTATIVE Weed & Co.

WHKC

"THE VOICE OF OHIO"

COLUMBUS-EST, 1921

MUTUAL BROADCASTING SYSTEM

FREQUENCY: 640 Kc. POWER: 500 Watts. OWNED BY: Associated Radiocasting Corp. OPERATED BY: Same. BUSINESS ADDRESS: 22 E. Gay St. PHONE: Adams 1101. STUDIO ADDRESS: 22 East Gay St. TRANSMITTER LOCATION: Sharon Road. TIME ON THE AIR: 6:30 A.M. to sundown Los Angeles Time. NEWSPAPER AFFILIATION: Station is a subsidiary of the United Broadcasting Co. which is owned and operated by the Cleveland Plain Dealer. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: World Broadcasting System.

Personnel

General Manager	. Carl	M.	Everson
Assistant Manager	B.	A.	Manring
Sales Managerl	Harry	H.	Hoessly
Production Manager	Rober	t S	. French
Chief Engineer	I. I	E. 1	Anderson

POLICIES

Beer and wine accounts accepted, hard liquor advertising taboo. Medicinal accounts must meet specifications of Federal Trade Commission. No foreign language programs; Foreign language population very small

Exploits new commercial programs with newspaper advertising for two or three weeks at no cost to advertiser; merchandising department co-operates in praparation of direct mail, window cards, posters etc., at actual cost of production.

REPRESENTATIVE

Free & Peters, Inc.

WOSU

COLUMBUS-EST. 1922

FREQUENCY: 570 Kc. POWER: 1000 Watts, d.: 750 Watts, n. OWNED BY: Ohio State University. OPERATED BY: Ohio State University. BUSINESS ADDRESS: Columbus. PHONE: University 148. STUDIO ADDRESS: Ohio State University Campus. TRANSMITTER LOCATION: Ohio State University. TIME ON THE AIR: 30 hours weekly. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: Standard Radio.



Personnel

POLICIES

No advertising accepted.

WHIO

"TEST STATION OF THE NATION"
"ALWAYS A GOOD SHOW ON WHIO"

DAYTON—EST. 1935

(CBS-BASIC)

FREQUENCY: 1260 Kc. POWER: 5000 Watts, d.; 1000 Watts, n. OWNED BY: Miami Valley Broadcasting Corp. OPERATED BY: Miami Valley Broadcasting Corp. BUSINESS ADDRESS: 45 S. Ludlow. PHONE: Adams 2261-2-3-4 & 2652. STUDIO ADDRESS: 45 S. Ludlow St. TRANSMITTER LOCATION: Virginia Drive & Brandt Pike. TIME ON THE AIR: 5:45 A.M. to 1:00 A.M. NEWSPAPER AFFILIATIONS: Dayton Dally News, Springfield News, Springfield Sun. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: World Broadcasting System.

Personnel

General ManagerJ. L. Reinsch
Commercial ManagerD. A. Brown
Production ManagerArch Robb
Program DirectorLester Spencer
Chief Engineer Ernest L. Adams

POLICIES

No liquor advertising nor foreign language accounts broadcast. Copy and programs must be in good taste.

Four windows fronting the WHIO building are available for advertiser's displays. Pictures of the display are furnished to the agency and account. Merchandise department maintains close check on sales of all advertisers products, arranges and designs display material, conducts surveys, contacts retailers, jobbers, and distributors. Station slogan "Test Station of the Nation" guides the building of the extensive merchandise service. Promotion on programs and products are worked out with theaters, radio shows, county fairs, etc.

REPRESENTATIVE

George P. Hollingbery Co.

WSMK

"PIONEER STATION, MIAMI VALLEY"
DAYTON—EST. 1922

FREQUENCY: 1380 Kc. POWER: 200 Watts. (C. P. for 500 Watts, d.; 250 Watts, n.) OWNED BY: WSMK, Inc. OPERATED BY: Same. BUSINESS ADDRESS: 121 N. Main PHONE: Adams 3288-9. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Calvery

Hill. TIME ON THE AIR: 6:00 A.M. to 7:30 P.M.—10:00 P.M. to 1:00 A.M. NEWS SERV-ICE: International News Service. TRANSCRIPTION SERVICE: World Broadcasting System.

Personnel

President and Station

Manager.....Stanley M. Krohn, Jr. Sales and Advertising

Manager Chester Hinkle
Chief Announcer J. McKiernan
Musical Director Helene Blue
Chief Engineer Paul Braden

POLICIES

No special policies on liquor or foreign language programs.

Merchandising: Salesman is required to work with the advertiser on a merchandising basis. By having a limited number of contacts assigned him the salesman can cover both jobs easily and intelligently.

WBLY

"VOICE OF LIMA"

LIMA—EST. 1936

FREQUENCY: 1210 Kc. POWER: 100 Watts. OWNED BY: Fort Industry Co. OPERATED BY: Herbert Lee Blye. BUSINESS ADDRESS: Lima Trust Bldg. PHONE: Main 4632. STUDIO ADDRESS: Lima Trust Bldg. TRANSMITTER LOCATION: 1424 Rice Ave. TIME ON THE AIR: 7:00 A.M. to local sunset. NEWS SERVICE: International News Service. TRANSCRIPTION SERVICE: NBC Thesaurus.

Personnel

Managing Director-Commercial

POLICIES

No liquor advertising accepted.

WPAY

"THE VOICE OF SOUTHERN OHIO"

PORTSMOUTH-EST. 1935

FREQUENCY: 1370 Kc. POWER: 100 watts. OWNED BY: Vee Bee Corp. OPERATED BY: Same. BUSINESS ADDRESS: 1007 Gallia St. PHONE: 1011. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: 821 Chillocothe St. TIME ON THE AIR: 7:00 A.M. to 10:30 P.M.; Sunday, 9:30 A.M. to 8:30 P.M. NEWS SERVICE: United Press TRANSCRIPTION SERVICE: United Press TRANSCRIPTION SERVICE: NBC Thesaurus.

Personnel

President M. F. Rubin
Vice President-General
Manager Marie W. Vandegrift
Program Director Orville Fields
Publicity Director Mary Kline
Chief Engineer Maurice Myers

POLICIES

Does not accept beer or liquor advertising; does accept foreign language accounts.

Merchandising: Merchandising man who visits stores, checking up on the sale of nationally advertised products being advertised on station, also products. Suggests more prominent ways to display these products, takes orders which he immediately delivers to the wholesaler and for which their local salesman gets full credit and helps the individual stores in any manner possible.

REPRESENTATIVE

Cox and Tanz

WSPD

"THE VOICE OF TOLEDO"

TOLEDO—EST. 1921 (NATIONAL BROADCASTING CO.)

FREQUENCY: 1340 Kc. POWER: 5000 Watts, d.: 1000 Watts, n. OWNED BY: The Fort Industry Co. OPERATED BY: The Fort Industry Co. BUSINESS ADDRESS: 505 Jefferson Ave. TRANSMITTER LOCATION: R.F.D., Perrysburg, TIME ON THE AIR: 6:30 A.M. to 1:00 A.M. NEWS SERVICE: International News Service. MAINTAINS ARTISTS' BUREAU. TRANSCRIPTION SERVICE: NBC Thesaurus, NAB Library.

Personnel

The Outstanding Merchandising Force In The Toledo Area

• Action, modernity, universal, interest, variety characterize the programs that have built for WTOL a large and intensely loyal listening audience unusually responsive to advertisers. Local distributors and merchants recognize WTOL as a powerful factor for success in any merchandising effort in the rich Northwestern Ohio and Southern Michigan markets.

THE COMMUNITY BROADCASTING CO.

Toledo, Ohio

WTOL

"TOLEDO'S FRIENDLY STATION"

Program Director and Artists'

Bureau Head......Russell Gohring Director of Publicity and

Public Relations......Merrill N. Pheatt Production Manager-

Continuity Chief Robert Richards
Musical Director Russell Gohring
Chief Engineer William Stringfellow

POLICIES

Advertising of hard liquor not accepted. Beer and light wines, no restrictions other than copy censorship. One participating Polish program weekly, and also one Hungarian program; foreign language accounts accepted. Chain Breaks between 6 and 11 P.M. must be held to a maximum of 35 words.

Any and all reasonably merchandising assistance is offered to all national advertisers. Where special assistance of an extremely costly nature is desired, arrangements as to cost-bearing will be made between the advertiser and the station. No charge for dealer checkups, contacts, distribution of promotional material, and publicity through more than fifty territorial newspapers with whom most cordial relations are maintained.

REPRESENTATIVE

John Blair & Co.

WTOL

"TOLEDO'S FRIENDLY STATION"
TOLEDO—EST. 1938

FREQUENCY: 1200 Kc. POWER: 100 Watts. OWNED BY: Frazier Reams. OPERATED BY: Community Broadcasting Co. BUSINESS ADDRESS: Penthouse, Bell Bldg. PHONE: Adams 3291-2. STUDIO ADDRESS: Same. TRANS-MITTER LOCATION: Toledo. TIME ON THE AIR: 6:00 A.M. to local sunset; Sundays, 8:00 A.M. to local sunset. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: Associated.

Personnel

President Frazier Reams
Commercial and Station Mgr. M. E. Kent
Program Director Sterling Deeson
Chief Announcer Jack Zeigin
Chief Engineer Frank Ridgeway

WFMJ

YOUNGSTOWN-EST. 1938

FREQUENCY: 1420 Kc. POWER: 100 Watts. OWNED BY: William F. Magg, Jr. OPERATED BY: Same. BUSINESS ADDRESS: Youngstown. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: Daytime License.

*Station was licensed to operate under a C. P. No further information was available at time of going to press.

WKBN

YOUNGSTOWN-EST, 1926

CBS

FREQUENCY: 570 Kc. POWER: 1000 Watts, d.; 500 Watts, n. OWNED BY: WKBN Broadcasting Corp. OPERATED BY: Same. BUSINESS ADDRESS: 17 No. Champion St. PHONE: 42122. STUDIO ADDRESS: Same. TRANSCRIPTION LOCATION: Sunset Blvd. TIME ON THE AIR: 7:30 A.M. to 12:00 midnight. NEWSPAPER AFFILIATION: Cleveland Plain Dealer. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICES: World Broadcasting System, NAB Library and Lang-Worth.

Personnel

President and Gen. Mgr. W. P. Williamson, Jr.
Station DirectorJ. L. Bowden
Sales Manager E. E. Evans
Publicity and Musical DirectorG. Davidson
Chief EngineerB. T. Wilkins

POLICIES

Accepts liquor after 10:00 p.m. Merchandising to clients at cost.

> REPRESENTATIVE Free & Peters

WALR

"THE VOICE OF SOUTH EASTERN OHIO"

ZANESVILLE—EST, 1924

FREQUENCY: 1210 Kc. POWER: 100 Watts. OWNED BY: WALR Broadcasting Corp. OPERATED BY: WALR Broadcasting Corp. BUSI. NESS ADDRESS: 17½ So. Fourth St. PHONE: 5044. STUDIO ADDRESS: 17½ So. Fourth St. TRANSMITTER LOCATION: Zanesville. TIME ON THE AIR: 7:00 A.M. to 12:00 midnight. NEWS SERVICE: United Press. MAINTAINS ARTISTS' BUREAU. TRANSCRIPTION SERVICE: Standard Radio.

Personnel

Secretary-General	
Manager	Ronald B. Woodyard
Chief Announcer	Marc McCullough
Production Manager	King Whyte
Chief Engineer	

POLICIES

No special policies or restrictions. Has full merchandising service.

> REPRESENTATIVE Weed & Co.

OKLAHOMA:

Population 2,548,000

Number of Families 619,000

Number of Radio Homes 454,300

Retail Sales \$434,793,000

Auto Registrations 447,000

KADA

"IN OKLAHOMA'S FASTEST GROWING

ADA-EST. 1934

MUTUAL—OKLAHOMA NETWORK FREQUENCY: 1200 Kc. POWER: 100 Watts. OWNED BY: Dr. C. C. Morris. OPERATED BY: Dr. C. C. Morris. BUSINESS ADDRESS: 115½ S. Rennie. PHONE: 1212. STUDIO ADDRESS: 115½ S. Rennie. TRANSMITTER LOCATION: N. Broadway. TIME ON THE AIR: 7:00 A.M. to 12:00 midnight. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: World

Personnel

Broadcasting System.

Owner	Offis
Station and Commercial	
ManagerJohn M. Whi	itney
Chief Announcer and	
Publicity Director Russell M	Tiller
Sales ManagerGene B	aker
Chief EngineerLeiland	Seay

POLICIES

No beer or liquor advertising accepted. No Sunday advertising (locally).. No market for foreign language programs.

Poster service is used to draw attention to programs.

REPRESENTATIVE

Joseph Hershey McGillyra

KVSO

"VOICE OF SOUTHERN OKLAHOMA"

ARDMORE—EST. 1935

MUTUAL-OKLAHOMA NETWORK

FREQUENCY: 1210 Kc. POWER: 250 Watts, d.: 100 Watts, n. OWNED BY: Ardmoreite Pub. Co. OPERATED BY: Ardmoreite Pub. Co. BUSINESS ADDRESS: 114-18 N. Washington. PHONE: 2200. STUDIO ADDRESS: Chicksaw and N. W. Blvd. TIME ON THE AIR: 7:00 A.M. to 11:00 P. M. NEWSPAPER AFFILIATION: Daily Ardmoreite. NEWS SER-

VICE: Associated Press (Non-Commercial). TRANSCRIPTION SERVICE: NBC Thesaurus.

Personnel

General ManagerAlbert	Riesen
Station ManagerJames	Griffin
Commercial ManagerWilbur	Choffin
Chief AnnouncerPaul	Duncan
Musical DirectorDolly	y Dutton
Chief EngineerPd	tul Ross

POLICIES

As per state law, accepts beer and wine only.

REPRESENTATIVE

Joseph Hershey McGillvra

KASA

ELK CITY-EST, 1932

MUTUAL

FREQUENCY: 1210 Kc. POWER: 100 watts. OWNED BY: E. M. Woody. OPERATED BY: E. M. Woody. BUSINESS ADDRESS: Casa Grande Hotel. PHONE: 730. STUDIO ADDRESS: Elk City. TRANSMITTER LOCATION: Casa Grande Hotel. TIME ON THE AIR: 6:30 A.M. to 9:00 P.M. NEWS SERVICE: Transradio Press.

Personnel

President and Station Manager. .E. M. Woody Chief Announcer and

Advertising Manager.....Lyman Brown Chief Engineer......Geo. Patterson

POLICIES

No advertising for liquor or beers of more than 3.2 content are allowed in Oklahoma. Does not accept any foreign language accounts or programs.

KCRC

"OKLAHOMA'S MOST AGGRESSIVE STATION"

ENID-EST. 1928

MUTUAL and OKLAHOMA NETWORK

FREQUENCY: 1360 Kc. POWER: 250 Watts. OWNED BY: Enid Radiophone Co. OPERATED BY: Enid Radiophone Co. BUSINESS ADDRESS: Willow & Kennedy Sts. PHONE: 447-8. STUDIO ADDRESS: Willow & Kennedy Sts. TRANSMITTER LOCATION: Willow & Kennedy Sts. TIME ON THE AIR: 6:30 A.M. to 11:00 P.M. NEWSPAPER AFFILIATIONS: Enid Morning News, Enid Daily Eagle. NEWS SERVICE: Associated Press (Non-Commercial). MAINTAINS ARTISTS' BUREAU. TRANSCRIPTION SERVICES: Transco and World Broadcasting System.

Personnel

President	M.	C.	Garber
Station Manager.	Milton	В.	Garber
Advertising Mana	gerJames	S.	Stuart

Artists' Bureau Head	Ralph Rogers
Sales Manager	H. P. Hale
Publicity Director	Glen Williams
Musical Director	Mabel Waken
Chief Engineer	A. B. Clopton

POLICIES

No special restrictions. Accepts beer and wine only as per state law.

Features merchandising: News stories in both Enid dailies—Show Cards in stores. Dealer contacts throughout territory and Direct Mail. etc.

REPRESENTATIVE

Joseph Hershey McGillvra

KBIX

MUSKOGEE-EST, 1936

MUTUAL-OKLAHOMA NETWORK

FREQUENCY: 1500 Kc. POWER: 100 Watts. OWNED BY: Oklahoma Press Pub. Co. OPERATED BY: Same. BUSINESS ADDRESS: Barnes Bldg. PHONE: 302. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 7:00 A.M. to 12:00 midnight. NEWSPAPER AFFILIATION: Phoenix-Times Democrat. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: World Broadcasting System.

Personnel

Vice-PresidentTam	Bixby, Jr.
Commercial ManagerFrankli	n Rough
Chief EngineerLester	Harlow

POLICIES

Does not accept liquor advertising. Will accept beer and light wines.

REPRESENTATIVE

The Branham Co.

WNAD

"THE VOICE OF SOONERLAND"

NORMAN-EST, 1922

FREQUENCY: 1010 Kc. POWER: 1000 Watts. OWNED BY: University of Oklahoma. OPERATED BY: University of Oklahoma (extension division). BUSINESS ADDRESS: University of Oklahoma. PHONE: 900 — Stations, 18 and 124. STUDIO ADDRESS: University of Oklahoma. TRANSMITTER LOCATION: University of Oklahoma. TRANSMITTER LOCATION: University of Oklahoma. TIME ON THE AIR: Tuesday and Thursday—10:30 to 11:30 A.M.—2:00 to 4:00 P.M.—7:15 to 9:15 P.M.: Wednesday—10:30 to 11:30 A.M.—2:00 to 4:00 P.M.—8:15 to 9:15 P.M. NEWS SERVICE: Local Campus news through courtesy of the "Oklahoma Daily," Christian Science Monitor. TRANSCRIPTION SERVICE: World Broadcasting.

Personnel

Station	Director	Homer	Heck
Director	of Production	н. н.	Leake
Chief E	ngineer	Cecil	Gray

POLICIES

The station is strictly an educational station and permits no commercial advertising of any sort. Other than this, there are no other restrictions.

KOCY

OKLAHOMA CITY—EST. 1923

FREQUENCY: 1310 Kc. POWER: 250 Watts, d.; 100 Watts, n. OWNED BY: Plaza Court Broadcasting Co. OPERATED BY: Plaza Court Broadcasting Co. BUSINESS ADDRESS: Plaza Court. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Oklahoma City. TIME ON THE AIR: 6:45 A.M. to 12:00 midnight. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: Lang-Worth, Associated, NAB Library, C. P. MacGregor.

Personnel

POLICIES

Advertising of alcoholic beverages not accepted, excepting beer and wine. All advertising subject to approval of station management; religious programs must be okayed by Ministerial Alliance before acceptance.

KOMA

"IT'S THE PROGRAM THAT GETS THE LISTENER"

"OKLAHOMA CITY'S MOST POWERFUL FULL-TIME STATION"
"SERVING THE PUBLIC INTEREST"

OKLAHOMA CITY—EST. 1932 (as KFJF—1923)

COLUMBIA BROADCASTING SYSTEM

FREQUENCY: 1480 Kc. POWER: 5000 Watts. OWNED BY: KOMA, Inc. OPERATED BY: Same. BUSINESS ADDRESS: Biltmore Hotel. PHONE: 2-3291-2-3. STUDIO ADDRESS: Biltmore Hotel. TRANSMITTER LOCATION: 7½ miles N. E. of Oklahoma City on Highway No. 66. TIME ON THE AIR: 6:30 A.M. to Midnight (daily): 8:00 A.M. to midnight (Sunday), NEWS SERVICE: International News Service. TRANSCRIPTION SERVICE: World Broadcasting System.

Personnel

PresidentJ. T. Griffin
Station ManagerWaymond Ramsey
Sales Promotion ManagerHerman Chaney
Program Director
AccountantL. A. Goddeau
Musical DirectorWilliam I. Salathe
Chief Engineer

POLICIES

No liquor advertising—only beer and light wines (3-2/10 per cent). No foreign language accounts.

Merchandising: Sales promotion department offers complete facilities to clients.

REPRESENTATIVE

International Radio Sales

КТОК

"YOUR MUTUAL FRIEND"

OKLAHOMA CITY—EST. 1927

NBC-BLUE

MUTUAL—OKLAHOMA NETWORK FREQUENCY: 1370 Kc. POWER: 100 Watts. OWNED BY: Oklahoma Broadcasting Co., Inc. OPERATED BY: Harold V. Hough. BUSINESS ADDRESS: 1800 W. Main. PHONE: 3-8352-3. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 6:00 A.M. to 12:30 A.M. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: Standard Radio Library.

Personnel

President	Harold V. Hough
Station Manager	Kenyon M. Douglass
Commercial Manager	
Program Director	Paul Hughes
Publicity Director	Paul Buenning
Chief Engineer	Bernard Tullius

POLICIES

Accepts beer advertising.

Maintains complete merchandising service.

REPRESENTATIVE

Joseph Hershey McGillvra

WKY

OKLAHOMA CITY—EST. 1920 NATIONAL BROADCASTING COMPANY

FREQUENCY: 900 Kc. POWER: 5000 Watts, d.: 1000 Watts, n. OWNED BY: Oklahoma Pub. Co. OPERATED BY: WKY Radiophone Co. BUSINESS ADDRESS: Skirvin Tower. PHONE: 3-4306—5-4406. STUDIO ADDRESS: Skirvin Tower. TRANSMITTER LOCATION: Nine miles out on highway No. 66. TIME ON THE AIR: 6:00 A.M. to midnight. NEWSPAPER AFFILIATIONS: The Daily Oklahoman, Oklahoma City Times. NEWS SERVICE: Associated Press (Non-Commercial). TRANSCRIPTION SERVICES: NBC Thesaurus, Standard Supplementary Library. MAINTAINS ARTISTS' BUREAU.

Personnel

PresidentE. K. Gaylord
General ManagerEdgar T. Bell
Station Manager
Commercial ManagerR. E. Chapman
Chief AnnouncerPerry Ward
Special Events DirectorJohn C. Shafer
Musical DirectorAllan Clark
Chief EngineerEarl C. Hull

A Record in MAIL PULL and MERCHANDISING

Calls on While the White Publicity.

Publicity.

Displays and Special and Spec

One of America's biggest buyers of spot broadcasting included KVOO on a list of 55 leading stations. using a 15-minute daylime script show, five days weekly. An offer was made, requiring the mailing of a carton front. Here is what the agency Account Executive said about KVOO's merchandising activity and subsequent report:

"I do not know when I have seen a more complete and comprehensive presentation of merchandising co-operation . . .

"... in so proudly displaying your co-operative material, it was presented as a model of its kind.

"... present returns on the offer show XV00 in third place on the basis of actual numerical returns. While your merchandising co-operation has always been excellent, perhaps this outstanding effort has something to do with the ranking."

This is but one of many letters from satisfied advertisers on KVOO. With the most power, the greatest audience and full-time services from both (choice of IN R.C. networks, the logical buy in Oklahoma is KVOO. in Tulsa, the Oil Capital of the World.

KVOO

EDWARD PETRY & COMPANY

25,00<u>0 WATTS</u>
BOTH N. B. C.
NETWORKS

TULSA

POLICIES

No liquor advertising. No crystal gazers. Rigid censorship on medicinal advertising.

Special merchandising and exploitation includes: sixty-inch display advertisements each Saturday and Sunday in the Oklahoma City Times and Sunday Oklahoman—Daily column of radio schedule in Oklahoman and Times—Publicity and radio column in Oklahoma Farmer-Stockman—Stories in Oklahoman Retail Times.

REPRESENTATIVE

The Katz Agency

KHBG

"OKMULGEE, THE SHOPPING CENTER OF EASTERN OKLAHOMA"

OKMULGEE-EST. 1937

FREQUENCY: 1210 Kc. POWER: 100 Watts. OWNED BY: Okmulgee Broadcasting Corp. OPERATED BY: Okmulgee Broadcasting Corp. BUSINESS ADDRESS: Parkinson Hotel. PHONE: 3646. STUDIO ADDRESS: Parkinson Hotel. TRANSMITTER LOCATION: 20th and S. Okmulgee Sts. TIME ON THE AIR: 6:30 A.M. to local sunset. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: Standard Radio.

Personnel

President	Harry B. Greaves
Secretary-Treasurer & Ger	ieral -
Manager	T. R. Putnam
Program Director	D. W. Hosington
Musical DirectorV	Vella Jean Buchanan
Chief Engineer	A. F. Schultz

POLICIES

Accepts beer and wine accounts only as per state law.

Merchandising: Station furnishes dealer tie-ins on advertising accounts. Service includes direct mail follow-up on all national accounts, personal visits to retail outlets handling products advertised over station.

WBBZ

PONCA CITY-EST, 1928

MBS-OKLAHOMA NETWORK

FREQUENCY: 1200 Kc. POWER: 250 Watts, d.; 100 Watts, n. OWNED BY: Estate of C. L. Carrell. OPERATED BY: Same. BUSINESS ADDRESS: 615 West Grand Ave. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Ponca City. TIME ON THE AIR: 7:00 A.M. to 11:00 P.M. TRANSCRIPTION SERVICE: Standard Radio.

Personnel

Managing DirectorA. L. Carrell

POLICIES

Advertising of alcoholic beverages not accepted, excepting beer and wine.

Merchandising: Station furnishes merchandising facilities.

REPRESENTATIVE

Joseph Hershey McGillvra

KGFF

"THE MORNING NEWS-EVENING STAR STATION"

SHAWNEE—EST. 1927

MUTUAL and OKLAHOMA NETWORK

FREQUENCY: 1420 Kc. POWER: 250 watts, d.: 100 watts, n. OWNED BY: KGFF Broadcasting Co., Inc. OPERATED BY: KGFF Broadcasting Co., Inc. BUSINESS ADDRESS: Aldridge Hotel. PHONE: 4390. STUDIO ADDRESS: Aldridge Hotel. TRANSMITTER LOCATION: Shawnee Country Club. TIME ON THE AIR: 7:00 A.M. to midnight. NEWSPAPER AFFILIATIONS: Shawnee Morning News, Shawnee Evening Star, Stauffer Publications, Inc. NEWS SERVICES: United Press, Associated Press (Non-Commercial). TRANSCRIPTION SERVICES: Titan.

Personnel

President	.Oscar Stauffer
Vice-President	Ross Porter
General Manager	.Joseph W. Lee
Commercial Manager	.Joseph W. Lee
Chief Announcer	.Frank Jackson
Sales Manager	Ross Porter
Publicity Director	Maxine Eddy
Chief Engineer	John Molloy

POLICIES

Beer accounts acceptable. Foreign language acceptable but audience negligible. All programs must be in good taste.

Sales staff capable of window display work. Local dealer contacts made and report made to client of dealer's opinion. Newspaper tie-up considered valuable in this respect.

REPRESENTATIVE

Joseph Hershey McGillyra

KOME

"KOVERS OKLAHOMA'S MAGIC EMPIRE"

TULSA-EST. 1938

MUTUAL BROADCASTING SYSTEM—OKLAHOMA NETWORK

FREQUENCY: 1310 Kc. POWER: 250 watts. OWNED BY: Harry Schwartz. OP-ERATED BY: Harry Schwartz. BUSINESS ADDRESS: Radio Bldg., 910 S. Boston. PHONE: 3-4121. STUDIO ADDRESS: Radio Bldg.; Berryhill Bldg., Sapulpa. PHONE: 462. TRANSMITTER LOCATION: 3904 S. Newport, Tulsa. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: Standard Radio.

Personnel

President	Натту	Schwartz
Vice President-General		
Manager	Glen	n Condon

Vice President-Commercial		
Manager	. Harold	Grimes
Program Director	R. H.	Latting
Musical Director	Doroth	y Doan
Continuity Chief	James	Fuson
Manager of Sapulpa Studio	Jimmie	Wilson
Chief EngineerJames F. Manship		
POLICIES		

No liquor advertising.

REPRESENTATIVE

Joseph Hershey McGillyra

"THIS IS YOUR FRIENDLY COLUMBIA STATION IN TULSA"

TULSA—EST. 1934

COLUMBIA BROADCASTING SYSTEM

FREQUENCY: 1400 Kc. POWER: 5000 watts, d.; 1000 watts, n. OWNED BY: J. T. Griffin. OPERATED BY: Tulsa Broadcasting Co., Inc. BUSINESS ADDRESS: Boston St. PHONE: 4-8188. STUDIO AD-DRESS: Same. TRANSMITTER LOCATION: 5 miles north on Lewis Ave. TIME ON THE AIR: (daily) 6:30 A.M. to 12:15 A.M.; (Saturday) 6:30 A.M. to 12:30 A.M.; (Sunday) 7:00 A.M. to 12:15 A.M. NEWS SERVICE: United TRANSCRIPTION SERVICES: NBC Press Thesqurus.

5000 WATTS 1000 WATTS NIGHT

TULSA, OKLAHOMA

. . . If Your Story is Well Told . . . Your Product is Quickly Sold

NEW TRANSMITTER NEW VERTICAL RADIATOR

Wm. C. Gillespie Station Manager, KTUL 320 S. Boston St., Tulsa, Oklahoma

Personnel

President
Vice President-General
Manager
Director of AdvertisingLawson Taylor
Program DirectorVic Rugh
Continuity ChiefRay Sollars
Local Sales ManagerLawson Taylor
Promotion & Publicity
DirectorJohn Esqu
Chief Engineer Nathan Wilcox

POLICIES

Accepts beer accounts only. No sizeable foreign population for foreign language programs. Policies subscribed to are those outlined by the NAB and CBS. All copy must meet restrictions imposed by public taste before accepted.

Complete merchandising facilities in every phase of product and program promotion. Merchandising and exploitation includes: letters to dealers; posters distributed; special plugs on the air; newspaper publicity, and surveys conducted.

REPRESENTATIVE

Free & Peters, Inc.

"THE MOST POWERFUL STATION BE-TWEEN ST. LOUIS, DALLAS AND DENVER"

TULSA—EST, 1926

NATIONAL BROADCASTING COMPANY

FREQUENCY: 1140 Kc. POWER: 25,000 Watts. OWNED BY: Southwestern Sales Corp. OPERATED BY: Southwestern Sales Corp. BUSINESS ADDRESS: Tulsa. PHONE: 2-2254. STUDIO ADDRESS: Philtower. TRANSMIT-TER LOCATION: 11 miles east of Tulsa, Highway 66. TIME ON THE AIR: Unlimited Schedule. NEWS SERVICES: International News Service. TRANSCRIPTION SERVICE: World Broadcasting System.

Personnel

President	P. Q. Procter
Vice President-General	
Manager	William B. Way
Commercial Manager	Willard Egolf
Production Manager	Norvell Slater
Station Manager	William B. Way
Publicity Director	Ken Miller
Chief Engineer	L. W. Stinson

POLICIES

Beer advertising accepted.

Maintains merchandising department with standard services which include calls on wholesalers and retailers, form letters and mailings to the trade, publicity in newspapers, display cabinet, photograph boards, etc.

REPRESENTATIVE

Edward Petry & Company (See Page 348)

OREGON=

Population 1,027,000

Number of Families 299,000

Number of Radio Homes 285,400

Retail Sales \$335,851,000

Auto Registrations 299,423

KAST

"VOICE OF LOWER COLUMBIA"

ASTORIA—EST. 1935

FREQUENCY: 1370 Kc. POWER: 100 watts (C. P., 250 watts, d.; 100 watts, n.). OWNED BY: Astoria Broadcasting Co. OPERATED BY: Astoria Broadcasting Co. BUSINESS ADDRESS: Hotel Astoria. PHONE: 95. STUDIO ADDRESS: Hotel Astoria. TRANSMITTER LOCATION: Hotel Astoria. TIME ON THE AIR: 100 A.M. to sunset. NEWSPAPER AFFILIATION: Astorian-Budget. NEWS SERVICES: Famous Dorana, World Broadcasting System.

Personnel

President	. M. R. Chessman
Station Manager	.James C. Wallace
Commercial Manager	.Frank E. Marrion
Musical Director	Sylvia Chandler
Chief Engineer	Lawrence King

POLICIES

As per Oregon state law—No liquor advertising on radio. Accepts foreign language programs.

Gives merchandising cooperation and assistance to all advertisers.

REPRESENTATIVES

Cox & Tanz and Walter Biddick

KBKR*

BAKER—EST. 1938

FREQUENCY: 1500 Kc. POWER: 250 watts, d.; 100 watts, n. OWNED BY: Louis P. Thornton. OPERATED BY: Same. BUSINESS ADDRESS: Baker. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Near Baker. TIME ON THE AIR: Full Time License.

KBND

"COVERING THE VAST CENTRAL OREGON MARKET"

BEND-EST. 1938

FREQUENCY: 1310 Kc. POWER: 250 watts, d.; 100 watts, n. OWNED BY: The Bend Bul-

letin. OPERATED BY: The Bend Bulletin. BUSINESS ADDRESS: The Pilot Butte Inn. PHONE: 848. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 7:00 A.M. to 9:00 P.M. NEWSPAPER AFFILIATION: The Bend Bulletin. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: NBC Thesaurus.

Personnel

General Manager	.Robert W.	Sawyer
Commercial Manager	Chet	Wheeler
Chief Technician	Stanton	Bennett

POLICIES

Station furnishes complete merchandising facilities,

KOAC

CORVALLIS-EST, 1922

FREQUENCY: 550 Kc. POWER: 1000 watts. OWNED BY: Oregon State Agricultural College. OPERATED BY: Oregon State Agricultural College. BUSINESS ADDRESS: Corvallis. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 9:00 A.M. to 9:00 P.M.

Personnel

Director ... Luke L. Roberts
Chief Engineer ... Grant S. Feikert

POLICIES

Station does not sell time.

Program and talent are planned and developed by experienced full-time radio workers who are drawn from state eductational institutions.

KORE

EUGENE—EST. 1927

MBS—DON LEE BROADCASTING SYSTEM FREQUENCY: 1420 Kc. POWER: 100 Watts. OWNED BY: Eugene Broadcast Station. OPERATED BY: Eugene Broadcast Station. BUSINESS ADDRESS: 731 Willamette St. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Eugene. TIME ON THE AIR: 7:00 A.M. to 12:00 midnight; Sunday, 10:00 A.M. to 12:00 midnight. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: C. P. MacGregor.

^{*}Station was licensed to operate under a C. P. and no further information was available at time of going to press.

Personnel

General ManagerFrank	L. Hill
Station ManagerGlenn Mc	Cormick
Chief Engineer	Gander

POLICIES

Advertising of alcoholic beverages accepted in programs of fifteen minutes or over.

REPRESENTATIVE

John Blair & Co.

KFJI

KLAMATH FALLS-EST. 1928

FREQUENCY: 1210 Kc. POWER: 100 Watts.
OWNED BY: KFJI Broadcasters, Inc. OPERATED BY: Same. BUSINESS ADDRESS:
Willard Hotel Bldg. PHONE: 2125. STUDIO
ADDRESS: Same. TRANSMITTER LOCATION:
Same. TIME ON THE AIR: 7:00 A.M. to 10:00
P.M. NEWS SERVICE: International News
Service. TRANSCRIPTION SERVICES: World
Broadcasting System, C. P. MacGregor.

Personnel

PresidentJ. A. Kincaid
Station & Commercial ManagerGeo. Kincaid
Chief AnnouncerJack Keating
Sales Manager
Chief EngineerJoe Carroll

REPRESENTATIVE

Cox & Tanz

KLBM

LA GRANDE—EST, 1937

FREQUENCY: 1420 Kc. POWER: 250 Watts, d.; 100 Watts, n. OWNED BY: Harold M. Finlay and Mrs. Eloise Finlay. OPERATED BY: Harold M. Finlay. BUSINESS ADDRESS: La Grande. PHONE: 220. STUDIO ADDRESS: Same. TRANSMITTER LOCATION. Near La Grande. TIME ON THE AIR: Full Time License. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: NBC Thesaurus.

Personnel

KOOS

"SOUTHWESTERN OREGON STATION"
"THE VOICE OF COOS BAY"

MARSHFIELD-EST, 1928

MBS-DON LEE BROADCASTING SYSTEM

FREQUENCY: 1200 Kc. POWER: 250 Watts, d.: 100 Watts, n. OWNED BY: KOOS, lnc. OPERATED BY: KOOS, Inc. BUSINESS ADDRESS: Hall Bldg. PHONE: 432, 433. STUDIO ADDRESS: Hall Bldg. TRANSMITTER LOCATION: Hall Bldg. TIME ON THE AIR: 7:00 A.M. to 10:30 P.M. (PST). NEWSPAPER AFFILIATIONS: Coos Bay Times. NEWS SERVICE: United Press.

Personnel

PresidentSheldon F.	Sackett
Station Manager	B. Toles
Commercial ManagerBen	E. Stone
Chief AnnouncerChester	Wheeler
Program DirectorRoger	Spaugh
Chief EngineerPaul	Spargo

POLICIES

No hard liquor, wines or beer during certain hours. All such advertising subject to strict regulation and restrictions and station approval.

Renders reasonable merchandising cooperation at all times and will contact merchants in immediate vicinity in Marshfield and North Bend without cost to the advertiser.

REPRESENTATIVE

Walter Biddick (Pacific Coast)

KMED

MEDFORD—EST, 1926

NATIONAL BROADCASTING CO. (RED OR BLUE)

FREQUENCY: 1410 Kc. POWER: 250 Watts. OWNED BY: Mrs. W. J. Virgin. OPERATED BY: Mrs. W. J. Virgin. BUSINESS ADDRESS: Sparta Bldg., Main and Riverside. PHONE: 305. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Ross Lane. TIME ON THE AIR: Full Time License (95 hours weekly). NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: Standard Radio.

Personnel

Commercial ManagerL. P. Bisho
Sales Manager
Program DirectorRaymond Scot
Traffic Manager
Chief Engineer

POLICIES

Advertising of alcoholic beverages not accepted, excepting beer and wine.

Merchandising: Station provides pre-publicity for all new programs and cooperates with national and regional advertisers in opening up new retail accounts.

REPRESENTATIVE

Free and Peters

KALE

PORTLAND—EST. 1924

MUTUAL-DON LEE BROADCASTING SYSTEM PACIFIC BROADCASTING CO.

FREQUENCY: 1300 Kc. POWER: 1000 Watts. OWNED BY: KALE, Inc. OPERATED BY: Same. BUSINESS ADDRESS: New Heathman Hotel. PHONE: At. 7209. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Weatherly Bldg. TIME ON THE AIR: 6:15 A.M. to 12:15 A.M. NEWSPAPER AFFILIATION: The Oregon Journal. NEWS SERVICE: International News Service. MAINTAINS ARTISTS BUR-

EAU. TRANSCRIPTION SERVICES: NAB Library, Lang-Worth, World Broadcasting System, and Associated Music.

Personnel

President	C. Roy Hunt
Vice-President	S. R. Winch
Secretary-Treasurer	.C. W. Meyers
Station Manager	.Ted Kooreman
Sales Manager	Charles Couche
Program Director	Johnnie Walker
Publicity Director	Lester Halpin
Chief EngineerL	ouis Bookwalter

POLICIES

Advertising of alcoholic beverages not accepted. No foreign language accounts excepts those of a religious nature. No medical programs.

Merchandising: Monthly merchandising publication "Radio Advertiser" sent to 4000 retailers in market area. Commercial programs publicized in each issue.

REPRESENTATIVE

Free & Peters, Inc.

KBPS

PORTLAND-EST, 1923

FREQUENCY: 1420 Kc. POWER: 100 watts. OWNED BY: Student Body Benson Polytechnic School. OPERATED BY: Same. BUSINESS ADDRESS: 546 N. E. 12th Ave. PHONE: EA 8131-2. STUDIO ADDRESS: Same. TRANS-MITTER LOCATION: Same. TIME ON THE AIR: 11:00 A.M. to 12:30—3:00 to 5:00 P.M. (each school day).

Personnel

Mon-commercial outlet.

KĖX

PORTLAND—EST. 1926

NBC (Blue Network)—NORTHWEST TRIANGLE FREQUENCY: 1180 Kc. POWER: 5000 Watts. OWNED BY: Oregonian Pub. Co. (Lessee). OPERATED BY: Oregonian Pub. Co. BUSINESS ADDRESS: The Oregonian Bldg., 6th and Alder Sts. PHONE: Atwater 2121. STUDIO ADDRESS: 801 Oregonian Bldg. TRANSMITTER LOCATION: North Portland. TIME ON THE AIR: (daily) 6:30 A.M. to 12:00 midnight: (Sunday) 8:00 A.M. to 12:00 midnight. NEWSPAPER AFFILIATIONS: The Oregonian. NEWS SERVICES: Transradio Press. International News Service. TRANSCRIPTION SERVICE: NBC Thesaurus.

Personnel

Station Manager
Sales ManagerPaul Connet
Traffic ManagerRalph Greer
Publicity Director H. Q. Cox
Program Director Barney Miller
Chief Engineer Harold Singleton

POLICIES

Advertising of alcoholic beverages not accepted, excepting beer and wine after 10:00 P.M. with the omission of Sunday. Medicinal accounts subject to approval of station management. No foreign language programs accepted.

A limited amount of merchandising cooperation—monthly merchandising paper, and usual station promotion.

REPRESENTATIVE

Edward Petry & Co., Inc.

ΚĠW

"WHEN YOU THINK RADIO, THINK KGW"

PORTLAND-EST. 1922

NBC (Red Network)—NORTHWEST TRIANGLE FREQUENCY: 620 Kc. POWER: 5000 Watts, d.; 1000 Watts, n. OWNED BY: Oregonian Pub. Co. OPERATED BY: Oregonian Pub. Co. BUSINESS ADDRESS: The Oregonian Bldg., 6th & Alder Sts. PHONE: Atwater 2121. STUDIO ADDRESS: 801 Oregonian Bldg. TRANSMITTER LOCATION: North Portland. TIME ON THE AIR: (daily) 7:00 A.M. to midnight: (Sunday) 8:00 A.M. to 12:00 midnight. NEWSPAPER AFFILIATION: The Oregonian. NEWS SERVICES: Transradio Press, International News Service. TRANSCRIPTION SERVICE: NBC Thesaurus.

Personnel

Station Manager	. Carey Jennings
Sales Manager	Paul Connet
Traffic Manager	Ralph Greer
Publicity Director	H. Q. Cox
Program Director	Barney Miller
Chief Engineer	Harold Singleton

POLICIES

No alcoholic beverages before 10:00 P.M. Medicinal accounts subject to approval of station management. No foreign language programs accepted.

A limited amount of merchandising cooperation—monthly merchandising paper, and usual station promotion.

REPRESENTATIVE

Edward Petry & Co., Inc.

KOIN

PORTLAND—EST. 1925

COLUMBIA BROADCASTING SYSTEM FREQUENCY: 940 Kc. POWER: 5000 Watts, d.: 1000 Watts, n. OWNED BY: KOIN, Inc. OPERATED BY: KOIN, Inc. BUSINESS ADDRESS: New Heathman Hotel. PHONE: Atwater 3333. STUDIO ADDRESS: New Heathman Hotel. TRANSMITTER LOCATION: Sylvan. TIME ON THE AIR: 6:30 A.M. to midnight, MAINTAINS ARTISTS' BUREAU. NEWS-PAPER AFFILIATIONS: The Oregon Journal. NEWS SERVICE: United Press, International News Service. TRANSCRIPTION SERVICES: Associated Music Publishers, World Program

Library, Standard Radio, Lang-Worth Public Domain, NAB Library.

Personnel

President
Station Manager
Promotion Manager
Artists' Bureau HeadJohnnie Walker
Chief AnnouncerStanley Church
Sales Manager
Publicity DirectorLester Halpin
Musical DirectorJoseph Sampietro
Technical DirectorLouis Bookwalter

POLICIES

No advertising of alcoholic beverages accepted. No medical advertising or foreign language accounts accepted.

Monthly merchandising publication, "The Radio Advertiser," mailed to 4,000 retailers in primary coverage area. All network and national spot programs receive publicity in every issue.

REPRESENTATIVE

Free & Peters, Inc. World Broadcasting System

KWJJ

"THE VOICE FROM BROADWAY, OREGON'S LARGEST INDEPENDENT STATION"

PORTLAND—EST. 1927

FREQUENCY: 1040 Kc. POWER: 500 Watts. OWNED BY: KWJJ Broadcasting Co., Inc. OPERATED BY: KWJJ Broadcasting Co., Inc. BUSINESS ADDRESS: 622 S. W. Salmon St. PHONE: Atwater 4393-4. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Oaks Park. TIME ON THE AIR: 6:00 A.M. to local sunset—9:00 P.M. to 3:00 A.M. NEWS SERVICE: International News Service.

Personnel

President	Wilbur J. Jerman
Secretary-Treasurer &	General
Manager	John C. Egan
Commercial Manager.	L. D. Henderson
Chief Engineer	

POLICIES

Accepts only beers and wines liquor accounts. Also accepts foreign language programs.

KXL

PORTLAND—EST. 1926

FREQUENCY: 1420 Kc. POWER: 250 Watts, d.; 100 Watts, n. OWNED BY: KXL Broadcasters. OPERATED BY: Same. BUSINESS ADDRESS: KXL Bldg. PHONE: Broadway 6451. STUDIO ADDRESS: KXL Bldg. TIME ON THE AIR: 6:00 A.M. to midnight. NEWS SERVICE: United Press.

Personnel

Presid	ent	αr	ıd	C	àε	T	e	rc	ıl							
Mar	nage	F									٠.	T.	W.	Sym	ons,	Jr.
Chief	Enc	ain		91									R	alph	Miff	lin

POLICIES

No foreign language accounts accepted. Merchandising service at cost.

REPRESENTATIVE

Gene Furgason & Co.

KRNR

"VOICE OF UMPQUA VALLEY" ROSEBURG—EST. 1935

MUTUAL—DON LEE

FREQUENCY: 1500 Kc. POWER: 250 Watts.

OWNED BY: News Review Co. OPERATED
BY: Same. BUSINESS ADDRESS: Hotel
Umpqua. PHONE: No. 4. STUDIO ADDRESS: Hotel Umpqua. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 7:00
A.M. to 10:00 P.M. (unlimited license). NEWSPAPER AFFILIATION: Roseburg News Review. NEWS SERVICE: Associated Press
(non - commercial). TRANSCRIPTION SERVICE: Titan.

Personnel

POLICIES

No advertising of beer and wine accepted. No foreign population. Station reserves censorship right, in interests of decency and entertainment value.

Full merchandising service thru station merchandising department.

REPRESENTATIVE

John Blair & Co.

KSLM

SALEM-EST, 1934

MBS-DON LEE BROADCASTING SYSTEM PACIFIC BROADCASTING CO.

FREQUENCY: 1370 Kc. POWER: 100 watts (C. P. 500 watts on 1360 Kc.). OWNED BY: Oregon Radio, Inc. OPERATED BY: Oregon Radio, Inc. BUSINESS ADDRESS: 343 Court St. PHONE: 6131. STUDIO ADDRESS: 343 Court St. TRANSMITTER LOCATION: half mile from city limits. TIME ON THE AIR: 7:00 A.M. to midnight. NEWSPAPER AFFILIATION: Morning Statesman. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: Standard Radio.

Personnel

President	. B. Read
Commercial ManagerH	. B. Read
Artists' Bureau HeadDwid	ght Hoxie
Chief AnnouncerDwig	th Hoxie
Station Manager	. B. Read
Publicity DirectorClar	ice Kolbe
Musical Director	Johnston
Chief EngineerClyde	Werzart

POLICIES

No liquor, beer or wine until afternoon. No foreign language shows; not considered enjoyable to general audience.

PENNSYLVANIA *

Population 10,176,000

Number of Families 2,452,000

Number of Radio Homes 2,206,400

Retail Sales \$2,490,910,000

Auto Registrations 1,750,510

WCBA-WSAN

ALLENTOWN-EST. 1923

NBC (Red and Blue)
QUAKER NETWORK—PENNSYLVANIA
NETWORK

FREQUENCY: 1440 Kc. POWER: 500 Watts. OWNED BY: WSAN, Inc. OPERATED BY: B. Bryan Musselman. BUSINESS ADDRESS: 39 N. 10th St. PHONE: 9511-6736. STUDIO ADDRESS: 39 N. 10th St. TRANSMITTER LOCATION: North 7th St. Highway. TIME ON THE AIR: 7:30 A.M. to midnight. NEWSPAPER AFFILIATIONS: Chronicle and News, Allentown Morning Call. NEWS SERVICE: United Press. MAINTAINS ARTISTS' BUREAU. TRANSCRIPTION SERVICE: World Broadcasting System.

Personnel

President	J. C. Shumberger
General Manager	B. Bryan Musselman
Artists' Bureau Head	George Y. Snyder
Chief Announcer	John T. Van Sant
Publicity Director	Charles R. Petrie
Musical Director	George Y. Snyder
Chief Engineer	Wm. A. McCutcheon

POLICIES

Advertising of alcoholic beverages accepted, but liquor programs must be at least 15 minutes in length and not permitted before 7:00 P.M.

On all political broadcasts the "Class A" rates apply. Less than 15 minutes not sold and no discounts apply. Copy must be furnished in advance of broadcast.

Maintains a merchandising service.

REPRESENTATIVE

Gene Furgason & Co.

WFBG

"THE ORIGINAL GATEWAY TO THE WEST"

ALTOONA-EST, 1924

QUAKER NETWORK
PENNSYLVANIA STATE NETWORK

FREQUENCY: 1310 Kc. POWER 100 Watts OWNED BY: The William F. Gable Co. OP ERATED BY: The Gable Broadcasting Co. BUSI NESS ADDRESS: 1320 Eleventh Ave. PHONE: 6467. STUDIO ADDRESS: Gable Arcade Bldg. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 7:00 A.M. to 12:00 midnight. NEWS SERVICE: International News Service. TRANSCRIPTION SERVICE: World Broadcasting System.

Personnel

Managing Director.....Roy Thompson
Chief EngineerJames E. Moffa

Note: Commercial department is directed by the Managing Director.

POLICIES

No special program policies.

REPRESENTATIVES

Cox & Tanz

WEST

EASTON-EST. 1936

MASON-DIXON GROUP

FREQUENCY: 1200 Kc. POWER: 250 Watts, d.; 100 Watts, n. OWNED BY: Associated Broadcasters, Inc. OPERATED BY: Associated Broadcasters, Inc. BUSINESS ADDRESS: 516 Northampton St. PHONE: 8001. STUDIO ADDRESS: 516 Northampton St. TRANSMITTER LOCATION: Williams Township. TIME ON THE AIR: 7:30 A.M. to 11:30 P.M. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: NBC Thesaurus, Lang-Worth.

Personnel

President	Clair R. McCollough
Station & Commercial	
Manager	Walter Kirkwood
Program Manager	Wilbert Markle
Publicity Director	Richard West
Chief Engineer	J. E. Mathiot

POLICIES

No special stated policies.

Station maintains service facilities which include calls on trade, newspaper publicity, letters to trade, assistance to advertiser's salesman

REPRESENTATIVE Paul H. Raymer Co.

WLEU

"YOUR RADIO STATION"

ERIE-EST, 1935

NBC---(BLUE)

FREQUENCY: 1420 Kc. POWER: 250 Watts, d.; 100 Watts, n. OWNED BY: WLEU Broadcasting Corp. OPERATED BY: Same. BUSINESS ADDRESS: 12th & State Sts. PHONE: 22-129. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: (Daily) 7:30 A.M. to 12:00 midnight; (Sunday) 10:30 A.M. to 12:00 midnight. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: World Broadcasting System.

Personnel

General ManagerV. Hamilton Weir
Chief AnnouncerJames O'Shea
Program DirectorJames Hamilton
Musical DirectorAnthony Conti
Chief Engineer rarold Roess

POLICIES

Foreign language accounts broadcast on Sundays only at present.

Merchandising: Exploitations of commercial programs via radio only; other forms of merchandising at extra cost.

WLEU

NBC BLUE

Acceptably serving this rich industrial and agricultural area

ERIE



PENNA.

For complete data write

V. HAMILTON-WEIR

P. O. Box 95, Eric, Pa.



WIBG

"YOUR FRIENDLY STATION"

GLENSIDE—EST, 1924

FREQUENCY: 970 Kc. POWER: 100 watts. OWNED BY: Seaboard Radio Broadcasting Corp. OPERATED BY: Same. BUSINESS ADDRESS: Corner Mt. Carmel Ave. & Easton Rd. PHONE: Ogontz 3100. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Elkins Park. TIME ON THE AIR: 7:00 A.M. to local sunset (E.S.T.). NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: NBC Thesaurus.

Personnel

POLICIES

No liquor advertising accepted.

WHJB

GREENSBURG-EST. 1933

FREQUENCY: 620 Kc. POWER: 250 Watts. OWNED BY: Pittsburgh Radio Supply Co. OPERATED BY: Pittsburgh Radio Supply Co. BUSINESS ADDRESS: 128 Pennsylvania Ave. PHONE: 3740. STUDIO ADDRESS 128 Pennsylvania Ave. TRANSMITTER LOCATION: 128 Pennsylvania Ave. TIME ON THE AIR: 7:00 A.M. to local sunset.

Personnel

President
Commercial Manager
Chief AnnouncerLew Clawson
Station Manager
Chief Engineer

POLICIES

Advertising of alcoholic beverages excepting beer not accepted. All contracts are subject to station owner's approval and government regulations. All material must conform to the standards of the station which reserves the right to refuse or discontinue any advertising for reasons satisfactory to itself.

REPRESENTATIVE

Gene Furgason & Co.

WSAJ

GROVE CITY

FREQUENCY: 1310 Kc. POWER: 100 Watts. OWNED BY: Grove City College. OPERATED BY: Grove City College. BUSINESS ADDRESS: Grove City. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: Specified Hours.

Personnel

Director H. W. Harmon

POLICIES

Station does not sell time.

WHP

HARRISBURG—EST. 1924 COLUMBIA BROADCASTING SYSTEM

FREQUENCY: 1430 Kc. POWER: 1000 watts, d.; 500 watts, n. (C.P. 5000 watts, d.; 1000 watts, n.) OWNED BY: WHP, Inc. OPERATED BY: WHP, Inc. BUSINESS ADDRESS: Telegraph Bldg. PHONE: 4-3211. STUDIO ADDRESS: Telegraph Bldg. TRANSMITTER LOCATION: 4 miles east of Harrisburg on new Harrisburg-Hershey Highway. TIME ON THE AIR: (daily) 7:30 a.m. to 1:00 a.m., (Sunday) 9:00 a.m. to 1:00 a.m. NEWS SERVICE: Transradio Press. NEWSPAPER AFFILIATION: The Harrisburg Telegraph. TRANSCRIPTION SERVICE: NBC Thesaurus.

Personnel

PresidentE.	J. Stackpole, Jr.
Station Manager	A. K. Redmond
Production Director	E. K. Smith
Sales Director	C. L. Bailey
Publicity Director	.Dick Redmond
Chief Engineer	R. S. Duncan

POLICIES

No foreign language programs. Liquor advertising accepted only after 11 p.m. Beer and light wines advertising accepted any time. Only medical advertising which meets with the requirements of Pennsylvania Health Dept.

Direct mail to introduce program series before starting date. Show card service, and theater tie-in, both screen and lobby. Most important—items in the radio section of the Harrisburg Telegraph "Watts In The Air." (Daily.) Also spot announcements to introduce program.

WKBO

HARRISBURG—EST. 1927 PENNSYLVANIA NETWORK QUAKER NETWORK

FREQUENCY: 1200 Kc. POWER: 250 watts, d.; 100 watts, n. OWNED BY: Telegraph Press. OPERATED BY: Keystone Broadcasting Corp. BUSINESS ADDRESS: 31 North Second St. PHONE: 4-0191-2. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Third & Walnut Sts. TIME ON THE AIR: 7:00 A.M. to 1:00 A.M. NEWSPAPER AFFILIATION: Harrisburg Telegraph. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: World Broadcasting System.

Personnel

General Manager	3. Moss
Commercial Manager	. Smith
Musical Director	Moser
Chief Engineer Charles	Myers

WAZL

"VOICE OF THE ANTHRACITE COAL REGION"

HAZELTON—EST. 1932 MASON-DIXON GROUP

FREQUENCY: 1420 Kc. POWER: 100 Watts. OWNED BY: Hazelton Broadcasting Service, Inc. OPERATED BY: Hazelton Broadcasting Service, Inc. BUSINESS ADDRESS: 708 Hazelton National Bank Bldg. PHONE: 1488. STUDIO ADDRESS: 708 Hazelton National Bank Bldg. TRANSMITTER LOCATION: Hazelton National Bank Bldg. TIME ON THE AIR: 9:00 A.M. to 11:30 P.M. NEWS SERVICE: Transradio News. TRANSCRIPTION SERVICES: NBC Thesaurus and Lang-Worth.

Personnel

President
Station Manager
Program ManagerEdward Beisel
Publicity Director
Chief Engineer

POLICIES

No stated special policies.

REPRESENTATIVE

Paul H. Raymer Company

WJAC

JOHNSTOWN-EST. 1925

FREQUENCY: 1310 Kc. POWER: 250 watts, d.: 100 watts, n. OWNED BY: WJAC, Inc. OPERATED BY: WJAC, Inc. BUSINESS ADDRESS: Tribune Annex, Locust St. PHONE: 113. STUDIO ADDRESS: Tribune Annex, Locust St. TRANSMITTER LOCATION: Tribune Bldg., Locust St. TIME ON THE AIR: Shares time with WFBG. NEWSPAPER AFFILIATIONS: The Johnstown Tribune, The Johnstown Democrat. TRANSCRIPTION SERVICE: NBC Thesaurus.

Personnel

President	Walter	w.	Krebs
Station Manager		J. C.	Tully
Chief Engineer		A. I.	Reid

WGAL

LANCASTER—EST. 1922

INTERCITY—MASON-DIXON GROUP FREQUENCY: 1500 Kc. POWER: 250 Watts, d.; 100 Watts, n. OWNED BY: WGAL, Inc. OPERATED BY: WGAL, Inc. BUSINESS ADDRESS: 8 West King St. PHONE: 5252. STUDIO ADDRESS: 8 West King St. TRANSMITTER LOCATION: 8 West King St. TIME ON THE AIR: 7:30 A.M. to 12:00 midnight. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: Lang-Worth.

Personnel

Vice-President	C. R. McCollough
Station and Commercial	
Manager	Walter Miller
Program Manager	Ernest Stanziola
Publicity Director	.Paul Rodenhauser
Chief Engineer	7 77 37 111 1

POLICIES

No stated special policies.

REPRESENTATIVE

Paul H. Raymer Company

WKST

"FRIENDLY STATION OF WESTERN PENNSYLVANIA"

NEW CASTLE—EST. 1938 TRI-CITY NETWORK

FREQUENCY: 1250 Kc. POWER: 250 watts. OWNED BY: Keystone Broadcasting Co. OPERATED BY: Keystone Broadcasting Co. BUSINESS ADDRESS: Cathedral Bldg. PHONE: 5050-5051. STUDIO ADDRESS: Cathedral Bldg.: Ellwood Furniture Co., Ellwood City. PHONE: 77; Library Bldg., Westminster College, New Wilmington. PHONE: 100. TRANSMITTER LOCATION: Old Pittsburgh and Savannah Center Roads. TIME ON THE AIR: 7:00 A.M. to local sunset; Sunday, 8:00 A.M. to local sunset; NEWS SERVICE: International News Service, Christian Science Monitor. TRANSCRIPTION SERVICE: NBC Thesaurus. MAINTAINS ARTISTS' BUREAU.



Personnel

President & General ManagerS. W. Townsend
Vice-President & Commorcial
Manager
TreasurerFred W. Danner
Secretary & Station
Manager A. W. Graham
Chief Announcer-Continuity
DirectorJ. Leonard Taylor
DOLICIES

POLICIES

Beer, wine and hard liquor advertising not accepted. All copy must conform to station standards, Federal, State and FCC rules and regulations.

Merchandising facilities are available on request and at cost to sponsor.

KYW

PHILADELPHIA-EST, 1921

NATIONAL BROADCASTING CO. (RED)

FREQUENCY: 1020 Kc. POWER: 10,000 Watts. OWNED BY: Westinghouse Electric & Mig. Co. OPERATED BY: Same. Programmed by National Broadcasting Co. BUSINESS ADDRESS: 1819 Walnut St. PHONE: Locust 3760. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: RFD No. 4, Norristown. TIME ON THE AIR: 6:59 A.M. to 1:00 A.M. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: NBC Thesaurus.

Personnel

President
Station ManagerLeslie Joy
Program ManagerJames P. Begley
Sales PromAdvertising Manager
L. B. Beeuwkes
Sales ManagerJohn S. K. Hammann
Publicity Director
Plant Manager E. H. Gager
Auditor-Personnel

Beer permissible. Policies of the National Broadcasting Company otherwise.

Station offers, upon request of the advertiser, suggestions for tying in the product locally with the radio broadcast by means of offers, direct-mail, newspapers and billboards.

REPRESENTATIVE

National Broadcasting Co.

WCAU

PHILADELPHIA-EST, 1921

COLUMBIA BROADCASTING SYSTEM

FREQUENCY: 1170 Kc. POWER: 50,000 watts. OWNED BY: WCAU Broadcasting Co. OPERATED BY: WCAU Broadcasting Co. BUSINESS ADDRESS: 1622 Chestnut St.

PHONE: Locust 7700. STUDIO ADDRESS: WCAU Bldg. TRANSMITTER LOCATION: Newtown Square. TIME ON THE AIR: 6:15 A.M. to 1:00 A.M.; Sunday, 9:00 A.M. to 11:00 A.M. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: World Broadcasting System.

Personnel

President and Station
ManagerDr. Leon Levy
Sales & Commercial
Manager Robert A. Stree
Director of ProgramsStan Lee Broze
Publicity DirectorKenneth W. Stowman
Musical DirectorRobert Golder
Chief EngineerJohn Leitch

POLICIES

Neither hard liquor advertising or foreign language accounts are accepted by our station. Does accept advertising for light alcoholic beverages such as beer and wines.

Active publicity department that is in constant contact with all newspapers in our coverage area. Sales promotion department develops dealer co-operation, through tie-ins and supplies special premium and merchandising ideas.

REPRESENTATIVE

Transamerican Broadcasting & Television Corp. (Chicago Only) WCAU, 485 Madison Ave., N. Y. C.

WDAS

"PHILADELPHIA'S ONLY INDEPENDENT FULL-TIME STATION"

PHILADELPHIA—EST. 1922

FREQUENCY: 1370 Kc. POWER: 250 watts. OWNED BY: WDAS Broadcasting Sta., Inc. OPERATED BY: WDAS Broadcasting Sta., Inc. BUSINESS ADDRESS: 1211 Chestnut St. PHONE: Locust 7400—Race 7474. STUDIO ADDRESS: 1211 Chestnut St. TRANSMITTER LOCATION: Woodside Park. TIME ON THE AIR: 7:00 A.M. to midnight. MAINTAINS ARTISTS' BUREAU. NEWS SERVICE: International News Service. TRANSCRIPTION SERVICE: Langworth & Wentworth, NAB Library.

Personnel

President Alexander W. Dannenbaum Vice-President-General Manager P. J. Stanton Commercial Manager A. W. Dannenbaum, Jr. Advertising Manager G. Jerry Stone Artists Bureau Head Harold Davis Musical Director Joseph Schribeman Chief Engineer Frank Unterberger

POLICIES

Accepts liquor advertising. Regular programs in Italian, Jewish and Polish. (No foreign program permitted before 8:00 p.m.)

Advertising support in newspapers and radio papers; Station also co-operative with merchandising, and maintains an artist bureau, free to clients.

WFIL

"PENNSYLVANIA'S STATION-WFIL IN PHILADELPHIA"

PHILADELPHIA—EST. 1935

NATIONAL BROADCASTING CO. (BLUE)
MUTUAL—QUAKER NETWORK

FREQUENCY: 560 Kc. POWER: 1,000 Watts. OWNED BY: WFIL Broadcasting Co. OPERATED BY: Same. BUSINESS ADDRESS: Widener Bldg. PHONE: Rit. 6900. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: 63rd & Schuylkill River. TIME ON THE AIR: 7:00 A.M. to 12:30 A.M. NEWS SERVICE: International News Service. TRANSCRIPTION SERVICES: Associated Library, Miller Tape Service.

Personnel

President Samuel R. Rosenbaum General Manager Roger Clipp Assistant General

Manager Mrs. M. Schaefer
National Sales Manager Murray Grabhorn
Local Sales Manager George Jaspert
Publicity Director Joseph T. Connolly
Sales Promotion Manager Jerry Moore
Musical Director Anthony Candelori
Chief Engineer Frank V. Becker
Program Director Margaret Schaefer

POLICIES

Station accepts light wines and beer advertising; bans hard liquor. Will not accept foreign language. Only other restriction is that copy conform to standards of good public taste.

Merchandising: Local pioneer on establishment of merchandising bureau. Has swap time arrangements with two Phila. dailies and uses this display space to advertise commercial programs at no cost to sponsor. Also uses direct mail and exhibit form of merchandising.

REPRESENTATIVE

Free & Peters Inc.

(See Page 360)

WHAT

PHILADELPHIA—EST. 1930

FREQUENCY: 1310 Kc. POWER: 100 watts. OWNED BY: Independence Broadcasting Co.. Inc. OPERATED BY: Independence Broadcasting Co.. Inc. BUSINESS ADDRESS: Hotel Philadelphia, 39th & Chestnut Sts. PHONE: Lombard 2390-1—Main 2000. STUDIO ADDRESS: Public Ledger Bldg., 7th & Chestnut Sts. TRANSMITTER LOCATION: Hotel Philadelphian. TIME ON THE AIR: Shares time—(45 hours weekly). NEWSPAPER AFFILIATION: Evening Public Ledger. TRANSCRIPTION SERVICE: NAB Library.

Personnel

COMPLETE COVERAGE OF THE PHILADELPHIA MARKET

Favorable Frequency Means Favorable Coverage—

That Is Why WFIL on 560 Kc Covers the Greatest Population At Lowest Cost

Here Is a	•	n of the Three n Philadelphia	Leading
WFIL	560 KC	Populotion Quarter Hour, Night	5,5 77 ,501 \$120
WCAU	1170 KC	Population Quarter Hour, Night	4,940,150 \$200
KYW	1020 KC	Population Quarter Hour, Night	3,658,638 \$176

To Cover Philadelphia Thoroughly At Lowest Cost—

Specify

NATIONAL **BROADCASTING** COMPANY



Program & Production

Manager Milton Laughlin
Chief Operator J. C. Geise

POLICIES

Does not accept liquor, dentists', or doctors' advertising, nor unpleasant copy. Carrles Italian, German and Lithuanian language programs.

WIP

"PHILADELPHIA'S PIONEER VOICE"

PHILADELPHIA—EST. 1922 INTERCITY

FREQUENCY: 610 Kc. POWER: 1000 watts. OWNED BY: Gimbel Bros., Inc. OPERATED BY: Penna. Broadcasting Co. BUSINESS ADDRESS: 35 S. 9th St. PHONE: Walnut 6800. STUDIO ADDRESS: 35 S. 9th St. TRANSMITTER LOCATION: 2108 Spring Garden St. TIME ON THE AIR: 24 hours, daily. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: World Broadcasting System.

Personnel

POLICIES

No foreign language programs accepted. Liquor advertising accepted after 8 p.m.

REPRESENTATIVE

John B. Woodward & Co.

WPEN

"PHILADELPHIA'S OWN STATION"

PHILADELPHIA—EST. 1929 (HOOK-UP WITH WOV, New York)

FREQUENCY: 920 Kc. POWER: 1000 Watts. OWNED BY: Wm. Penn Broadcasting Co. OPERATED BY: Wm. Penn Broadcasting Co. BUSINESS ADDRESS: 22nd and Walnut Sts. PHONE: Rittenhouse 4140. STUDIO ADDRESS: 22nd and Walnut Sts. TRANSMITTER LOCATION: 72nd & Vine Sts. TIME ON THE AIR: 7:00 A.M. to midnight. NEWS SERVICE: International News Service. MAINTAINS ARTISTS' BUREAU.

Personnel

General Manager	
Station & Commercial	
Manager	Arthur Simon
Program Director	Thomas B. Smith
Publicity Director	Gil Babbitt
Musical Director	Joseph Fransoza
Chief Engineer	Charles Burtis

POLICIES

No liquor accounts accepted. Foreign language accounts solicited.

Merchandising: Station cooperates with accounts by mailing letters to local trade outlets regarding radio campaigns; by maintaining an active publicity department in constant contact with all newspapers in coverage area; by maintaining extensive merchandising bureau. Station has a space-swap with the Philadelphia Daily News.

REPRESENTATIVE WOV, New York City

WTEL

PHILADELPHIA-EST. 1925

FREQUENCY: 1310 Kc. POWER: 100 Watts. OWNED BY: Foulkrod Radio Engineering Co. OPERATED BY: Foulkrod Radio Engineering Co. BUSINESS ADDRESS: 4312-14 N. Broad St. PHONE: Gladstone 1310. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Rowlandville, Pa. TIME ON THE AIR: Shares Time with WHAT.

Personnel

Presiden	t	ug.	Hibbs
General	Manager	N. C	ocker

KDKA

PITTSBURGH—EST. 1920 NBC (BLUE)

FREQUENCY: 980 Kc. POWER: 50,000 watts. AWNED AND OPERATED BY: Westinghouse Electric & Míg. Co. PROGRAMMED BY: National Broadcasting Co. BUSINESS ADDRESS: Grant Bldg. PHONE: Grant 4200. STUDIO ADDRESS: Grant Bldg. TRANSMITTER LOCATION: Saxonburg. TIME ON THE AIR: 6:45 A.M. to 1:00 A.M.; Sunday, 8:00 A.M. to 1:00 A.M. NEWS SERVICE: United Press. MAINTAINS ARTISTS' BUREAU. TRANSCRIPTION SERVICE: NBC Thesaurus, World Broadcasting System.

Personnel

President
Station Manager
Artists Bureau Head E. J. Calahan
Sales Manager
Publicity Director
Program Manager Derby Sproul
Public Relations Director Clarence Pettit
Promotion Manager Bill Beal
Musical DirectorMaurice Spitalny
Plant Manager

POLICIES

Same as National Broadcasting Co.

REPRESENTATIVE

National Broadcasting Co.

KAUFMANN'S TRANSRADIO NEWS SHOW STARTS 5TH CONSECUTIVE YEAR.-





WILKERS AMATEUR HOUR STARTS 4TH STRAIGHT YEAR

Transradio News, sponsored by Kaufmann's, Pittsburgh's

largest department store-15 minutes twice daily,

12:30 and 6:15 - has started on its FIFTH

consecutive year, 52 weeks

a year.

HAS THE BIG HOWS GH!

The Wilkens
Amateur Hour,
3 to 4 Sunday, has
started on its FOURTH
consecutive year

WJAS has the well satisfied "local" advertisers, plus National Spot, plus Columbia network.

BASIC COLUMBIA NETWORK

WILLIAM G. RAMBEAU CO.

National Representatives

CHICAGO

DETROIT

NEW YORK

K Q V

"VOICE OF PITTSBURGH"

PITTSBURGH—EST. 1919

FREQUENCY: 1380 Kc. POWER: 1000 watts, d.; 500 watts, n. OWNED BY: KQV Broadcasting Co. OPERATED BY: KQV Broadcasting Co. BUSINESS ADDRESS: 1406 Chamber of Commerce Bldg. PHONE: Private Exchange, Grant 4860. STUDIO ADDRESS: 1406 Chamber of Commerce Bldg. TRANSMITTER LOCATION: 1475 Crane Road, Greentree Borough TIME ON THE AIR: 7:00 A.M. to 12:30 midnight. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICES: Standard Radio Library. NAB Library.

Personne!

President
Station ManagerJohn J. Laux
Commercial & Advertising
ManagerR. M. Thompson
Chief AnnouncerJ. Herbert Angell
Publicity DirectorJoe Vilella
Chief Engineer

POLICIES

Accept beer and wines in announcement and program form anytime. Accept hard liquor only after 10:30 p.m. and in program form. Foreign language accounts accepted with some restrictions regarding amount of foreign speaking in program.

Cooperates with accounts by mailing station letters to local trade outlets regarding radio campaign. Other general cooperation.

REPRESENTATIVE

William G. Rambeau Co.

WCAE

PITTSBURGH—EST. 1922 NBC (RED) & MUTUAL

PENNSYLVANIA NETWORK
QUAKER NETWORK

FREQUENCY: 1220 Kc. POWER: 5000 watts, d.; 1000 watts, n. OWNED BY: WCAE, Inc. OPERATED BY: WCAE, Inc. BUSINESS ADDRESS: Hotel William Penn. PHONE: Atlantic 6900. STUDIO ADDRESS: Hotel William Penn. TRANSMITTER LOCATION: Agnew Road, Baldwin Township. TIME ON THE AIR: 7:00 A.M. to 1:30 A.M. NEWSPAPER AFFILIATION: Pittsburgh Sun - Telegraph. NEWS SERVICE: International News Service. TRANSCRIPTION SERVICE: World Broadcasting System.

Personnel

President-General	
ManagerLeonard	Kapner
Sales ManagerLester	Lindow
Publicity DirectorJames F.	Murray
Musical Director	Truxell
Chief EngineerJames	Schultz
Program ManagerR. Clifton	Daniel

POLICIES

No special merchandising facilities.

REPRESENTATIVE

International Radio Sales

WJAS

PITTSBURGH—EST. 1922

COLUMBIA BROADCASTING SYSTEM FREQUENCY: 1290 Kc. POWER: 5000 watts, d.: 1000 watts, n. OWNED BY: Pittsburgh Radio Supply House. OPERATED BY: Pittsburgh Radio Supply House. BUSINESS ADDRESS: 411—7th Ave. PHONE: Grant 4860-1-2-3-4-5-6. STUDIO ADDRESS: 411—7th Ave. TRANSMITTER LOCATION: 1475 Crane Road. 20th Ward, Pittsburgh. TIME ON THE AIR: 7:30 a.m. to 12:30 a.m. NEWS SERVICES: United Press, Transradio Press. TRANSCRIPTION SERVICES: Standard Radio, also cut own disks.

Personnel

President & General
Manager
Commercial ManagerR. M. Thompson, Sr.
Chief AnnouncerBeckley Smith
Publicity Director
Musical Director & Pgm. MgrJas. Hughes
Chief Engineer

POLICIES

No special merchandising features.

REPRESENTATIVE William G. Rambeau Co.

w w s w

"PROMOTING PITTSBURGH INSTITUTIONS"

PITTSBURGH—EST. 1931 QUAKER STATE

FREQUENCY: 1500 Kc. POWER: 250 watts. d.; 100 watts, n. OWNED BY: Walker & Downing Radio Corp. OPERATED BY: Walker & Downing Radio Corp. BUSINESS ADDRESS: Hotel Keystone. PHONE: Grant 5200. TIME ON THE AIR: 7:30 a.m. to midnight. NEWS-PAPER AFFILIATION: Pittsburgh Post Gazette. NEWS SERVICE: International News. MAINTAINS ARTISTS BUREAU: TRANSCRIPTION SERVICE: C. P. MacGregor. Standard Radio.

Personnel

President Paul Block
General ManagerFrank R. Smith, Jr.
Chief AnnouncerRay Schneider
Publicity Director
Musical Director
Chief Engineer

POLICIES

Hard liquor advertising carried with restrictions. Foreign language programs confined to period on Sunday from 9:30 a.m. to 2:30 p.m.

Merchandising service furnished when contract justifies effort.

REPRESENTATIVE

Cox & Tanz

WEEU

READING-EST, 1931

FREQUENCY: 830 Kc. POWER: 1000 Watts. OWNED BY: Berks Broadcasting Co. OPERATED BY: Berks Broadcasting Co. BUSINESS ADDRESS: 533 Penn St. PHONE: 7335. STUDIO ADDRESS: 533 Penn St., State Theatre and Reading Senior High School. TRANSMITTER LOCATION: Spring Township. TIME ON THE AIR: 8:00 A.M. to local sunset. TRANSCRIPTION SERVICE: Lang-Worth, NBC Thesaurus.

Personnel

General Manager	Chafey
Program DirectorPaul I	Breedy
Sales Manager	Riple

POLICIES

Advertising of alcoholic beverages not accepted, excepting beer and wine. Station maintains program, merchandising and publicity departments.

REPRESENTATIVE

George P. Hollingbery Co.

WRAW

READING-EST, 1921

FREQUENCY: 1310 Kc. POWER: 100 Watts. OWNED BY: Reading Broadcasting Co. OPERATED BY: Reading Broadcasting Co. BUSINESS ADDRESS: 533 Penn St. PHONE: 7336. STUDIO ADDRESS: 533 Penn St. and State Theatre. TRANSMITTER LOCATION: Reading. TIME ON THE AIR: 7:00 A.M. to 12:00 midnight.

Personnel

President	Clifford M. Chafey
Station Manager	Baymond A Gaul

POLICIES

Advertising of alcoholic beverages accepted but liquor advertising permitted only after 10:30 P.M.

WGBI

SCRANTON-EST, 1925

COLUMBIA BROADCASTING SYSTEM

FREQUENCY: 880 Kc. POWER: 1000 watts, d.; 500 watts, n. OWNED BY: Scranton Broadcasters, Inc. OPERATED BY: Scranton Broadcasters, Inc. BUSINESS ADDRESS: 1000 Wyoming Ave. PHONE: 6296-7. STUDIO ADDRESS: Administration Bldg. of International Correspondence Schools. TRANSMITTER LOCATION: Drinker Turnpike, Dunmore, Pa. TIME ON THE AIR: (daily) 7:00 a.m. to 1:00 a.m., (Sunday) 9:00 a.m. to 1:00 a.m. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICES: World Broadcasting System, NBC Thesaurus, and Standard Radio.

Personnel

President	Frank Megargee
Station Manager	.Robert E. McDowell
Commercial & Sales	
Manager	Geo. D. Coleman
Program Director	Frank Monaghan
Chief Engineer	Kenneth R. Cooke

POLICIES

No special restrictions on liquor advertising. Foreign language programs subject to approval of station.

Prepared to offer every cooperation pessible to the advertiser. At the start of a schedule a series of plug announcements and news stories is used on the air to properly introduce the program. Further, the program is highlighted in the newspaper space regularly used by WGBI. If the advertiser desires, letters will be sent to the trade, providing mailing list is furnished and postage paid. Reasonable amount of work that can be handled by the regular staff will be provided without cost and more extensive service will be properly supervised and billed at the actual cost of material and labor.

REPRESENTATIVE

John Blair & Co.

WQAN

SCRANTON

FREQUENCY: 880 Kc. POWER: 1000 Watts, d.; 500 Watts, n. OWNED BY: The Scranton Times. OPERATED BY: The Scranton Times. BUSINESS ADDRESS: Scranton. STUDIO ADDRESS: Same. TRANSMITTER LOCATION:

Same. TIME ON THE AIR: Shares Time with WGBI. NEWSPÄPER AFFILIATION: The Scranton Times.

Personnel

POLICIES

Station does not sell time.

WPIC

"THE FRIENDLY VOICE OF THE SHENANGO VALLEY"

SHARON-EST. 1938

FREQUENCY: 780 Kc. POWER: 250 watts. OWNED BY: Sharon Herald Broadcasting Co. OPERATED BY: Same. BUSINESS ADDRESS: P. O. Box 541. STUDIO ADDRESS: Pine Hollow Blvd. PHONE: 154. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 6:30 A.M. to local sunset. NEWSPAPER AFFILIATION: Sharon Herald. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: Associated. MAINTAINS ARTISTS' BUREAU.

Personnel

President & General	
Manager	John Fahnline, Jr.
Vice-President	A. W. McDowell
Secretary-Treasurer	George E. Heiges
Commercial Manager	J. T. Van Sweringen
Program Director	Paul Gamble
Chief Announcer	.John C. MacDonald
Chief Engineer	

POLICIES

Foreign language programs accepted. Advertising of all alcoholic beverages except beer not accepted.

Merchandising: 100 per cent cooperation with local newspaper, the Sharon Herald, only large newspaper in the area, gives wide publicity to any desired programs. Any other merchandising will be handled by the station at cost to advertiser.

REPRESENTATIVE

DeLisser-Boyd

WKOK

"FRIENDLY VOICE OF CENTRAL PENNSYLVANIA"

SUNBURY—EST. 1934

QUAKER NETWORK
PENNSYLVANIA NETWORK

FREQUENCY: 1210 Kc. POWER: 100 watts. OWNED BY: B. E. Beck, H. Haddon & G. Beck. OPERATED BY: Sunbury Broadcasting Co. BUSINESS ADDRESS: 1150 N. Front St. PHONE: 1326. STUDIO ADDRESS: 1150 N. Front St. TRANSMITTER LOCATION: 1150 N. Front St. TIME ON THE AIR: (Sunday) 6:00 a.m. to 1:00 p.m., (Mon., Wed. & Fri.) 12:00 noon to 12:00 midnight, (Tues., Thurs. & Sat.) 12:00 noon to 6:00 p.m. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: Associated, NAB Library.

Personnel

President
Secretary-Treasurer & General
ManagerB. A. Beck
Station ManagerMelvin Lahr
Chief AnnouncerReg Merridew
Oner Amouncer
Program Director
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POLICIES

No stated special policies in regard to liquor or foreign language accounts, etc.

REPRESENTATIVE

Cox and Tanz

WMBS

UNIONTOWN—EST, 1937

FREQUENCY: 1420 Kc. POWER: 250 Watts. OWNED BY: Fayette Broadcasting Corp. OPERATED BY: Same. BUSINESS ADDRESS: Uniontown. PHONE: 800. STUDIO ADDRESS: Fayette Title & Trust Bldg. TRANSMITTER LOCATION: 3 miles South of Uniontown. TIME ON THE AIR: 7:00 A.M. to 8:00 P.M. NEWS SERVICE: United Press. MAINTAINS ARTISTS' BUREAU. TRANSCRIPTION SERVICES: Standard Radio and NBC Thesaurus.

Personnel

President and Station
ManagerJoseph C. Burwell
Commercial Manager
Artists' Bureau HeadHugh Rafferty
Sales Manager
Publicity DirectorSullivan Sages
Musical DirectorSullivan Sages
Chief Engineer Kenneth M. Meredith

POLICIES

No stated special program policies.

Merchandising through window and car
posters; newspaper advertisements.

REPRESENTATIVE

F. A. Wellman

WBAX

"45 MINUTES FROM BROADWAY BY AMERICAN AIRLINES"

WILKES-BARRE—EST. 1922 OUAKER

FREQUENCY: 1210 Kc. POWER 100 watts. OWNED BY: John H. Stenger, Jr. OPERATED BY: John H. Stenger, Jr. OPERATED BY: John H. Stenger, Jr. BUSINESS ADDRESS: 141 So. Main. PHONE: 2-2736-3-0196-7-8. STUDIO ADDRESS: 141 S. Main. TRANSCRIPTOIN LOCATION: Plains Township. TIME ON THE AIR: 6:00 a.m. to 12:00 midnight. MAINTAINS ARTISTS BUREAU. TRANSCRIPTION SERVICE: NBC Thesaurus, Radio Bands, Inc. & Standard Radio, also Presto Recording Equipment.

Personnel

PresidentJohn H. Stenger, Jr.
General ManagerDale Robertson
Artists Bureau HeadRichard Evans
Chief AnnouncerRichard Mawson
Musical DirectorWilliam Herbert
Chief EngineerJohn H. Stenger, Jr.

POLICIES

No special restrictions on liquor or foreign language accounts.

Maintains a merchandising department.

REPRESENTATIVE Weed & Co.

FOR

WILKES-BARRE

PENNSYLVANIA'S 3rd MARKET

ASK YOUR LOCAL DISTRIBUTOR,
DEALER, OR REPRESENTATIVE
FOR STATION PREFERENCE

They know Station Popularity



MUTUAL BROADCASTING SYSTEM

WBRE

WILKES-BARRE—EST. 1924 NBC-QUAKER NETWORK

FREQUENCY: 1310 Kc. POWER: 250 watts, d.; 100 watts, n. OWNED BY: Louis G. Baltimore. OPERATED BY: Louis G. Baltimore. BUSINESS ADDRESS: 16 N. Main St. PHONE: 3-3101-2. STUDIO ADDRESS: 16 N. Main St. TRANSMITTER LOCATION: Kingston. TIME ON THE AIR: 7:30 A.M. to 1:00 A.M. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: Standard Radio, World Broadcasting System.

Personnel

President and Station		
ManagerLouis	G.	Baltimore
Commercial ManagerS.	R.	Baltimore
Sales Manager	C.	Baltimore
Musical Director		L. Savitt
Chief Engineer	arle	s Sakoski

POLICIES

Foreign language programs (Polish and Italian especially) accepted.

WRAK

WILLIAMSPORT—EST. 1929
QUAKER

FREQUENCY: 1370 Kc. POWER: 250 watts, d.: 100 watts, n. OWNED BY: WRAK, Inc.

WBRE

Wilkes-Barre, Penna.

N. E. PENNSYLVANIA'S

"Station of Service"

- in SALES
- in COVERAGE
- in PUBLIC APPEAL
- in RESULTS

HAVE YOU INCLUDED
WILLIAM BRE
Wilkes Barre, Pa.

ON YOUR TEST LIST

NBC-Red & Blue

OPERATED BY: WRAK, Inc. BUSINESS ADDRESS: 244 W. 4th St. PHONE: 2-6116-7. STUDIO ADDRESS: 244 W. 4th St. TRANSMITTER LOCATION: 1561 W. 4th St. TIME ON THE AIR: 7:30 a.m. to 9:30 p.m. NEWS-PAPER AFFILIATIONS: Williamsport Sun & Williamsport Gazette & Bulletin. NEWS SERVICE: Transradio Press. MAINTAINS ARTISTS BUREAU.

Personne!

President E. M. Case
Station Manager
Advertising ManagerThomas W. Metzger
Chief AnnouncerPaul M. Breining
Program ManagerOscar Linn
Publicity DirectorJ. W. Mackey
Chief EngineerLouis Persio

POLICIES

Does not accept alcoholic advertising of any kind.

Maintains a merchandising service.

REPRESENTATIVE

J. P. McKinney & Son

WORK

YORK-EST, 1932

NBC (RED & BLUE)—INTERCITY-MASON-DIXON GROUP

FREQUENCY: 1320 Kc. POWER: 1000 Watts. OWNED BY: York Broadcasting Co., Inc. OPERATED BY: York Broadcasting Co., Inc. BUSINESS ADDRESS: 13 S. Beaver St. PHONE: 6629. STUDIO ADDRESS: 13 S. Beaver St. TRANSMITTER LOCATION: West Manchester Township. TIME ON THE AIR: 7:30 A.M. to 12:00 midnight. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: Lang-Worth.

Personnel

President	Clair	R.	McC	ullough
Station & Comm	ercial			
Manager		R	obert	Gulick
Program Manag	ger	H	arold	Miller
Publicity Direct	or		Johi	n Neff
Chief Engineer.		J	. E. I	Mathiot

POLICIES

No stated special policies.

REPRESENTATIVE

Paul H. Raymer Co.

RHODE ISLAND

Population 681,000

Number of Families 169,000

Retail Sales \$219,706,000

Number of Radio Homes 155,500

Auto Registrations 148,405

WEAN

PROVIDENCE—EST. 1922

NBC (BLUE)—YANKEE NET.
MUTUAL

FREQUENCY: 780 Kc. POWER: 5000 Watts, d.; 1000 Watts, n. OWNED BY: The Yankee Network, Inc. OPERATED BY: The Yankee Network, Inc. BUSINESS ADDRESS: Crown Hotel. PHONE: Dexter 1500. BOSTON OFFICE: 21 Brookline Ave. STUDIO ADDRESS: Crown Hotel. TRANSMITTER LOCATION: East Providence. TIME ON THE AIR: Sunday, 8:00 A.M. to 2:00 A.M. Week Days, 6:00 A.M. to 1:30 A.M. NEWS SERVICE: Local News by staff reporters, Yankee Network News Service. MAINTAINS AN ARTIST BUREAU. TRANSCRIPTION SERVICE: Associated Music.

Personnel

POLICIES

Production and merchandising departments available to advertisers. Other Yankee Network policies in effect.

REPRESENTATIVE

Edward Petry & Co.

WJAR

"SOUTHERN GATEWAY OF NORTH EAST"

PROVIDENCE—EST. 1922

NBC (Red)

FREQUENCY: 890 Kc. POWER: 5000 Watts, d.: 1000 Watts, n. OWNED BY: Outlet Co. OPERATED BY: Outlet Co. BUSINESS ADDRESS: Weybossett St. PHONE: Gaspee 1071. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Rumford. TIME ON THE AIR: 7:30 A.M. to 1:00 A.M.; Sunday, 9:00 A.M. to 1:00 A.M. TRANSCRIPTION SERVICE: World Library Service NEWS SERVICE: Local news service.

Personnel

PresidentJoseph Samuels
Station Manager
Musical DirectorEarl Shean
Chief EngineerThomas Prior

POLICIES

No hard liquor advertising accepted.

REPRESENTATIVE Weed & Co.

WPRO

PROVIDENCE

COLUMBIA BROADCASTING SYSTEM FREQUENCY: 630 Kc. POWER: 1000 Watts, d.; 500 Watts, n. OWNED BY: Cherry and

Webb Broadcasting Co. OPERATED BY: Cherry and Webb Broadcasting Co. BUSINESS ADDRESS: Metropolitan Theatre Bldg. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: E. Providence. TIME ON THE AIR: Sunday. 8:00 A.M. to 12:00 midnight. Week Days. 6:00 A.M. to 1:00 A.M. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: NBC Thesaurus.

Personnel

General Manager Stephen P. Willis Commercial Manager William T. Bush

POLICIES

Advertising of alcoholic beverages not accepted, excepting beer and wine.

REPRESENTATIVE

Paul H. Raymer Co.

SOUTH CAROLINA

Population 1,875,000

Number of Families 407,000

Retail Sales \$248,206,000

Number of Radio Homes 207,300

Auto Registrations 247,000

WAIM

"THE VOICE OF THE ELECTRIC CITY"

ANDERSON—EST. 1935

COLUMBIA BROADCASTING SYSTEM FREQUENCY: 1200 Kc. POWER: 100 watts. OWNED BY: Wilton E. Hall. OPERATED BY: Same. BUSINESS ADDRESS: 115 E. Market St. PHONE: 800. STUDIO ADDRESS: Anderson College. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 6:00 A.M. to 1:00 A.M.; Sunday, 7:00 A.M. to 12:00 midnight. NEWSPAPER AFFILIATIONS: Anderson Independent. Anderson Daily Mail. NEWS SERVICES: Transradio Press, Press Radio. MAINTAINS ARTISTS BUREAU: TRANSCRIPTION SERVICE: C. P. MacGregor, Lang-Worth.

Personnel

President
Station and Commercial Manager Ennis Bray
AuditorWarren McKee
Artists Bureau HeadEdith Hall
Chief Announcer-Program Director
Immie Bulleit

Publicity Director......G. Paul Browne Chief Engineer......Wendell C. Roberts

POLICIES

Does not accept liquor advertisements, except wine and beer. Accepts foreign language programs.

Contacts dealers and jobbers and arranges window displays. Large mailing list and cooperation with two local newspapers as well as 15 newspapers in surrounding area.

WCSC

"IN RADIO IT'S WCSC-1360 ON YOUR DIAL"

"THE VOICE OF COASTAL CAROLINA"

CHARLESTON—EST. 1930

NATIONAL BROADCASTING COMPANY FREQUENCY: 1360 Kc. POWER: 1000 Watts, d.; 500 watts, n. OWNED BY: The South Carolina Broadcasting Co., Inc. OPERATED BY: The South Carolina Broadcasting Co., Inc. BUSINESS ADDRESS: Francis Marion Hotel. PHONE: 344. STUDIO ADDRESS: Francis Marion Hotel. TRANSMITTER LOCATION: St. Andrews Farm, one mile west of city. TIME ON THE AIR: Sundays—8:00 a.m. to 12:00 midnight. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: NBC Thesqurus.

Personnel

President-Station Manager	J. M. R	ivers
Program Director	Ernie	Smith
Sales Manager	.Roland W	eeks
Publicity Director	Judy A	rden
Chief Engineer	J. B. F	uqua

POLICIES

Beer and wine advertising accepted. Liquor advertising declined. No foreign language accounts accepted.

Dealer surveys made and display material distributed. Merchandising crew available for sponsor spending minimum annual appropriation. Publicity on program mailed on station letterheads to dealer list, client to pay postage except in special instances.

REPRESENTATIVE

Free & Peters, Inc.

WTMA

CHARLESTON-EST, 1939

FREQUENCY: 1210 Kc. POWER: 250 Watts, d.: 100 Watts, n. OWNED BY: Y. W. Scarborough and J. W. Orvin. OPERATED BY: Atlantic Coast Broadcasting Co. BUSINESS ADDRESS: P. O. Box 92, Station "a". STUDIO ADDRESS: Charleston. TRANSMITTER LOCATION: Same. TIME ON THE AIR: Full time license. NEWS SERVICE: Transradio Press, TRANSCRIPTION SERVICE: Standard

Personnel

Station ManagerY. W.	Scarborough
CommercialEdwar	d C. Powers
Chief Engineer	M. Bradham

WCOS*

COLUMBIA—EST. 1939

FREQUENCY: 1370 Kc. POWER: 250 Watts, d.: 100 Watts, n. OWNED BY: Carolina Advertising Corp. OPERATED BY: Same. BUSI-

NESS ADDRESS: Columbia. STUDIO AD-DRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: Full time license.

*Station was licensed under a C. P. and no further information was available at time of going to press.

WIS

COLUMBIA-EST, 1930

NATIONAL BROADCASTING COMPANY

FREQUENCY: 560 Kc. POWER: 5000 watts, d.; 1000 watts, n. OWNED BY: Station WIS, Inc. OPERATED BY: Station WIS, Inc. BUSINESS ADDRESS: 1811 Main St. PHONE: 22135-22136. STUDIO ADDRESS: 1811 Main St. TRANSMITTER LOCATION: Bluff Road. TIME ON THE AIR: Daily—6:45 a.m. to 12:00 midnight. Sundays, 8:00 a.m. to 12:00 midnight. Sundays, 8:00 a.m. to 12:00 midnight. SERVICE: United Press. TRANSCRIPTION SERVICE: Standard Radio.

Personnel

President and Station Manager
Advertising-Commercial
ManagerJ. D. Saumenig
Chief AnnouncerJames W. Young
Program and Publicity
Director
Chief EngineerScott Helt

TO MOST AGENCIES, IT'S AN OLD, OLD STORY—BUT NEVERTHELESS TRUE ...

COVERAGE ISN'T MEASURED BY POWER...

95 MILES

A 50,000 WATT station in Charlotte, N. C., on 1080 K.C. delivers a signal of 300 MICROVOLTS per meter* in Columbia, S. C.

A 5,000 WATT station in Columbia, S. C., on 560 K.C. (WIS) delivers a signal of 353 MICROVOLTS per meter* in Charlotte, N. C.

*Daytime measurement by Jansky & Bailey, Oct., 1938

CHARLOTTE, N. C.

COLUMBIA, S. C.

216

Station WIS—located at the exact geographical center of the state—serves more of South Carolina than all other stations combined. That's because WIS, at 560 K.C., has a stronger signal. Also because WIS, with both Red and Blue Networks, has stronger programming. And the strongest market, too. With \$22,809,000 in retail sales (1935), Columbia leads every other city in South Carolina.

5000 WATTS DAY 1000 WATTS NIGHT

WIS

COLUMBIA SOUTH CAROLINA

POLICIES

Beer and wine advertising accepted but liquor advertising declined. Foreign language accounts declined.

Merchandising cooperation in the form of dealer surveys, placing display material, and program publicity are offered without charge. Direct mail program publicity is available in reasonable quantity, client to defray postage. Feature stories and display boxes in weekly program publication used to publicize programs. Display advertising in daily paper lists programs by sponsors' name.

REPRESENTATIVE

Free & Peters, Inc.

WOLS

"THE VOICE OF THE MAGIC CITY"
FLORENCE—EST. 1937

FREQUENCY: 1200 Kc. POWER: 100 Watts.
OWNED BY: O. Lee Stone. OPERATED BY:
Same. BUSINESS ADDRESS: Samborn Hotels
STUDIO ADDRESS: Same. TRANS.
MITTER LOCATION: Charleston Highway
South of Florence. TIME ON THE AIR: 7:00
A. M. to local sunset. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE:
World Broadcasting System, Associated Program Service.

Personnel

President-Station Manager ... O. Lee Stone
Commercial Manager ... Vernon M. Bushong
Program Director ... Kenneth R. Dent
Chief Engineer ... Robert M. Wallace

POLICIES

Beer and wine advertising accepted but liquor advertising declined. No foreign language accounts.

Merchandising cooperation in the form of dealer surveys, placing display material and program publicity are offered without charge.

W F B C

"WE SERVE"

GREENVILLE—EST. 1933 NATIONAL BROADCASTING CO.

FREQUENCY: 1300 Kc. POWER: 5000 Watts, d.; 1000 Watts, n. OWNED BY: The Greenville News-Piedmont Co. OPERATED BY: Same. BUSINESS ADDRESS: Hotel Greenville. PHONE: 362-3. STUDIO ADDRESS: Hotel Greenville. TRANSMITTER LOCATION: Gantt Station. TIME ON THE AIR: 6:00 A.M. to 12:00 midnight; Sunday, 6:30 A.M. to 12:00 NEWSPAPER AFFILIATIONS: midniaht. Greenville News, Greenville Piedmont. NEWS SERVICES: United Press, International News Service, Associated Press (non-Commercial). TRANSCRIPTION SERVICE: NBC Thesaurus, C. P. MacGregor.

Personnel

President	В.	H.	Peace,	Jr.
Station Manager	В.	T.	Whitn	iire
Commercial Manager	ν	v s	9 Linds	un

Program Director	Charles	Batson
Production Manager	Mason	Dixon
Publicity Director	Dan C	rosland
Musical Director	Eber Line	eberger
Chief Engineer	W. C. Eth	eredge

POLICIES

Accepts beer and ale, but no hard liquor advertising. Foreign language accounts not accepted.

Merchandising: Much newspaper publicity is given program advertisers to build listener audience. Gratis station pre-announcements are given program advertiser. Merchandise displays for clients is available in station lobby. (Studio has a daily attendance of over 200 per day.) Other merchandising services rendered includes letters to trade, etc.

REPRESENTATIVE

Bryant, Griffith and Brunson

WRKL*

ROCK HILL-EST, 1939

FREQUENCY: 1500 Kc. POWER: 100 Watts. OWNED BY: P. W. Spencer. OPERATED BY: Same. BUSINESS ADDRESS: Rock Hill. TIME ON THE AIR: Daytime License.

* Station licensed to operate under a construction permit. No further information was available at time of going to press.

WSPA

"THE VOICE OF SOUTH CAROLINA"
"THE THOUSAND WATT STATION WITH
A MILLION FRIENDS"

SPARTANBURG—EST. 1929

FREQUENCY: 920 Kc. POWER: 1000 watts. OWNED BY: Virgil Evans. OPERATED BY: Virgil Evans. OPERATED BY: Virgil Evans. BUSINESS ADDRESS: 155 South Liberty. PHONE: 2900-1-2600. STUDIO ADDRESS: W.S.P.A. Bldg. TRANSMITTER LOCATION: Evanston H'ts. TIME ON THE AIR: 6:00 a.m. to sunset. Maintains ARTIST BUREAU: NEWSPAPER AFFILIATIONS: The Daily News. NEWS SERVICE: United Press, Transradio Press. TRANSCRIPTION SERVICE: Langlois & Wentworth, Associated Music Library.

Personnel

President and General Manager Virgil Evans
Commercial Manager
Program DirectorJas. Mugford
Chief AnnouncerPat McSwain
Publicity DirectorJames Waldrop
Musical Director
Chief EngineerEd S. Long

POLICIES

Does not accept liquor or foreign language advertising.

REPRESENTATIVE

Kelly-Smith Co.

SOUTH DAKOTA

Population 692,000

Number of Families 167,000

Retail Sales \$147,564,000

Number of Radio Homes 132,900

Auto Registrations 153,000

KABR

"VOICE OF THE HUB CITY"

ABERDEEN—EST. 1935

NORTH CENTRAL BROADCASTING SYSTEM FREQUENCY: 1390 Kc. POWER: 1000 Watts, d.; 500 Watts, n. OWNED BY: Aberdeen Broadcast Co. OPERATED BY: Aberdeen Broadcast Co. BUSINESS ADDRESS: 117½ S. Main St. PHONE: 4626. STUDIO ADDRESS: 117½ S. Main St. TRANSMITTER LOCATION: Wylie Park. TIME ON THE AIR: 7:00 A.M. to 12:00 midnight. NEWS SERVICE: Transradio Press, Radio News Association, local news staff. TRANSCRIPTION SERVICE: NBC Thesaurus.

Personnel

President	H. C. Jewett, Jr.
Vice-President	.E. O. Johnson
Treasurer	.J. H. McKeever
Secretary-General Manager	A. A. Fahy
Program Director	M. E. Tobin
Publicity Manager	F. E. Painter
Chief Engineer	Delbert Hunt

POLICIES

Does not accept liquor accounts nor foreign language programe. All copy subject to station approval and standards of the Federal Trade Commission.

Each account is treated individually and suitable merchandising ideas worked out.

REPRESENTATIVE Weed & Co.

KFDY

"THE SOUTH DAKOTA STATE COLLEGE RADIO STATION"

BROOKINGS-EST. 1923

FREQUENCY: 780 Kc. POWER: 1000 Watts. OWNED BY: South Dakota State College. OPERATED BY: Same. BUSINESS ADDRESS: Brookings. PHONE: 702K-459W. STUDIO ADDRESS: Library Bldg., State College. TRANSMITTER LOCATION: Brookings. TIME ON THE AIR: 12:30 P.M. to 2:00 P.M.

Personnel

Station Manager	S. W. Jones
Publicity Director	John Regan
Chief Announcer	Jack Towers
Chief Engineer .	

POLICIES

No advertising of any kind can be accepted, since this is an educational station owned by the State.

KGFX

"THE PIONEER STATION"

PIERRE—EST. 1922

FREQUENCY: 630 Kc. POWER: 200 watts. OWNED BY: Ida A. McNeil. OPERATED BY: Ida A. McNeil. BUSINESS ADDRESS: 203 West Summit Ave. PHONE: 2251. STUDIO ADDRESS: 203 W. Summit Ave. TIME FRANCHISTER LOCATION: 203 W. Summit Ave. TIME ON THE AIR: 9:30 A.M. to sunset. NEWS SERVICE: Associated Press (non-Commercial).

Personnel

Owner and Director Ida A. McNeil Chief Engineer Robert H. Dye

POLICIES

Does not accept liquor or patent medicine accounts. No occasion for foreign language program in territory.

K O B H

"THE CALL OF THE BLACK HILLS"

RAPID CITY—EST. 1936

FREQUENCY: 1370 Kc. POWER: 250 watts.
d.; 100 watts. n. OWNED BY: Black Hills
Broadcast Co. OPERATED BY: Black Hills
Broadcast Co. BUSINESS ADDRESS: Alex
Johnson Hotel. TRANSMITTER LOCATION:
Rapid City. TIME ON THE AIR: 6:30 A.M. to
9:00 P.M. MAINTAINS ARTISTS' BUREAU.
NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICES: NBC Thesaurus, and
Standard Radio.

Personnel

ManagerR	obert	J. Dean
Commercial ManagerGeo	rge E.	Bruntlett
Business Manager	. L. C.	Preston
Production Manager	Harry	Turner
Chief Engineer	M.	J. Jones

POLICIES

Does not accept liquor advertising other than beer. No foreign language accounts. All advertising must be in prescribed good taste.

WCAT

RAPID CITY-EST. 1921

FREQUENCY: 1200 Kc. POWER: 100 watts. OWNED BY: South Dakota School of Mines. OPERATED BY: South Dakota School of Mines. BUSINESS ADDRESS: E. St. Joe St. PHONE: 1600-1. STUDIO ADDRESS: E. St. Joe St. TRANSMITTER LOCATION: E. St. Joe St. TIME ON THE AIR: 11:00 A.M. to 1:00 P.M. MST. NEWSPAPER AFFILIATIONS: Rapid City Daily Journal. NEWS SERVICE: Associated Press (non-Commercial). TRANSCRIPTION SERVICE: Standard Radio and Decca Records.

Personnel

President	J. P. Connolly
Chief Announcer	John Crockett
Station Manager	C. M. Rowe
Publicity Director	Redford Dibble
Chief Engineer	E. E. Clark

POLICIES

Non-commercial. Does not sell time.

KELO

SIOUX FALLS-EST. 1926

NATIONAL BROADCASTING COMPANY FREQUENCY: 1200 Kc. POWER: 100 watts. OWNED BY: Sioux Falls Broadcast Assoc., Inc. OPERATED BY: Sioux Falls Broadcast Assoc., Inc. BUSINESS ADDRESS: 317 S. Phillips. PHONE. 757-8-9. STUDIO ADDRESS: 317 S. Phillips. TRANSMITTER LOCATION: 3 miles west of city limits. TIME ON THE AIR: 12:00 noon to 12:00 midnight. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: NBC Thesaurus, C. P. MacGregor.

Personnel

President and Station

Mar	nαger	Joseph I	Henkin
Adver	rtising Manager	S. C. Fan	tle, Jr.
Chief	Announcer	Bert	Smith
Sales	Manager	Morton	Henkin
Chief	Engineer	Max	Staley

REPRESENTATIVE

Howard H. Wilson & Co.

K S 0 0

SIOUX FALLS—EST. 1926

NATIONAL BROADCASTING COMPANY FREQUENCY: 1110 Kc. POWER: 2500 Watts. OWNED BY: Sioux Falls Broadcasting Ass'n., Inc. OPERATED BY: Same. BUSINESS ADDRESS: 317 S. Phillips. PHONE: 757-8-9. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: 3 miles west of city limits. TIME ON THE AIR: 6:00 A.M. to local sunset; Sunday, 8:00 A.M. to local sunset; Sunday, United Press. TRANSCRIPTION SERVICE: NBC Thesaurus, C. P. MacGregor.

Personnel

President a	nd	Station		
Manager			 . Joseph	Henkin

Sales Manager.......Morton Henkin Chief Engineer......Max Staley

REPRESENTATIVE

Howard H. Wilson & Co.

K U'S D

VERMILLION

FREQUENCY: 890 Kc. POWER: 500 Watts. OWNED BY: University of South Dakota. OPERATED BY: University of South Dakota. BUSINESS ADDRESS: Vermillion. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same.

Personnel

DirectorB. B. Brackett

POLICIES

Station does not sell time.

KWTN

WATERTOWN-EST, 1928

FREQUENCY: 1210 Kc. POWER: 100 Watts. OWNED BY: The Greater Kampeska Radio Corp. OPERATED BY: The Greater Kampeska Radio Corp. BUSINESS ADDRESS: Midland National Life Insurance Co. Bldg. STUDIO ADDRESS: Midland National Life Insurance Co. Bldg.; Watertown Public Schools; Schaller's Department Store. TRANSMITTER LOCATION: Mellette Hill. TIME ON THE AIR: 6:30 A.M. to 10:00 P.M.; Sunday, 9:00 A.M. to 6:00 P.M.

Personnel

Business Manager......M. W. Plowman

REPRESENTATIVE

Cox & Tanz

WNAX

YANKTON—EST. 1927

COLUMBIA BROADCASTING SYSTEM FREQUENCY: 570 Kc. POWER: 5000 watts, d.; 1000 watts, n. OWNED BY: WNAX Broadcasting Co. OPERATED BY: WNAX Broadcasting Co. BUSINESS ADDRESS: Second and Capitol. PHONE: 484. STUDIO ADDRESS: Second & Capitol. TRANSMITTER LOCATION: 4½ miles E. of Yankton. TIME ON THE AIR: 6:00 a.m. to 12:00 midnight—(Daily) 8:00 a.m. to 12:00 Midnight—(Sundays). NEWSPAPER AFFILIATIONS: Yankton Press and Dakotan. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: Standard Radio Library.

Personnel

President Chas, H. Gurney
Station Manager- Commercial
Manager Ted Matthews
Chief Engineer Clifton M. Todd

REPRESENTATIVE

The Katz Agency

TENNESSEE

Population 2,893,000

Number of Families 689,000

Number of Radio Homes 459,900

Retail Sales \$482,586,000

Auto Registrations 339,000

WOPI

"THE VOICE OF THE APPALACHIANS"
BRISTOL—EST. 1929

FREQUENCY: 1500 Kc. POWER: 100 Watts. OWNED BY: Radiophone Broadcasting Station WOPI. OPERATED BY: Radiophone Broadcasting Station WOPI. BUSINESS ADDRESS: 410 State St. PHONE: WOPI. STUDIO ADDRESS: 410 State St. TRANSMITTER LOCATION: 22nd and State St. TIME ON THE AIR: 6:00 A.M. to 10:00 P.M.: Saturday, 6:00 A.M. to 11:00 P.M.; Sunday, 8:00 A.M. to 10:00 P.M. MAINTAINS ARTISTS' BUREAU. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: World Broadcasting System, NBC Thesaurus, Standard Radio.

Personnel

Musical Director Fey Rogers Publicity Director and Continuity,

Harry Hudson Chief Engineer.....Robert Smith

POLICIES

Does not accept liquor advertising or foreign language accounts.

Personal contact, window cards, etc., as merchandising aids.

REPRESENTATIVE

Burn-Smith Co.

WAPO

"CHATTANOOGA'S FRIENDLY STATION"
CHATTANOOGA—EST. 1936

NBC-BLUE

FREQUENCY: 1420 Kc. POWER: 250 watts, d.; 100 watts, n. OWNED BY: W. A. Patterson. OPERATED BY: W. A. Patterson. OPERATED BY: W. A. Patterson. BUSINESS ADDRESS: Read House. PHONE: 6-141-6-6142. STUDIO ADDRESS: Read House. TRANSMITTER LOCATION: Foust St. and Rossville Blvd. TIME ON THE AIR: 6:00 A.M. to 12:00 midnight. (CST). NEWS SERVICE: International News Service. TRANSCRIPTION SERVICE: NBC Thesaurus and Standard Radio. MAINTAINS ARTISTS' BUREAU.

Personnel

Owner	W. A. Patterson
General Manager	.R. G. Patterson
Chief Announcer	Alex Keirsey
Publicity Director	R. N. Krepps
Musical Director	.W. R. Johnston
Chief Engineer	B. B. Barnes
POLICIES	

No liquor advertising accepted. Has special merchandising plans.

WDOD

CHATTANOOGA—EST. 1925
COLUMBIA BROADCASTING SYSTEM
FREQUENCY: 1280 Kc. POWER: 5000 watts
to LS. 1000 watts, n. OWNED BY: WDOD
Broadcasting Corp. OPERATED BY: WDOD

WOPI BRISTOL TENN. - VA.

Has a total of 72,900 radio homes within a radius of fifty miles.

Completely dominates the listening habits of this large audience because of the high mountain barriers both to the East and West which makes reception to distant stations almost impossible.

Broadcasting Corp. BUSINESS ADDRESS: Hotel Patten. PHONE: 6-5117. STUDIO ADDRESS: Hotel Patten. TRANSMITTER LOCATION: 6 miles from heart of city. TIME ON THE AIR: 6:00 A.M. to 12:05 A.M. MAINTAINS ARTISTS' BUREAU. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: World Broadcasting System.

Personnel

President	Norman A. Thomas
Station Manager	Frank S. Lane
Commercial Manager	Carter M. Parham
Artists Bureau Head	D. W. McCurdy
Chief Engineer	J. R. Donovan

POLICIES

No hard liquor accounts. No demand for foreign language programs due to the audience being native born.

Will furnish complete merchandising service. The amount depends to a large extent on the size of the campaign.

REPRESENTATIVE

Paul H. Raymer Company

WTJS

JACKSON—EST. 1930

FREQUENCY: 1310 Kc. POWER: 250 watts, d.; 100 watts, n. OWNED BY: Sun Pub. Co. OPERATED BY: Sun Pub. Co. BUSINESS ADDRESS: Sun Bldg. PHONE: 3340-3341-1106-1107. MAIN STUDIO ADDRESS: Sun Bldg. OTHER STUDIOS: Union City, Milan, Humboldt, Martin, and Lexington. TIME ON THE AIR: 7:00 a.m. to 11:00 p.m. Maintains ARTISTS BUREAU. NEWSPAPER AFFILIATIONS: The Jackson Sun. NEWS SERVICE: Associated Press (non-commercial). TRANSCRIPTION SERVICES: NBC Thesaurus.

Personnel

President
Business-Commercial Manager. A. B. Robinson
Advertising ManagerBill Winsett
Artists' Bureau HeadJames Allen
Chief Announcer
Publicity DirectorLeslie Brooks
Musical Director
Chief Engineer

POLICIES

Does not accept foreign language or hard liquor advertising. No foreign population. Accepts wine and beer accounts.

Offers a complete merchandising service, including letters to the trade, counter and window displays, generous publicity in affiliated paper.

REPRESENTATIVE The Branham Company

w i'u i

JOHNSON CITY—EST. 1938

FREQUENCY: 1200 Kc. POWER: 250 Watts, d.; 100 Watts, n, OWNED BY: W. Hanes Lan-

caster and J. W. Birdwell. OPERATED BY:
Johnson City Broadcasting Co. BUSINESS
ADDRESS: P. O. Box 871. STUDIO ADDRESS:
412 S. Roan St. PHONE: 189. TRANSMITTER LOCATION: Johnson City. PHONE: 2211.
TIME ON THE AIR: 7:00 A.M. to 11:00 P.M.
NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: Standard Radio.

Personne!

Co-managers

W. Hanes Lancaster, J. W. Birdwell
Commercial Manager ... J. D. Schacklett
Program Director ... Dick Altman
Chief Engineer ... O. K. Garland

WNOX

"TENNESSEE'S OLDEST STATION"

KNOXVILLE—EST. 1921

COLUMBIA BROADCASTING SYSTEM

FREQUENCY: 1010 Kc. POWER: 5000 watts, d.: 1000 watts, n. OWNED BY: Scripps-Howard Radio, Inc. OPERATED BY: Scripps-Howard Radio, Inc. BUSINESS ADDRESS: 110-112 S. Gay St. PHONE: 3-3171-5. STUDIO ADDRESS: 110-112 S. Gay St. TRANSMITTER LOCATION: Beverly and Anderson Road. TIME ON THE AIR: 5:30 A.M. to 1:00 A.M.: Sunday, 7:00 A.M. to 12:00 midnight. NEWS-PAPER AFFILIATION: Knoxville News-Sentinel. NEWS SERVICE: United Press. MAINTAINS ARTISTS' BUREAU. TRANSCRIPTION SERVICE: Associated Library, Standard Radio.

Personne!

General	Manager	. R.	В.	We	ste	rgaard
Program	Director	I	owe	ell :	Bla	nchard
Publicity	Director			C.	В.	Dav:s
Cashier-C	Office Manager			P c	tul	Healy
Chief En	gineer		J	. В.	Εp	person

POLICIES

No liquor advertising of any kind except beer and wine—no foreign language programs or announcements. All program copy subject to censorship of station.

Station has complete merchandising department with the following services available: window displays in street-front studios; bill-boards; movie trailers; taxicab tire covers; dealer calls; full column daily in affiliated newspaper; direct-mailing; sampling of studio audiences, etc.

REPRESENTATIVE

The Katz Agency

WROL

KNOXVILLE—EST. 1927

NBC—(RED & BLUE)

FREQUENCY: 1310 Kc. POWER: 250 Watts, d.; 100 Watts, n. OWNED BY: Stuart Broadcasting Corp. OPERATED BY: Same. BUSINESS ADDRESS: 524 S. Gay St. PHONE: 2-7112. STUDIO ADDRESS: Same. TRANSMIT-

TER LOCATION: Same. TIME ON THE AIR: 5:30 A.M. to midnight; Sunday, 8:00 A.M. to midnight. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: NBC Thesaurus.

Personnel

President	. S.	E.	Adcock
Station Manager	C.	H.	Frazier
Commercial Manager	Rol	and	Weeks
Chief Engineer	J	оe	Wofford

POLICIES

Does not accept liquor advertisements or foreign language programs. Does accept beer advertising.

REPRESENTATIVE

John Blair & Co.

WHBQ

"THIS IS THE FRIENDLIEST SPOT ON YOUR DIAL"

MEMPHIS—EST. 1925

FREQUENCY: 1370 Kc. POWER: 100 Watts. OWNED BY: Broadcasting Station WHBQ. Inc. OPERATED BY: Broadcasting Station WHBQ, Inc. BUSINESS ADDRESS: Hotel Claridge. PHONE: 8-6868. STUDIO ADDRESS: Hotel Claridge. TRANSMITTER LOCATION: 46 Neely St. TIME ON THE AIR: 7:00 a.m. to 11:00 p.m. Maintains ARTISTS BUREAU. NEWS SERVICE: Local. TRANSCRIPTION SERVICE: Full Facilities.

Personnel

PresidentThos. Thompson
General ManagerE. A. Alburty
Chief AnnouncerEmmett McMurray
Sales ManagerE. Pournelle
Publicity DirectorBert Ferguson
Artists' Bureau Head and
Musical DirectorJ. M. Klaer
Chief Engineer

POLICIES

Hard liquor advertising not accepted. Beer and wine accounts acceptable. Proprietary accounts subject to rigid copy censorship.

REPRESENTATIVE

J. J. Devine & Associates

WMC

"MEMPHIS-DOWN IN DIXIE"

MEMPHIS-EST. 1923

NBC-(RED)

FREQUENCY: 780 Kc. POWER: 5000 Watts, d.; 1000 Watts, n. OWNED BY: Commercial Appeal Co. OPERATED BY: Commercial Appeal Co. BUSINESS ADDRESS: Hotel Gayoso. PHONE: 8-7464. STUDIO ADDRESS: Hotel Gayoso. TRANSMITTER LOCATION: 5 Points. Tenn. TIME ON THE AIR: 6:00 A.M. to 12:00 midnight. NEWSPAPER AFFILIATIONS: Com-

mercial Appeal. NEWS SERVICES: A.P. and Press Radio. TRANSCRIPTION SERVICES: NBC Thesaurus and NAB Library.

Personnel

General Manager
Commercial ManagerJ. C. Eggleston
Chief AnnouncerEarl Moreland
Program DirectorJohn Cleghorn
Musical DirectorLeonard McEwen
Chief Engineer

POLICIES

Liquor programs accepted after 10 P.M. Foreign programs must be (copy) translated in English due to limited foreign population.

Maintains a comprehensive merchandising and exploitation policy.

REPRESENTATIVE

The Branham Company

WMPS

"THE MEMPHIS BLUE NETWORK STATION"

"THE VOICE OF SPORTS"

MEMPHIS—EST. 1925

NATIONAL BROADCASTING CO. (BLUE)
FREQUENCY: 1430 Kc. POWER: 1000 Watts,
d.; 500 Watts, n. OWNED BY: Memphis
Broadcasting Co. OPERATED BY: Same.
BUSINESS ADDRESS: Columbian Tower.
PHONE: 5-2721. STUDIO ADDRESS: Same.
TRANSMITTER LOCATION: 1690 S. Lauderdale. TIME ON THE AIR: 7:00 A.M. to 11:30
P.M. NEWSPAPER AFFILIATION: Memphis
Press-Scimitar. TRANSCRIPTION SERVICES:
Associated. Standard Radio.

Personnel

President	Jacl	k Howard
Vice President-General		
Manager	J. C.	Hanrahan
Chief Engineer	J. P	. Epperson

POLICIES

Station maintains thorough merchandising facilities which include newspaper publicity, direct mail, billboards, merchandise displays in downtown studios, movie trailers and assistance to accounts in distribution, display, etc.

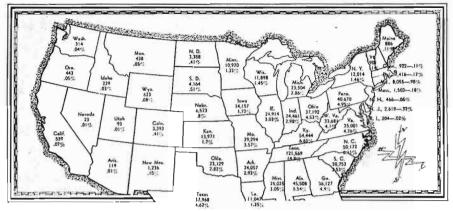
REPRESENTATIVE

Weed & Co.

WREC

MEMPHIS—EST. 1922

COLUMBIA BROADCASTING SYSTEM FREQUENCY: 600 Kc. POWER: 5000 Watts. OWNED BY: WREC, Inc. OPERATED BY: WREC, Inc. BUSINESS ADDRESS: Hotel Peabody. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Memphis. TIME ON THE AIR: 6:30 A.M. to 12:00 midnight. NEWS



AMERICA HEARS US -but Nobody Makes it Listen

MUCH is said about the value of voluntary circulation to an advertiser. Yet everyone seems to overlook the fact that every radio audience is voluntary. No one tunes to a given station except of his own free will, nor stays tuned unless what he hears pleases him.

The map above is undisputable proof that many thousands, outside of WSM's primary sphere of influence, not only listen but are enough impressed by what they hear to write a letter. Why should this be?

Simply because WSM offers a service or an entertainment which these people want, and cannot find elsewhere. They tune to WSM because of a definite broadcasting character which experience has taught them to be trustworthy. They represent a tremendous voluntary circulation built by the simple expedient of thinking in terms of what they want and need.

May we show you how much the purchasing power of this voluntary circulation can stimulate the sale of your product?



The Faith of Our Audience Comes First

SERVICE: United Press. TRANSCRIPTION SERVICE: World Broadcasting System.

Personnel

President-General Manager...Hoyt B. Wooten POLICIES

Liquor advertising acceptable after 10:00 P.M.

REPRESENTATIVE

The Katz Agency

WLAC

NASHVILLE—EST. 1926

COLUMBIA BROADCASTING SYSTEM FREQUENCY: 1470 Kc. POWER: 5000 Watts. OWNED BY: J. T. Ward. OPERATED BY: WLAC Broadcasting Service. BUSINESS ADDRESS: Third National Bank. PHONE: 7-3425. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Dixie Highway. TIME ON THE AIR: 6:00 A.M. to 12:00 midnight. NEWS SERVICES: United Press. TRANSCRIPTION SERVICES: World Broadcasting System.

Personnel

Owner	J. T. Ward
Station and Sales Manager	F. C. Sowell
Publicity Director	Paul Oliphant
Program Director	Tim Sanders
Musical Director	. Charles Nagy
Chief Engineer	F. D. Binns

POLICIES

Beer acceptable, but no liquor advertising. No calls for foreign language programs. Medicine accounts accepted with reservations.

Monthly bulletins sent to retail druggists and grocers; monthly calls made on drug trade; distribution of display material.

REPRESENTATIVE

Paul H. Raymer Company

WSIX

"VOICE OF NASHVILLE"

NASHVILLE-EST. 1927

FREQUENCY: 1210 Kc. POWER: 250 Watts. OWNED BY: WSIX, Inc. OPERATED BY: WSIX, Inc. OPERATED BY: WSIX, Inc. BUSINESS ADDRESS: Andrew Jackson Hotel. PHONE: 5-5431. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Third and Boscobal Sts. TIME ON THE AIR: 6:00 A.M. to midnight. MAINTAINS ARTISTS' BUREAU. NEWS SERVICE: Nashville Banner. TRANSCRIPTION SERVICES: Standard Radio, C. P. MacGregor, NBC Thesaurus.

Personnel

President	. Jack	M.	Dro	rughon
Director		Jir	n	Turner
Chief Engineer		В.	E.	Porter

POLICIES

Does not accept liquor accounts.

REPRESENTATIVE

Sears & Ayer

WSM

"WE SHIELD MILLIONS"

NASHVILLE—EST. 1925

NATIONAL BROADCASTING CO.

FREQUENCY: 650 Kc. POWER: 50,000 watts. OWNED BY: National Life & A. Insurance Co. OPERATED BY: Same. BUSINESS ADDRESS: National Bldg. PHONE: 6-7181. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: 6 miles north Franklin. TIME ON THE AIR: 6:30 A.M. to midnight (C.S.T.). NEWS SERVICE: International News Service. MAINTAINS ARTISTS' BUREAU.

Personnel

Vice-President	Edwin W. Craig
Station Manager	
Commercial Manager	Harbin Daniel
Artists Bureau Head	
Publicity Director	Jack Harris
Musical Director	Peter Brescia
Chief Engineer	J. H. DeWitt, Jr.

POLICIES

No stated special policies.

Merchandising: A complete service to advertisers presenting regular programs; merchandising department will help plan cooperative efforts, if desired.

REPRESENTATIVE

Edward Petry & Co.



New modern studios and offices top floor Third National Bank Building. Complete new Western Electric studio and control room equipment.

I. T. WARD, Owner

F. C. Sowell, General Manager

PAUL H. RAYMER & Co., National Representatives

Member Station CBS and affiliated with World Transcription System

TEXAS

Population 6,172,000

Number of Families 1,516,000

Number of Radio Homes 1,033,500

Retail Sales \$1,289,264,000

Auto Registrations 1,230,000

KRBC

ABILENE—EST. 1936

MUTUAL BROADCASTING SYSTEM TEXAS STATE NETWORK

FREQUENCY: 1420 Kc. POWER: 250 Watts, d.; 100 Watts, n. OWNED BY: Reporter Broadcasting Co. OPERATED BY: Same. BUSINESS ADDRESS: Hilton Hotel. PHONE: 5255 Studio: 3542 Transmitter. STUDIO ADDRESS: Hilton Hotel. TRANSMITTER LOCATION: 341 Ambler St. TIME ON THE AIR: 7:00 A.M. to 11:00 P.M. NEWSPAPER AFFILIATION: Reporter-News. NEWS SERVICE: Associated Press (non-commercial). TRANSCRIPTION SERVICE: C. P. MacGregor.

Personnel

PresidentBernard Hanks
Station Manager
Commercial ManagerPoole Robertson
Program DirectorDouglas Doan
Chief Engineer

POLICIES

Does not accept liquor advertising. Will take foreign language accounts only with translation to also go on the air.

REPRESENTATIVE
Joseph Hershey McGillven

K F D A *

AMARILLO-EST, 1939

FREQUENCY: 1500 Kc. POWER: 100 Watts. OWNED BY: Amarillo Broadcasting Corp. OPERATED BY: Same. BUSINESS ADDRESS: Nunn Bldg. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: Full time license. TRANSCRIPTION SERVICE: Standard Radio.

Personnel

General Manager ... C. S. Gooch
Station Director ... R. MacKenzie
*Station was licensed to operate under a

C. P. No further information was available at time of going to press.

KGNC

"HEREFORD CAPITOL OF THE WORLD"

AMARILLO—EST. 1924

NBC (Optional Red and Blue)
TEXAS STATE NETWORK
FREQUENCY: 1410 Kc. POWER: 2500

Watts, d.; 1000 Watts, n. OWNED BY: Plains Radio Broadcasting Co. OPERATED BY: Plains Radio Broadcasting Co. BUSINESS ADDRESS: 8th & Harrison. PHONE: 4242. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: 2 miles east of city. TIME ON THE AIR: 6 A.M. to 12:00 midnight. MAINTAINS ARTISTS' BUREAU. NEWSPAPER AFFILIATIONS: Amarillo Globe-News, Lubbock Avalanche Journal. NEWS SERVICE: United Press. TRANSCRIPTION SERVICES: World Broadcasting System, NAB Library.

Personnel

PresidentO. L. Taylor
Station and Commercial
ManagerJohn Ballard
Artists' Bureau Head and
Musical DirectorEddie Baumel
Chief Engineer W. S. Bledsoe
Production ManagerDave Clark
Merchandise Manager, Raymond Hollingsworth
POLICIES

No hard liquor; wine only after 9 P.M.

Merchandising: Complete service offered without charge except such as involves printed matter for which advertiser is billed at actual cost; service includes letters to trade, market surveys, contacts with distributors and jobbers, window and store displays, personal calls, etc., special services at cost.

REPRESENTATIVE

Howard H. Wilson Co.

KNOW

"SERVING AUSTIN AND CENTRAL TEXAS 17½ HOURS OUT OF EVERY 24" AUSTIN—EST. 1923

MUTUAL BROADCASTING SYSTEM TEXAS STATE NETWORK

FREQUENCY: 1500 Kc. POWER: 100 Watts. OWNED BY: KUT Broadcasting Co. OPERATED BY: Same. BUSINESS ADDRESS: Norwood Bldg. PHONE: 2-6213-4. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 6:30 A.M. to midnight. NEWS SERVICE: International News Service. MAINTAINS ARTISTS BUREAU. TRANSCRIPTION SERVICE: Associated Music Library.

Personnel

General Manager......James W. Pate Commercial Manager.....Paul Forchheimer

Program DirectorPat Adelman
Production ManagerFrank Ruetz
Chief Engineer

POLICIES

Has restricted policy on commercial pro-

Maintains complete merchandising and promotion service.

REPRESENTATIVE

International Radio Sales

KTBC

AUSTIN-EST, 1937

FREQUENCY: 1120 Kc. POWER: 1000 Watts. OWNED BY: State Capitol Broadcasting Assn. (R. B. Anderson, President). OPERATED BY: State Capital Broadcasting Association, BUSI-NESS ADDRESS: Austin. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Near Austin. TIME ON THE AIR: Specified Daytime Hours with WTAW.

Personnel

* Operating under C.P. issued by FCC, at time of going to press.

K F D M

"KALL FOR DEPENDABLE MAGNELINE" BEAUMONT—EST. 1924

NATIONAL BROADCASTING COMPANY FREQUENCY: 560 Kc. POWER: 1000 Watts, d.; 500 Watts, n. OWNED BY: Magnolia Petroleum Co. OPERATED BY: Sabine Broadcasting Co., Inc. BUSINESS ADDRESS: 310 Pearl St. PHONE: 3882. STUDIO ADDRESS: Grove and Doucette Sts. PHONE: 2873. TRANSMITTER LOCATION: Beaumont. TIME ON THE AIR: (daily) 6:00 A.M. to midnight; (Sunday) 7:00 A.M. to midnight. TRANSCRIP-TION SERVICE: World Broadcasting System and NBC Thesaurus, C. P. MacGregor.

Personne!

President and General Manager . J. M. Gilliam
Artists' Bureau HeadG. W. Caldwell
Sales Manager
Chief Engineer

POLICIES

Accepts beer, light wine and liquors, but does not use the word "whiskey."

Cooperates with clients through brokers, wholesalers, and distributors. Mails out letters on own stationery, under first class mail to retailers. Maintains 100 per cent cooperation with local newspapers.

REPRESENTATIVE

John Blair & Co.

KRIC*

BEAUMONT-EST, 1939

FREQUENCY: 1420 Kc. POWER: 250 Watts, d.; 100 Watts, n. OWNED BY: Beaumont Broadcasting Association. OPERATED BY: Same, BUSINESS ADDRESS: Beaumont, STU-DIO ADDRESS: Same. TRANSMITTER LOCA-TION: Same. TIME ON THE AIR: Full Time License.

Personnel

President.....B. A. Steinhagen

*Station was licensed to operate under a C. P. and no further information was available at time of going to press.

KBST

"LEND US YOUR EARS"

BIG SPRING-EST. 1936 MBS—TEXAS STATE NETWORK

FREQUENCY: 1500 Kc. POWER: 100 watts. OWNED BY: Big Spring Herald Broadcasting Co. OPERATED BY: Same. BUSINESS AD-DRESS: Crawford Hotel. PHONE: 1500-1. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: One mile east of town. TIME ON THE AIR: 7:00 A.M. to 9:00 P.M. NEWS-PAPER AFFILLIATION: Big Spring Herald. THE AIR: 7:00 A.M. to 11:00 P.M. NEWS-NEWS SERVICE: United Press (via Texas State Network). TRANSCRIPTION SERVICES: NBC Thesaurus and Standard Radio.

Personnel

Manager
Commercial ManagerJack Wallace
Program DirectorMary Vance Keneaster
Chief Engineer

POLICIES

No stated special policies.

Merchandising: Station offers program merchandising facilities through the Big Spring Herald and station publicity department.

REPRESENTATIVE

Joseph Hershey McGillyra

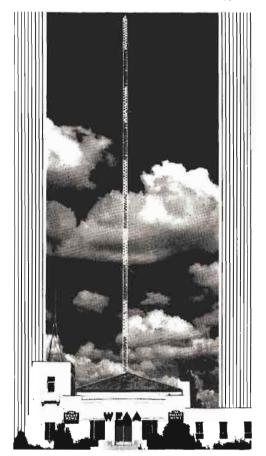
KNEL

"YOUR FRIEND OF THE AIR"

BRADY-EST, 1935

FREQUENCY: 1500 Kc. POWER: 250 Watts. OWNED BY: G. L. Burns. OPERATED BY: G. L. Burns. BUSINESS ADDRESS: Gibbons Bldg. PHONE: 77. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: East Brady. TIME ON THE AIR: 7:00 A.M. to 1:00 P.M. and 3:00 P.M. to 6:00 P.M.; Sunday, 8:00 A.M. to 1:00 P.M. and 3:00 P.M. to 5:00 P.M. NEWS SERVICE: San Angelo Morning Times; Local news tie-up. TRANSCRIPTION SERVICE: C. P. MacGregor.

WFAA'S 50,000 Watt Coverage, ALREADY LARGEST IN THE U.S. IS NOW INCREASED 30 % *



WFAA's new 653 foot vertical radiator adds 30% to the largest 50 KW primary coverage in the United States . . . to a cital coverage that emanates from prosperous Dallas and thoroughly blankets the North Texas-Oklahoma region which is a consistently "Bright Spot" on the Nation's business maps. With a performance record of 17 years' standing WFAA has always been the outstanding radio investment in the Great Southwest. Now this station has more to offer than eyer before!

The 30% primary coverage increase is a preliminary engineers' estimate, as technical surveys have not been fully completed. New maps and market data will be published soon. Ask to have your name on the mailing list.

"Your Neighbor of the Air"

WFAA

50,000 WATTS 800 K.C. MARTIN CAMPBELL, Gen. Mgr. Radio Service of The Dallas News

Personnel

General Manager	L. Burns
Commercial ManagerJohn	Sloane
Chief AnnouncerFo	rest Cox
Musical DirectorCecil	Streigler
Chief EngineerMarion (Crawford

POLICIES

No liquor advertising accepted.

REPRESENTATIVE

Cox & Tanz

KGFI

"THE VALLEY NEWS STATION"

BROWNSVILLE—EST, 1927

FREQUENCY: 1500 Kc. POWER: 100 Watts, n.; 250 Watts, d. OWNED BY: Eagle Broadcasting Co. OPERATED BY: Eagle Broadcasting Co., Inc. BUSINESS ADDRESS: Brownsville-San Benito Highway. PHONE: 1044 and 1046. STUDIO ADDRESS: Brownsville. TRANSMITTER LOCATION: Brownsville. TIME ON THE AIR: 7:00 A.M. to 10:00 P.M. (daily): 8:00 A.M. to 9:30 P.M. (Sundays). NEWS AFFILIATION: Brownsville Herald. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: World Broadcasting System.

Personne!

Vice President in Charge of	
Operations M. D. Gallagh	eı
Commercial Manager Grover A. Godfre	y
Chief Engineer	rd

POLICIES

Advertising of liquor with exception of beer, not accepted.

Merchandising: Station provides field work including dealer and consumer contacts; window display. Services also include directmail, etc. for listener build-up; supervision of sampling for advertiser, all under direction of merchandise man.

WTAW

COLLEGE STATION—EST. 1921 TEXAS QUALITY NETWORK

FREQUENCY: 1120 Kc. POWER: 500 Watts. OWNED BY: A. & M. College. OPERATED BY. A. & M. College. BUSINESS ADDRESS: College Station. PHONE: 255. STUDIO ADDRESS: College Station. TRANSMITTER LOCATION: College Station.

Personnel

Station Manager	<i></i> E	. P.	Humbert
Musical Director	Mrs. R	oy 1	Dansforth
Chief Engineer	H. (C. Di	illingham

POLICIES

Non-Commercial.

KRIS

CORPUS CHRISTI—EST. 1937
NATIONAL BROADCASTING CO.
TEXAS STATE NETWORK

FREQUENCY: 1330 Kc. POWER: 500 Watts. OWNED BY: Gulf Coast Broadcasting Co. OPERATED BY: Same. BUSINESS ADDRESS: Medical and Professional Bidg., P. O. Box 1128. PHONE: 475. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Corpus Christi. NEWSPAPER AFFILIATION: Corpus Christi Caller-Times. TRANSCRIPTION SERVICE: C. P. MacGregor.

Personnel

REPRESENTATIVE

The Branham Co.

KAND

CORSICANA—EST. 1937 TEXAS STATE NETWORK

FREQUENCY: 1310 Kc. POWER: 100 Watts. OWNED BY: Navarro Broadcasting Assn. OPERATED BY: Navarro Broadcasting Assn. BUSINESS ADDRESS: State Natl. Bank Bldg. PHONE: 30. STUDIO ADDRESS: State Natl. Bank Bldg. TRANSMITTER LOCATION: Highway 75. TIME ON THE AIR: 6:00 A.M. to local sunset. NEWS SERVICE: Transradio Press. MAINTAIN: ARTISTS' BUREAU. TRANSCRIPTION SERVICE: Standard Radio.

Personnel

President	C. West
Station Manager	Whittier
Chief Engineer B. C. 1	Boatriaht

POLICIES

No stated special program policies.

Flexible merchandising plan embracing all media: Campaign dependent on nature of program.

KRLD

DALLAS-EST, 1926

COLUMBIA BROADCASTING SYSTEM FREQUENCY: 1040 Kc. POWER: 10,000 Watts. (C. P. for 50,000 Watts.) OWNED BY: KRLD Radio Corp. OPERATED BY: KRLD Radio Corp. BUSINESS ADDRESS: Adolphus Hotel. PHONE: 2-6811. STUDIO ADDRESS: Adolphus Hotel. TRANSMITTER LOCATION: Garland. TIME ON THE AIR: 6:00 A.M. to midnight. NEWSPAPER AFFILIATION: Dallas Times Herald. NEWS SERVICE: International News Service. TRANSCRIPTION SERVICES: C. P. MacGregor.

Personnel

President	Tom C. Gooch
Managing Director	J. W. Runyon
Station & Com. Mgr	C. W. Rembert
Chief Announcer	Royce Colon
Program Director	Ruth Clem
Chief Engineer	R. M. Flynn

POLICIES

Does not accept liquor accounts.

REPRESENTATIVE

The Branham Co.

WFAA

"YOUR NEIGHBOR OF THE AIR"

DALLAS—EST. 1922

NBC—RED and TEXAS QUALITY
FREQUENCY: 800 Kc. POWER: 50,000
Watts. OWNED BY: A. H. Belo Corp. OPERATED BY: A. H. Belo Corp. and The Dallas
Morning News. BUSINESS ADDRESS: Baker
Hotel. PHONE: 7-9631, LD 794. STUDIO ADDRESS: Baker Hotel. TRANSMITTER LOCATION: Grapevine. TIME ON THE AIR: WFAAWBAP operated continuously 5:45 A.M. to
midnight (daily): 8:00 A.M. to midnight (Sunday). NEWSPAPER AFFILIATIONS: The Dallas Morning News. NEWS SERVICES: United
Press and Associated Press. TRANSCRIPTION
SERVICE: NBC Thesaurus.

Personnel

General Manager	.Martin Campbell
Merchandising Manager	Irvin Gross
Program Director	Ralph Nimmons
Regional Sales Manager	Alex Keese
Publicity Director	Dick Jordan
Musical Director	Karl Lambertz
Chief Engineer	Raymond Collins

POLICIES

Beer accepted but no other alcoholic beverage.

Merchandising department maintains close contact with chains, wholesale houses, department stores and distributing firms. Advisory service and limited cooperation in making personal contacts and surveys without charge. All other services rendered at actual net cost to station.

REPRESENTATIVE

Edward Petry & Co., Inc.

WRR

"WORLD'S OLDEST MUNICIPAL STATION"

DALLAS-EST, 1920

MUTUAL BROADCASTING SYSTEM

TEXAS STATE NETWORK

FREQUENCY: 1280 Kc. POWER: 500 Watts. OWNED BY: City of Dallas. OPERATED BY: City of Dallas. BUSINESS ADDRESS: South-

land Life Bldg. PHONE: 2-1411. STUDIO ADDRESS: Southland Life Bldg. TRANSMITTER LOCATION: Fair Park. TIME ON THE AIR: 7:00 A.M. to 12:30 A.M. NEWSPAPER AFFILIATION: Dallas Dispatch (no financial connection). NEWS SERVICES: Transradio Press. (via Texas State Network). MAINTAINS ARTISTS' BUREAU.

Personnel

Managing Director	.John Thorwold
Assistant Manager	Chas. B. Jordan
Chief Announcer	Pete Teddlie
Publicity Director	Jack Mitchell
Musical Director	Aurray Lambert
Chief Engineer	D. J. Tucker

POLICIES

No special stated program policies.

Merchandising department only at cost to advertiser for services desired and rendered.

K D N T*

DENTON-EST, 1939

FREQUENCY: 1420 Kc. POWER: 100 Watts. OWNED BY: Harwell V. Shepard. OPERATED BY: Same. BUSINESS ADDRESS: Denton. STU-DIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: Daytime License.

Personnel

KFPL

"KIND FRIENDS PLEASE LISTEN"

DUBLIN-EST. 1924

FREQUENCY: 1310 Kc. POWER: 250 Watts, d.; 100 Watts, n. OWNED BY: C. C. Baxter, OPERATED BY: C. C. Baxter. BUSINESS ADDRESS: 205 Grafton. PHONE: 183. STUDIO ADDRESS: 205 Grafton. TRANSMITTER LOCATION: Onehalf mile out of city limits. TIME ON THE AIRS: 6:00 A.M. to 3:00 P.M. and 5:15 P.M. to 8:15 P.M.; Sunday, 7:00 A.M. to 11:50 A.M. NEWS SERVICE: Christian Science Monitor.

Personnel

POLICIES

Accepts no liquor advertising.

KROD*

EL PASO

FREQUENCY: 1500 Kc. POWER: 100 Watts.
OWNED BY: Dorrance D. Roderick. OPER-

ATED BY: Dorrance D. Roderick. BUSINESS ADDRESS: El Paso. TIME ON THE AIR: Unlimited License. NEWSPAPER AFFILIATION: El Paso Times.

*C.P. by F.C.C. Issues were being determined by Court of Appeals, Washington, D. C.

KTSM

"THE VOICE OF EL PASO"

EL PASO-EST. 1929 NBC (OPTIONAL RED & BLUE)

FREQUENCY: 1310 Kc. POWER: 250 Watts, d.: 100 Watts, n. OWNED BY: Tri-State Broadcasting Co.. Inc. OPERATED BY: Same. BUSINESS ADDRESS: Hotel Paso del Norte. 200 So. El Paso St. PHONE: Main 46-7-8. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: 1001 Mills Bldg. TIME ON THE AIR: 6:30 A.M. to 11:30 P.M.; Sunday, 7:00 A. M. to 9:30 A.M., 12:00 noon to 7:30 P.M. and 9:00 P. M. to 11:00 P.M. NEWS SERVICE: United Press. TRANSCRIPTION SERVICES: World Broadcasting System, Standard Radio.

Personnel

President	. Mrs. L. E. Bredberg
General Manager	Karl O. Wyler
Sales Manager	Willard E. Kline
Program Director	Roy T. Chapman
Chief Engineer	E. L. Gemoets

POLICIES

No liquor advertising except beer and wine. No foreign language programs.

Merchandising: Assist in making displays, plugging program on air several days ahead of starting date . . . anything possible that will insure the success of the program.

REPRESENTATIVE

George P. Hollingbery Co.

WDAH

EL PASO-EST. 1929

FREQUENCY: 1310 Kc. POWER: 250 Watts, d.; 100 Watts, n. OWNED BY: Tri-State Broadcasting Co. OPERATED BY: Tri-State Broadcasting Co. BUSINESS ADDRESS: 200 S. El Paso St. PHONE: Main 46-7-8. STUDIO ADDRESS: 200 S. El Paso St. TRANSMITTER LOCATION: Mills Bldg. TIME ON THE AIR: (SUNDAYS only) 9:30 A.M. to noon—7:30 P.M. to 8:30 P.M.

Personnel

President	. L. E. Bredberg
Station Manager	Karl O Wyler

POLICIES

Non-commercial station. Used on Sundays only for the broadcasting of church services from Trinity Methodist Church, El Paso, Texas.

KFJZ

FORT WORTH—EST. 1922 MBS—TEXAS STATE NETWORK

FREQUENCY: 1370 Kc. POWER: 250 Watts. d.; 100 Watts, n. OWNED BY: Fort Worth Broadcasters, Inc. OPERATED BY: Fort Worth Broadcasters, Inc. BUSINESS ADDRESS: 1119 W. Lancaster. PHONE 3:3474-5-6, STUDIO ADDRESS: 1119 W. Lancaster. TRANSMITTER LOCATION: North Fort Worth. TIME ON THE AIR: 6:00 A.M. to 11:00 P.M. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: NBC Thesaurus.

Personnel

President Elliott Re	oosevelt
General ManagerSam H.	Bennett
Commercial ManagerJack	Howell
Program DirectorLen	Finger

POLICIES

All copy subject to approval of station management.

Merchandising: Local sales force cooperates with advertiser's sales force in promoting campaign through radio, posters and personal contacts.

REPRESENTATIVE

International Radio Sales

KGKO

"SERVING FORT WORTH, DALLAS AND THE GREAT SOUTHWEST"

FORT WORTH—EST. 1928 NBC (RED OR BLUE)

FREQUENCY: 570 Kc. POWER: 5000 Watts, d.; 1000 Watts, n. OWNED BY: Amon G. Carter. OPERATED BY: Same. BUSINESS ADDRESS: Star-Telegram Bldg. PHONE: 3-2301. STUDIO ADDRESS: Medical Arts Bldg. TRANSMITTER LOCATION: Arlington. TIME ON THE AIR: 6:00 A.M. to midnight. NEWSPAPER AFFILIATION: Fort Worth Star-Telegram. NEWS SERVICE: International News Service. TRANSCRIPTION SERVICE: World Broadcasting System, NAB Library.

Personnel

President	. Amon	G.	Carter
General Manager	. Harold	V.	Hough
Assistant General Manager.	. Georg	e C	ranston
Publicity, Promotion, and			
30 1 11 1			

Merchandising Manager.....Jack Keasler

Chief	Engineer								C	ζ.	В.	Locke
Program	n Director									,	Ed	Lalley

POLICIES

Does not accept liquor accounts; beer acceptable; good taste requirements on all programs.

Merchandising: Department maintained for servicing advertisers; service includes letters to dealers, free space in house organ, personal calls and publicity assistance.

REPRESENTATIVE

Free & Peters, Inc.

(See Page 384)

KTAT

"YOUR MUTUAL FRIEND IN FORT WORTH"

FORT WORTH-EST. 1927

MUTUAL—TEXAS STATE NETWORK FREQUENCY: 1240 Kc. POWER: 1000 watts. OWNED BY: Tarrant Broadcasting Co., Inc. OPERATED BY: Same. BUSINESS ADDRESS: Hotel Texas. PHONE: 3-1381-2-3, STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Birdville. TIME ON THE AIR: 6:30 A.M. to II:00 P.M. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: Standard Radio. MAINTAINS ARTISTS BUREAU.

Personnel

President	.Raymond E. Buck
Commercial Manager	Howard Foley
Artists Bureau Head	Roy S. George
Chief Announcer	Fritz Kunler
Station Manager	Sam H. Bennett
Program Director	Len Finger
Musical Director	Frances Kay
Chief Engineer	

POLICIES

Station abides by NAB code. Does not accept hard liquor advertising. Will accept foreign language accounts, but limited foreign population in this territory precludes possibility of such advertising.

Merchandising: Has use of five theatres in merchandising programs to theatre crowds—usual mail facilities to retail accounts for national advertisers. Arrangement with newspapers on publicity on talent and program without mentioning sponsor's name in writeup. Direct mail and other types of merchandising at cost. Special merchandising personnel calling on retail trade and national accounts without charge.

REPRESENTATIVE

Free & Peters, Inc.

TWO NBC STATIONS SERVING FORT WORTH DALLAS AND THE GREAT SOUTHWEST

Owned and Operated by

FORT WORTH STAR-TELEGRAM

Amon G. Carter, President

WBAP KGKO

800 Kilocycles - 50,000 Watts

 \star

WBAP, the Pioneer Station of Texas, was established in 1922 by The Fort Worth Star-Telegram. It always has been and continues to be a TOP STATION in the Southwest. Individual programming to fit its clientele.

Affiliated with National Broadcasting Company and Texas Quality Network.

Represented by Edward Petry & Co.

570 K. - 5,000 W. Day - 1,000 W. Night

KGKO offers a concentrated coverage of Fort Worth, Dallas, North Texas, Southern Oklahoma, and Western Arkansas—an area with 681,385 radio homes. New equipment throughout. Regional rates.

KGKO is affiliated with the National Broadcasting Company and is a tested station of the WTS Gold Group.

Represented by Free & Peters, Inc.

Address Both Stations
STAR-TELEGRAM BLDG., FORT WORTH
Harold V. Hough, Gen. Mgr.

Herbert Southard, Mgr. WBAP George Cranston, Mgr. KGKO

WBAP

FORT WORTH—EST. 1922

NBC-TEXAS QUALITY NETWORK

FREQUENCY: 800 Kc. POWER: 50,000 Watts. OWNED BY: Carter Publications, Inc. OPERATED BY: Star-Telegram. BUSINESS ADDRESS: 400 W. Seventh. PHONE: 3-2301. STUDIO ADDRESS: Blackstone Hotel. TRANSMITTER LOCATION: Grapevine. TIME ON THE AIR: 5:45 A.M., closes midnight (shared with WFAA). NEWSPAPER AFFILIATIONS: Fort Worth Star-Telegram. NEWS SERVICE: Associated Press (not open to sponsorship). TRANSCRIPTION SERVICE: World Broadcasting System, NAB Library.

Personnel

President	. Amon	G.	Carter
General Manager	. Harold	V.	Hough
Assistant General Manager	. Herb C	. So	uthard
Program Director	E	avi	d Byrn
Production Manager	A. M.	Wo	odford
Chief Engineer	R.	C. S	Stinson

POLICIES

Beer accounts accepted—but no hard liquor. Good taste requirements on all other programs.

All WBAP advertisers have access to Fort Worth Star-Telegram merchandising department—which is fully manned.

REPRESENTATIVE

Edward Petry & Company

KLUF

"KLUF IS FIRST WITH THE NEWS"

GALVESTON-EST. 1937

FREQUENCY: 1370 Kc. POWER: 250 Watts, d.; 100 Watts, n. OWNED BY: KLUF Broadcasting Co. OPERATED BY: Same. BUSINESS ADDRESS: 1225-23rd St. PHONE: 760. STUDIO ADDRESS: 1225-23rd St. TRANSMITTER LOCATION: American National Insurance Co. Bldg. TIME ON THE AIR: 7:00 A.M. to 11:00 P.M.—12:00 midnight to 1:00 A.M. NEWS SERVICE: Transradio. TRANSCRIPTION SERVICE: Standard Radio, C. P. MacGregor.

Personnel

POLICIES

No stated special policies.

KGVL*

GREENVILLE-EST. 1937

FREQUENCY: 1200 Kc. POWER: 100 Watts.
OWNED BY: Hunt Broadcasting Assn. (Fred
Horton, President). OPERATED BY: Hunt

Broadcasting Association. BUSINESS ADDRESS: Greenville. STUDIO ADDRESS: Same. TRANS-MITTER LOCATION: Same. TIME ON THE AIR: Daytime License. NEWSPAPER AFFILIATION: Stockholders are interested in newspaper publications.

Personnel

PresidentFred Horton

*Station was licensed to operate under C.P. issued by FCC, at time of going to press.

KPRC

"THE HOUSTON PAST"
HOUSTON—EST. 1925
NBC—TEXAS QUALITY NETWORK

FREQUENCY: 920 Kc. POWER: 5000 Watts, d.; 1000 Watts, n. OWNED BY: Houston Printing Corp. OPERATED BY: Same. BUSINESS ADDRESS: Lamar Hotel. PHONE: Fairfax 7101. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Deepwater. TIME ON THE AIR: 6:00 A.M. to midnight. NEWSPAPER AFFILIATION: The Houston Post. TRANSCRIPTION SERVICE: NBC Thesaurus.

Personnel

PresidentW.	P. Hobby
Station Manager	Kern Tips
Chief Engineer	Wheeler

POLICIES

Advertising of alcoholic beverages accepted.

REPRESENTATIVE Edward Petry & Co.

KTRH

"THE CHRONICLE STATION"

HOUSTON—EST. 1930 COLUMBIA BROADCASTING SYSTEM

FREQUENCY: 1290 Kc. POWER: 5000 Watts, d.; 1000 Watts, n. OWNED BY: KTRH Broadcasting Co. OPERATED BY: Houston Chronicle. BUSINESS ADDRESS: Rice Hotel. PHONE: Preston 4361—Capitol 1992. STUDIO ADDRESS: Rice Hotel. TRANSMITTER LOCATION: Deepwater. TIME ON THE AIR: 6:30 A.M. to midnight (daily); 7:45 A.M. to midnight (Sunday). NEWSPAPER AFFILIATION: Houston Chronicle. NEWS SERVICE: Local News and thirty-word (Chronicle) National Flashes. TRANSCRIPTION SERVICE: Standard Radio.

Personnel

Station Manager	. <i>.</i>	B.	F.	Orr
Commercial Manager	Ray	E.	$\mathbf{B}\mathbf{r}$	ight
Program Director	H	arry	- 0	rier
Chief Engineer	т	am_	ч	inor

POLICIES

No liquor accounts accepted: light wines and beer accounts accepted. Foreign language programs acceptable in line with CBS policies. No patent medicine, cancer cures, etc., accepted. Any program of a radical nature subject to careful editing by program department. Social diseases discussed providing speaker is member of medical profession in high standing or under government supervision.

Maintains special merchandising and exploitation departments to conform with normal wishes of any advertiser.

REPRESENTATIVE

John Blair & Company

KXYZ

HOUSTON—EST. 1930

NATIONAL BROADCASTING CO. TEXAS STATE NETWORK

FREQUENCY: 1440 Kc. POWER: 1000 Watts. OWNED BY: Harris County Broadcast Co. OPERATED BY: Harris County Broadcast Co. BUSINESS ADDRESS: 5th floor, Gulf Bldg. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Houston. TIME ON THE AIR: 24 hours a day. MAINTAINS AN ARTIST BUREAU.

Personnel

Manager T. F. Smith

POLICIES

Merchandising and publicity departments are part of the regular service.

REPRESENTATIVE

The Branham Co.

KSAM

"THE HOME OF THE SAM HOUSTON STATE TEACHER'S COLLEGE"

HUNTSVILLE—EST. 1938

FREQUENCY: 1500 Kc. POWER: 100 Watts. OWNED BY: Sam Houston Broadcasting Association. OPERATED BY: Same. BUSINESS ADDRESS: 1121 Twelfth St. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Walker County Fair Grounds. TIME ON THE AIR: 6:30 A.M. to local sunset. NEWS SERVICE: United Press.

Personnel

Manager Harold C. Scott
Program Director Howard R. Holbrook
Chief Engineer Paul Wolfe

POLICIES

Advertising of alcoholic beverages not accepted.

KOCA

"KILGORE, THE OIL CAPITAL OF AMERICA"

KILGORE—EST. 1936

FREQUENCY: 1210 Kc. POWER: 250 Watts, d.; 100 Watts, n. OWNED BY: Oil Capitol Broadcasting Co. OPERATED BY: Same. BUSINESS ADDRESS: 102½ East North St. PHONE: 616. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Duval & Martin Sts. TIME ON THE AIR: 6:00 A.M. to 10:00 P.M. NEWSPAPER AFFILIATIONS: Kilgore Daily News. NEWS SERVICE: United Press. MAINTAINS ARTISTS' BUREAU. TRANSCRIPTION SERVICE: Standard Radio.

Personnel

General Manager						. Ro	y (G.	Terry
Station Manager						. H.	Ā.	D	egner
Chief Engineer	 						H.	C.	Slife

POLICIES

No stated special program policies.

KPAB

"THE STATION WHERE NATION MEETS NATION"

LAREDO-EST. 1938

FREQUENCY: 1500 Kc. POWER: 250 Watts, d.: 100 Watts, n. OWNED BY: Mervel M. Valentine. OPERATED BY: Mervel M. Valentine. BUSINESS ADDRESS: Hamilton Hotel. STUDIO ADDRESS: Same. TRANSMITTER LOCATION I Stone Ave. TIME ON THE AIR: 6:30 A.M. to 11:00 P.M. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: NBC Thesaurus.

Personnel

General Manager	. Mervel M. Valentine
Commercial Manager	R. W. Bennett
Program Director	

POLICIES

Station is equipped to handle announcements and programs in Spanish as well as English.

Merchandising: Any reasonable amount of assistance in sales and merchandising campaigns within the Laredo trade area is available.

REPRESENTATIVE

Forjoe & Company, New York

K F R O

"KEEP FOREVER ROLLING ON"

LONGVIEW—EST. 1934

MBS—TEXAS STATE NETWORK
FREQUENCY: 1370 Kc. POWER: 250 Watts.
OWNED BY: Voice of Longview. OPERATED
BY: Voice of Longview. BUSINESS ADDRESS:

Box 616. PHONE: 41I. STUDIO ADDRESS: 620 Glover Crim Bldg. TRANSMITTER LOCATION: S. Green at Radio Street. TIME ON THE AIR: 6:00 A.M. to local sunset. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: NAB Library. MAINTAINS ARTISTS' BUREAU.

Personnel

President-General Manager...James R. Curtis Secretary-Treasurer...Joan Thompson Commercial Manager...Harold C. Johnson Chief Announcer...John McDonald Chief Engineer...Edward Bumpass

POLICIES

Do not accept liquor accounts. No foreign language programs due to 99 per cent English speaking population.

Merchandising: Letters to dealers and prepare dealer mailing lists or routes. Furnish tie-in price cards and usual newspaper releases.

REPRESENTATIVES

John H. Reagin, Atlanta, Ga. Radio Time Agency, Chicago Walter Biddick, Los Angeles

K F Y O

"LUBBOCK, HUB OF THE PLAINS, HOME OF TEXAS TECH"

LUBBOCK—EST. 1927

MBS-TEXAS STATE NETWORK

FREQUENCY: 1310 Kc. POWER: 250 Watts, d.; 100 Watts, n. OWNED BY: Plains Radio Broadcasting Co. OPERATED BY: Plains Radio Broadcasting Co. BUSINESS ADDRESS: Box 1448. PHONE: 1700-1 (Trans) 1540. STUDIO ADDRESS: 914 Ave. J. TRANSMITTER LOCATION: 2312 5th St. TIME ON THE AIR: 6:00 A.M. to 11:00 P.M. (daily); 8:00 A.M. to 10:00 P.M. (Sunday). MAINTAINS ARTISTS' BUREAU. NEWSPAPER AFFILIATIONS: Lubbock Avalanche Journal. NEWS SERVICE: United Press. TRANSCRIPTION SERVICES: Standard Radio, NAB Library.

Personnel

PresidentO. L. Taylor (Amarillo)
Station ManagerDeWitt Landis
Commercial ManagerDeWitt Landis
Artists' Bureau Head R. B. McAlister
Chief AnnouncerWesley Youngblood
Publicity DirectorBruce Collier
Musical DirectorO. D. Cook
Chief Engineer W. H. Torrey

POLICIES

No liquor accounts. Spanish is accepted, though not desirable (97 per cent white literate population).

Complete merchandising service, reasonable amount free, additional service at net cost.

REPRESENTATIVE

Howard H. Wilson Company

KRBA

LUFKIN-EST, 1938

FREQUENCY: 1310 Kc. POWER: 100 Watts. OWNED BY: Red Lands Broadcasting Association (Ben T. Wilson, President). OPERATED BY: Red Lands Broadcasting Association. BUSINESS ADDRESS: Lufkin. STUDIO ADRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: Daytime License. TRANSCRIPTION SERVICE: Standard Radio.

Personnel

President Ben T. Wilson
Manager Darrell E. Yates

KRLH

MIDLAND-EST. 1935

FREQUENCY: 1420 Kc. POWER: 100 Watts. OWNED BY: Clarence Scharbauer. OPERATED BY: Same. BUSINESS ADDRESS: Hotel Scharbauer. PHONE: 1070. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: 2100 West Wall. TIME ON THE AIR: 6:45 A.M. to 5:45 P.M.

Personnel

Station Manager....Pete Gates
Assistant Manager...Gladys Foster
Chief Engineer...Robert Harmon

POLICIES

Does not accept liquor advertisements.

KNET

PALESTINE—EST. 1936

FREQUENCY: 1420 Kc. POWER: 100 Watts. OWNED BY: Palestine Broadcasting Assn. OPERATED BY: Palestine Broadcasting Association. BUSINESS ADDRESS: John and Crawford Sts. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Palestine. TIME ON THE AIR: Daytime License.

Personnel

Manager.....B. V. Hammond

REPRESENTATIVE

Cox & Tanz

KPDN

"THE HIGH FIDELITY VOICE OF THE PAMPA NEWS"

PAMPA-EST. 1936

FREQUENCY: 1310 Kc. POWER: 100 Watts. OWNED BY: R. C. Hoiles. OPERATED BY: S. L. Patterson. BUSINESS ADDRESS: 212½

N. Ballard. PHONE: 1100. STUDIO ADDRESS: 212½ N. Ballard. TRANSMITTER LOCATION: 8 miles east of city limits. TIME ON THE AIR: 6:30 A.M. to local sunset. NEWSPAPER AFFILIATION: Pampa News. NEWS SERVICE: Transradio News. TRANSCRIPTION SERVICES: World Broadcasting System, Standard Radio. MAINTAINS ARTISTS' BUREAU.

Personnel

General ManagerS. L. Patterson
Commercial Manager
Production ManagerRay Monday
Program DirectorRay Monday
Chief Engineer

POLICIES

Copy must conform to station standards. Advertising of beer and wine accepted; no liquor advertising.

Merchandising: Facilities include posters, displays, publicity ad listing in Pampa News, direct mail.

KPLT

"THE FRIENDLY STATION"
PARIS—EST. 1936

MBS—TEXAS STATE NETWORK FREQUENCY: 1500 Kc. POWER: 250 Watts. OWNED BY: North Texas Broadcasting Co. OPERATED BY: North Texas Broadcasting Co. BUSINESS ADDRESS: Gibraltar Hotel. PHONE: 1124-5. STUDIO ADDRESS: Gibraltar Hotel. Mezzanine Floor. TRANSMITTER LOCATION: 1½ miles south on Texas Highway No. 24. TIME ON THE AIR: 6:45 A.M. to local sunset. NEWSPAPER AFFILIATIONS: North Texas Broadcasting Co. is owned by North Texas Broadcasting Co. is owned by North Texas Pub. Co. which publishes The Paris News. NEWS SERVICE: United Press (via Texas State Network). MAINTAINS ARTISTS' BUREAU TRANSCRIPTION SERVICE: Standard Radio.

Personnel

President A. G. Pat Mayse
General Manager Fred E. Humphrey
Chief Engineer Weldon Jeffus

POLICIES

Accepts beer advertising but no wine and liquor advertising.

Merchandising cooperation to the fullest extent.

REPRESENTATIVE

Joseph Hershey McGillvra

KIUN

"VOICE WEST OF THE PECOS"
PECOS—EST. 1935

FREQUENCY: 1370 Kc. POWER: 100 Watts. OWNED BY: Jack Hawkins and Barney Hubbs.

OPERATED BY: Jack Hawkins and Barney Hubbs. BUSINESS ADDRESS: KIUN Building. STUDIO ADDRESS: KIUN Bldg. TRANSMITTER LOCATION: North of city, 1 mile. TIME ON THE AIR: 6:30 A.M. to 9:00 P.M. NEWS-PAPER AFFILIATION: Affiliated with Pecos Enterprise, a weekly, through interlocking ownership. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: C. P. MacGregor.

Personnel

President-General ManagerJack Hawkins
Chief Announcer
Publicity DirectorBarney Hubbs
Musical DirectorS. Durkin
Chief EngineerT. G. Hubbard

POLICIES

Accepts wine and beer advertising: Spanish language programs subject to approval.

Renders newspaper publicity; any reasonable amount of dealer contact work.

KPAC

PORT ARTHUR—EST. 1935

FREQUENCY: 1260 Kc. POWER: 500 Watts. OWNED BY: Port Arthur College. OPERATED BY: Port Arthur College. BUSINESS ADDRESS: Port Arthur College. STUDIO ADDRESS: Same. PHONE: 3320. TRANSMITTER LOCATION: Port Arthur. TIME ON THE AIR: 6:00 A.M. to local sunset.

Personnel

Advertising of alcoholic beverages not accepted.

KGKL

SAN ANGELO—EST. 1928

MBS-TEXAS STATE NETWORK

FREQUENCY: 1370 Kc. POWER: 250 Watts, d.; 100 Watts, n. OWNED BY: KGKL, Inc. OPERATED BY: KGKL, Inc. BUSINESS ADDRESS: St. Angelus Hotel. PHONE: 5515-6715-16-17. STUDIO ADDRESS: St. Angelus Hotel. TRANSMITTER LOCATION: 50 S. Milton St. TIME ON THE AIR: 7:00 A.M. to 10:15 P.M. NEWSPAPER AFFILIATIONS. San Angels Standard Times. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: NBC Thesaurus.

Personnel

President	. H.	C.	Rag	gsdale
Gen'l & Comm. Mgr	Be	rt M	litch	ell, Jr.
Program Director		L	nny	Bigler
Chief Engineer	.Fr	ank	M.	Iones

POLICIES

No stated special policies.

REPRESENTATIVE

Joseph Hershey McGillvra

KABC

"THE SPORTS STATION"

SAN ANTONIO—EST. 1926 MBS—TEXAS STATE NETWORK

FREQUENCY: 1420 Kc. POWER: 250 Watts, d.; 100 Watts, n. OWNED BY: Alamo Broadcasting Co. OPERATED BY: Alamo Broadcasting Co. BUSINESS ADDRESS: Milam Bldg. PHONE: Garfield 4241. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: San Antonio. TIME ON THE AIR: 6:00 A.M. to 11:00 P.M.; Sunday, 8:00 to 10:00 P.M. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: C. P. MacGregor. MAINTAINS ARTISTS' BUREAU.

Personnel

President	Lee	Taylor
Manager	. Cli	ff Taton
Program DirectorJan	ies :	McClain

POLICIES

No liquor; beer accepted. Foreign language only in afternoon—2 to 4 P.M.

KMAC

SAN ANTONIO

FREQUENCY: 1370 Kc. POWER: 250 watts, d.; 100 watts, n. OWNED BY: W. W. McAllister. OPERATED BY: W. W. McAllister. BUSINESS ADDRESS: 27th floor. Smith Young Tower. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: San Antonio. TIME ON THE AIR: Part time schedule (divides time with KONO). TRANSCRIPTION SERVICE: NBC Thesaurus.

Personnel

Manager		W.	Davis
Program	Director	S.	Bessan

KONO

SAN ANTONIO—EST. 1927

FREQUENCY: 1370 Kc. POWER: 100 Watts (250 Watts pending). OWNED BY: Eugene J. Roth. OPERATED BY: Mission Broadcasting Co. BUSINESS ADDRESS: 317 Arden Grove. PHONE: F. 1371-2. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 9 hours daily (shares time with KMAC). NEWS SERVICE: La: Prensa (Spanish only). MAINTAINS ARTISTS' BUREAU.

Personne!

Pres. & Station Manager	Eugene J. Roth
Commercial Manager	James Brown
Program Director	Gerald Morgan
Sales Manager	James Brown
Chief Engineer	Geo Ing

POLICIES

Station accepts beer—light wines. No hard liquors. Announcements must conform with station policies. Spanish announcements accepted, but must be placed on nightly two-hour international Goodwill Program. All spot announcements must be no longer than seventy-five words. All products advertised on KONO must conform with requirements for the public welfare.

Merchandising tie-ups with all local and racial papers (local community papers). Programs "Previewed" on KONO Sampler Program weekly. Any other merchandising methods desired by account at cost. Station gives "plugs" on all new commercial programs for several days in advance of first program.

REPRESENTATIVE

International Radio Sales

KTSA

"SERVING THE PUBLIC INTEREST IN SOUTH TEXAS"
"SAN ANTONIO'S BEST SALESMAN"

SAN ANTONIO—EST. 1928 COLUMBIA BROADCASTING COMPANY

FREQUENCY: 550 Kc. POWER: 5000 Watts, d.: 1000 Watts, n. OWNED BY: KTSA Broadcasting Co. OPERATED BY: KTSA Broadcasting Co. BUSINESS ADDRESS: Gunter Hotel. PHONE: Garfield 1251. STUDIO ADDRESS: Gunter Hotel. TRANSMITTER LOCATION: St. Hedwig Road. TIME ON THE AIR: 6:30 A.M. to 12:00 midnight; Sunday, 7:45 A.M. to 12:00 midnight. NEWSPAPER AFFILIATION: San Antonio Light. NEWS SERVICE: International News Service. TRANSCRIPTION SERVICE: Associated.

Personnel

Station Manager	.George W. Johnson
Program Manager	William C. Bryan
Musical Director	Rex L. Preis
Chief Engineer	Wm. Egerton

POLICIES

No special stated policies.

REPRESENTATIVE

International Radio Sales

WOAI

SAN ANTONIO—EST. 1922

NBC—TEXAS QUALITY NETWORK
FREQUENCY: 1190 Kc. POWER 50,000
Watts. OWNED BY: Southland Industries, Inc.
OPERATED BY: Southland Industries, Inc.
BUSINESS ADDRESS: 1031 Navarro. PHONE:
Garfield 4221-2-3. STUDIO ADDRESS: 1031
Navarro. TRANSMITTER LOCATION: Selma,

fexas. TIME ON THE AIR: (Sunday) 8:00 A.M. to 11:30 P.M.; (daily) 6:30 A.M. to 11:30 P.M. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: World Broadcasting System.

Personnel

Pres. & General Manager.....Hugh A. L. Halff Sales Promotion & Merchandising

Manager Walter S. Zahrt
Program Director Lew Valentine
Chief Engineer Fred Sterling

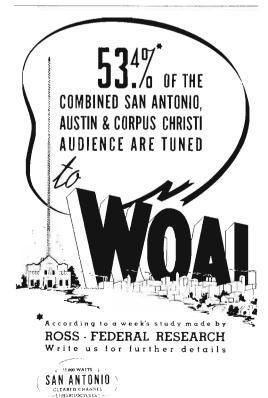
POLICIES

Advertising of beer and wine accepted; no hard liquor accounts. Station maintains strict censorship on patent medicines.

Maintains complete merchandising service for its advertisers and will give full cooperation to any advertiser's merchandising activities in the San Antonio market. The station from time to time conducts local merchandising activities in cooperation with the local advertiser. A regular station publication is released every other month and a complete merchandising service to approximately 700 grocers and 225 druggists every month is provided. Merchandising display in studio lobby.

REPRESENTATIVE

Edw. Petry & Co., Inc.



AFFERIAGE NECT. REPRESENTED HATPOHALLY BY EDWARD PLIBY A CO.

MEMBER TON

KRRV

"THE VOICE OF THE RED RIVER VALLEY"

SHERMAN—EST. 1936

MBS-TEXAS STATE NETWORK

FREQUENCY: 1310 Kc. POWER: 250 watts. OWNED BY: Red River Valley Broadcasting Corp. OPERATED BY: Same. BUSINESS ADDRESS: P. O. Box 163. PHONE: 201. STUDIO ADDRESS: 1910 S. Crockett St., Fannin & Owing Sts., Denison. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 6:30 A.M. to local sunset. NEWS SERVICE: United Press (via Texas State Network). TRANSCRIPTION SERVICE: Standard Radio.

Personnel

President	G	. F	ł. '	Wilcox
Station Manager	.L.	L.	He	ndrick
Chief Announcer		. Le	on	Lloyd
Denison Studio Manager	M.	aur	ice	Wray
Program Director	E.	Ro	we	ns, Jr.
Chief Engineer	T.	E.	Sp	ellman

POLICIES

Accepts foreign language and wine and beer advertising. No hard liquor advertising. Station offers complete cooperation in merchandising and sales assistance.

REPRESENTATIVE

Texas State Network

KTEM

"THE FRIENDLY VOICE OF CENTRAL TEXAS"

TEMPLE—EST. 1936

MBS—TEXAS STATE NETWORK FREQUENCY: 1370 Kc. POWER: 250 Watts. OWNED BY: Bell Broadcasting Co. DERATED BY: Bell Broadcasting Co. BUSINESS ADDRESS: Kyle Hotel. PHONE: 4646. STUDIO ADDRESS: Kyle Hotel. TRANSMITTER LOCATION: 2.6 miles north of Temple on Temple-Waco highway. TIME ON THE AIR: 6:15 A.M. to local sunset. MAINTAINS ARTISTS' BUREAU. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: C. P. MacGregor.

Personnel

President	.Mrs. Ruth Mayborn
Station Manager	Burton Bishop
Artists' Bureau Head	Kirby Nix
Chief Announcer	Edwin Callaway
Chief Engineer	Paul Shaw

POLICIES

Liquor advertising accepted where copy is not offensive. Foreign language programs accepted due to large percentage of Czech and German people residing in area.

Commercial programs may have additional support of KTEM advising all dealers in territory of program by letter; commercial men

assist by keeping all local accounts advised of program; programs listed in daily newspaper schedule and publicized in station's daily program resume. Special downtown window displays arranged on request.

REPRESENTATIVE

Texas State Network

KCMC

"SERVING TEXARKANA AND THE FOUR STATES AREA WITH NEWS OF THE WORLD HOURS AHEAD"

TEXARKANA—EST. 1932

MBS-TEXAS STATE NETWORK

FREQUENCY: 1420 Kc. POWER: 250 Watts, d.; 100 Watts, n. OWNED BY: KCMC. Inc. OPERATED BY: Same. BUSINESS ADDRESS: 317 Pine St. PHONE: 958-3210. STUDIO AD-DRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 7:00 A.M. to 11:00 P.M. NEWSPAPER AFFILIATIONS: Texarkana Gazette, Texarkana Daily News. SERVICES: United Press and Associated Press. TRANSCRIPTION SERVICE: C. P. MacGregor. MAINTAINS ARTISTS' BUREAU.

Personnel

President	.Henry Humphrey
General Manager	Foster W. Fort
Artists Bureau Head and	
Traffic Manager	Dorothy Moore
Program & Publicity Dir	Thomas Dillahunty
Chief Engineer	Harvey Robertson

POLICIES

All medicinal copy must be submitted for approval by station management and physicians. Whiskey advertising accepted; but must be edited by station management.

Merchandising: Facilities consist of letters to merchants; surveys on special products advertised; lists of dealers supplied to agencies and manufacturers; installation of displays and other advertising material.

REPRESENTATIVE

Radio Time Agency

KGKB

TYLER—EST. 1931 MBS-TEXAS STATE NETWORK

FREQUENCY: 1500 Kc. POWER: 250 Watts. OWNED BY: East Texas Broadcasting Co. OPERATED BY: J. G. Ulmer. BUSINESS AD-DRESS: 115 S. College. PHONE: 1106-7. STU-DIO ADDRESS: 115 S. College. TRANSMITTER LOCATION: Sandflat Road. TIME ON THE

AIR: 6:30 A.M. to 12:00 midnight. NEWS SER-VICE: United Press. TRANSCRIPTION SER-VICE: NBC Thesaurus.

Personnel

POLICIES

Accepts no hard liquor advertising nor foreign language programs.

Merchandising: Station aids in getting store displays, mailing letters to dealers as part of a campaign, getting distribution; in general, any reasonable assistance.

VERNON—EST. 1939

FREQUENCY: 1500 Kc. POWER: 100 Watts. OWNED BY: The Northwestern Broadcasting Co. OPERATED BY: Same. BUSINESS AD-DRESS: Vernon, STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: Full time license. TRANSCRIPTION SERVICE: Standard Radio.

Personnel

Co-Partners

R. N. Nichols, W. H. Wright, Stewart Hatch Manager......John Sullivan

*Station was licensed to operate under a C. P. No further information was available at time of going to press.

WAC

"SERVING THE PUBLIC INTEREST"

WACO—EST, 1922

COLUMBIA BROADCASTING SYSTEM TEXAS STATE NETWORK

FREQUENCY: 1420 Kc. POWER: 250 Watts, d.; 100 Watts, n. OWNED BY: KTSA Broadcasting Co. OPERATED BY: Hearst Radio, Inc. BUSINESS ADDRESS: Amicable Bldg. PHONE: 2700-1. STUDIO ADDRESS: Amicable Bldg. TRANSMITTER LOCATION: Amicable Bldg. TIME ON THE AIR: 7:00 A.M. to 12:00 midnight. NEWS SERVICE: International News Service

Personnel

Station ManagerJ. W. Pate
Commercial ManagerR. E. L. Glasgow
Chief Announcer
Publicity DirectorFrank Ruetz
Musical DirectorPat Adelman
Chief EngineerL. H. Appleman

POLICIES

Liquor programs accepted only after 10:30 P.M. and must be of a dignified character, running not less than 15 minutes and produced in the station's studios. Patent medicines are subject to Station approval. Foreign language programs no set rules; does not encourage such programs.

Circulars, dodgers, placards, and direct mail merchandising aids.

REPRESENTATIVE

International Radio Sales

KRGV

"SERVING 'LOWER VALLEY GRANDE'
TEXAS 4TH CITY"

WESTLACO-EST, 1926

NBC-(RED OR BLUE)

TEXAS STATE NETWORK

FREQUENCY: 1260 Kc. POWER: 1000 Watts.
OWNED BY: KRGV, Inc. OPERATED BY:
Same. BUSINESS ADDRESS: 201 Border.
PHONE: 375-6. STUDIO ADDRESS: Same.
TRANSMITTER LOCATION: Same. TIME ON
THE AIR: 6:30 A.M. to 11:00 P.M. NEWS
SERVICE: Transradio Press. TRANSCRIPTION
SERVICE: Standard Radio.

Personnel

President	.0.	L.	Taylor
Station ManagerKen	Lo	well	Sibson
Sales Manager Ingham	S.	Rob	erts, III
Publicity Director	. Di	ck V	Vatkins
Chief EngineerNec	ıl N	AcN c	ughton

POLICIES

No hard liquor advertising accepted.

Merchandising: Merchandising manager and
three field men maintained by station for use

without cost to clients. Charges made only for special services requiring cash expenditures.

REPRESENTATIVE

Howard H. Wilson Co.

KWFT*

WICHITA FALLS—EST. 1938

FREQUENCY: 620 Kc. POWER: 1000 Watts, d.; 250 Watts, n. OWNED BY: Wichita Broadcasting Co. OPERATED BY: Wichita Broadcasting Co. BUSINESS ADDRESS: 807 Hamilton Bldg. STUDIO ADDRESS: Wichita. TRANS-MITTER LOCATION: Same. TIME ON THE AIR: Full Time License. NEWS SERVICE: United Press.

Personnel

UTAH-

Population 519,000

Number of Families 123,000

Retail Sales \$132,098,000

Number of Radio Homes 111,000

Auto Registrations 106,619

KSUB

"GATEWAY TO SOUTHERN UTAH'S SCENIC WONDERLAND"

CEDAR CITY—EST. 1937

FREQUENCY: 1310 Kc. POWER: 100 Watts. OWNED BY: Johnson & Perry. OPERATED BY: Johnson & Perry. BUSINESS ADDRESS: Escalante Hotel. PHONE: 398. STUDIO ADDRESS: Escalante Hotel. TRANSMITTER LOCATION: West 2nd South. TIME ON THE AIR: 8:00 A.M. to 8:00 P.M. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICES: NBC Thesaurus, C. P. MacGregor.

Personnel

POLICIES

No liquor accounts accepted.

REPRESENTATIVE

Cox & Tanz

KVNU

LOGAN-EST, 1939

FREQUENCY: 1200 Kc. POWER: 100 Watts. OWNED BY: Cache Valley Broadcasting Co. OPERATED BY: Same. BUSINESS ADDRESS: Logan. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: Full Time License.

K L O

"THE VOICE OF UTAH"

OGDEN—EST. 1924

NATIONAL BROADCASTING CO. (BLUE)
FREQUENCY: 1400 Kc. POWER: 500 Watts.
(C. P. 500 Watts, d.: 1000 Watts, n.) OWNED
BY: Interstate Broadcasting Corp. OPERATED
BY: Same. BUSINESS ADDRESS: 7th floor.
Hotel Ben Lomona. PHONE: 84-85. STUDIO
ADDRESS: Same. TRANSMITTER LOCATION:
Ogden. TIME ON THE AIR: 7:30 A.M. to 12:00
midnight. NEWSPAPER AFFILIATION: Ogden
Standard Examiner. NEWS SERVICE: Associated Press (non-commercial). TRANSCRIPTION
SERVICE: C. P. MacGregor.

Personnel

President A. L. Glasmann
Vice President-Station
ManagerPaul R. Heitmeyer
Advertising Manager
Chief AnnouncerJohn Woo'f
Program ManagerEthel G. Clark
Musical DirectorEd Barry
Chief Engineer
Production ManagerJack Riaska

POLICIES

Does not accept liquor advertising. Advertising of beer accepted. Foreign language advertising not encouraged.

REPRESENTATIVE

Bryant Griffith & Brunson
Walter Biddick Co. (West Coast)

KEUB

"THE VOICE OF EASTERN UTAH"

PRICE-EST. 1936

FREQUENCY: 1420 Kc. POWER: 100 Watts. OWNED BY: E. Utah Broadcasting Co. (Sam. G. Weiss). OPERATED BY: E. Utah Broadcasting Co. BUSINESS ADDRESS: Price. PHONE: Price 200. STUDIO ADDRESS: Price. TRANSMITTER LOCATION: Price. TIME ON THE AIR: 8:00 A.M. to 8:00 P.M. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICES: NBC Thesaurus, C. P. MacGregor.

Personnel

Program Director Commercial	
ManagerJack	Richards
Station ManagerSam	G. Weiss
Chief EngineerCarl	E. Busart

POLICIES

No hard liquor accounts. Beer and foreign languages accepted.

KDYL

"THE PORULAR STATION"

SALT LAKE CITY—EST. 1922

NBC (RED)

FREQUENCY: 1290 Kc. POWER: 5000 Watts, d.: 1000 Watts, n. OWNED BY: Intermountain Broadcasting Corp. OPERATED BY: Same.

BUSINESS ADDRESS: 6th floor, Tribune-Telegram Bldg. PHONE: Wasatch 7180-1-2-3. STU-DIO ADDRESS: Same. TRANSMITTER LOCATION: 9th W. and 33rd. TIME ON THE AIR: 6:00 A.M. to 1:00 A.M. NEWS SERVICE: Transradio Press. MAINTAINS ARTISTS BUREAU. TRANSCRIPTION SERVICE: World Broadcasting System, NBC Thesaurus.

Personnel

President & General ManagerS. S. Fox
Commercial Manager
Program DirectorGeorge Snell
Chief AnnouncerFloyd Farr
Sales Manager
Publicity DirectorDavid Simmons
Artists' Bureau Head and
Musical DirectorT, B, Woodbury

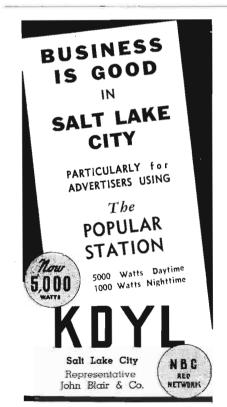
Chief Engineer................J. M. Baldwin POLICIES

No liquor advertisements except beer. No foreign language accounts. Medical accounts accepted only after copy to be used has been submitted and approved.

Merchandising: Station is equipped to handle sponsor display in attractive, well-placed showcases in its Tribune-Telegram Bldg, studios and its new Radio Playhouse. Other tie-ups are available by arrangement.

REPRESENTATIVE

John Blair & Company



K S L

"THE VOICE OF THE WEST"

SALT LAKE CITY—EST. 1921

COLUMBIA BROADCASTING SYSTEM FREQUENCY: 1130 Kc. POWER: 50,000 watts. OWNED BY: Radio Service Corporation of Utah. OPERATED BY: Same. BUSINESS ADDRESS: Union Pacific Bldg. PHONE: Wasatch 3901. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Saltair. TIME ON THE AIR: 6:30 A.M. to 1:00 A.M. NEWSPAPER AFFILIATION: Salt Lake Tribune. NEWS SERVICES: United Press, International News Service. MAINTAINS ARTISTS' BUREAU. TRANSCRIPTION SERVICE: Associated Library, Standard Library, C. P. MacGregor.

Personnel

President	Sylvester O. Cannon
Station Manager	Earl J. Glade
Commercial Manager	Dan H. Vincent
Artists Bureau Head	Irma F. Bitner
Production Director	Lennox Murdock
Musical Director	Gene Halliday
Chief Engineer	E. G. Pack

POLICIES

Does not accept liquor advertising.

Merchandising: Mailing service. Will distribute merchandise displays to Salt Lake

stores. Listing in KSL Press Release weekly. Space in monthly. Program brochure.

REPRESENTATIVE Edward Petry & Co., Inc.

KUTA

"TOPS ON THE DIAL"

SALT LAKE CITY-EST. 1938

NBC-BLUE

FREQUENCY: 1500 Kc. POWER: 100 Watts. OWNED BY: Utah Broadcasting Co. OPERATED BY: Utah Broadcasting Co. BUSINESS ADDRESS: Belvedere Apartment Hotel. PHONE: Wasatch 1730. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: 1324 S. 3rd St., West. TIME ON THE AIR: 7:00 A.M. to 12:00 midnight. NEWS SERVICE: International News Service. MAINTAINS ARTISTS' BUREAU. TRANSCRIPTION SERVICE: Standard Radio.

Personnel

Manager	Frank	c C.	Carmen
Commercial Manager	<i>I</i>	Arch	Madsen
Program Director		. Hal	Parkes
Chief Engineer	Lyl	e W	/ahlquist

REPRESENTATIVE

Joseph Hershey McGillvra

VERMONT

Population 383,000

Number of Families 99,000

Number of Radio Homes 88,600

Retail Sales \$99,121,000

Auto Registrations 79,000

WCAX

BURLINGTON-EST. 1931

FREQUENCY: 1200 Kc. POWER: 250 Watts. d.; 100 Watts, n. OWNED BY: Burlington Daily News, Inc. OPERATED BY: Same. BUSINESS ADDRESS: 203 College St. PHONE: 134-373. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 7:30 A.M. to 9:00 P.M. NEWSPAPER AFFILIATION: Burlington Daily News. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: World Broadcasting System.

Personnel

President	Col.	Н.	Nelso	n Jackson
General Manager.			. John	A. Cellar
Treasurer			.E. E.	Germain

Commercial Manager ... W. J. Kennedy
Program Manager ... H. B. Wight
Chief Engineer ... James W. Tierney

POLICIES

Advertising of alcoholic beverages accepted. No restrictions on foreign language accounts if the program is on a transcription. However, all matter on same is subject to our approval.

WSYB

"WE SERVE YOU BEST"

RUTLAND-EST. 1930

FREQUENCY: 1500 Kc. POWER: 100 Watts. OWNED BY: P. Weiss Music Co. OPERATED BY: Same. BUSINESS ADDRESS: 80 West St. PHONE: 1247. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Creek Road. TIME ON THE AIR: 8:30 A.M. to 9:00 P.M.; Sunday, 10:00 A.M. to 11:00 A.M. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: Standard Radio.

Personnel

President											.P	. Weiss
Station Manage	r									J.	Н	. Weiss
Chief Engineer									. J .		Ā.	Housek

POLICIES

No stated special program policies.

Merchandising for accounts in Rutland only.

WQDM

"THIS IS YOUR STATION"

ST. ALBANS—EST. 1929

FREQUENCY: 1390 Kc. POWER: 1000 Watts. OWNED BY: F. Arthur Bostwick. OPERATED BY: F. Arthur Bostwick. BUSINESS ADDRESS: 32 North Main. PHONE: 126. STUDIO ADDRESS: 32 North Main St. TRANSMITTER LOCATION: ½ mile north of city on route 7. MAINTAINS ARTISTS' BUREAU. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: NBC Thesaurus.

Personnel

President	F.	Arthur	Bostwick
General Manager		G. S	. Wasser
Production Manager		. Byron	Snowden
Continuity Director		Walter	Murtrogh
Chief Engineer	E	dward	J. Regan

POLICIES

No hard liquor. Accepts beer and foreign language accounts.

Tie-up with newspaper and window displays.

REPRESENTATIVE

Weed & Co.

WNBX

"RADIO CAPITAL OF VERMONT & NEW HAMPSHIRE"

SPRINGFIELD—EST. 1932

COLUMBIA BROADCASTING SYSTEM

FREQUENCY: 1260 Kc. POWER: 1000 watts.
OWNED BY: Twin State Broadcasting Corp.
OPERATED BY: Same. BUSINESS ADDRESS:
Woolson Bldg. PHONE: 66-3-66-4. STUDIO

ADDRESS: Same. TRANSMITTER LOCATION: Mt. Ararat. TIME ON THE AIR: 7:00 A.M. to midnight. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: Associated. MAINTAINS ARTISTS' BUREAU.

Personnel

President	C.	Wilder
Station and Commercial		
Manager	Stei	nbruch
Chief Announcer	zzie	Wade
Program and Publicity Director	Tario	t Stem
Chief Engineer		

POLICIES

No liquor advertising accepted. Station reserves the right to refuse or discontinue any advertising for reasons satisfactory to the station.

Merchandising: Station has its own merchandising service located in the 22 trading areas within its coverage area; will also make "competitive brand surveys."

REPRESENTATIVE

Paul H. Raymer Co.

WDEV

"VERMONT'S MID-STATE STATION"

WATERBURY—EST. 1931

FREQUENCY: 550 Kc. POWER: 500 Watts, 1000 pending. OWNED BY: Mary M. White-hill Estate, Charles B. Adams, Administrator. OPERATED BY: L. E. Squier and W. G. Ricker. BUSINESS ADDRESS: 8 Stowe St. PHONE: 13-240. STUDIO ADDRESS: Waterbury. TRANSMITTER LOCATION: Waterbury. TIME ON THE AIR: 7:00 A.M. to local sunset. NEWS SERVICE: United Press. MAINTAINS ARTISTS' BUREAU. TRANSCRIPTION SERVICE: Standard Radio, Lang-Worth.

Personnel

Station and Sales ManagerL. E. Squier
Advertising Manager and
Artists' Bureau HeadW. G. Ricker
Commercial ManagerHarold Deal
Chief AnnouncerTed Nelson
Musical DirectorPaul Turner
Chief Engineer

POLICIES

No liquor advertising. Sole restriction.

Service available from printing department of Waterbury Record and columns of paper.

REPRESENTATIVE

Horace Hagedorn, N. Y. C.

WRVA 50,000 WATTS MAKE CASH REGISTERS SING!



VIRGINIA'S ONLY **50,000 WATT STATION** GIVES YOU MANY MARKETS AT THE COST OF ONLY **ONE!**

T PAYS—in every way—to use WRVA, $oldsymbol{1}$ because **only** this radio station (with its new 50,000 watt power) provides such thorough coverage of Richmond and the rich Tidewater area in this great State.

Although located near Richmond, Virginia, WRVA's popularity helps sell the dealers as well as the customers throughout this broad area. That's why cash registers sing a song of sales!

Write, wire or 'phone for the naked truth about WRVA's new 50,000 watt coverage PLUS the bare facts about this rich and responsive market.

PAUL H. RAYMER COMPANY

National Representative

NEW YORK . CHICAGO . DETROIT . SAN FRANCISCO



WRVA 50,000 WATTS

VIRGINIA-

Population 2,706,000

Number of Families 613,000

Number of Radio Homes 400,200

Retail Sales \$471,329,000

Auto Registrations 373,000

WCHV

"VIRGINIA'S GOODWILL STATION"

CHARLOTTESVILLE—EST. 1932 VIRGINIA BROADCASTING SYSTEM, INC.

FREQUENCY: 1420 Kc. POWER: 250 Watts, d.; 100 Watts, n. OWNED BY: Community Broadcasting Corp. OPERATED BY: Same. BUSINESS ADDRESS: E. Market & 4th. PHONE: 444. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Route 250, Jefferson Highway. TIME ON THE AIR: 7:00 A.M. to 10:05 P.M. NEWS SERVICE: United Press. MAINTAINS ARTISTS BUREAU. TRANSCRIPTION SERVICE: Standard Radio, Lang-Worth.

Personnel

Station Manager	. Hugh M. Cutler
Secretary-Treasurer	John T. Elsroad
Commercial Manager	Edward H. Allen
Program	.C. H. Goldsmith
Chief Engineer	.Walter W. Gray

POLICIES

Does not accept liquor or foreign language accounts.

Maintains merchandising department which calls on trade in primary area regularly, soliciting orders.

REPRESENTATIVE

Burn-Smith Co.

WBTM

"WORLD'S BEST TOBACCO MARKET"

DANVILLE—EST. 1930

VIRGINIA BROADCASTING SYSTEM FREQUENCY: 1370 Kc. POWER: 250 Watts, d.: 100 Watts, n. OWNED BY: Piedmont Broadcasting Corp. OPERATED BY: Piedmont Broadcasting Corp. BUSINESS ADDRESS: 427 Main St. PHONE: 2350. STUDIO ADDRESS: 427 Main St. TRANSMITTER LOCATION: Danville. NEWS SERVICE: Transradio Press. MAINTAINS ARTISTS' BUREAU. TRANSCRIPTION SERVICE: C. P. MacGregor.

Personnel

President		L.	N.	Dibrel
Vice President and General				
Manager	S	C	O	darch

Program Director. W. P. Heffernan
Publicity Director. Jay Caldwell
Chief Engineer. Phil Briggs

POLICIES

No liquor advertising accepted; beer and wine accepted; foreign language accounts discouraged because of limited foreign population; medical accounts accepted; copy in all cases must be in good taste and ethical.

For exploitation station publishes its own weekly paper. No merchandising department established but a reasonable amount is done without cost.

REPRESENTATIVE

Burn-Smith Co.

WSVA

"THE VALLEY STATION"

HARRISONBURG-EST. 1935

VIRGINIA BROADCASTING SYSTEM

FREQUENCY: 550 Kc. POWER: 500 Watts. OWNED BY: Shenandoah Valley Broadcasting Corp. OPERATED BY: Shenandoah Valley Broadcasting Corp. BUSINESS ADDRESS: Newman Bldg. PHONE: Harrisonburg, 875. STUDIO ADDRESS: Newman Bldg.; Professional Bldg., Staunton. PHONE: Staunton 647. TRANSMITTER LOCATION: 5 miles South of Harrisonburg on U. S. Route 11. TIME ON THE AIR: 6:30 A.M. to local sunset. NEWS SERVICE: Transradio News. TRANSCRIPTION SERVICE: World Broadcasting System.

Personnel

POLICIES

Beer accounts accepted. Wine and liquor accounts not accepted.

Complete cooperation is given all clients in the distribution of printed matter and in the mailing of prizes, etc.; merchants are contacted.

WLVA

LYNCHBURG-EST, 1930

REGIONAL V.B.S.

FREQUENCY: 1200 Kc. POWER: 250 Watts, d.; 100 Watts, n. OWNED BY: Lynchburg Broadcasting Corp. OPERATED BY: Same. BUSINESS ADDRESS: Medical Arts Bldg. PHONE: 3030. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Page St. TIME ON THE AIR: 7:00 A.M. to 11:00 P.M. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICES: Lang-Worth, NAB Library, NBC Thesaurus.

Personnel

President	.Edw.	Ā.	Allen
Station Manager	Philip	P.	Allen
Commercial Manager	Glen E	. Jo	ickson
Program Director	Jam	es	Moore
Publicity Director	Jan	ıes	Howe
Chief Engineer	Albert	E. I	leisen

POLICIES

Advertising of alcoholic beverages not accepted, excepting beer and wine.

WMBG

NBC Red

☆

RICHMOND, VIRGINIA

☆

Can Be Purchased Independent of Basic

CONSULT

JOHN BLAIR & CO.

NEW YORK—MURRAY HILL 9-6084

CHICAGO—SUPERIOR 8660

DETROIT—MADISON 7889

WGH

"WORLD'S GREATEST HARBOR"

NEWPORT NEWS-EST, 1928

VIRGINIA BROADCASTING SYSTEM FREQUENCY: 1310 Kc. POWER: 250 Watts, d.; 100 Watts, n. OWNED BY: Hampton Roads Broadcasting Corp. OPERATED BY: Hampton Roads Broadcasting Corp. BUSINESS ADDRESS: Portlock Bldg., Norfolk. PHONE: STUDIO ADDRESS: Boat Harbor: 44319. American National Bank Bldg., Portsmouth. PHONE: 991-Portlock Bldg., Norfolk. TRANS-MITTER LOCATION: Newport News. ON THE AIR: 6:30 A.M. to 12:00 midnight; Sunday, 8:30 A.M. to 11:30 P.M. NEWS SERVICE: Transradio Press. TRANSCRIP-TION SERVICE: Lang-Worth, NAB Library, NBC Thesaurus.

Personnel

PresidentJames W. Baldwin
Vice-President & General
ManagerEdward E. Bishop
SecretaryGene D. Stratton
Commercial ManagerEdward E. Edgar
Artists' Bureau HeadAlfred Temple
Chief AnnouncerJoel F. Wahlberg
Publicity DirectorGene Stratfon
Musical DirectorWillby Golf
Chief EngineerRaymond P. Aylor, Jr.

POLICIES

No liquor advertising except wines and beers, conforming to rules of Virginia Alcoholic Beverage Board. Foreign language accounts acceptable where public interest is served and necessity exists. Internal medicines not accepted.

REPRESENTATIVE

Burn-Smith Co.

WTAR

"VIRGINIA'S PIONEER VOICE"

NORFOLK—EST, 1923

NATIONAL BROADCASTING CO. (RED & BLUE)

FREQUENCY: 780 Kc. POWER: 1000 watts. OWNED BY: WTAR Radio Corp. OPERATED BY: WTAR Radio Corp. BUSINESS ADDRESS: National Bank of Commerce Bldg. PHONE: 2-5671-2-3. STUDIO ADDRESS: Same. TRANS-MITTER LOCATION: Glenrock, Princess Anne County. TIME ON THE AIR: (daily) 6:30 A.M. to 1:00 A.M.; (Sunday) 8:00 A.M. to 1:00 A.M. NEWSPAPER AFFILLATIONS: Norfolk Ledger-Dispatch, Norfolk Virginian Pilot. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: NAB Library.

Personnel

PresidentPaul S. Huber
General ManagerCampbell Arnoux
Commercial ManagerJohn W. New
Continuity & Publicity
DirectorLee Chadwick
Program DirectorShirley Hosier
Production ManagerVaughn Bradshaw
Sales Promotion DirectorRalph S. Hatcher
Musical DirectorHenry Cowles Whitehead
Technical Director

POLICIES

Accepts wine and beer accounts; no hard liquor advertising. Foreign language accounts judged individually and acceptance based on the merit of the program material. No foreign language account has been broadcast over station to date.

Merchandising: Courtesy announcements gratis, listings in morning and evening newspaper, announced in two daily program resumes, letters to dealers, contact of dealers and wholesalers, and additional activities at cost.

REPRESENTATIVE Edward Petry & Co.

WPIV*

PETERSBURG—EST. 1939

FREQUENCY: 1210 Kc. POWER: 250 watts.
d.: 100 watts. n. OWNED BY: Petersburg
Newspaper Corp. OPERATED BY: Same.
BUSINESS ADDRESS: Petersburg. STUDIO
ADDRESS: Same. TRANSMITTER LOCATION:
Same. TIME ON THE AIR: Full Time License except Sunday which time is divided
with WBBL. NEWSPAPER AFFILIATION:
Petersburg Progress Index.

Personnel

WBBL

RICHMOND

FREQUENCY: 1210 Kc. POWER: 100 Watts.

OWNED BY: Grace Covenant Presbyterian
Church (M. A. Sitton, Agent). OPERATED BY:
Grace Covenant Presbyterian Church. BUSINESS ADDRESS: Richmond. STUDIO ADDRESS: Same. TRANSMITTER LOCATION:
Same. TIME ON THE AIR: Specified hours.

Personnel

POLICIES

Station does not sell time.

WMBG

"THE HAVENS AND MARTIN STATION"
RICHMOND—EST. 1926

NBC-RED

FREQUENCY: 1350 Kc. POWER: 500 Watts. OWNED BY: Havens & Martin, Inc. OPERATED BY: Havens & Martin, Inc. BUSINESS ADDRESS: P. O. Box 5229. PHONE: 5-8611. STUDIO ADDRESS: 3301 W. Broad St. TRANSMITTER LOCATION: Staples Mill Road & Broad St. TIME ON THE AIR: 7:00 A.M. to midnight. NEWS SERVICE: Transradio Press. MAINTAINS ARTISTS' BUREAU. TRANSCRIPTION SERVICE: NBC Thesaurus.

Personnel

President & Station
ManagerWilbur M. Havens
Vice-President
Secretary
TreasurerWilfred H. Wood
Chief AnnouncerJack Hooper
Local Sales ManagerWm. Filer
Publicity Director & National
Sales ManagerR. E. Mitchell
Musical DirectorGarnett Tate
Chief Engineer

POLICIES

Beer and wine accounts accepted; no hard liquor.

Complete merchandising set-up including dealers' letters; distribution of window and counter cards; window dressing.

REPRESENTATIVE

John Blair & Co.

WRNL

"THE FRIENDLY STATION"

RICHMOND—EST. 1927 VIRGINIA BROADCASTING SYSTEM

FREQUENCY: 880 Kc. POWER: 500 watts (C. P.: 1000 watts, Full Time License), OWNED BY: WLBG, Inc. OPERATED BY: WLBG, Inc. (ex-WPHR). BUSINESS ADDRESS: 323 E. Grace St. PHONE: 3-4242. STUDIO ADDRESS: 323 E. Grace St. TRANSMITTER LOCATION: Scott Rd. TIME ON THE AIR: 6:00 A.M. to local sunset: Sunday, 8:00 A.M. to local sunset: Sunday, 8:00 A.M. to local sunset: Sunday R:00 A.M. to local sunset: Transcription Services: Associated Music, Lang-Tion Services: Associated Music, Lang-

Personnel

Worth and C. P. MacGregor.

PresidentJohn Stewart Bryan
Station ManagerEarl Sowers
Artists' Bureau HeadBlanche Moody
Chief Announcer
Sales Manager
Publicity DirectorEarl Sowers
Musical DirectorMarynelle Gutridge
Chief Engineer W. A. Selden

^{*} Station was licensed to operate under a C. P. and no further information was available at time of going to press.

POLICIES

Advertising of alcoholic beverages not accepted, excepting beer.

Has merchandising department, including audience room excellently equipped for auditions, etc.

REPRESENTATIVE

Burn-Smith Co.

WRTD

"THE TIMES-DISPATCH RADIO STATION"

RICHMOND—EST. 1937
NATIONAL BROADCASTING SYSTEM
(BLUE)

FREQUENCY: 1500 Kc. POWER: 100 Watts. OWNED BY: Times-Dispatch Radio Corp. OPERATED BY: Times-Dispatch Radio Corp. Inc. BUSINESS ADDRESS: State-Planters Bank Building. PHONE: 3-7471, 3-7472, 3-7473, STUDIO ADDRESS: State-Planters Bank Building. TRANSMITTER LOCATION: Belle Isle. TIME ON THE AIR: Mon. to Sat. 7:00 A.M. to 1:00 A.M.; Sun. 7:00 A.M. to 12:00 midnight. NEWS-PAPER AFFILIATIONS: Times-Dispatch Publishing Co., Inc.

Personnel

PresidentJohn D. Wise
Vice-President
Secretary-Treasurer
ManagerOvelton Maxey
Chief EngineerDavid Bain
Sports DirectorPete Gleason
Production ManagerConrad Rianhard
Program DirectorGrace Gatling
Continuity DirectorBernard Dabney
Publicity & MerchandisingRobert Ehrman
Traffic ManagerMildred Williams
Chief AnnouncerSam Lawder

POLICIES

Does not accept hard liquor or wines but does accept beer: does not accept foreign languages.

Displays in five banks; one in lobby of Richmond Times-Dispatch; one in reception room of WRTD; as a rule preannouncements; personal contact with distributors and dealers. Letters to distributors and principal dealers.

REPRESENTATIVE

Edward Petry & Co., Inc.

WRVA

"VIRGINIA'S ONLY 50,000 WATT STATION"

RICHMOND—EST. 1925

CBS-MBS

FREQUENCY: 1110 Kc. Power: 50,000 watts. OWNED BY: Larus & Brother Co., Inc. OPERATED BY: Same. BUSINESS ADDRESS: Richmond. PHONE: 3-6633. STUDIO ADDRESS: Hotel Richmond. TRANSMITTER LOCATION: Varina Farms. TIME ON THE AIR: 7:00 A.M. to midnight (Fri. to 2:00 A.M.), NEWS SERVICE: United Press. TRANSCRIPTION SERVICE:

ICE: World Broadcasting System. MAIN-TAINS ARTISTS BUREAU.

Personnel

General Manager
Business ManagerBarron Howard
Program Service ManagerIrvin Abeloff
Publicity Director Walter R. Bishop
Musical Director E. D. Naff
Technical Supervisor
Chief Engineer

POLICIES

Accept no alcoholic advertising including wine, beer or liquor. Has no foreign language accounts since this is native territory. After 6:00 P.M. accepts no advertising for product, use of which would not be considered suitable topic for discussion in mixed group. Matter of good taste applied to all proposed accounts.

Merchandising: Merchandising and exploitation is handled on a per-job basis by a local exploitation firm. No definite merchandising set-up is maintained by station.

REPRESENTATIVE

Paul H. Raymer Company (See Page 396)

WDBJ

ROANOKE-EST. 1924

COLUMBIA BROADCASTING SYSTEM FREQUENCY: 930 Kc. POWER: 5000 Watts, d.; 1000, n. OWNED BY: Times-World Corp. OPERATED BY: Times-World Corp. BUSINESS ADDRESS: 124 West Kirk Ave. PHONE: 8131. 8132. STUDIO ADDRESS: 124 West Kirk Ave. TRANSMITTER LOCATION: Colonial Hgts.. Roanoke. TIME ON THE AIR: 7:00 A.M. to 12:00 midnight. NEWSPAPER AFFILIATIONS: The Roanoke Times (morning): The Roanoke World News (evening). NEWS SERVICE: Associated Press. TRANSCRIPTION SERVICES: NAB Library and World Broadcasting System. MAINTAINS ARTISTS' BUREAU.

Personnel

PresidentJ. P. Fishburn
Station ManagerRay P. Jordan
Commercial ManagerF. D. Kesler
Publicity DirectorJack Weldon
Studio DirectorPaul Reynolds
Artists' Bureau Head &
Musical DirectorMary Henson

POLICIES

Does not accept liquor advertising except beer and light wines. No objection to foreign language accounts, but advises against them because of only 2 per cent foreign born population.

Complete merchandising co-operation. Letters to dealers; window and store displays, newspaper publicity, etc.

REPRESENTATIVES

Free & Peters, Inc.

WASHINGTON-

Population 1,658,000

Number of Families 468,000

Retail Sales \$528,709,000

Number of Radio Homes 443,300

Auto Registrations 449,925

KXRO

"TWIN HARBOR" STATION

ABERDEEN-EST, 1926

MUTUAL—DON LEE BROADCASTING CO. FREQUENCY: 1310 Kc. POWER: 250 Watts. OWNED BY: KXRO, Inc. OPERATED BY: KXRO, Inc. BUSINESS ADDRESS: P. O. Box 1120. PHONE: Aberdeen 4098 and 4099. STUDIO ADDRESS: 207 East Market St. TRANSMITTER LOCATION: Finch Farms. TIME ON THE AIR: 7:00 A.M. to 11:00 P.M. (Daily): 9:00 A.M. to 11:00 P.M. (Sunday). NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: World Broadcasting System.

Personnel

President	Harry R. Spence
Commercial Manager	Fred G. Goddard
Chief Announcer	Ben Weatherwax
Publicity Director	Edwin J. Alexander
Musical Director	A. W. Lindsay
Chief Engineer	W. M. McGoffin

POLICIES

Beer and wine accepted, also foreign lan guage accounts.

REPRESENTATIVE

John Blair & Company

KVOS

BELLINGHAM-EST. 1927

MUTUAL—DON LEE

PACIFIC BROADCASTING CO.

FREQUENCY: 1200 Kc. POWER: 100 Watts. OWNED BY: KVOS, Inc. OPERATED BY: KVOS, Inc. BUSINESS ADDRESS: Luther Bidg. PHONE: 4200-1627-34. TRANSMITTER LOCATION: Luther Bidg. TIME ON THE AIR: 6:30 A.M. to 11:00 P.M. NEWS SERVICE: Transradio Press, TRANSCRIPTION SERVICES: World Broadcasting System, C. P. MacGregor.

Personnel

President	Rogan Jones
Advertising & Sales Manager.	Tom Schafer
Musical Director	Henry Ehlers
Chief Engineer	Ina Fanct

POLICIES

Advertising of beer and wine accepted.

REPRESENTATIVE

John Blair & Co.

KELA

CENTRALIA AND CHEHALIS EST. 1937

MUTUAL—DON LEE PACIFIC BROADCASTING CO.

FREQUENCY: 1440 Kc. POWER: 500 Watts. OWNED BY: Central Broadcasting Corp. OPERATED BY: Central Broadcasting Corp. BUSINESS ADDRESS: Kela Bldg. PHONE: Chehalis 721—Centralia 721. STUDIO ADDRESS: Same. TIME ON THE AIR: 6:00 A.M. to 12:00 midnight. NEWSPAPER AFFILIATIONS: Lewis County Advocate, Chehalis Bee Nugget, Centralia Tribune. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: Lang-Worth.

Personnel

General Manager......J. Elroy McCaw

POLICIES

No hard liquor accounts accepted.

REPRESENTATIVE

John Blair & Company

KRKO

"THE VOICE OF EVERETT AND SNOHOMISH COUNTY"

EVERETT—EST. 1922 MUTUAL—DON LEE

PACIFIC BROADCASTING CO.

FREQUENCY: 1370 Kc. POWER: 50 Watts. OWNED BY: Lee E. Mudgett. OPERATED BY: Lee E. Mudgett. BUSINESS ADDRESS: 300 Clark Bldg. TRANSMITTER LOCATION: 2814 Rucker Ave. TIME ON THE AIR: 7:00 A.M. to 12:00 noon—4:00 P.M. to 7:00 P.M.; Sunday, 9:00 A.M. to 4:00 P.M. NEWS SERVICE: Transradio Press. MAINTAINS ARTISTS' BUREAU.

Personnel

OwnerLee E. Mudgett
Station Manager
Musical DirectorMaynard Bordsen
Chief EngineerLee E. Mudgett

POLICIES

No liquor advertising accepted.

Merchandising: Station has reciprocal agreement with local Shopping News.

REPRESENTATIVE

John Blair & Co.

KWLK

"YOUR STATION"

I.ONGVIEW-EST, 1938

FREQUENCY: 780 Kc. POWER: 250 Watts. OWNED BY: Twin City Broadcasting Corp. OPERATED BY: Twin City Broadcasting Corp. BUSINESS ADDRESS: 1262—14th. STUDIO ADDRESS: 1262—14th. Chinook Hotel, Kelso. TRANSMITTER LOCATION: Ocean Beach Highway. TIME ON THE AIR: Daytime License. NEWSPAPER AFFILIATION: Longview Daily News. NEWS SERVICE: Associated Press. TRANSCRIPTION SERVICE: NBC Thesaurus, Standard Radio.

Personnel

General Manager......M. F. Woodling Assistant Manager......Charles B. Foll

REPRESENTATIVE

Cox & Tanz Walter Biddick Co. (West Coast)

KGY

"IN WASHINGTON'S CAPITOL CITY"

OLYMPIA—EST. 1921 (non-Comm.) 1932 (Comm.)

MUTUAL—DON LEE BROADCASTING SYSTEM

PACIFIC BROADCASTING CO.

FREQUENCY: 1210 Kc. POWER: 100 Watts. OWNED BY: KGY, Inc. OPERATED BY: KGY, Inc. BUSINESS ADDRESS: 11th & Capitol Way. PHONE: 746-1006. STUDIO ADDRESS: 11th & Capitol Way. TRANSMITTER LOCATION: 11th & Capitol Way. TIME ON THE AIR: 7:00 A.M. to 11:00 P.M. (except Thursday—off at 7:30 P.M.) Silent Sunday. NEWS SERVICE: United Press.

Personnel

PresidentLouis A. Wasmer
Vice PresidentArchie G. Taft
Station Manager & Commercial
Manager
Publicity DirectorFreda Tilden
Program DirectorJean Walters
Chief EngineerJohn H. Thatcher

POLICIES

No hard liquor advertising accepted.

Merchandising: Placing of newspaper publicity; designing and distribution of placards handbills, etc.

REPRESENTATIVE

John H. Blair & Co.

KWSC

"STATE COLLEGE ON THE AIR"

PULLMAN-EST, 1922

FREQUENCY: 1220 Kc. POWER: 5000 Watts, d.: 1000 n. OWNED BY: State College of Wash. OPERATED BY: State College of Wash. BUSINESS ADDRESS: State College. PHONE: 6044. STUDIO ADDRESS: State College. TRANSMITTER LOCATION: Pullman. TIME ON THE AIR: 6:45 A.M. to 10:00 P.M. MAINTAINS ARTISTS' BUREAU.

Personnel

PresidentE. O. I	Holland
Station Manager	Yeend
Chief Announcer	White
Chief EngineerLeonard	Burton

POLICIES

No commercial broadcasting whatsoever.

KEEN

"YOUR KEEN STATION"
SEATTLE-EST, 1925

FREQUENCY: 1370 Kc. POWER: 100 Watts. OWNED BY: KVL, Inc. OPERATED BY: KVL, Inc. BUSINESS ADDRESS: Smith Tower. PHONE: Seneca 0070. STUDIO ADDRESS: Smith Tower. TRANSMITTER LOCATION: Smith Tower. TIME ON THE AIR: 12:00 noon to 4:00 P.M. and 7:00 P.M. to 11:00 P.M.

Personnel

President and General	
ManagerArthur C. I	Dailey
Sales Manager	Porter
Publicity DirectorL. D. Wo	odruff
Chief EngineerDick N	ickols

POLICIES

No liquor accounts accepted. Accepts foreign language business.

KIRO

"THE FRIENDLY STATION"

SEATTLE—EST. 1935 (1928 as KPCB)
COLUMBIA BROADCASTING SYSTEM

WORLD TRANSCRIPTION SYSTEM

FREQUENCY: 710 Kc. POWER: 1000 Watts.
OWNED BY: Queen City Broadcasting Co.
OPERATED BY: Queen City Broadcasting Co.
BUSINESS ADDRESS: Cobb Bldg. PHONE:

Seneca 1500. STUDIO ADDRESS: Cobb Bldg. TRANSMITTER LOCATION: 2nd and Union Sts. TIME ON THE AIR: 6:00 A.M. to 2:00 A.M. daily; Sunday, 7:00 A.M. to 1:00 A.M. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICES: World Broadcasting System, Standard Radio.

Personnel

President	Louis K. Lear
Station Manager	.H. J. Quilliam
Business Manager	.Loren B. Stone
Program Director	Tommy Thomas
Sales Manager	J. A. Morton
Chief Announcer	. Maurice Rider
Publicity Director	Vera Jidlick
Chief Engineer	.James Hatfield

POLICIES

Does not accept spiritous liquors.

REPRESENTATIVE

The Katz Agency

KJR

"SEATTLE'S PIONEER RADIO STATION"

SEATTLE—EST. 1921
NBC (PACIFIC COAST BLUE)

NORTHWEST TRIANGLE

FREQUENCY: 970 Kc. POWER: 5000 Watts. OWNED BY: National Broadcasting Co. OPERATED BY: Fisher's Blend Station, Inc. BUSINESS ADDRESS: Skinner Bldg. PHONE: Elliott 5890. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: 2600 26th Ave., S. W. TIME ON THE AIR: (daily) 7:00 A.M. to 12:00 P.M. (Sunday) 8:00 A.M. to 11:00 P.M. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: NBC Thesaurus.

Personnel

PresidentO. W. Fisher
Station ManagerBirt F. Fisher
Commercial & Advertising
Manager
Chief AnnouncerBennett Fisher
Publicity DirectorDick Keplinger
Chief EngineerFrancis Brott

POLICIES

Accepts no hard liquor advertising. Accepts Scandinavian (foreign) language accounts. Limit to 10 per cent commercial content.

REPRESENTATIVE Edward Petry & Co., Inc.

K O I

SEATTLE—EST. 1922 MUTUAL—DON LEE

PACIFIC BROADCASTING CO. FREQUENCY: 1270 Kc. POWER: 5000 Watts,

d.; 1000 Watts, n. OWNED BY: Seattle Broadcasting Co. OPERATED BY: Same. BUSINESS ADDRESS: Northern Life Tower. PHONE: Main 2312. STUDIO ADDRESS: Same. TRANS-MITTER LOCATION: 1110 West Florida. TIME ON THE AIR: 6:30 A.M. to 12:00 midnight. NEWS SERVICES: Transradio Press, local news through Seattle Post Intelligencer. TRANSCRIPTION SERVICES: Titan, NAB Library.

Personnel

Vice President	.Archie Taft
General ManagerE.	D. Pederson
Chief Announcer Wilson Art	hur Edwards
Musical Director	Don Isham
Chief Engineer	L. Henderson

POLICIES

Advertising of alcoholic beverages not accepted, excepting beer and wine.

REPRESENTATIVE

John Blair & Co.

K O M O

"FISHER'S BLEND STATION"

SEATTLE—EST. 1925

NBC (PACIFIC COAST RED) NORTHWEST TRIANGLE

FREQUENCY: 920 Kc. POWER: 5000 Watts, d.: 1000 Watts, n. OWNED BY: Fisher's Blend Station Inc. OPERATED BY: Same. BUSINESS ADDRESS: Skinner Bldg. PHONE: Elliott 5890. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: 2500 26th Ave., S. W. TIME ON THE AIR: (daily) 7:00 A.M. to 12:00 midnight. (Sunday) 8:00 A.M. to 11:00 P.M. TRANSCRIPTION SERVICE: NBC Thesaurus.

Personnel

President	w.	Fisher
Station ManagerBirt	F.	Fisher
Commercial & Advertising		
ManagerH.	M.	Feltis
Chief AnnouncerBenr	ett	Fisher
Publicity DirectorDick	Kej	olinger
Chief EngineerFro	ıncis	Brott

POLICIES

Accepts no hard liquor advertising, or foreign language accounts. Commercial content limited to 10 per cent of program time.

We have no special merchandising feature. We send out all publicity releases to the publications using radio news.

REPRESENTATIVE

Edward Petry & Co., Inc.

KRSC

SEATTLE-EST, 1926

FREQUENCY: 1120 Kc. POWER: 250 Watts. OWNED BY: Radio Sales Corp. OPERATED BY: Radio Sales Corp. BUSINESS ADDRESS: 819 Fairview Place. PHONE: Elliot 3480. STU-DIO ADDRESS: 819 Fairview Place. TRANS- MITTER LOCATION: 819 Fairview Place. TIME ON THE AIR: 6:00 A.M. to 1:30 A.M. NEWS SERVICE: Transradio Press. TRANSCRIP-TION SERVICE: Lang-Worth, Standard Radio.

Personnel

President	.P. K. Leberman
Station Manager	Robt. E. Priebe
Commercial Manager	R. C. Fuller
Chief Announcer	Ted Bell
Publicity Director	E. B. Rivers
Musical Director	.Robt. S. McCaw
Chief EngineerGee	orge A. Freeman

POLICIES

No liquor, wine or beer; no foreign language accounts; no proprietary medicine accounts.

Merchandising: Supports advertisers with publicity in sixteen weekly community newspapers. Circulation 80,000. Arranges window displays, and contacts local distributors.

REPRESENTATIVE

Gene Furgason & Co.

KTW

"FOR THE GOSPEL AND THE CONSTITUTION"

SEATTLE-EST. 1919

FREQUENCY: 1220 Kc. POWER: 1000 Watts. OWNED BY: The First Presbyterian Church of Seattle. OPERATED BY: Same. BUSINESS ADDRESS: 7th & Spring Sts. PHONE: Main 4177, Main 2056. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: (Sunday) 10:00 A.M. to 10:00 P.M. (Thursday) 7:30 P.M. to 10:30 P.M. (Shares time with radio station KWSC.)

Personnel

President and Station	
Manager Dr. M. A. Matthe	ws
Chief Announcer	αn
Mrs. C. R. Fo	088
Musical Director Mrs. C. R. Fo	220
Chief EngineerJames S. Ro	280

POLICIES

No advertising or commercial programs. Church programs and broadcasts only.

KXA

SEATTLE-EST. 1928

FREQUENCY: 760 Kc. POWER: 1000 watts (C. P.). OWNED BY: American Radio Telephone Co. OPERATED BY: American Radio Telephone Co. BUSINESS ADDRESS: 314 Bigelow Bldg. PHONE: Seneca 1000-1001. STUDIO ADDRESS: 314 Bigelow Bldg. TRANSMITTER LOCATION: 314 Bigelow Bldg. TIME ON THE AIR: 6:30 A.M. to sundown: 10:00 P.M. to 3:00 A.M. (9:00 P.M. during eastern daylight saying time).

Personnel

President	. R.	F.	Meggee
Station ManagerFlo	ren	се	Wallace
Chief AnnouncerJe	acks	on	Latham
Chief EngineerMauric	e M	. M	IcMullen

POLICIES

Accepts beer and light wines. Foreign language accounts accepted if accompanied by translations. No patent medicines accepted.

REPRESENTATIVE

Cox and Tanz

KFIO

SPOKANE-EST, 1922

FREQUENCY: 1120 Kc. POWER 100 Watts. OWNED BY: Spokane Broadcasting Co. OPERATED BY: Spokane Broadcasting Co. BUSINESS ADDRESS: 526 Riverside Ave. STUDIO ADDRESS: 526 Riverside Ave.; 204 Norfolk and 408½ West Sprague Ave., Spokane. TRANSMITTER LOCATION: 526 Riverside Ave. TIME ON THE AIR: 6:00 A.M. to local sunset. TRANSCRIPTION SERVICE: C. P. MacGregor.

Personnel

President......A. L. Smith

KFPY

"THE PIONEER BROADCASTING STATION OF THE INLAND EMPIRE"

SPOKANE—EST. 1922 CBS—PACIFIC NETWORK

FREQUENCY: 890 Kc. POWER: 5000 Watts, d.; 1000 Watts, n. OWNED BY: Symons Broadcasting Co., Inc. OPERATED BY: Same. BUSINESS ADDRESS: Symons Bldg. PHONE: Main 1218. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Route 3, Box 100. TIME ON THE AIR: (Daily) 6:45 A.M. to midnight; (Sunday) 8:00 A.M. to midnight. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: Lang-Worth, NAB Library.

Personnel

PresidentT.	w.	Sy	mo	ns,	Jr.
Vice-President & Commercial					
Manager	. Artl	hur	L.	Bri	ght
Program Director	R.	W	. В	raz	eαl
Musical Director	. Jar	nes	B.	Clo	ırk
Chief Engineer	Geor	qe	La	nqf	ord

POLICIES

No time sold for religious broadcasts or hard liquor advertising. Merchandising done at cost to advertiser.

REPRESENTATIVES

Gene Furgason & Co.
Walter Biddick Co. (West Coast)

KGA

SPOKANE-EST, 1926

NBC (BLUE)—NORTHWEST TRIANGLE CHAIN FREQUENCY: 1470 Kc. POWER: 5000 Watts. OWNED BY: Louis Wasmer. OPERATED BY: Louis Wasmer. BUSINESS ADDRESS: Radio Central Bldg. PHONE: M 5383. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Lidgewood & Rowan. TIME ON THE AIR: Full Time License.

Personnel

Station Manager.....Louis Wasmer Assistant Manager.....Harvey Wixson

REPRESENTATIVE

Edward Petry & Company

K H Q

"TELLING THE WORLD"

SPOKANE—EST. 1920 NORTHWEST TRIANGLE CHAIN NATIONAL BROADCASTING CO.—(RED)

FREQUENCY: 590 Kc. POWER: 5000 Watts, d.; 1000 Watts, n. OWNED BY: Louis Wasmer, Inc. OPERATED BY: Louis Wasmer, Inc. BUSINESS ADDRESS: Radio Central Bldg. PHONE: M-5383. STUDIO ADDRESS: Radio Central Bldg. TRANSMITTER LOCATION: 4105 S. Regal St. TIME ON THE AIR: 6:45 A.M. to 12:00 midnight: Sunday, 8:00 A.M. to 12:00 midnight. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: NBC Thesaurus and has Studio Recording Equipment.

Personnel

President	Louis Wasmer
Station Manager	Harvey Wixson
Chief Announcer	Harry Lantry
Assistant Manager	Herb Wixson
Musical Director	Marian Boyle
Chief Engineer	.A. G. Sparling

POLICIES

No hard liquor accounts accepted.

REPRESENTATIVE Edward Petry & Co., Inc.

K M O

"THE VOICE OF TACOMA"

TACOMA—EST. 1922 MUTUAL—DON LEE NETWORK PACIFIC BROADCASTING CO.

FREQUENCY: 1330 Kc. POWER: 1000 Watts. OWNED BY: KMO, Inc. OPERATED BY: KMO, Inc. BUSINESS ADDRESS: 914½ Broadway. PHONE: Main 4144. STUDIO ADDRESS: 914½ Broadway. TRANSMITTER LOCATION: 1½ miles east of Tacoma. TIME ON THE AIR:

6:00 A.M. to 12:00 midnight. NEWS SERVICE: United Press. TRANSCRIPTION SERVICES: World Broadcasting System, NAB Library, Lang-Worth.

Personnel

President and Station
Manager
Assistant ManagerJack Buchanan
Advertising ManagerRoscoe Smith
Chief Announcer
Publicity DirectorLarry Huesby
Musical Director
Chief EngineerJoe Kolesgr

POLICIES

No liquor advertising. Accepts foreign language accounts.

Advertise all of commercial accounts in "Shopping News."

REPRESENTATIVE

John Blair & Company

KVI

"THE PUGET SOUND STATION"

TACOMA—EST. 1929

COLUMBIA BROADCASTING SYSTEM FREQUENCY: 570 Kc. POWER: 5000 Watts. d.; 1000 Watts, n. OWNED BY: Puget Sound Broadcasting Co. OPERATED BY: Same. BUSINESS ADDRESS: W. R. Rust Bldg. PHONE: BR. 4211, 2, 3-Tacoma; Ma. 1171-Seattle. STUDIO ADDRESS: W. R. Rust Bldg. Tacoma, Olympic Hotel. Seattle. TRANSMITTER LOCATION: Vashon Island. TIME ON THE AIR: 6:00 A.M. to midnight. NEWSPAPER AFFILIATION: Tacoma News Tribune. NEWS SERVICE: Associated Press (non-commercial).

Personnel

President & Station
ManagerVernice Boulianne
Commercial ManagerEarl T. Irwin
Sales Promotion DirectorElvin E. Evans
Publicity Director Dorothy Doernbecher
Musical DirectorJane Powers
Program DirectorWade Thompson
Chief EngineerJames W. Wallace

POLICIES

Does not accept foreign language or hard liquor accounts.

Merchandising: Station makes every effort to cooperate with accounts in special merchandising or exploitation features—such as letters to the trade, personal contacts, newspaper publicity stories, etc.

REPRESENTATIVE

Free & Peters, Inc.

KVAN*

VANCOUVER-EST, 1939

FREQUENCY: 880 Kc. POWER: 250 watts.
OWNED BY: Vancouver Radio Corp. OPERATED BY: Same. BUSINESS ADDRESS:
Clark County National Bank Bldg. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Vancouver. TIME ON THE AIR: Daytime License.

Personnel

President	Sheldon F. Sackett
Vice-President	D. Elwood Caples
General Manager	Walter L. Read
Commercial Manager	Ricky Bras
Chief Engineer	Paul W. Spargo

^{&#}x27;Station licensed to operate under a C. P. No further information was available at the time of going to press.

ΚÜJ

"SERVING THE NORTHWEST'S RICHEST AGRICULTURAL AREA"

WALLA WALLA—EST. 1928

FREQUENCY: 1370 Kc. POWER: 100 Watts. OWNED BY: KUJ, Inc. OPERATED BY: KUJ, Inc. BUSINESS ADDRESS: 2nd and Rose Sts. PHONE: 1230. STUDIO ADDRESS: 2nd and Rose Sts. TRANSMITTER LOCATION: 2nd and Rose Sts. TIME ON THE AIR: 6:30 A.M. to 10:00 P.M. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: World Broadcasting System, Lang-Worth.

Personnel

President and General
Manager
Commercial DirectorJerry Jensen
Advertising DirectorNorval Armes
Program DirectorJohn F. Hicks
Chief AnnouncerDick Crombie
Publicity DirectorEsther Carter
Musical DirectorRoy Dorr
Chief EngineerMilton MacLafferty

POLICIES

No liquor accounts accepted.

Merchandising: Station's policy is to concentrate on sale and production of sponsored programs rather than over-emphasis of commercial announcements.

REPRESENTATIVES

Cox & Tanz, Philadelphia Sears & Ayer, Chicago Walter Biddick Co., Pacific Coast

KPQ

WENATCHEE—EST. 1930
MUTUAL—DON LEE BROADCASTING
COMPANY

PACIFIC BROADCASTING CO. FREQUENCY: 1500 Kc. POWER: 250 Watts, d.; 100 Watts, n. OWNED BY: Wescoast Broadcasting Co. OPERATED BY: Wescoast Broadcasting Co. BUSINESS ADDRESS: KPQ Bldg. PHONE: 45 and 875. STUDIO ADDRESS: KPQ Bldg. TIME ON THE AIR: 7:00 A.M. to 11:00 P.M. (Daily): 9:00 A.M. to 11:15 P.M. (Sunday). NEWS SERVICE: International News Service.

Personnel

PresidentRogan Jones
Station and Commercial
ManagerCole Wylie
Chief AnnouncerLouis Gillette
Publicity DirectorDorothy Lee
Chief EngineerElwood Lippincott

POLICIES

Accepts beer and wine accounts. Gives publicity in all news casts; sales force gives advertisers special cooperation.

KİT

"VOICE OF THE YAKIMA VALLEY"

YAKIMA—EST. 1929

MUTUAL—DON LEE BROADCASTING SYSTEM

PACIFIC BROADCASTING CO.

FREQUENCY: 1250 Kc. POWER: 1000 watts, d.; 500 watts, n. OWNED BY: Carl E. Haymond. OPERATED BY: Carl B. Haymond. BUSINESS ADDRESS: 414 E. Yakima Ave. PHONE: 8115, 8116, 4513. STUDIO ADDRESS: 414 E. Yakima Ave. TRANSMITTER LOCATION: Old Town, Wash. TIME ON THE AIR: 6:30 A.M. to 12:00 midnight; Sunday, 8 A.M. to 12:00 midnight. NEWS SERVICE: United Press News. TRANSCRIPTION SERVICES: World Broadcasting System, C. P. MacGregor, Lang-Worth.

Personnel

PresidentCarl E. Haymond
Resident Station ManagerJ. A. Murphy
Commercial ManagerA. Q. Moore
Chief AnnouncerBob Dyal
Publicity DirectorP. Wick
Musical Director
Chief Engineer

POLICIES

Accepts beer and wine advertising, also foreign language accounts.

Will set up dealer displays in territory within five mile radius of station and will mail out dealer helps at cost to advertiser.

REPRESENTATIVE

John Blair & Company

WEST VIRGINIA

Population 1,865,000

Number of Families 417,000

Number of Radio Homes 348,300

Retail Sales \$332,190,000

Auto Registrations 219,550

WJLS

BECKLEY-EST, 1939

FREQUENCY: 1210 Kc. POWER: 250 watts, d.: 100 watts, n. OWNED BY: Joe L. Smith Jr. OPERATED BY: Joe L. Smith Jr. BUSINESS ADDRESS: WJLS Bldg.. Main St. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Teel Road. TIME ON THE AIR: Full Time License. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: NBC Thesaurus.

Personnel

Station	Manager		Joe	L.	Smith	Jr
Adverti	sina Manac	er	I o	ame	es I., C	Cox

WHIS

"SERVING THE BILLION DOLLAR COALFIELDS OF W. VA. AND VA."

BLUEFIELD-EST, 1928

FREQUENCY: 1410 Kc. POWER: 1000 Watts, d.; 500 watts, n. OWNED BY: Daily Telegraph Printing Co. OPERATED BY: Daily Telegraph Printing Co. BUSINESS ADDRESS: 621 Commerce St., Bodell Bldg. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Harry Heights. TIME ON THE AIR: Week days, 5:00 A.M. to 10:00 P.M.; Sundays, 9:00 A.M. to 9:00 P.M. NEWSPAPER AFFILIATION: Bluefield Daily Telegraph, Sunset News. TRANSCRIPTION SERVICE: World Broadcasting System. MAINTAINS ARTISTS' BUREAU.

Personnel

$\textbf{Manager}.\dots$	H.	Murphy,	Jr.
Chief Engineer	P.	T. Flanag	αn

POLICIES

Advertising of alcoholic beverages not accepted, excepting beer and wine.

Merchandising service available.

REPRESENTATIVE

The Katz Agency

WCHS

CHARLESTON-EST, 1927

CBS-WEST VIRGINIA NETWORK

FREQUENCY: 580 Kc. POWER: 1000 Watts, d.: 500 Watts, n. OWNED BY: John A. Kennedy. OPERATED BY: Howard L. Chernoff, Station Manager. BUSINESS ADDRESS: 1008 Lee St. PHONE: 28-131-2-3-4. STUDIO ADDRESS: 1008 Lee St. TRANSMITTER LOCATION: 5 miles from Charleston. TIME ON THE AIR: 6:00 A.M. to 1:00 A.M. NEWS SERVICE: United Press. MAINTAINS ARTISTS' BUREAU. TRANSCRIPTION SERVICE: NBC Thesaurus.

Personnel

PresidentJohn A. Kennedy
Station & Sales ManagerHarold L. Chernoff
Chief AnnouncerGeorge Gow
Artists' Bureau Head &
Musical Director
Chief EngineerOdes Robinson

POLICIES

Accepts beer advertising. Foreign language programs accepted at certain hours.

Complete merchandising service available at cost.

REPRESENTATIVE

The Branham Co.

W G K V *

CHARLESTON-EST, 1939

FREQUENCY: 1500 Kc. POWER: 100 watts.

OWNED BY: Kanawha Valley Broadcasting
Co. OPERATED BY: Same. BUSINESS ADDRESS: Charleston. STUDIO ADDRESS:
Same. TRANSMITTER LOCATION: Same.

TIME ON THE AIR: Full Time License.

^{*} Station was licensed to operate under a C. P. and no further information available at time of going to press.

WBLK

"CLARKSBURG'S OWN RADIO STATION"

CLARKSBURG-EST. 1937

THE WEST VIRGINIA NETWORK

FREQUENCY: 1370 Kc. POWER: 100 watts. OWNED BY: The Exponent Company. OPERATED BY: Same. BUSINESS ADDRESS: Clarksburg. PHONE: 3040. STUDIO ADDRESS: Robinson Grand Theater Bldg. TRANSMITTER LOCATION: Glen Elk No. 2. TIME ON THE AIR: 6:00 A.M. to 12:00 P.M. NEWS-PAPER AFFILIATION: The Clarksburg Exponent. NEWS SERVICE: United Press. TRANSCRIPTON SERVICE: NBC Thesaurus.

Personnel

President	.John A	. Kennedy
Station & Commercial		
Manager	"Mike"	Layman
Chief Announcer & Program		
Director	Don N	IcWhorter
Chief Engineer	Wm. P.	Heitzman

POLICIES

Advertising of beer accounts accepted.

Merchandising department is available at cost.

REPRESENTATIVE

The Branham Co.

WMMN

"THE VOICE OF WEST VIRGINIA"

FAIRMONT—EST. 1928

COLUMBIA BROADCASTING SYSTEM

FREQUENCY: 890 Kc. POWER: 1000 Watts, d.: 500 Watts, n. (C. P. 5000 Watts, d.: 1000 Watts, n.). OWNED BY: Monongahela Valley Broadcasting Co. OPERATED BY: Monongahela Valley Broadcasting Co. BUSINESS ADDRESS: 208 Adams St. PHONE: 3100. STUDIO ADDRESS: 208 Adams St. TRANSMITTER LOCATION: Monongah. TIME ON THE AIR: 6:30 A.M. to 12:00 midnight. NEWS SERVICE: International News Service. TRANSCRIPTION SERVICE: Standard Radio. MAINTAINS ARTISTS: BUREAU.

Personnel

President
Commercial ManagerR. C. Warden
Program Manager & Chief
Announcer
Publicity Director
Musical DirectorFrank Knuth
Chief EngineerRoy Hech

POLICIES

Liquor accounts not accepted.

Station will cooperate to any reasonable extent with advertisers on merchandising program.

REPRESENTATIVE

John Blair & Company

WSAZ

HUNTINGTON-EST. 1927

FREQUENCY: 1190 Kc. POWER: 1000 Watts. OWNED BY: WSAZ, Inc. OPERATED BY: WSAZ,

Personnel

z cr somet
President and Station
Manager
Commercial Manager
Advertising ManagerV. C. Bailey
Chief Announcer and Musical
DirectorFred Burns
Publicity ManagerV. C. Bailey
Chief Engineer

POLICIES

Beer and wines and foreign language accounts accepted.

Will make coincidental surveys, retail outlet surveys, furnish newspaper, billboard, and direct mail counsel and copy, outlet contacts, newspaper publicity, etc., at expense—on cost basis—of advertiser.

WPAR

PARKERSBURG-EST, 1935

CBS-WEST VIRGINIA NETWORK

FREQUENCY: 1420 Kc. POWER: 100 Watts. OWNED BY: Ohio Valley Broadcasting Corp. OPERATED BY: Ohio Valley Broadcasting Corp. BUSINESS ADDRESS: Grinter Bldg. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Gihon Road, S. Parkersburg. TIME ON THE AIR: 6:00 A.M. to 12:00 midnight. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: NBC Thesaurus.

Personnel

PresidentJohn A.	Kennedy
Station ManagerAl	be Rauch
Chief AnnouncerPaul	Schimmel
Musical DirectorSarah I	He ermans
Chief Engineer	McDowell

POLICIES

Continuity requirements to be met on liquor and foreign language accounts.

Normal contacts made with dealers and distributors, circulars and letters written and mailed; special display cards furnished and distributed; special directional announcements made.

REPRESENTATIVE

The Branham Co.

WWVA

"THE FRIENDLY VOICE FROM OUT OF THE HILLS OF WEST VIRGINIA"

WHEELING—EST. 1926

COLUMBIA BROADCASTING SYSTEM FREQUENCY: 1160 Kc. POWER: 5000 Watts. OWNED BY: West Virginia Broadcasting Co. OPERATED BY: West Virginia Broadcasting Co. BUSINESS ADDRESS: Hawley Bldg. PHONE: Wheeling 5383. STUDIO ADDRESS: Hawley Bldg. TRANSMITTER LOCATION: Near West Liberty. TIME ON THE AIR: Opening 6:00 A.M.—Closing varies due to time division from 8:30 P.M. to 2:00 A.M. NEWSPAPER AFFILIATION: Greater Wheeling Home Talk. NEWS SERVICE: International News Service. TRANSCRIPTION SERVICE: NBC Thesaurus.

Personnel

President.		В.	Storer
Managing	DirectorGeorge	w.	Smith
Production	ManagerPau	I J.	Miller

POLICIES

Accepts only advertising for beer—up to 6 per cent alcoholic content.

REPRESENTATIVE

John Blair & Company

WBTH*

WILLIAMSON—EST. 1939

FREQUENCY: 1370 Kc. POWER: 100 Watts. OWNED BY: Williamson Broadcasting Corp. OPERATED BY: Same. BUSINESS ADDRESS: Williamson. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: Daytime License.

*WISCONSIN=

Population 2,926,000

Number of Families 735,000

Retail Sales \$871.832.000

Number of Radio Homes 612,700

Auto Registrations 707,000

WEAU

EAU CLAIRE

NORTH CENTRAL BROADCASTING SYSTEM FREQUENCY: 1050 Kc. POWER: 1000 Watts. OWNED BY: Central Broadcasting Co. OPERATED BY: Central Broadcasting Co. BUSINESS ADDRESS: 203 S. Barstow St. STUDIO ADDRESS: Same. TRANSMITTER: LOCATION: Eau Claire. TIME ON THE AIR: Shares time with KPBI. NEWSPAPER AFFILIATION: Superior Evening Telegram. TRANSCRIPTION SERVICE: World Broadcasting System, C. P. MacGregor.

PERSONNEL

Manager.....John J. Stack

REPRESENTATIVE

George P. Hollingbery Co.

KFIZ

FOND-DU-LAC—EST. 1922
WISCONSIN RADIO NETWORK
FREQUENCY: 1420 Kc. POWER: 100 watts.
OWNED BY: Reporter Printing Co. OP-

ERATED BY: Reporter Printing Co. BUSINESS ADDRESS: 18 W. 1st St. PHONE: 356. STUDIO ADDRESS: 18 W. 1st St. TRANSMITTER LOCATION: 18 W. 1st St. TIME ON THE AIR: 8:00 A.M. to 9:00 P.M. NEWSPAPER AFFILIATIONS: Fond-du-Lac Commonwealth Reporter. NEWS SERVICE: United Press.

Personnel

Manager.....Lynn N. Fairbanks

POLICIES

Advertising of alcoholic beverages accepted.

REPRESENTATIVE

Small & Brewer, Inc.

WHBY

"VOICE OF THE FOX RIVER VALLEY"

GREEN BAY—EST. 1925

WISCONSIN RADIO NETWORK

FREQUENCY: 1200 Kc. POWER: 250 watts. d.; 100 watts, n. OWNED BY: WHBY, Inc. OPERATED BY: WHBY, Inc., subsidiary of St. Norbert College. BUSINESS ADDRESS: Bellin Bldg. PHONE: Adams 1, Adams 2.

^{*} Station licensed to operate on a construction permit. No further information was available at time of going to press.

STUDIO ADDRESS: Bellin Bldg. TRANSMIT-TER LOCATION: W. De Pere. TIME ON THE AIR: Daily 7:00 a.m. to 10:00 p.m., Sunday 9:00 a.m. to 10:00 p.m. MAINTAINS ARTIST NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: World Broadcasting System, C. P. MacGregor.

Personnel

PresidentB. H. Pennings
Station & Commercial
ManagerRev. James A. Wagner
Artists Bureau HeadEm Owen
Chief AnnouncerEm Owen
Sales ManagerVal Schneider
Publicity DirectorAlf. W. Michel
Musical DirectorEm Owen
Chief Engineer

POLICIES

No special restrictions as long as ethics of various firms and advertising rules are ob-

Merchandising department which has staged special sales drives in connection with introducing products into the territory by contacting retail outlets.

REPRESENTATIVE

Small & Brewer, Inc.

WTAQ

GREEN BAY—EST. 1922

COLUMBIA BROADCASTING SYSTEM

FREQUENCY: 1330 Kc. POWER: 1000 watts (C. P.: 5000 watts, d.). OWNED BY: WHBY, Inc. OPERATED BY: WHBY, Inc., subsidiary of St. Norbert College. BUSINESS ADDRESS: Bellin Bldg. PHONE: Adams 1, Adams 2. STUDIO ADDRESS: Bellin Bldg. TRANSMIT-TER LOCATION: W. De Pere. TIME ON THE AIR: Daily, 7:00 A.M. to 12:00 midnight; Sundays, 10:00 A.M. to 12:00 midnight. MAIN-TAINS ARTISTS' BUREAU. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: World Broadcasting System, C. P. MacGregor.

Personnel

PresidentB. H. Pennings Station & Commercial
ManagerRev. James A. Wagner
Artists Bureau HeadEm Owen
Chief AnnouncerEm Owen
Sales ManagerVal Schneider
Publicity DirectorAlf. W. Michel
Musical DirectorEm Owen
Chief Engineer

POLICIES

No restrictions aside from requiring ethics of advertising be observed strictly in handling of any account.

Station maintains merchandising department.

REPRESENTATIVE

Small & Brewer

WCLO

"THE VOICE OF SOUTHERN WISCONSIN"

JANESVILLE-EST, 1930

FREQUENCY: 1200 Kc. POWER: 250 Watts. d.; 100 Watts, n. OWNED BY: Gazette Printing Co. OPERATED BY: Same. BUSINESS ADDRESS: 200 E. Milwaukee St. PHONE: 2500. STUDIO ADDRESS: 200 E. Milwaukee St. TRANSMITTER LOCATION: S. Oakhill Ave. TIME ON THE AIR: 7:00 A.M. to 10:00 P.M. NEWSPAPER AFFILIATION: The Janesville Daily Gazette. NEWS SERVICE: Transradio Press and Associated Press. MAIN-TAINS ARTISTS' BUREAU. TRANSCRIPTION SERVICE: NBC Thesaurus, C. P. MacGregor.

Personnel

President S. H. Blis	s
General ManagerR. L. Ferguson	α
Chief Engineer	n

POLICIES

No liquor advertising. Foreign language accounts accepted. Patent medicine accounts must first be approved by management.

Merchandising: All commercial programs exploited through the news columns of the Janesville Daily Gazette, with 15,000 circulation, 35-mile radius. Art Department will plan and produce point of sale display tie-up and merchandising department works with field representatives. Weekly bulletins to entire drug and grocery mailing list publicizes new programs. Several currently running test campaigns produced and exploited through close cooperation with agencies.

REPRESENTATIVE

Weed & Co.

WKBH

"CONNECTING LINK BETWEEN CHICAGO AND MINNEAPOLIS

LA CROSSE—EST. 1923

COLUMBIA BROADCASTING SYSTEM

FREQUENCY: 1380 Kc. POWER: 1000 watts. OWNED BY: WKBH, Inc. OPERATED BY: WKBH, Inc. BUSINESS ADDRESS: Radio Building, 409 Main St. PHONE: 450. STUDIO ADDRESS: Radio Building, 409 Main St.; Hotel Winona, Winona. TRANSMITTER LO-CATION: R.F.D., La Crosse. TIME ON THE AIR: 6:00 A.M. to 11:00 P.M. NEWS SERV-ICES: United Press, local news. TRANSCRIP-TION SERVICE: World Broadcasting System.

Personnel

President and Station	
ManagerOtto M. Sci	hlabach
Commercial Manager Chas. F. Co	ıllaway
Program DirectorBernice Co	allaway
Musical DirectorJohan	Fossum
Chief Engineer Al	Leeman

POLICIES

No liquor advertising accepted. Beer and foreign language programs accepted if programs are up to standard compared with other programs broadcast over WKBH.

Advance spot announcements. Personal calls on dealers in La Crosse and Winona. Letters to outside dealers. Advance publicity in city and country papers. Full cooperation with client to bring desired results.

REPRESENTATIVE

Howard H. Wilson Co.

WHA

AMERICA'S OLDEST EDUCATIONAL BROADCASTING STATION

MADISON—EST. 1922

FREQUENCY: 940 Kc. POWER: 5000 Watts. OWNED BY: University of Wisconsin. OPERATED BY: University of Wisconsin. BUSINESS ADDRESS: Madison. STUDIO ADDRESS: Radio Hall, U. of W. Campus. TRANSMITTER LOCATION: Fish Hatchery Road. TIME ON THE AIR: 8:00 A.M. to local sunset.

Personnel

Director	cCarty
Public Relations Director	Engel
Musical DirectorFrederick	Fuller
Chief OperatorJohn	Stiehl

POLICIES

Station does not sell time.

WIBA

MADISON—EST. 1924

NBC (Red and Blue)

FREQUENCY: 1280 Kc. POWER: 5000 Watts, d.; 1000 Watts, n. OWNED BY: Badger Broadcasting Co. OPERATED BY: Badger Broadcasting Co. BUSINESS ADDRESS: 111 King St. PHONE: Fairchild 8800. STUDIO ADDRESS: 111 King St. TRANSMITTER LOCATION: Rt. 5. Madison. TIME ON THE AIR: 7:00 A.M. to midnight. NEWSPAPER AFFILIATIONS: The Capital Times, Wisconsin State Journal, Daily Cardinal. NEWS SERVICE: United Press, and own local news bureau. TRANSCRIPTION SERVICES: World Broadcasting System, NBC Thesaurus.

Personnel

President	William T. Evjue
Business Manager	W. E. Walker
Program Manager & Pub	licity
Director	K. F. Schmitt
Musical Director	Leon Perssion
Chief Engineer	M. F. Chapin

POLICIES

No liquor advertising accepted.

Merchandising occasionally and to a limited extent.

REPRESENTATIVE

Small & Brewer (Chicago)

WOMT

"THE NEWSPAPER OF THE AIR"

MANITOWOC-EST, 1926

FREQUENCY: 1210 Kc. POWER: 100 Watts. OWNED BY: Francis M. Kadow. OPERATED BY: Same. BUSINESS ADDRESS: Radio Bldg. PHONE: 167-400W. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: 11110 Washington St. TIME ON THE AIR: 6:57 A.M. to 11:00 P.M. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: World Broadcasting System.

Personnel

Gener	al ManagerF. M. Kadow
Chief	Announcer
Sales	Manager
Chief	Engineer

POLICIES

No restrictions on liquor and beer advertisements. No foreign language accounts accepted.

Merchandising through window card supplied by station and placed on long term accounts. Also movie trailers for outstanding program accounts.

WEMP

"THE FRIENDLY STATION"

MILWAUKEE-EST, 1935

FREQUENCY: 1310 Kc. POWER: 100 watts. OWNED BY Milwaukee Broadcasting Co. OPERATED BY: Milwaukee Broadcasting Co. BUSINESS ADDRESS: 710 N. Plankinton. PHONE: Marquette 7722. STUDIO ADDRESS: 711 Empire Bldg. TRANSMITTER LOCATION: 710 Empire Bldg. TIME ON THE AIR: 6:30 A.M. to 12:00 midnight. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: NAB Library.

Personnel

President
Station Manager
Commercial ManagerGene T. Dyer
${\bf Advertising} \ {\bf Manager}{\bf Glenn} \ {\bf Roberts}$
Chief AnnouncerChas. La Force
Sales ManagerBen Wolff
Publicity DirectorChas. A. La Force
Musical DirectorFlorence Bettry-Kelly
Chief EngineerRaymond Host

POLICIES

Accept liquor and foreign language programs, subject to station supervision.

REPRESENTATIVE

Weston, Frykman and Allen

WISN

"SERVICING THE PUBLIC ADDRESS"

MILWAUKEE—EST. 1922

COLUMBIA BROADCASTING SYSTEM FREQUENCY: 1120 Kc. POWER: 1000 watts. OWNED BY: Hearst Radio, Inc. OPERATED BY: Hearst Radio, Inc. BUSINESS ADDRESS: 123 W. Michigan. PHONE: Daly 3900. STUDIO ADDRESS: 123 W. Michigan. TRANSMITTER LOCATION: 231 W. Michigan. TIME ON THE AIR: 6:00 A.M. to 12:00 midnight: Sunday, 7:30 A.M. to 12:00 midnight. NEWSPAPER AFFILIATIONS: Milwaukee News, Milwauke Sentinel. Sunday News-Sentinel. NEWS SERVICE: International News Service. TRANSCRIPTION SERVICE: World Broadcasting System.

Personnel

Station Manager	G.	W	. Grignon
Sales Manager	.Fr	ed :	H. Zindler
Publicity Director		. E.	Williams
Musical Director			.E. Krebs
Chief Engineer		D	A. Weller

POLICIES

Liquor accounts after 10 p.m. with live talent only.

Promote new programs over air.

REPRESENTATIVE

International Radio Sales

WTMJ

MILWAUKEE—EST. 1927 NATIONAL BROADCASTING CO.

FREQUENCY: 620 Kc. POWER: 5000 watts, d.; 1000 watts, n. OWNED BY: The Journal Company. OPERATED BY: The Milwaukee Journal. BUSINESS ADDRESS: 333 West State St. PHONE: Marquette 6000. STUDIO ADDRESS: 333 W. State St. TRANSMITTER LOCATION: 12 miles west of Milwaukee on Blue Mound Road. TIME ON THE AIR: 6:00 a.m. to 12:00 midnight. MAINTAINS TALENT SERVICE. NEWSPAPER AFFILIATIONS: The Milwaukee Journal. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: NBC Thesaurus, Standard Radio, NAB Library.

Personnel

Managing Director	Damm
Station Manager	. Abert
Asst. ManagerR. G.	Winnie
Commercial ManagerWm. F. D	ittmann
Chief AnnouncerRobt	. Heiss
Continuity DirectorRuss V	W. Tolg
Publicity Director	Eldred
Musical Director	Benning
Chief Technician	ellerup

POLICIES

No liquor advertising. Foreign language accounts not encouraged.

Furnishes special merchandising on cost basis.

REPRESENTATIVE

Edward Petry & Company

WIBU

"THE FRIENDLY FARMER STATION"

POYNETTE—EST. 1925 WISCONSIN RADIO NETWORK

FREQUENCY: 1210 Kc. POWER: 250 Watts, d.; 100 Watts, n. OWNED BY: Wm. C. Forrest. OPERATED BY: Same. BUSINESS ADDRESS: Commercial State Bank. PHONE: 97R5. STUDIO ADDRESS: Electric Farm. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 7:00 A.M. to 10:00 P.M. NEWSPAPER AFFILIATION: Baraboo News Republic. NEWS SERVICE: United Press, Transradio Press. TRANSCRIPTION SERVICES: Standard Radio, Radio Transcription Company.

Personnel

Station Manager		C. Forrest
Chief Announcer		naId Zook
Chief Engineer .	Leon	ard Doese

POLICIES

Policy governed by station belief in maintaining programs in public interest.

Merchandising: Station has studios in four communities: namely, Poynette, Portage, Baraboo, and Beaver Dam. This close contact with the social and distribution areas surrounding these communities makes possible merchandising effectiveness in a large general area which extends generally to WIBU full coverage.

WRJN

RACINE-EST, 1926

FREQUENCY: 1370 Kc. POWER: 250 Watts. OWNED BY: Racine Broadcasting Corp. OPERATED BY: Same. BUSINESS ADDRESS: American Bank Bldg. PHONE: Jackson 290. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Mt. Pleasant. TIME ON THE AIR: 8:00 A.M. to 11:00 P.M. NEWSPAPER AFFILIATIONS: Racine Journal-Times. NEWS SERVICE: United Press. TRANSCRIPTION SERVICES: NBC Thesaurus and Lang-Worth. C. P. MacGregor. MAINTAINS ARTISTS' BUREAU.

Personnel

President and General			
Manager	. F.	R. 5	Starbuck
Commercial Manager	. Joh	n M.	Printup
Chief Announcer & Artists'			
Bureau Head	R	w	Conrad

POLICIES

Station is operated entirely in the public interest and all policies are compatible with that purpose.

Full merchandising cooperation is available alike to all sponsors.

REPRESENTATIVES

Joseph Hershey McGillvra

WJMC*

RICE LAKE-EST. 1939

FREQUENCY: 1210 Kc. POWER: 250 watts. OWNED BY: Walter H. McGenty. OPERATED BY: Walter H. McGenty. BUSINESS ADDRESS: Rice Lake. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: Daytime License.

 * Station was licensed to operate under a C. P. and no further information available at time of going to press,

WHBL

"THE VOICE OF DAIRYLAND"

SHEBOYGAN—EST. 1928

WISCONSIN RADIO NETWORK

FREQUENCY: 1300 Kc. POWER: 250 watts. OWNED BY: Press Publishing Co. OPERATED BY: Press Publishing Co. BUSINESS ADDRESS: Sheboygan. PHONE: 1900. STUDIO ADDRESS: 636 Center Ave. TRANSMITTER LOCATION: R R 3 Sheboygan, Wis. TIME ON THE AIR: 7:00 A.M. to 11:30 P.M.; Sunday, 8:00 A.M. to 11:00 P.M. NEWSPAPER AFFILIATIONS: Sheboygan Press. NEWS SERVICE: United Press. MAINTAINS ARTISTS' BUREAU. TRANSCRIPTION SERVICE: World Broadcasting Co., Standard Radio, NBC Thesaurus.

Personnel

President
Manager Ed Cuniff
Chief AnnouncerGlen James
Bus. Mgr H. H. Born
Publicity DirectorE. Zufelt
Program & Musical DirectorM. J. Pape
Chief Engineer

POLICIES

Merchandise manager calls on the trade in trading area: assists sponsors by means of letters to dealers, dealer and market surveys, preparation of dealer displays and newspaper publicity.

REPRESENTATIVE

Howard H. Wilson & Co.

WLBL

"WISCONSIN LAND OF BEAUTIFUL LAKES"

STEVLNS POINT—EST. 1924

FREQUENCY: 900 Kc. POWER: 5000 watts. OWNED BY: State of Wisconsin-Department of Agriculture and Markets. OPERATED BY: Department of Agriculture and Markets. BUSINESS ADDRESS: State Teachers' College. PHONE: 525. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Auburndale. TIME ON THE AIR: Daytime License.

Personnel

Station Manager F. R. Calvert Chief Engineer H. O. Brickson

POLICIES

Non-commercial station; does not sell time.

W D S M *

SUPERIOR—EST, 1937

FREQUENCY: 1200 Kc. POWER: 100 Watts. OWNED BY: Fred A. Baxter. OPERATED BY: Fred A. Baxter. BUSINESS ADDRESS: Superior. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: Unlimited.

WSAU

"YOUR STATION"

WAUSAU—EST, 1937

FREQUENCY: 1370 Kc. POWER: 100 Watts. OWNED BY: Northern Broadcasting Co., Inc. OPERATED BY: Northern Broadcasting Co., Inc. BUSINESS ADDRESS: 113-115 Third St. PHONE: 6521. STUDIO: ADDRESS: 113-115 Third St. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 6:30 A.M. to 10:15 P.M. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: World Broadcasting System. MAINTAINS ARTISTS' BUREAU.

Personnel

President	W. E. Walker
General ManagerW	/ayne W. Cribb
Program Director	.Donald R. Burt
Publicity Director	Denman Arnold
Musical Director	Ethel La Blonde
Chief Engineer	Roland Richardt

POLICIES

All patent medicine copy must bear written acceptance of station management.

Merchandising: Maintains merchandising service along newspaper lines.

REPRESENTATIVE

Reynolds-Fitzgerald, Inc.

^{*} Station was operating under C.P. and no further information was available at time of going to press.

WYOMING:

Population 235,000

Number of Families Retail Sales \$82,681,000 Number of Radio Homes 49,800

Auto Registrations 65,000

KDFN

CASPER-EST, 1930

FREQUENCY: 1440 Kc. POWER: 500 watts. OWNED BY: D. L. Hathaway. OPERATED BY: D. L. Hathaway. BUSINESS ADDRESS: Box 930. PHONE: 407. STUDIO ADDRESS: 1st and Lennox Sts. TIME ON THE AIR: 7:30 a.m. to 9:00 p.m. NEWS SERVICE: Radio News and Transradio Press. TRANSCRIPTION SERVICES: Lang-Worth, NAB Library, Standard Radio.

Personnel

Station & Sales ManagerD.	L. Hathaway
Commercial ManagerF.	R. Hufsmith
Chief Announcer	M. Nichols
Publicity Director	H. Brewer
Chief EngineerF.	Wickencamp

POLICIES

Liquor advertising accepted with reservations on program, and program times.

REPRESENTATIVES

Sears and Ayer, James F. Fay, Walter Biddick Co.

KVRS

ROCK SPRINGS-EST. 1937

FREQUENCY: 1310 Kc. POWER: 250 Watts. d.: 100 watts, n. OWNED BY: Wyoming Broadcasting Co. OPERATED BY: Wyoming Broadcasting Co. BUSINESS ADDRESS: Rock Springs. PHONE: 93. STUDIO ADDRESS: Same. TIME ON THE AIR: Full time license. TRANSMITTER LOCATION: Lincoln Highway. TRANSCRIPTION SERVICES: NBC Thesaurus, C. P. MacGregor.

Personnel

General Manager......Ken Nielsen

K W Y O

"THE VOICE OF WYOMING" SHERIDAN—EST. 1934

FREQUENCY: 1370 Kc. POWER: 250 watts. OWNED BY: Bighorn Broadcasting Co. OPERATED BY: Bighorn Broadcasting Co. BUSINESS ADDRESS: Sheridan. PHONE: 601-2. STUDIO ADDRESS: 20 N. Main. TRANSMITTER LOCATION: Park Drive and O'Mart. TIME ON THE AIR: 7:00 O.M. to 9:30 P.M. NEWS SERVICE: Transradio Press. TRANSMITTANS

SCRIPTION SERVICES: C. P. MacGregor' Standard Radio.

Personnel

Presid	lent	. R.	E.	Carroll
Statio	n Manager	H	erb	Siebert
Chief	Announcer	Bill	Th	ompson
Chief	EngineerBol	ь С	220	thwaite

POLICIES

Liquor accounts not accepted. Station reserves right to refuse or discontinue any advertising or programs for reasons satisfactory to station.

REPRESENTATIVE

Cox & Tanz, Spot Broadcasting, Inc.

TERRITORIES AND POSSESSIONS

Alaska

KFQD

"VOICE OF THE GOLDEN NORTH"

ANCHORAGE—EST. 1924

FREQUENCY: 780 Kc. POWER: 250 watts. OWNED BY: Anchorage Radio Club, Inc. OPERATED BY: R. E. McDonald. BUSINESS: ADDRESS: KFQD Bldg. PHONE: Black 143. STUDIO ADDRESS: Anchorage. TRANSMITTER LOCATION: 411 Fourth Ave. TIME ON THE AIR: 6:00 A.M. to 11:00 P.M. NEWS SERVICE: Transradio Press, Own correspondents in numerous parts of Alaska. TRANSCRIPTION SERVICE: C. P. MacGregor, Lang-Worth.

Personnel

POLICIES

No foreign language accounts. Liquor accounts accepted only on approval. Beer accounts accepted.

REPRESENTATIVE Walter Biddick Co.

KFAR*

FAIRBANKS-EST, 1939

FREQUENCY: 610 Kc. POWER: 1000 watts.

OWNED BY: Midnight Sun Broadcasting Co.

OPERATED BY: Midnight Sun Broadcasting

Co. BUSINESS ADDRESS: Fairbanks. STU
DIO ADDRESS: Same. TRANSMITTER LO
CATION: Same. TIME ON THE AIR: Full

Time License.

Personnel

President	 			A.	E. L	athrop
Vice-President					Don	Adler
Secretary-Treasurer				. Miric	m	Dickey

*Station licensed to operate under a C. P. No further information was available at time of going to press.

KINY

JUNEAU-EST. 1935

FREQUENCY: 1430 Kc. POWER: 250 watts. OWNED BY: Edwin A. Kraft. OPERATED BY: Same. BUSINESS ADDRESS: Goldstein Bldg. PHONE: 197. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Alaska Juneau Mine Property. TIME ON THE AIR: 8:00 A.M. to 1:00 P.M. and 4:00 P.M. to 11:00 P.M. NEWS SERVICE: Transradio Press, Local News. TRANSCRIPTION SERVICES: Standard Radio, MacGregor, Titan and Lang-Worth.

Personnel

Owne	r				 		Edwir	ιA	. Kraft
Station	n Manager				 		C.	В.	Arnold
Chief	Announcer		,		 		Wil	son	Foster
Chief	Engineer .			 			C.	F.	Heister

POLICIES

No liquor accounts accepted.

REPRESENTATIVES

Northwest Radio Adv. Co., Inc., Seattle Panamerican Broadcasting Co., New York

KGBU

KETCHIKAN-EST, 1926

FREQUENCY: 900 Kc. POWER: 1000 Watts. OWNED BY: Alaska Radio and Service Co. OPERATED BY: Alaska Radio and Service Co. BUSINESS ADDRESS: KGBU Bldg. STUDIO ADDRESS: KGBU Bldg. TRANSMITTER LOCATION: Ketchikan. TIME ON THE AIR: 10:00 A.M. to 2:00 P.M. and 5:00 P.M. to 10:00 P.M.; Sunday, 4:00 P.M. to 9:00 P.M.

Personnel

President-General Mgr.....James A. Britton Vice-PresidentR. W. Britton

POLICIES

Advertising of hard liquors acceptable. The station reserves the right to reject any program material not consistent with the policy of the station or government regulations.

Hawaii

KHBC

HILO-EST. 1936

CBS-MBS

HAWAIIAN BROADCASTING SYSTEM FREQUENCY: 1400 Kc. POWER: 250 watts. OWNED BY: Honolulu Broadcasting Co. DYERATED BY: Honolulu Broadcasting Co. BUSINESS ADDRESS: P. O. Box 595; Mainland Office, Russ Bldg., San Francisco. STUDIO ADDRESS: Hilo. TIME ON THE AIR: 6:30 A.M. to 11:00 P.M. NEWSPAPER AFFILLATION: Tribune Herald of Hilo. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: World Broadcasting System, C. P. MacGregor, Standard Radio.

Personnel

General Manager......J. Howard Worrall Manager of Mainland Office....L. D. West Station Manager......Earl A. Nielson

POLICIES

No hard liquor accounts accepted.

Specialize in Japanese and Filipino programs.

Station maintains a well developed merchandising policy.

REPRESENTATIVE

John Blair & Co.

KGMB

HONOLULU—EST. 1929

CBS—MUTUAL—HAWAHAN BROADCAST-ING SYSTEM (Regional)

FREQUENCY: 1320 Kc. POWER: 1000 watts. OWNED BY: Honolulu Broadcasting Co. OPERATED BY: Honolulu Broadcasting Co. BUSINESS ADDRESS: Kapiolani Blvd. & Pensacola St. STUDIO ADDRESS: Same; Mainland Office: Russ Bldg., San Francisco. TIME ON THE AIR: 6:00 A.M. to 12:00 P.M. NEWS-PAPER AFFILIATION: Honolulu Star-Bulletin. NEWS SERVICE: United Press. TRANSCRIPTION SERVICES: World Broadcasting System, Associated, C. P. Mac Gregor, Titan Production. NAB Library.

Personnel

POLICIES

No hard liquor advertising accepted.

Specializes in Japanese participating programs. Also Filipino.

A special merchandising man devotes his entire time in assisting to merchandise national accounts that are on station.

REPRESENTATIVES

John Blair & Co.

KGU

"VOICE OF HAWAII"

HONOLULU—EST. 1922

NBC (RED & BLUE)

FREQUENCY: 750 Kc. POWER: 2500 Watts. OWNED BY: Marion A. Mulrony and Advertiser Publishing Co., Ltd. OPERATED BY: Advertiser Publishing Co., Ltd. STUDIO ADDRESS: Advertiser Square. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 6:00 A.M. to 11:15 P.M. NEWSPAPER AFFILIATION: Honolulu Advertiser. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: NBC Thesaurus, Lang-Worth.

Personnel

General Manager	M. A. Mulrony
Program Manager	Edward Jansen
Director of Natl. Adver	tising R. S. Thurston
Assistant Manager	Don O. Crozier

POLICIES

Merchandising facilities available for national advertisers.

REPRESENTATIVES

The Katz Agency Walter Biddick Co. (Coast)

ктон*

LIHUE-EST. 1939

FREQUENCY: 1500 Kc. POWER: 250 watts, d.; 100 watts, n. OWNED BY: Garden City Publishing Co. OPERATED BY: Same. BUSINESS ADDRESS: Lihue. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: Full Time License.

Puerto Rico

WPRA

"VOICE OF THE WEST" MAYAGUEZ-EST. 1937

FREQUENCY: 1370 Kc. POWER: 100-250 Watts. OWNED BY: Puerto Rico Adv. Co. OPERATED BY: Same. BUSINESS ADDRESS: Del Rio No. 26. PHONE: 269-271. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: 1 mile from city. TIME ON THE AIR: 7:00 to 9:00 A.M.—11:00 A.M. to 2:00 P.M.—6:00 to 10:00 P.M. NEWS SERVICE: Transradio Press.

Personnel

President	Andres Camara
Station Manager	Patricio R. Fermaintt
Chief Announcer	
Musical Director	
Chief Engineer	

POLICIES

No other requirements than those of the Federal Communications Commission.

WPRP

"THE VOICE OF PUERTO RICO"
PONCE—EST. 1935

FREQUENCY: 1420 Kc. POWER: 250 Watts.
OWNED BY: Julio M. Conesa. OPERATED
BY: Same. BUSINESS ADDRESS: 4-8-16
Trujillo St. STUDIO ADDRESS: Same. TIME
ON THE AIR: 8 hours daily. MAINTAINS
ARTISTS' BUREAU. NEWS SERVICE: Local
news. TRANSCRIPTION SERVICE: World
Broadcasting System.

Personnel

General ManagerJuli	0	M.	$Cones\alpha$
Artists' Bureau Head		. G	. Ayala
Commercial Manager		Ā.	Mirabal
Chief Engineer	I.	S.	Smidtke

POLICIES

Programs are all broadcast in Spanish, unless specially contracted for.

Station will furnish merchandising facilities. lacktriangled

WKAQ

SAN JUAN-EST. 1922

FREQUENCY: 1240 Kc. POWER: 1000 Watts. OWNED BY: Radio Corporation of Porto Rico. OPERATED BY: Radio Corporation of Porto Rico. BUSINESS ADDRESS: Telephone Bldg. NEW YORK OFFICE: 67 Broad St., New York City. STUDIO ADDRESS: Telephone Bldg. TRANSMITTER LOCATION: Hato Rey, P. R. TIME ON THE AIR: Unlimited.

Personnel

President J. W. G. Ogilvie

WNEL

"THE LINK OF THE AMERICAS" SAN JUAN—EST. 1934

FREQUENCY: 1290 Kc. POWER: 2500 Watts, d.; 1000 Watts, n. OWNED BY: Juan Piza. OPERATED BY: Same. BUSINESS ADDRESS: 59 Brau St. PHONE: 107-8. STUDIO ADDRESS: 59 Brau St.; 99 Sol St. TRANSMITTER LOCATION: 99 Sol St. TIME ON THE AIR: 6:30 A.M. to 11:30 P.M. NEWS SERVICES: Transradio News, Radio News Assoc. TRANSCRIPTION SERVICES: Lang-Worth.

Personnel

General ManagerJuan Piza				
Commercial ManagerVictor Cobb				
Program DirectorGustavo Diaz				
Chief Engineer				
POLICIES				

Adheres to the restrictions of the Federa' Communications Commission. Also, no two programs advertising the same class of product shall follow each other.

REPRESENTATIVE

Broadcasting Abroad, Ltd.

^{&#}x27;Station licensed to operate under a C. P. No further information was available at time of going to press.

F. C. C. REGULATIONS REGARDING BROADCASTING APPLICATIONS

PLACE of filing; number of copies. Each application for construction permit or station license, and all papers incorporated therein and made a part thereof, with respect to the number of copies and place of filing, shall be submitted as follows: Two copies direct to Washington, D. C.

Contents. Each application shall be specific with regard to frequency or frequencies, power, hours of operation, equipment, location of the station, and other information required by the application forms. An application for broadcast facilities in the band 550 kilocycles to 1600 kilocycles shall be limited to one specific frequency. An application for radio station construction permit or license requesting alternate facilities will not be accepted.

Full disclosures. Each application shall contain full and complete disclosures with regard to the real party or parties in interest, and their legal, technical, financial and other qualifications, and as to all matters and things required to be disclosed by the application forms.

Additional statements. In addition the Commission may require an applicant to submit such documents and written statements of fact, under oath, as in its judgment may be necessary.

Installation or removal of apparatus. Applications for construction permit or modification thereof, involving removal of existing transmitting apparatus and/or installation of new transmitting apparatus, shall be filed at least sixty days prior to the contemplated removal and/or installation.

Extension of time for construction, Any application for extension of time within which to commence and/or complete construction of a station shall be filed at least thirty days prior to the expiration date of such permit: Provided, however, That any such application filed within less than thirty days may be accepted upon satisfactory showing to the Commission of sufficient reasons for the delay in filing such application. No application for reinstatement of a permit already forfeited will be granted, except upon a satisfactory showing to the Commission of sufficient reasons for the delay in filing such application.

License following construction permit. In all cases where a construction permit is required by Section 319 of the Act for the construction of a station, the application for station license (or for station license or modification thereof, if for station other than broadcast) shall be filed by permittee prior to service or program tests. (All stations, except government, amateur, those on mobile vessels, railroad rolling stock or aircraft, must apply for construction permit.)

Where construction permit not required. Each application for new license, except amateur, where a construction permit is not a prerequisite thereto, shall be filed at least sixty days prior to the contemplated operation of the station: Provided, however, That in emergency and for good cause shown, the Commission may waive the requirements of this rule.

Modification of license. An application for modification of license, except amateur, and except as otherwise provided by these rules, may be filed for change in frequency, change in operating power where no construction is necessary, change in hours of operation, and for change in name of licensee where no change in ownership or control is involved. In case of a broadcast station, an application for modification of license may be filed for change in location of main studio. In case of all stations other than broadcast, an application for modification of license may be filed for change in points of communication, change in nature of authorized service, and to cover an outstanding construction permit where the station is already licensed. Except when filed to cover construction permit, each application for modification of license shall be filed at least sixty days prior to the contemplated modification of license; Provided, however, that in emergencies and for good cause shown, the requirements hereof may be waived in so far as time for filing is concerned.

Renewal of license. Unless otherwise directed by the Commission, each application for renewal of license shall be filed at least sixty days prior to the expiration date of the license sought to be renewed. No application for renewal of license of a standard broadcast station will be considered unless there is on file with the Commission, the balance sheet and income statement required by the rules of practice and procedure of the Commission, reference to which by

date and file number shall be included in the application.

Financial statements. Each licensee of a standard broadcast station shall file with the Commission on or before March 1 of each year on Forms 705 and 706, or such other forms as may be prescribed by the Commission, a balance sheet showing the financial condition of a licensee as of December 31 of the preceding year and an income statement for the preceding calendar year. Each such form shall be subscribed and verified by: (1) the parties or party filing the statement; (2) in the case of a corporation, an officer of the corporation. (An attorney for either is allowed with sufficient reason.)

Filing directed by Commission. Whenever the Commission regards an application for a renewal of license as essential to the proper conduct of a hearing or investigation, and specifically directs that it be filed by a certain date, such application shall be filed within the time thus specified. If the licensee fails to file such application within the prescribed time, the hearing or investigation shall proceed as if such renewal application had been received.

Temporary extension of station licenses. Where there is pending before the Commission any application, investigation, or proceeding which, after hearing might lead to or make necessary the modification of, revocation of, or the refusal to renew an existing license, the Commission may, in its discretion, grant a temporary extension of such license: Provided, however, That no such temporary extension shall be construed as a finding by the Commission that the operation of any radio station thereunder will serve public interest, convenience, and necessity beyond the express terms of such temporary extension of license; And provided further, That such temporary extension of license will in no wise affect or limit the action of the Commission with respect to any pending application or proceeding.

Assignment or transfer of control. (a) General. An application for consent to assignment of a construction permit or license, or for consent to transfer of control of a corporation holding a construction permit or license, shall be filed with the Commission at least sixty days prior to the contemplated effective date of assignment or transfer of control. If the assignment or transfer is voluntary, the appropriate application shall be fully executed by all parties and, if involuntary, by assignee or transfere only.

(b) Broadcast. With each such application, involving any standard broadcast station construction permit or license,

there shall be submitted under oath or affirmation all information required to be disclosed by the application forms prescribed by the Commission, together with such other information under oath or affirmation as the Commission may require.

(c) Other than broadcast. In all classes of applications for consent to assignment of construction permit or license or for consent to transfer of control of a corporation holding a construction permit or license, other than those prescribed in paragraph (b), the Commission may require the furnishing of such information as in its discretion is deemed necessary.

Special authorization. (a) Operation which may be authorized. Upon proper request by the licensee of a broadcast station or by the licensee of, or applicant for, a service other than broadcasting, the Commission may grant special temporary authority for the operation of a station for a limited time, or in a manner and to an extent, or for a service other or beyond that authorized in its existing license: Provided, however, That if request is for a broadcast station it shall be limited to a definite and temporary period or periods for the transmission of programs or events which are not recurrent, and approval thereof may not be granted for a period in excess of thirty days.

- (b) Filing of requests. No such request will be considered unless:
- 1. It is received by the Commission at least ten days previous to the date of proposed operation: Provided, however, That any such request received within less than ten days may be accepted upon due showing of sufficient reasons for the delay in submitting such request.

2. If the request is for broadcast operation upon a clear channel, it shall be supported by the consent of the dominant clear-channel station.

- 3. If the request is for broadcast operation on any frequency it shall be supported by the consent of each station licensed for operation upon the same and adjacent frequency, when the consenting station is located at a distance less than that given in the latest published table of recommended separations.
- 4. If the request is made by a sharingtime broadcast station it shall be supported by the consent of the station with which time is shared.
- 5. Full particulars as to the purpose for which the request is made are stated.
- (c) Consents. Consent, when required under this rule shall be forwarded direct to the Commission by the consenting station and shall show whether the same is for simultaneous operation or whether

consenting station is giving up the time

sought by applicant.

Inconsistent or conflicting applications. When an applicant has an application pending and undecided, no other inconsistent or conflicting application filed by the same applicant, his successor or assignee, or on behalf or for the benefit of said applicant, will be accepted for consideration.

Pending appeals. Where an appeal has been taken from the action of the Commission in denying a particular applicant another application for the same class of broadcast service and for the same area, in whole or in part, filed by the same applicant or by his successor or assignee, or on behalf or for the benefit of the original parties in interest, will not be considered until the final disposition of such appeal.

ACTION ON APPLICATIONS

Partial grants. Where any application is granted in part, or with any privileges, terms, or conditions other than those requested, without a hearing thereon, the action of the Commission shall be considered as granting such application unless the applicant shall, within thirty days from the date on which public announcement of such grant is made, or from its effective date if a later date is specified, file with the Commission a written request for a hearing with respect to the part, or with respect to the privileges, terms, or conditions, not granted. Upon receipt of such request, the Commission will vacate its original action upon the application and set the application for hearing in the same manner as other applications are set for hearing, and the applicant and other parties in interest will be notified

Designation for hearing. In cases where the application is proper upon its face but the Commission is unable to determine, without a hearing on the merits, that the granting of such application, either in whole or in part, would serve public interest, convenience, or necessity, and that the granting of such application, either in whole or in part, would not aggrieve or adversely affect the interest of any licensee, or any person having a pending application, the Commission will designate the same for hearing and the following procedure will govern:

(a) Notice of designation. The Secretary shall forthwith mail a written notice to the applicant setting forth the action of the Commission designating the application for hearing (together with such statement of the Commission's reasons therefor as shall be appropriate to the nature of the application), and a list of the other parties notified thereof.

(b) Appearances. In order to avail himself of the opportunity to be heard the applicant in person or by his attorney shall, within fifteen days of the mailing of the notice of designation for hearing by the Secretary, file with the Commission one additional copy of the application and all papers incorporated as a part thereof and a written appearance, under oath, stating that he will appear and present evidence in support of his application on such date as may be fixed for hearing. Copies of such written appearance (not including the application and supporting documents) shall be served upon all other parties (or their attorneys) named in the notice of designation for hearing and accompanied by proof of service, in form of a signature of the party served; on an affidavit showing personal service; or service by registered mail to the last known address of said parties.

Within twenty-five days of the mailing of the notice of designation for hearing by the Secretary, any respondent named in said notice who desires to participate in the hearing shall file in person or by his attorney with the Commission his written appearance, under oath, stating facts showing a substantial interest in the proceeding, the manner in which his interest may be aggrieved or adversely affected, and that he intends to appear at the hearing on the application on such date as may be fixed for the hearing. Copies of such appearance shall be served upon the applicant and accompanied by proof of service.

- (c) Default for failure to file statement. In case no such statement is filed by the applicant within the time specified, the applicant will be deemed in default, his application denied, and the Secretary shall notify the applicant and other parties.
- (d) Notice of time and place. In such case appearance is filed by the applicant within the time specified, the application will be entered upon the hearing docket and notice of the time and place for hearing shall be given by the Secretary.
- (e) Default for failure to appear. If, at the date set for hearing, the applicant does not appear and offer evidence in support of his said application, a default will be entered, and the Commission will deny the application.
- (f) Action by Commission. After a hearing has been held in accordance with the foregoing, the Commission may grant the application, deny it, or grant it in part, or deny it in part.

ANSWERS TO NOTICES OF VIOLATION

Under Title III of the Act. Any licensee receiving official notice of a violation of the terms of the Communications Act of 1934, any legislative act, Executive Order, treaty to which the United States is a party, or the Rules and Regulations of the Federal Communications Commission, shall, within three days from such receipt, send a written answer direct to the Fed-Communications Commission at Washington, D. C., and a copy thereof to the office of the Commission originating the official notice when the originating office is other than the office of the Commission in Washington, D. C.; Provided, however, That if an answer cannot be sent nor an acknowledgment made within such three-day period by reason of illness or other unavoidable circumstances, acknowledgment and answer shall be made at the earliest practicable date with a satisfactory explanation of the delay. The answer to each notice shall be complete in itself and shall not be abbreviated by reference to other communications or answers to other notices. If the notice relates to some violation that may be due to the physical or electrical characteristics of transmitting apparatus, the answer shall state fully what steps, if any, are taken to prevent future violations, and if any new apparatus is to be installed, the date such apparatus was ordered, the name of the manufacturer, and promised date of delivery. If the installation of such apparatus requires a construction permit, the file number of the application shall be given, or if a file number has not been assigned by the Commission, such identification as will permit of ready reference. If the notice of violation relates to some lack of attention or improper operation of the transmitter, the name and license number of the operator in charge shall be given.

REVOCATION AND MODIFICATION OF STATION LICENSES

Revocation. Whenever the Commission shall institute a revocation proceeding against the holder of any radio station construction permit or license under Section 312 (a), it shall initiate said proceeding by serving upon said licensee an order of revocation effective not less than fifteen days after written notice thereof is given the licensee. The order of revocation shall contain a statement of the grounds and reasons for such proposed revocation and a notice of the licensee's right to be heard by filing with the Commission a written request for hearing within fifteen days after receipt of said order. Upon the filing of such written request for hearing by said licensee the

order of revocation shall stand suspended and the Commission will set a time and place for hearing and shall give the licensee and other interested parties notice thereof. If no request for hearing on any order of revocation is made by the licensee against whom such an order is directed within the time hereinabove set forth, the order of revocation shall become final and effective, without further action of the Commission. When any order of revocation has become final, the person whose license has been revoked shall forthwith deliver the station license in question to the inspector in charge of the district in which the licensee resides.

Modification. (a) Order to show cause. Whenever the Commission shall determine that public interest, convenience, and necessity would be served, or any treaty ratified by the United States will be more fully complied with, by the modification of any radio station construction permit or license either for a limited time, or for the duration of the term thereof, it shall issue an order for such licensee to show cause why such construction permit or license should not be modified.

(b) Contents of order to show cause. Such order to show cause shall contain a statement of the grounds and reasons for such proposed modification, and shall specify wherein the said construction permit or license is required to be modified. It shall require the licensee against whom it is directed, to be and appear at a place and time therein named, in no event to be less than thirty days from the date of receipt of the order to show cause why the proposed modification should not be made and the order of modification issued.

(c) Failure to appear. If the licensee against whom the order to show cause is directed does not appear at the time and place provided in said order, a final order of modification shall issue forthwith.

SUSPENSION OF OPERATOR LICENSES

Order of suspension. No order of suspension of any operator's license shall take effect until fifteen days' notice in writing thereof, stating the cause for the proposed suspension, has been given to the operator licensee who may make written application to the Commission at any time within said fifteen days for a hearing upon such order. The notice to the operator licensee shall not be effective until actually received by him, and from that time he shall have fifteen days in which to mail the said application. In the event that physical conditions prevent mailing of the application at the expiration of the fifteen-day period, the application shall then be mailed as soon as possible thereafter, accompanied by a satisfactory explanation of the delay.

RADIO STATIONS IN THE U.S. A. OWNED WHOLLY OR PARTIALLY BY NEWSPAPER INTERESTS

The following listing was compiled through the cooperation of the FCC and is up-to-date as of Feb. 1, 1939.

The Anniston Star. WHMA Licensee—Harry M. Meyers, Anniston. President-Publisher of Consolidated Publishing Co. and General Manager of the Anniston Star. The Birmingham Age-Herald. WSGN The Birmingham News Huntsville Times Licensee—The Birmingham News Co., Birmingham News Co., Birmingham News ARIZONA Prairie Farmer Publishing Co. KOY Licensee—Salt River Valley Broad-casting Co., Phoenix. Arizona Republie. KTAR Phoenix Gazette Arizona Weekly Gazette Licensee—Arkansas Gazette Publishing Co., Phoenix. ARKANSAS Arkansas Gazette Licensee—Arkansas Gazette Publishing Co., Little Rock. Arkansas Gazette Licensee—Arkansas Gazette Publishing Co., Santa Barbara, Cal. Santa Barbara Press Licensee—Hearst Radio, Inc., Los Angeles Cal. McClatchy Newspapers Licensee—McClatchy Broadcasting Co., Bresno, Cal. McClatchy Newspapers Licensee—McClatchy Broadcasting Co., Bresno, Cal. McClatchy Newspapers Licensee—McClatchy Broadcasting Co., Bresno, Cal. McClatchy Newspapers Licensee—McClatchy Broadcasting Co., Bresno, Cal. McClatchy Newspapers Licensee—McClatchy Broadcasting Co., Bresno, Cal. McClatchy Newspapers Licensee—McClatchy Broadcasting Co., Bresno, Cal. McClatchy Newspapers Licensee—Hearst Radio, Inc., Los Angeles Evening Herald & Examiner Licensee—Hearst Radio, Inc., Los Angeles, Cal. McCondecasting Co., Colorado Springs, Colo. The Oklahoma City Times Broadcasting Co., Monterey. Cal. Licensee—Tribune Building Co. Oakland, Cal. Humboldt Standard Humbold Standar		
Licensee—Harry M. Meyers, Anniston. President-Publisher of Consolidated Publishing Co. and General Manager of the Anniston Star. The Birmingham Age-Herald. WSGN The Birmingham News Huntsville Times. Licensee—The Birmingham News Co., Birmingham. ARIZONA Prairie Farmer Publishing Co KOY Licensee—Salt River Valley Broadcasting Co., Phoenix. Arizona Republic Co., Phoenix. Arizona Republic Co., Phoenix. ARKANSAS Arkansas Gazette Licensee—KTAR Broadcasting Co., Phoenix. ARKANSAS Arkansas Gazette WILL Licensee—Hearst Radio, Inc., San Francisco, Cal. Santa Barbara News KTMS Santa Barbara, Cal. Santa Barbara News KSRO Licensee—Herset Publishing Co., Sarcantento, Cal. McClatchy Newspapers KCHL Licensee—Arkansas Gazette Publishing Co., Santa Barbara, Cal. Santa Barbara News KSRO Licensee—Herset Publishing Co., Santa Rosa, Cal. McClatchy Newspapers KWG Licensee—McClatchy Broadcasting Co., Stockton, Cal. Visalia Times Dublishing Co KWG Licensee—McClatchy Broadcasting Co., Stockton, Cal. Licensee—Hearst Radio, Inc., Los Angeles Cal. McClatchy Newspapers KMJ Licensee—McClatchy Broadcasting Co., Tresno, Cal. American Newspapers KMJ Licensee—McClatchy Broadcasting Co., Stockton, Cal. Licensee—In the multiple of the Ministry of the Called Star Publishing Co., Stockton, Cal. Licensee—In the color of the Called Star Publishing Co., Stockton, Cal. Licensee—McClatchy Broadcasting Co., Stockton, Cal. Licensee—In the color of the Called Star Publishing Co., Stockton, Cal. Licensee—In the color of the Called Star Publishing Co., Stockton, Cal. Licensee—In the color of the Called Star Publishing Co., Stockton, Cal. Licensee—In the color of the Called Star Publishing Co., Stockton, Cal. Licensee—In the color of the Called Star Publishing Co. Colorado Springs, Colo. The Oklahom	ALABAMA	Licensee-Monterey Peninsula
Licensee — Tribune Building Co. solidated Publishing Co. and General Manager of the Anniston Star. The Birmingham Age-Herald WSGN The Birmingham News Huntsville Times Licensee—The Birmingham News Co., Birmingham News Co., Birmingham News Licensee—The Birmingham News Co., Birmingham News Licensee—Salt River Valley Broad-casting Co., Phoenix. ARIZONA Prairie Farmer Publishing Co KOY Licensee—Salt River Valley Broad-casting Co., Phoenix Arizona Republic Licensee—KTAR Broadcasting Co., Phoenix. ARKANSAS Arkansas Gazette Licensee—KTAR Broadcasting Co., Phoenix. ARKANSAS Arkansas Gazette Licensee—Arkansas Gazette Publishing Co., Little Rock. Arkansas Gazette Licensee—Acazette Publishing Co. 16.1%, Little Rock. California California California California Co., Bakersfield, Cal. McClatchy Newspapers KERN Licensee—McClatchy Broadcasting Co., Bresno, Cal. American Newspapers, Inc. KERN Licensee—The News-Press Publishing Co., Santa Barbara Press Licensee—The News-Press Publishing Co., Santa Broadcasting Co	The Anniston StarWHMA	Broadcasting Co., Monterey. Cal.
Oakland, Cal. The Sirmingham Age-Herald WSGN The Birmingham News Huntsville Times Licensee—The Birmingham News Co., Birmingham News Co., Birmingham. ARIZONA Prairie Farmer Publishing Co KOY Licensee—Salt River Valley Broadcasting Co., Foresno, Cal. ARKANSAS Arkansas Gazette Arizona Weekly Gazette Licensee—Arkansas Gazette Publishing Co., Eittle Rock. Arkansas Gazette Licensee—Arkansas Gazette Publishing Co., Little Rock. Arkansas Gazette Licensee—Gazette Publishing Co., Eittle Rock. Arkansas Gazette Licensee—Cazette Publishing Co., Salta Barbara News KTMS Santa Barbara News KTMS Santa Barbara News KTMS Santa Barbara Press Licensee—The Press-Democrat Publishing Co., Santa Barbara, Cal. McClatchy Newspapers KKMC Licensee—McClatchy Broadcasting Co., Bakersfield, Cal. McClatchy Newspapers KKMD Licensee—McClatchy Broadcasting Co., Bakersfield, Cal. McClatchy Newspapers KKMD Licensee—McClatchy Broadcasting Co., Bakersfield, Cal. CALIFORNIA McClatchy Newspapers KKMD Licensee—McClatchy Broadcasting Co., Bakersfield, Cal. CALIFORNIA McClatchy Newspapers KKMD Licensee—McClatchy Broadcasting Co., Bakersfield, Cal. COLORADO Stockholders interested in Oklahoma Publishing Co., The Gazette & Telegraph; (Daily Oklahoman, Oklahoma City Times and Farmer . Stockman) Oklahoma Publishing Co., The Golorado Springs, Colo. The Daily Oklahoman KLZ The Oklahoma City Times and Farmer . Stockman) Oklahoman City Times and Farmer . Stockman City Times and Farmer . St	Licensee-Harry M. Meyers, Annis-	Licensea Tribune Ruilding Co
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Oregonian		
Licensee — Oregonian Publishing Co., Portland, Ore. Oregon Journal		
Co., Portland, Ore. Oregon Journal	OregonianKGW	
Oregon Journal		
Licensee — KOIN, Inc., Portland Licensee—Wilton E. Hall, Anderson, S. C. Roseburg News-Review		
Ore. Roseburg News-ReviewKRNR Greenville NewsWFBC	Liceusee - KOIN Inc. Portland	
Roseburg News-ReviewKRNR Greenville NewsWFBC		
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Greenville Piedmont	Fort Worth Star-TelegramKGKO
Licensee—Greenville News-Piedmont	Licensee—Fort Worth Broadcasting
Co., Greenville, S. C.	Co., Fort Worth, Tex. Fort Worth Star-TelegramWBAP
SOUTH DAKOTA	Licensee—Carter Publications, Inc.
Stockholder is a newspaper pub. WNAX	Fort Worth, Tex.
lisher.	Greenville BannerKGVL Licensee—Hunt Broadcasting Assn.
Licensee—WNAX Broadcasting Co.,	(Fred Horton, Pres.)
Yankton, S. D.	Houston PostKPRC
TENNESSEE	Licensee—Houston Printing Co., Houston, Tex.
	Houston ChronicleKTRH
Jackson SunWTJS Licensee—The Sun Publishing Co.,	Licensee—KTRH Broadcasting Co.,
Inc., Jackson, Tenn.	Houston, Tex. Kilgore Daily NewsKOCA
Scripps-Howard NewspapersWNOX	Licensee—Oil Capital Broadcasting
Licensee — Scripps-Howard Radio Inc., Knoxville, Tenn.	Assn., Kilgore, Tex.
Memphis Commercial AppealWMC	Lubbock Avalanche JournalKFYO Licensee—Plains Radio Broadcast
Licensee-Memphis Commercial Ap-	ing Co.
peal Co., Memphis, Tenn. Memphis Commercial AppealWMPS	Santa Ana Daily RegisterKPDN
Licensee — Memphis Broadcasting	Santa Ana, Calif.
Co., Memphis, Tenn.	News Journal, Clovis, N. Mex.
TEXAS	Telegraph-Forum,
_	Bucyrus, Ohio.
Sweetwater ReporterKRBC Big Spring Herald	Pampa Daily News
Paris News	Licensee—R. C. Hoiles, Pampa, Tex. Paris News
Corpus Christi Caller	Licensee-North Texas Broadcasting
Corpus Christi Times San Angelo Standard	Co., A. G. Mayse, President,
Licensee — Reporter Broadcasting	Paris, Tex.
Co., Abilene, Tex.	Pecos Enterprise
Amarillo Globe & NewsKGNC Lubbock Avalanche Journal	Barney H. Hubbs, Pecos, Tex.
Licensee—Plains Radio Broadcast-	San AngeloKGKL
ing Co., Amarillo, Tex.	Standard Times
American Newspapers, IncKNOW Licensee — KUT Broadcasting Co.,	Abilene Reporter-News, Sweetwater
Austin, Tex.	Reporter, Big Spring Herald, Paris News, Corpus Christi Caller-Times
Big Spring HeraldKBST	Licensee—KGKL, Inc., San Angelo,
San Angelo Standard Corpus Cristi Caller	Tex.
Corpus Christi Times	San Antonio LightKTSA
Sweetwater Reporter	Licensee—KTSA Broadcasting Co., San Antonio, Tex.
Licensee—Big Spring Herald Publishing Co., Big Spring, Tex.	The Sherman DemocratKRRV
Stockholder: owner 14% publ. Cor- KGFI	Sherman, Tex.
pus Christi Caller-Times (W. G.	Licensee—Red River Valley Broad- casting Corp., Sherman, Tex.
Kinsolving). Licensee — Eagle—Broadcasting—Co.,	Temple TelegramKTEM
Brownsville, Texas.	Licensee—Bell Broadcasting Co.,
Stockholder: (40%) W. G. Kin- KRIS	Temple, Tex.
solving. Licensee—Gulf Coast Broadcasting	American Newspapers, IncWACO
Co., Corpus Christi, Tex.	Licensee—KTSA Broadcasting Co., Waco, Tex.
Dallas Times HeraldKRLD	Amarillo Globe-NewsKRGV
Licensee—KRLD Radio Corpora- tion, Dallas, Tex.	Licensce - KRGV, Inc., Weslaco,
Dallas NewsWFAA	Texas.
Dallas Journal	98.43% stockholder is also inter- ested in Globe News Publishing
Licensee—A. H. Belo Corp., Dallas, Tex.	Co.
El Paso TimesKROD	Wiebita Falls PostKWFT
Licensee—Dorrance D. Roderick, El Paso, Tex.	Licensee — Wichita Falls Broadcast- ing Co., Wichita Falls, Tex.
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UTAH	Clarksburg ExponentWPAR
Ogden Standard-Examiner	Clarksburg Telegram Licensee—Ohio Valley Broadcasting Corp., Parkersburg, W. Va.
Salt Lake City Tribune, Salt Lake KSL City Telegram.	WISCONSIN
Licensee—Radio Service Corp. of Utah, Salt Lake City, Utah.	Superior Evening TelegramWEAU Eau Claire Telegram
VERMONT	Eau Claire Leader Licensee—Central Broadcasting Co.,
Burlington Daily News	Eau Claire, Wisc. FDL Commonwealth ReporterKFIZ Licensee—Reporter Printing Co., Fond du Lac, Wis. Janesville GazetteWCLO Licensee — Gazette Printing Co., Janesville, Wis. La Grosse Tribune & Leader PressWKBH
VIRGINIA	Licensee—WKBH, Inc., La Crosse, Wisc.
Ledger-Dispatch	Capital Times
Petersburg Progress-IndexWPIV Licensee — Petersburg Newspaper Corp., Petersburg, Va. Richmond News LeaderWRNL Licensee — WLBG, Inc., Richmond,	waukee, Wis. The Milwaukee JournalWTMJ Licensee—The Journal Co. (The Milwaukee Journal), Milwaukee, Wis.
Va. Times-Dispatch	Racine Journal Times
WASHINGTON	boygan, Wis.
Longview Daily NewsKWLK	ALASKA
Licensee — Twin City Broadcasting Corp., Longview, Wash.	Fairbanks News-Miner
WEST VIRGINIA	HE A XW A VV
Bluefield Daily TelegramWHIS Sunset News & Times-Leader	HAWAII
Licensee—Daily Telegraph Printing Co., Bluefield, W. Va. The Huntington Advertiser	Honolulu Star-Bulletin
Licensee—The Exponent Co., Clarks- burg, W. Va. Huntington Herald-DispatchWSAZ Huntington Advertiser Licensee—WSAZ, Inc., Huntington, W. Va.	Hilo Tribune-Herald Licensee — Honolulu Broadcasting Co., Hilo, T. H. Garden City Publishing Co

EXPERIMENTAL BROADCAST STATIONS

The term "experimental broadcast station" means a station licensed to carry on development and research for the advancement of broadcast service along lines other than those prescribed by other broadcast rules. Licenses are issued to properly qualified applicants who are carrying on experimentation and research in one or more developments which have reasonable promise of substantial contribution to the development of broadcasting. No regular program service is maintained unless specifically authorized by the license and no commercial programs, other than those transmitted simultaneously with regular broadcast stations, are permitted; and in no case may a charge, direct or indirect, be made for such programs.

Licensee and Location	Call Letters	Frequency (kc)	Power	Emission
Bell Telephone Labs., Inc. Whippany, N. J Central Broadcasting Co.		560, 900, 1340	50 kw	A3
Mitchellville, Iowa Connecticut State College	. W9XC	1000 100000, 110000,	1000 w	A3
Storrs, Conn	. W1XCS	200000, 300000	250 w	A3 & Special
Storrs, Conn.	.W1XEV	86000-400000, 401000 and above	500 w	A3
The Crosley Corp. Near Mason, Ohio	. W8XO	700	500 kw	A3
William G. H. Finch New York, N. Y C. J. MacGregor, Mobile		31600, 35600, 38600, 41000	1000 w	A2, A3 & Special
(North Polar Region vic. Ellesmere Island)	. W10XAB	2398, 3492.5, 4797.5, 6425, 8655, 12862.5, 17310, 31100, 34600, 37600, 40600, 86000 to 400000	400 w	A3
Natl. Broadcasting Co., Inc. New York, N. Y		175000-180000	15 w	A3, A4
Natl. Broadcasting Co., Inc. Portable (vicinity N. Y.)	W10XF	1614, 3492.5, 4797.5, 6425, 8655, 12862.5, 17310, 25700, 26000, 27100, 31100, 34600, 37600, 40600, 86000- 400000, 401000 and		
Natl. Broadcasting Co., Inc. Portable-Mobile		above 1614, 3492.5, 4797.5, 6425, 8655, 12862.5, 17310, 25700, 26000, 27100, 31100, 34600, 37600, 40600, 86000- 400000, 401000 and	25 w	A1, A2, A3
The National Life and		above	100 w	A1, A2, A3
Accident Insurance Co., In Nashville, Tenn.		300000, 330000, 360000	15 w	A3
Travelers Br.Service Corp. Avon, Conn.	.W1XEH	63500	150 w	A2, A3
		429		

HIGH FREQUENCY BROADCAST STATIONS

The term "high frequency station" means a station licensed on frequencies above 25,000 kilocycles for transmission of aural programs for the purpose of experimentation.

FREQUENCY GROUPS—Group C—31600, 35600, 38600 and 41000 kc.; Group E2 (selective)—41600, 86500, 111000 kc.; Group E3 (selective)—88000, 120000, 240000 and 500000 kc.

LOCATION Town and State	Call Letters	Licensee	Power Watts	Frequency (kc) or Groups
Albany, N. Y	W2XOY	General Electric Co	150	C
Alpine, N. J.		Edwin H. Armstrong	40000	E2
Alpine, N. J.		Paul F. Godley	1000	41800
Baltimore, Md		Monumental Radio Co	300	C
Baltimore, Md		Baltimore Radio Show, Inc	100	č
Boston, Mass		Westinghouse E. & M. Co	50	č
Bound Brook, N. J.		National Broadcasting Co	150	č
Bound Brook, N. J	WZADG	National Dioadcasting Co	100	S.A.38650
Duffele N V	WOVH	WDEN Inc	100	
Buffalo, N. Y		WBEN, Inc.	100	C
Charleston, W. Va		Charleston Broadcasting Co	50	26100
Chattanooga, Tenn		WDOD Broadcasting Corp	100	Ç
Chicago, Ill	W9XBS	National Broadcasting Co	50	С
			C.P.100	
Cincinnati, Ohio		The Crosley Corp		25950
Cleveland, Ohio	W8XNT	Radio Air Service Corp	50	С
Dallas, Tex	W5XD	A. H. Belo Corp	100	С
Denver, Colo	W9XLA	KLZ Broadcasting Co	100	С
Detroit, Mich	W8XWJ	Evening News Asso	500	C
Fairhaven, Mass	W1XEQ	E. Anthony & Sons	100	C1
Flushing, N. Y	W2XQO	Knickerbocker Broadcasting Co.	100	26550
Georgetown, D. C		Jansky & Bailey	1000	40300
Harrisburg, Ill		Schonert Radio Service	500	26500
Kansas City, Mo		Commercial Radio Equipm't Co.	1000	26450
Kansas City, Mo		Midland Broadcasting Co	50	C
Los Angeles, Calif		Columbia Broadcasting System.	100	č
Los Angeles, Calif		Ben S. McGlashan	1000	25950
Los Angeles, Calif		Ben S. McGlashan	500	E3
Memphis, Tenn		Memphis Comm. Appeal Co	250	C
Meriden, Conn		WDDC Inc	1000	40300
Minneapolis, Minn		WDRC, Inc.	50	
Minneapolis, Minn. (tr.		Columbia Broadcasting System		С
Rose Township)		Minnesota Broadcasting Co	150	26050
Nashville, Tenn		The Natl. Life & Accidt. Ins. Co.	1000	С
New York, N. Y		Columbia Broadcasting System.	50	C
New York, N. Y		National Broadcasting Co	150	C
New York, N. Y New York, N. Y		Bamberger Broadcasting Service City of New York Municipal	100	26300
**		Broadcasting System	1000	26100
Norfolk, Va	W3XEX	WTAR Radio Corp	50	26050
Oklahoma City, Okla		WKY Radiophone Co	100	C
Omaha, Nebr		Central States Broadcasting Co.	100	č
Paxton, Mass		Yankee Network, Inc.		41200
Philadelphia, Pa		WCAU Broadcasting Co	100	C C
Pittsburgh, Pa		Westinghouse E. & M. Co	150	Č
Rochester, N. Y. (tr.				
Victor Township)		Stromberg Carlson Tel. Mfg. Co.		C
Sargents Purchase, N. H.		Yankee Network, Inc	500	C
South Bend, Ind		South Bend Tribune	100	26050
Springfield, Mass		Westinghouse E. & M. Co	500	C
St. Louis, Mo		Star Times Publishing Co	100	C
St. Louis, Mo		Pulitzer Publishing Co	100	C
St. Paul, Minn	W9XUP	Natl. Battery Broadcasting Co	1000	26150
Superior, Wis	W9XJL	Head of Lakes Broadcasting Co.	250	26100
Tallmadge, Ohio	W8XOY	Allen T. Simmons	100	C
				-

CANADA

STATIONS—REGULATIONS—SURVEY

The following list of stations is arranged in call letter alphabetical order giving page number for complete station data.

Every effort has been made to present accurate and complete information in a self-explanatory method. Data was obtained from questionnaires sent to the stations early in December and corrections were made up to the time of going to press to insure the inclusion of late developments.

Canadian network facilities covered in full on page 160.



Call Letter	City	Frequency in Kilocycles	Power in Watts	See Page
CBA	. Sackville, N. B	C.P. 1050	50000	441
CBF	Montreal, Que		50000	450
CBI	. Chicoutimi, Que		100	449
CBK	. Saskatoon, Sask		50000	454
CBL	Toronto, Ont.	840	50000	447
CBM	Montreal, Que	1050	5000	450
СВО	Ottawa, Ont.	880	1000	445
CBR	Vancouver, B. C	1100	5000	437
CBV	. Quebec, Que	950	1000	451
CBY	. Toronto, Ont		100	447
CFAC	Calgary, Alta	930	1000	434
CFAR	. Flin Flon, Man	1370	100	439
CFCF	Montreal, Que	600	500	450
CFCH	North Bay, Ont.	930	100	444
CFCN	Calgary, Alta	1030	10000	434
CFCO	Chatham, Ont.	630	100	443
CFCT	Victoria, B. C	1450	50	439
CFCY	Charlottetown, P. E. l	630	1000	449
CFGP	Grand Prairie, Alta	1200	100	435
CFJC	Kamloops, B. C	880	1000	436
CFLC	Prescott, Ont	930	100	445
CFNB	Fredericton, N. B	550	1000	440
CFOS	. Owen Sound, Ont	C.P. 1370	100	445
CFPL	London, Ont	730	100	444
CFPR	Prince Rupert, B. C	580	50	437
CFQC	Saskatoon, Sask.	840	1000	454
CFRB	Toronto, Ont.		10000	447
CFRC	Kingston, Ont.		100	444
CFRN	Edmonton, Alta	960	100	435

Call Letter	City	Frequency in Kilocycles	Power in Watts	See Page
CHAB	Moose Jaw, Sask	1200	250 d., 100 n.	453
CHCK	Charlottetown, P. E. I	C.P. 1310	50	449
CHGB	St. Anne de la Pocatiere, Que.	C.P. 1200	100	452
CHGS	Summerside, P. E. I	1450	500	449
СНЈС	Halifax, N. S		1000	441
CHLN	Three Rivers, Que	1420	100	452
CHLP	Montreal, Que	1120	100	450
CHLT	Sherbrooke, Que	1210	100	452
CHML	Hamilton, Ont.	1010	100	443
CHNB	North Battlefield, Sask	C.P. 1420	100	453
CHNC	New Carlisle, Que	960	1000	451
CHNS	Halifax, N. S.	930	1000	441
CHRC	Quebec, Que	580	100	451
CHSJ	Saint John, N. B.		100	441
CHWK	Chilliwack, B. C.		100	436
CJAT	Trail, B. C.		1000	437
CJBR	Rimouski, Que.		1000	452
CJCA	Edmonton, Alta.	_	1000	435
CJCB-CJCX .	Sydney, N. S		1000	442
CJCJ	Calgary, Alta.		100	434
CJCS	Stratford, Ont.		100	446
CJGX	Yorkton, Sask.		100	454
CJIC	Sault Ste. Marie, Ont.		100	446
CJKL	Kirkland Lake, Ont.		100	444
CILS	Yarmouth, N. S.		100	442
CIOC	Lethbridge, Alta.		100	436
CJOR	Vancouver, B. C.		500	437
CJRC	Winnipeg, Man.		1000	439
CURM	Regina, Sask.		1000	453
CKAC	Montreal, Que.		5000	451
CKBI CKCA	Prince Albert, Sask.		100	453
CKCD	Kenora, Ont		100	443
CKCH	Hull, Que.		100	438 450
CKCK	Regina, Sask.		100 1000	454
CKCL	Toronto, Ont.		100	447
CKCO	Ottawa, Ont.		100	445
CKCR	Kitchener, Ont.		100	444
CKCV	Quebec, Que.		100	452
CKCW	Moncton, N. B.		100	441
CKFC	Vancouver, B. C.		50	438
CKGB	Timmins, Ont.		100	447
CKIC	Wolfville, N. S.		50	442
CKLW	Windsor, Ont.	1030	5000	448
CKMC	Cobalt, Ont.	C.P. 1210	100	443
CKMO	Vancouver, B. C		100	438
CKNX	Wingham, Ont.	1200	100	448
CKOC	Hamilton, Ont,	, 1120	1000 d., 500 n.	443
CKOV	Kelowna, B. C	630	1000	437
CKPC	Brantford, Ont.	930	100	442
CKPR	Fort William, Ont	580	1000	443
CKRN	Rouyn, Que	C.P. 1370	100	452
CKSO	Sudbury, Ont		1000	446
СКТВ	St. Catherines, Ont.		100	44
CKUA	Edmonton, Alta	580	500	435
CKWX	Vancouver, B. C	1010	100	438
/33F3P	Brandon, Man	1120	1000	439
CKX	Brandon, Man		1000	400

CANADA--A SURVEY

This official, authoritative survey of Canada is based upon latest reports compiled by the Electrical Division of the Bureau of Foreign and Domestic Commerce, United States Department of Commerce.

General -At the end of the fiscal year, March 31, 1,104,207 receiving licenses were outstanding.

It is estimated that 76 per cent of all Canadian families own receivers. The fall and winter seasons are the principal selling periods for sets. New models are usually announced late in the summer. In the last 4 years 41 per cent of annual sales to dealers have been made during the last quarter and 32 per cent in the third quarter.

Principal factors which handicap radio sales include the relatively high cost of receivers in Canada as compared with prices in the United States, lack of local broadcasting services in some areas, and the language handicap in Quebec where most of the listeners prefer French language programs.

Domestic Production—Twelve companies manufacture radio receivers in Canada and because of patent control and electrical inspection requirements, these firms dominate the market.

Tariffs and Restrictions—Canadian tariff information is subject to change and should be verified in advance of doing business in Canada. Complete current information can be obtained on inquiry of the Bureau of Foreign and Domestic Commerce. Radio receivers and most component parts, including tubes, are dutiable under Tariff Item 445d which provides free entry under the British preferential rate, 25 per cent ad valorem under the intermediate rate, and 30 per cent under the general tariff.

Television—This development is definitely in the experimental stage in the Dominion and its early practical application is discounted. Television presents a difficult geographic problem in Canada and as yet no concern has been inclined to provide television broadcasts because of the indeterminate nature of technical developments and the lack of a concentrated population area large enough to warrant the installation expense.

Short Wave—Cauadian broadcasting on the short wave bands is chiefly confined to commercial and police work, aside from a few stations which release standard band programs on the short wave and the Broadcasting Corporation's regular stations which provide free messenger service to remote northern areas, not covered by commercial line wire service.

Broadcasting—Under the Canadian Radio Broadcasting Act, 1936, the Canadian Broadcasting Corporation on November 2, 1936, took over Government operation of the national broadcasting service and the control of all radio programs from the former Canadian Broadcasting Commission. Technical control of broadcasting Stations reverted to the Department of Transport under the Radiotelegraph Act. The principal difference between the CBC and the Canadian Radio Broadcasting Commission which it replaced is that under the latter authority to act in matters of policy and administration were combined in one body, whereas in the Canadian Broadcasting Corporation the board of governors will deal with questions of policy and administrative matters will be conducted separately. Broadcasting is considered a business controlled by a public service type of corporation (Government-owned) rather than an activity under an administrative governmental organiza-

tion. The Corporation reports to Parliament through the Minister of Transport. Operations are financed by liceuse fees for receiving and broadcasting sets and by revenue from commercial radio business. Further, the Act provides that by order-in-council up to \$500,000 may be borrowed from the government for the extension or improvement of broadcasting facilities. In addition, working capital not to exceed \$100,000 may be advanced by order-in-council.

Licenses for broadcasting are issued by the Department of Transport after the application has been referred to the Corporation for recommendation. The new radio law also specifies that the Minister of Transport will receive recommendations from the Broadcasting Corporation in connection with new private licenses, change of channel, location or power.

Programs—Effort has also been made to build up Canadian radio talent and develop creative p.o-gram writers. Canadian programs on exchange with United States stations have become increasingly popular and highly satisfactory exchange relationships exist between the Corporation and United States broadcasting systems.

Canadian broadcasting cannot hope to escape keen competition for listeners' attention from United States stations which are readily picked up in most areas of the Dominion. In meeting this competition programs are prepared to incorporate viewpoints and preferences in agreement with Canadian ideas and ideals. Effort is also made to avoid the more objectionable advertising features of commercially-sponsored broadcasting.

Advertising—Station time is usually sold through advertising agencies and rates vary according to the time of broadcasting and the coverage offered by individual stations. The advertising content of any program is limited to 10 per cent of the program period and specific regulations cover permissible material in advertising continuities.

Transcriptions—The use of transcriptions is generally prohibited between 7:30 and 1:00 p.m., but at other hours they are extensively employed by broadcasting stations.

Special recording apparatus of the Marconi-Stille type has been installed in the Broadcasting Corporation's station at Ottawa for recording important events for rebroadcasting at later dates. Special short wave receiving apparatus is located at Ottawa for recording or standard band release of overseas programs.

According to law, an annual license (fee \$2.50) must be obtained each fiscal year (April 1 to March 31) for radio receivers. One license is good for only one receiver in a single household; a separate license being necessary for each additional set in a household and also for an automobile set operated by the householder. No rebate is provided for sets destroyed or retired from use but a license may be transferred to cover a new set bought during the year. Tourists temporarily in Canada are not taxed on their automobile radios. Receiving station licenses are issued to blind persons free of charge.

Sets in use--1,104,207. Stations--87.

CANADIAN STATIONS

-ALBERTA-

Population 778,000

Number of Families 199,500

Number of Radio Homes 115.933

Retail Sales \$176,537,000

Auto Registrations 97,470

CFAC

"CALGARY'S FRIENDLY STATION"
"ALL DAY—EVERY DAY THE FINEST IN
RADIO ENTERTAINMENT"

CALGARY-EST. 1922

CBC & FOOTHILLS NETWORK

FREQUENCY: 930 Kc. POWER: 1000 Watts. OWNED BY: Calgary Herald. OPERATED BY: Taylor Pearson & Carson. BUSINESS ADDRESS: 1006 Southam Bldg. PHONE: R 1036-7. STUDIO ADDRESS: 1006 Southam Bldg. TRANSMITTER LOCATION: Forest Lawn. TIME ON THE AIR: 6:30 A.M. to 12:00 midnight. Sunday, 9:00 A.M. to 11:30 P.M. NEWS-PAPER AFFILIATION: Calgary Daily Herald. NEWS SERVICE: Canadian Press News. TRANSCRIPTION SERVICE: NBC Thesaurus, World Broadcasting System.

Personnel

President	H. R. Carson
Manager	Gordon S. Henry
Commercial Manager	I. B. McDonald
Production Manager	Pat Freeman
Publicity Director	Frank E. Fleming
Continuity Director	. Madeline F. Austin
Chief Engineer	Earl C Connor

POLICIES

CBC regulations rule out all liquor advertising.

Supplies a free merchandising service for contracts of 26 programs or more; service includes circular letters to retailers, newspaper display, column publicity, window display, and pre-announcements and other tieins by arrangement.

REPRESENTATIVE

All Canada Radio Facilities Weed & Co.

CFCN

"THE VOICE OF THE PRAIRIES"

CALGARY—EST. 1922
FREQUENCY: 1030 Kc. POWER: 10,000
Watts. OWNED BY: The Voice of the Prairies.

Ltd. OPERATED BY: Same. BUSINESS ADDRESS: Toronto Gen. Trusts Bldg. PHONE: M 1161. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Strathmore. TIME ON THE AIR: 6:30 A.M. to 11:00 P.M.; Sunday. 9:30 A.M. to 10:30 P.M. NEWS SERVICES: Transradio Press, Radio News Assn. TRANSCRIPTION SERVICES: Standard Radio and Lang-Worth.

Personnel

President and Managing Director...H. G. Love Commercial ManagerE. H. McGuire Chief EngineerP. M. McCoffery

POLICIES

No spot announcements on Sunday or after 7:30 P.M., except service announcements.

All continuity subject to station approval and must comply with rules and regulations of Canadian Broadcasting Corp.

Merchandising department to assist and work with advertiser on any campaign, etc.

REPRESENTATIVE

Joseph Hershey McGillvra

CICI

CALGARY—EST. 1922 CALGARY

CBC

FREQUENCY: 690 Kc. POWER: 100 Watts. OWNED BY: Albertan Publishers, Ltd. OPERATED BY: Same. BUSINESS ADDRESS: Renfrew Bldg. PHONE: R 2001—M 5858. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Grandview Heights. TIME ON THE AIR: 7:00 A.M. to 11:00 P.M.: Sunday, 10:00 A.M. to 11:00 P.M. NEWSPAPER AFFILIATION: Albertan Publishers, Ltd. NEWSERVICE: Canadian Press. TRANSCRIPTION SERVICES: Lang-Worth, Titan Productions.

Personnel

PresidentGordon	Bell
Station Manager	oster
Sales ManagerJ. F. McDo	nald
Chief EngineerRobert Hende	TEOD

POLICIES

Liquor advertising not permitted by provincial law. CBC policies prevail. Spot announcements are limited to 100 words and not accepted at 7:30 P.M.

CFRN

"THE STATION OF THE SUNWAPTA BROADCASTING CO.—THE GATEWAY TO THE NORTH"

EDMONTON-EST. 1934

CBC

FREQUENCY: 960 Kc. POWER: 100 Watts. OWNED BY: Sunwapta Broadcasting Co. OPERATED BY: Same. BUSINESS ADDRESS; 109 C. P. R. Bldg. PHONE: 23561-267. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Jasper Place. TIME ON THE AIR: 7:00 A.M. to 11:00 P.M.; Sunday, 9:30 A.M. to 10:30 P.M. NEWS SERVICES: Canadian Press, Edmonton Bulletin, Ltd., British United Press. TRANSCRIPTION SERVICE: Lang-Worth, MAINTAINS ARTISTS BUREAU.

Personnel

Station Manager	. G.	R.	A. Rice
Commercial Manager	H.	F.	Nielsen
Artists Bureau Head		. R.	Wright
Chief Announcer	S	. L	ancaster
Sales Manager		A. ;	J. Hopps
Publicity Director	. .	. W	. Sutton
Musical Director		R.	Wright
Chief Engineer	.F.	Μo	kepeace

POLICIES

No liquor advertising accepted; foreign language accounts accepted providing English translation of all copy sent with program. Specializes in broadcasting sports in all its phases.

Merchandising system of flash circulars which are mailed to all distributors of products advertised, in some cases supply window display cards.

REPRESENTATIVES

Joseph Hershey McGillvra (U.S.A.) (Toronto)
All Canada Broadcasting (Winnipeg-Toronto)
Jack Slatter, Dominion Broadcasting Co.
(Toronto)

CJCA

"VOICE OF THE GREAT NORTH WEST"

EDMONTON—EST. 1922

CBC-FOOTHILLS NETWORK

FREQUENCY: 730 Kc. POWER: 1000 watts. OWNED BY: Northwestern Publishers Ltd. "Edmonton Journal." OPERATED BY: Taylor & Pearson Broadcasting Co. Ltd. BUSINESS ADDRESS: Birk's Bldg., Jasper Ave. PHONE: 2-6131-2-3. STUDIO ADDRESS: Birk's Bldg. TRANSMITTER LOCATION: Belmont. TIME ON THE AIR: 9:00 A.M. to 12:00 P.M. (Sunday). 6:30 A.M. to 12:00 P.M. (weekdays), 6:30 A.M. to 1:30 A.M. (Saturday), NEWSPAPER AFFILI-

ATION: Edmonton Journal. NEWS SERVICE: Canadian Press. TRANSCRIPTION SERVICE: NBC Thesaurus, World Broadcasting System.

Personnel

Station Manager	.Frank H. Elphicke
Commercial Manager	Wm. Cranston
Production Manager	
Publicity Director	Walter Dales
Continuity Editor	James Allard
Technical Director	. Hastings McMahon

POLICIES

Does not accept beer and liquor advertising. No sponsored news broadcasts.

All continuity subject to approval of station management and Canadian Broadcasting Corporation regulations.

Merchandising service—which includes spot announcements introducing programs—calls on wholesale houses. Direct mail to retailers. Billboard advertising. Arranging window displays. Sales surveys—and participation in station advertising in certain northern Alberta publications.

REPRESENTATIVES

All Canada Radio Facilities Ltd.

Montreal, Toronto, Winnipeg, Calgary,

Vancouver

Weed & Co.

N. Y., Detroit, Chicago, San Francisco

CKUA

EDMONTON—EST, 1927

CBC—ALBERTA EDUCATIONAL NETWORK FREQUENCY: 580 Kc. POWER: 500 watts. OWNED BY: University of Alberta. OPERATED BY: University of Alberta. BUSINESS ADDRESS: University of Alberta. PHONE: 3-2233-2-2131-12. STUDIO ADDRESS: Dept. of Extension, University campus. TRANSMITTER LOCATION: Campus. TIME ON THE AIR: 1:00 p.m. to 2:15 p.m.—6:00 p.m. to 8:30 p.m. (Monday to Friday).

Personnel

President of the UniversityW. A. R. Kerr
Station ManagerDonald Cameron
Chief Announcer
Program DirectorSheila Marryat
Chief Engineer

POLICIES

Educational programs only.

CFGP

"VOICE OF THE MIGHTY PEACE"

GRANDE PRAIRIE—EST. 1937

FOOTHILLS NETWORK

FREQUENCY: 1200 Kc. POWER: 100 Watts. OWNED AND OPERATED BY: Northern Broadcasting Corp., Ltd. BUSINESS ADDRESS: Same. TRANSMITTER LOCATION: Grande Prairie. TIME ON THE AIR: Sunday, 9:00 A.M. to 6:00 P.M. Weekdays, 7:30 A.M. to 3:00 P.M. and 5:00 P.M. to 10:00 P.M. NEWS SERVICE:

Transradio Press. TRANSCRIPTION SERVICE: Standard Radio.

Personnel

Manager ... C. L. Berry Commercial Manager ... C. G. Elphicke

POLICIES

All continuities must conform with the requirements of the management and the rules and regulations of the Canadian Broadcasting Corp.

REPRESENTATIVE

All Canada Radio Facilities, Ltd. Weed & Co.

Cloc

"THE SUNNY SOUTH STATION"
LETHBRIDGE—EST. 1926

FOOTHILLS NETWORK

CANADIAN BROADCASTING CORP. FREQUENCY: 950 Kc. POWER: 100 watts. OWNED BY: Lethbridge Broadcasting Co. OPERATED BY: H. R. Carson, Ltd. BUSINESS ADDRESS: Marquis Hotel. PHONE: 3871-2. STUDIO ADDRESS: Marquis Hotel. TRANS-

MITTER LOCATION: Marquis Hotel. TIME ON THE AIR: 7:00 A.M. to 12:00 midnight. NEWS SERVICE: British United Press, local news. TRANSCRIPTION SERVICE: NBC Thesaurus.

Personnel

PresidentJ. G. Hutchings
Station Manager
Commercial ManagerA. H. Nicholl
Program Director
Publicity Director
Traffic Manager
Chief EngineerR. A. Reagh

POLICIES

Does not allow liquor advertising. All continuities must conform to rules and regulations of the Canadian Broadcasting Corporation

Limited number of foreign language accounts accepted.

Merchandising: Station maintains merchandising service which includes window displays, billboard displays, letters to dealers and merchants, publicity stunts, etc.

REPRESENTATIVE

All Canada Radio Facilities, Ltd.
Weed & Company

BRITISH COLUMBIA:

Population 751,000

Number of Families 192,565

Retail Sales \$248,597,000

Number of Radio Homes 147,165

Auto Registrations 106,080

CHWK

"THE VOICE OF THE FRASER VALLEY"

CHILLIWACK-EST. 1927

CBC & BC NETWORK

FREQUENCY: 780 Kc. POWER: 100 Watts. OWNED BY: Chilliwack Broadcasting Co., Ltd. OPERATED BY: Same. BUSINESS ADDRESS: 16 Wellington Ave. PHONE: 6106-2906. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 8:00 A.M. to 10:30 P.M. NEWS SERVICES: CBC-Canadian Press and Local. TRANSCRIPTION SERVICE: Recorded Library.

Personnel

President and Station Manager, C. Casey Wells
Chief Announcer R. G. Wells
Musical Director Bertram Turvey
Chief Engineer Jack Dilling

POLICIES

No contracts accepted for advertising of mail order houses, chain stores, taverns, Sun-

day sports or amusements, or for advertising liquor, beer or wines.

Merchandising: Full cooperation with merchandising tie-ins. No charge for service.

REPRESENTATIVE

All Canada Radio Facilities Weed & Co.

CFJC

KAMLOOPS—EST. 1924

CANADIAN BROADCASTING CORP.

FREQUENCY: 880 Kc. POWER: 1000 Watts.
OWNED BY: Review Pub. Co. OPERATED
BY: Kamloops Sentinel, Ltd. BUSINESS AD.
DRESS: 209 Victoria St. PHONE: 1018 and
1000. STUDIO ADDRESS: 322 Victoria St.
TRANSMITTER LOCATION: North Kamloops.
TIME ON THE AIR: 7:15 A.M. to 10:00 P.M.
NEWSPAPER AFFILIATIONS: Kamloops Sentinel, Ltd. NEWS SERVICE: Canadian Press.
TRANSCRIPTION SERVICES: Transco and Hollywood Radio Attractions.

Personnel

President R. E. White
Station and Commercial Manager
D. Homersham
Sales Manager J. Harling
Publicity Director L. Irvine
Musical Director R. Desmond
Chief Engineer Geo. Henderson

POLICIES

As laid down under regulations for broadcasting stations made under the Canadian Broadcasting Act.

CKOV

KELOWNA—EST. 1931

CANADIAN BROADCASTING CORP.

FREQUENCY: 630 Kc. POWER: 1000 Watts. OWNED BY: Okanagan Broadcasters, Ltd. OPERATED BY. Okanagan Broadcasters, Ltd. BUSINESS ADDRESS: Mill Ave. STUDIO ADDRESS: Mill Ave. TRANSMITTER LOCATION: Kelowna. TIME ON THE AIR: 7:00 A.M. to 11:00 P.M. NEWS SERVICE: Canadian Press. TRANSCRIPTION SERVICE: NBC Thesaurus. MAINTAINS ARTISTS' BUREAU.

Personnel

Managing DirectorJ. W. B. Browne Commercial ManagerRolly Ford Merchandising and Promotion Director

Hume Lethbridge
Program Director Leo Trainor
Women's Program Director Mary E. Royle

POLICIES

CBC policies prevail.

Merchandising: Station publishes tabloidsize newspaper mailed monthly to all retail dealers in its coverage area and to national advertising executives, to promote manufacturer-dealer advertising appreciation. Services also include window display, direct-mail and other cooperation at actual cost.

REPRESENTATIVES

John E. Baldwin, Vancouver Dominion Broadcasting Co. (Toronto)

CFPR

PRINCE RUPERT

FREQUENCY: 580 Kc. POWER: 50 Watts.
OWNED AND OPERATED BY: F. E. Blatt.
BUSINESS AND STUDIO ADDRESS: Prince
Rupert. TRANSMITTER LOCATION: Prince
Rupert.

Personnel

Owner F. E. Blatt
General Manager C. H. Insulander
Program Director J. R. Stevens

REPRESENTATIVE

All-Canada Radio Facilities, Ltd.

CJAT

"THE VOICE OF THE KOOTENAYS"

TRAIL-EST. 1931

CBC

FREQUENCY: 910 Kc. POWER: 1000 Watts. OWNED BY: Kootenay Broadcasting Co., Ltd. OPERATED BY: Same. BUSINESS ADDRESS: Victoria St. PHONE: 737. STUDIO ADDRESS: Victoria St. TRANSMITTER LOCATION: Warfield. TIME ON THE AIR: 7:00 A.M. to 11:00 P.M. NEWS SERVICE: Canadian Press. TRANSCRIPTION SERVICES: NBC Thesaurus.

Personnel

President B. A. Stimmel Manager W. W. Baggs

POLICIES

Does not accept liquor or foreign language accounts.

REPRESENTATIVES

Weed & Company All-Canada Radio Facilities

CBR

"VOICE OF BRITISH COLUMBIA AT VANCOUVER"

VANCOUVER—EST. 1925

CANADIAN BROADCASTING CORP. BRITISH COLUMBIA REGIONAL NETWORK

FREQUENCY: 1100 Kc. POWER: 5000 Watts. OPERATED BY: Canadian Broadcasting Corp. BUSINESS ADDRESS: Canadian National Hotel. PHONE: Trinity 2511. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Lulu Island. TIME ON THE AIR: Sunday, 9:00 A.M. to 11:00 P.M.; Week Days, 8:00 A.M. to 11:00 P.M. NEWS SERVICE: Canadian Press. TRANSCRIPTION SERVICE: Standard Radio.

Personnel

Station Manager...... Peter Aylen
Regional Representative...... I. Dilworth
Regional Engineer......... N. R. Olding

POLICIES

Alcoholic beverage advertising not accepted. Governed by the policies of the Canadian Broadcasting Corp.

CJOR

VANCOUVER—EST. 1926

FREQUENCY: 600 Kc. POWER: 500 watts. G. C. Chandler. BUSINESS ADDRESS: Hotel Grovesnor, Howe St. PHONE: Trinity 5321. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Eburne. TIME CN THE AIR: 7:00 A.M. to midnight: Sunday, 9:00 A.M. to 9:45 P.M. NEWS SERVICES: Transradio Press. British United Press. TRANSCRIPTION SERVICE: NBC Thesaurus.

Personnel

Station Manager
Commercial ManagerDon Laws
Publicity DirectorD. R. Baird
Program DirectorR. A. Diespecker
AccountantL. Watkis

POLICIES

Complete publicity cooperation offered.

REPRESENTATIVE

Joseph Hershey McGillvra

CKCD

VANCOUVER

FREQUENCY: 1010 Kc. POWER: 100 Watts. OWNED BY: Vancouver Daily Province. OPERATED BY: Pacific Broadcasting Co., Ltd. BUSINESS ADDRESS: 198 Hastings West. PHONE: Seymour 2750-5137K. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 7:30 P.M. to 11:30 P.M. NEWSPAPER AFFILIATION: Vancouver Daily Province. NEWS SERVICE: Local and national news tie-up.

Personnel

CKFC-CKFX

VANCOUVER—EST. 1921

FREQUENCY: 1410 Kc. POWER: 50 Watts (CKFX: 10 Watts on 6080 Kc.) OWNED BY: Standard Broadcasting System, Ltd. OPERATED BY: Standard Broadcasting System, Ltd. BUSINESS ADDRESS: 1504-5 Sun Bldg., 500 Beatty St. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: North Vancouver. TIME ON THE AIR: Shares time with CKMO (38 hours weekly). NEWSPAPER AFFILIATION: Vancouver Sun. NEWS SERVICE: Vancouver Sun.

Merchandising and Promotion Manager,
Norman McSweyn
Program DirectorI. G. Clark
Chief Technician
Plant Operators, Earl Beresford, H. W. McInnes

POLICIES

Advertising of alcoholic beverages not accepted. Spot announcements not accepted on Sundays or between 7:30 and 11:00 P.M.

Station maintains a merchandising and promotion department as well as a public relations department for promoting programs and advertisers' sales.

Programs are broadcast simultaneously over long and short wave for which there is no extra charge.

CKMO

"THE PIONEER VOICE OF B.C."

VANCOUVER—EST. 1922

FREQUENCY: 1410 Kc. POWER: 100 watts. OWNED BY: British Columbia Broadcasting System. Ltd. OPERATED BY: British Columbia Broadcasting System. Ltd. BUSINESS ADDRESS: 812 Robson St. PHONE: Sey. 8778-9. STUDIO ADDRESS: 812 Robson St. TRANSMITTER LOCATION: Sun Bldg. TIME ON THE AIR: 8:00 A.M. to 3:00 P.M. and 5:00 P.M. to 10:30 P.M.: Tuesday, to 8:30 P.M.: Sunday, 8:00 A.M. to 10:30 A.M., 5:30 P.M. to 7:30 P.M. and after 9:00 P.M. NEWSPAPER AFFILIATION: News Herald. NEWS SERVICE: Canadian Press & News-Herald (local). TRANSCRIPTION SERVICE: Grow & Pitcher.

Personnel

Station Manager ... H. M. Cooke Program Director ... R. Misener

POLICIES

All advertising copy must comply with regulations of the Canadian Broadcasting Corp. and station policies.

Merchandising cooperation available.

CKWX

VANCOUVER-EST. 1923

CBC

FREQUENCY: 1010 Kc. POWER: 100 Watts. OWNED BY: Western Broadcasting Co., Ltd. OPERATED BY: Same. BUSINESS ADDRESS: Hotel Georgia. PHONE: Seymour 2288. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: 1220 Seymour St. TIME ON THE AIR: 6:30 A.M. to 9:00 P.M. (average, 100½ hours weekly). NEWS SERVICE: Local news from Vancouver Sun. TRANSCRIPTION SERVICES: World Broadcasting System.

Personnel

General Manager
Commercial ManagerReg. M. Dagg
SecretaryVera Rumble
Chief EngineerE. Ross MacIntyre

POLICIES

No liquor or foreign language programmes accepted. Station reserves right to edit copy, particularly on patent medicine advertising, although this latter is also passed upon by Dominion Department of Health.

Merchandising: Nominal service available; includes window cards, etc.

REPRESENTATIVE

Weed & Company (U.S.)
All-Canada Radio Facilities, Ltd.

CFCT

VICTORIA—EST. 1923

FREQUENCY: 1450 Kc. POWER: 50 Watts. OWNED BY: Victoria Broadcasting Assn. OPERATED BY: Victoria Broadcasting Assn. BUSINESS ADDRESS: Radio Centre. PHONE: G-2014. STUDIO ADDRESS: Same. TRANSMIT-

TER LOCATION: Same. TIME ON THE AIR: Unlimited.

Personnel

General and Commercial Mgr...G. W. Deaville Station ManagerBernard Deaville

REPRESENTATIVES

All-Canada Broadcasting System Joseph Hershey McGillvra

MANITOBA-

Population 717,000

Number of Families 183,850

Retail Sales \$189,244,000

Number of Radio Homes 111,778

Auto Registrations 74,940

CKX

"THE FRIENDLY STATION" BRANDON—EST. 1928

CBC

FREQUENCY: 1120 Kc. POWER: 1000 Watts. OWNED BY: Manitoba Telephone System, OPERATED BY: Same. BUSINESS ADDRESS: City Hall Sq., 8th & Princess Ave. PHONE: 4532. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Mental Hospital Grounds. TIME ON THE AIR: 8:00 A.M. to 11:30 P.M. (daily): 12:00 noon to 11:30 P.M. (Sunday). NEWS SERVICE: Canadian Press. TRANSCRIPTION SERVICE: All Canada Transcription Library.

Personnel

Station Manager	. w.	F.	Seller
Commercial Manager		.0.	Craig
Chief Engineer	. E.	R.	Collins

POLICIES

Governed by regulations of Canadian Broadcasting Corporation.

REPRESENTATIVES

All Canada Radio Facilities Weed & Company

CFAR

"SERVING NORTHERN MANITOBA"
FLIN FLON—EST. 1937

FREQUENCY: 1370 Kc. POWER: 100 Watts. OWNED BY: Arctic Radio Corp. OPERATED BY: Same. BUSINESS ADDRESS: 120 Main St. PHONE: 290. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 7:00 A.M. to 1:15 P.M. and 5:00 P.M. to 9:00 P.M.; Sunday, 2:00 P.M. to 7:00 P.M. TRANSCRIPTION SERVICE: World Broadcasting System.

Personnel

President
Vice-PresidentJ. M. Bridgman
Treasurer
Business ManagerJ. C. Penson
Chief EngineerMonty Bridgman

POLICIES

CBC policies apply; foreign language programs accepted.

Merchandising: Cooperation of merchandising department without charge. Sponsor bears any expense such as postage, printing, etc.

REPRESENTATIVE

All-Canada Radio Facilities Weed & Company

CJRC

"MANITOBA'S FRIENDLY STATION"

WINNIPEG-EST. 1933

CBC

FREQUENCY: 630 Kc. POWER: 1000 Watts. OWNED BY: James Richardson & Sons, Ltd. OPERATED BY: Same. BUSINESS ADDRESS: Royal Alexandra Hotel. PHONE: 9-2266-7-8. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Middlechurch. TIME ON THE AIR: (daily) 7:30 A.M. to 1:00 A.M.; Saturday, 7:30 A.M. to 2:00 A.M.; Sunday, 11:00 A.M. to 10:30 P.M. NEWS SERVICE: Transradio Press and own news service. TRANSCRIPTION SERVICES: World Broadcasting System, Standard Radio, and Lang-Worth Features.

Personnel

Station Manager
Assistant ManagerJack Kemp
Promotion Manager Hugh "Rusty" Young
Chief Announcer
Publicity DirectorNorman Chamberlin
Program DirectorEddie Houston
Chief Studio EngineerKen Cameron

POLICIES

No liquor advertising accepted.

Maintains a merchandising department.

REPRESENTATIVE

Joseph Hershey McGillvra

CKY

"THE VOICE OF MANITOBA"

WINNIPEG—EST. 1922

DOMINION BROADCASTING CO.

CANADIAN BROADCASTING CORP.

FREQUENCY: 910 Kc. POWER: 15000 Watts.

WNED BY: Manitoba Telephone System. OP-

OWNED BY: Manitoba Telephone System. OP-ERATED BY: Manitoba Telephone System. BUSINESS ADDRESS: Telephone Bldg. PHONE: 92-191. STUDIO ADDRESS: Same. TRANS- MITTER LOCATION: St. Francis Xavier. TIME ON THE AIR: Sunday, 11:00 A.M. to 12:00 midnight. Week Days, 7:30 A.M. to 12:00 midnight. TRANSCRIPTION SERVICE: NBC Thesaurus, C. P. MacGregor.

Personnel

Commissioner of Telephones J. E. Lowry
Station Manager William Backhouse
Commercial ManagerPercy Gaynor
Program Director
Public Relations DirectorD. R. P. Coats

POLICIES

Governed by the policies of the Canadian Broadcasting Corp.

REPRESENTATIVES

All-Canada Radio Facilities Weed & Co.

NEW BRUNSWICK

Population 440,000

Number of Families 112,820

Retail Sales \$84,371,000

Number of Radio Homes 46,605

Auto Registrations 33,400

HALIFAX, NOVA SCOTIA, CANADA

Where more radio sets are located than any other centre of the Maritimes.

Halifax is served by the key station of the Maritimes

CHNS

WEED & CO.

New York, Chicago, Detroit, San Francisco

Representatives

CFNB

"THE VOICE OF THE MARITIMES"

FREDERICTON-EST. 1923

CANADIAN BROADCASTING CORP.

FREQUENCY: 550 Kc. POWER: 1000 watts. OWNED BY: Jos. S. Neill & Sons Ltd. OPERATED BY: Same. BUSINESS ADDRESS: Queen St. PHONE: 209. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: University of New Brunswick. TIME ON THE AIR: 8:00 A.M. to midnight. NEWSPAPER AFFILIATIONS: St. John Telegraph Journal, St. John Citizen, Fredericton Mail. NEWS SERVICE: Canadian Press. TRANSCRIPTION SERVICE: NBC Thesaurus.

Personnel

Gener	al Manager	Stev	vart	Neill
Chief	Announcer	Cleve	Sti	llwell
Chief	EngineerThon	an	B. Y	oung

POLICIES

No liquor announcements and no foreign language.

REPRESENTATIVE

Weed & Co.
All-Canada Radio Facilities

CKCW

MONCTON-EST, 1934

CBC-REGIONAL MARITIME

FREQUENCY: 1370 Kc. POWER: 100 Watts. OWNED BY: Moncton Broadcasting Co., Ltd. OPERATED BY: Moncton Broadcasting Co., Ltd. BUSINESS ADDRESS: K of P Bldg. PHONE: 1302-1432. STUDIO ADDRESS: K of P Bldg. TRANSMITTER LOCATION: Harrisville, TIME ON THE AIR: 7:45 A.M. to midnight. NEWS-PAPER AFFILIATIONS: Moncton Transcript, Moncton Times. NEWS SERVICE: Canadian Press. MAINTAINS ARTISTS BUREAU. TRAN-SCRIPTION SERVICE: World Broadcasting System.

Personnel

Station Manager...........F. A. Lynds Program Director......Earl McCarron

POLICIES

All liquor advertising banned. French language accounts accepted. Complete merchandising department, Routine and novel tie-ins available.

REPRESENTATIVE

Joseph Hershey McGillvra

SACKVILLE

CANADIAN BROADCASTING CORP. FREQUENCY: 1050 Kc. POWER: 50,000 Watts. OWNED BY: Canadian Broadcasting Corp. OPERATED BY: Same. BUSINESS ADDRESS: Sackville, STUDIO ADDRESS: Same, TRANS-MITTER LOCATION: Same.

Personnel

General Manager.........Gladstone Murray *Construction permit has been granted for this station; no further information available at time of going to press.

CHSJ

SAINT JOHN-EST. 1934

CANADIAN BROADCASTING CORP.

FREQUENCY: 1120 Kc. POWER: 100 Watts. OWNED BY: New Brunswick Broadcasting Co., Ltd. OPERATED BY: Same. BUSINESS ADDRESS: Admiral Beatty Hotel. PHONE: 3-2307. STUDIO ADDRESS: Same. TRANS-MITTER LOCATION: Same. TIME ON THE AIR: 7:30 A.M. to 12:15 A.M.; Sunday, 11:00 A.M. to 12:15 A.M. NEWSPAPER AFFILIA-TIONS: Telegraph-Journal, Times-Globe. NEWS SERVICES: Newspapers, Canadian Press. MAINTAINS ARTISTS' BUREAU, TRANSCRIP-TION SERVICE: World Broadcasting System.

Personnel

PresidentH. I). F	Robinson
Station ManagerL.	W.	Bewick
Chief Engineer	G.	Bishop

POLICIES

No liquor advertisements.

Merchandising: Keeps in contact with trade interested in programs over our station.

REPRESENTATIVE

Joseph Hershey McGillvra

NOVA SCOTIA

Population 542,000

Number of Families 138,975

Retail Sales \$99,520,000

Number of Radio Homes 65,501

Auto Registrations 46,180

HALIFAX

FREQUENCY: 1420 Kc. POWER: 1000 Watts. OWNED BY: Chronicle Co., Ltd. OPERATED BY: Same. BUSINESS ADDRESS: Halifax, N.S. NEWSPAPER AFFILIATION: Halifax Chronicle & Star.

Personnel

President.....F. B. McCurdy *Construction permit has been granted; no further information available at time of going to press.

CHNS

"THE KEY STATION OF THE MARITIMES"

HALIFAX-EST, 1926

CBC AND MARITIME NETWORK

FREQUENCY: 930 Kc. POWER: 1000 watts. OWNED BY: Maritime Broadcasting Co., Ltd. OPERATED BY: Same. BUSINESS ADDRESS: Lord Nelson. PHONE: B-8318. STUDIO AD-DRESS: Same. TRANSMITTER LOCATION: TIME ON THE AIR: 8:00 A.M. to 12:00 midnight. NEWSPAPER AFFILIA-TION: Halifax Herald. NEWS SERVICE: Transradio Press, British United Press. TRANSCRIPTION SERVICE: NBC Thesaurus, Standard Radio, and Lang-Worth.

Personnel

President	Andrew Robb
General Manager	. William C. Borrett
Advertising Manager	John Clare
Artists Bureau Head	L. L. Shatford
Chief Announcer	Fletcher Coates
Musical Director	R. L. Fry
Chief Engineer	A. W. Greig

POLICIES

No liquor advertisements accepted. All continuities subject to CBC regulations.

CJCB-CJCX

"DOWN WHERE THE EAST BEGINS"

SYDNEY—EST. 1929

CANADIAN BROADCASTING CORP. FREQUENCY: 1240 Kc. POWER: 1000 watts. OWNED BY: Eastern Broadcasters, Ltd. DP. ERATED BY: Eastern Broadcasters, Ltd. BUSINESS ADDRESS: Radio Bldg. PHONE: 209-1412. STUDIO ADDRESS: Radio Bldg. TRANSMITTER LOCATION: South Bar, C.B. TIME ON THE AIR: 8:00 a.m. to midnight. NEWS SERVICE: Transradio Press and local news. TRANSCRIPTION SERVICE: NBC Thesaurus.

Personnel

Commercial-Advertising Manager,

N. Nathanson
Chief AnnouncerT. C. Robertson
Sales Manager
Publicity Director
Musical DirectorMrs. A. F. McKinnon
Chief Engineer

POLICIES

No liquor advertising.

Merchandising: Periodical contests by station involves all products being advertised

during period of contest. Advertisers receiving proof of program's effectiveness.

REPRESENTATIVE

All-Canada Radio Facilities (N. Y. & Chicago)

CKIC

WOLFVILLE

FREQUENCY: 1010 Kc. POWER: 50 Watts. OWNED BY: Acadia University. OPERATED BY: Same. BUSINESS ADDRESS: Wolfville. PHONE: 270. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: Part Time.

POLICIES

Non-commercial outlet.



"GATEWAY STATION OF THE MARITIMES"

YARMOUTH—EST. 1934

FREQUENCY: 1310 Kc. POWER: 100 Watts. OWNED BY: Laurie L. Smith. OPERATED BY: Same. BUSINESS ADDRESS: Box 684. PHONE: 500 and 316. STUDIO ADDRESS: Radio Bldg., Main St. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 9:00 A.M. to 12:00 midnight; Sunday, 11:00 A.M. to 12:00 midnight; Sunday, 11:00 A.M. to 12:00 midnight. NEWS SERVICE: CJLS News Service. TRANSCRIPTION SERVICES: Lang-Worth Programs, Hollywood Radio Altractions.

Personnel

Station	Manager	 	. Laurie	L.	Smith
Studio	Director	 	0.	W.	Loeb
Chief	Engineer .	 	. Laurie	L.	Smith

POLICIES

All continuity must conform with the requirements of the management and government regulations.

ONTARIO

Population 3,711,000

Number of Families 951,538

Retail Sales \$1,099,990,000

Number of Radio Homes 678.602

Auto Registrations 590,225

CKPC

BRANTFORD—EST. 1923

CBC

FREQUENCY: 930 Kc. POWER: 100 Watts. OWNED BY: Telephone City Broadcasting, Ltd. OPERATED BY: Same. BUSINESS AD- DRESS: Arcade Bldg. PHONE: 625-1646. STU-DIO ADDRESS: Same. TRANSMITTER LOCA-TION: Glebe Property. TIME ON THE AIR: 7:30 A.M. to midnight: Sunday, 9:00 A.M. to 12:00 midnight. NEWS SERVICES: Canadian Press, Christian Science Monitor, and local news. TRANSCRIPTION SERVICES: World Broadcasting System, and Standard Radio.

Personnel

POLICIES

CBC policies apply.

REPRESENTATIVES

Joseph Hershey McGillvra

CFCO

"WESTERN ONTARIO'S COMMUNITY STATION"

CHATHAM—EST. 1925

CANADIAN BROADCASTING CORP.

FREQUENCY: 630 Kc. POWER: 100 Watts. OWNED BY: Western Ontario's Community Station. OPERATED BY: Same. BUSINESS ADDRESS: P. O. Box 275. PHONE: 2626. STUDIO ADDRESS: William Pitt Hotel. TRANSMITTER LOCATION: Chatham. TIME ON THE AIR: Sundays, 9:30 A.M. to 10:30 P.M.; Week Days, 7:30 A.M. to 1:30 P.M. and 4:45 P.M. to 10:30 P.M. NEWS SERVICE: Transradio Press.

Personnel

Owner-ManagerJohn Beardall
Sales & Commercial DirectorP. A. Kirkey
Program DirectorRoss Wright
Special Events DirectorDon Copeland
Chief Engineer

POLICIES

CBC policies apply.

Station has a complete merchandising service which includes dealer letters, assistance in obtaining window displays and announcements of advertiser's program before it is scheduled.

REPRESENTATIVE

Joseph Hershey McGillvra Associated Broadcasting Co. Dominion Broadcasting Co.

C K M C *

FREQUENCY: 1210 Kc. POWER: 100 Watts.
OWNED BY: R. L. MacAdam. OPERATED BY:
Same.

'No further information available at time of going to press.

CKPR

FORT WILLIAM-PORT ARTHUR— EST. 1930

CBC

FREQUENCY: 580 Kc. POWER: 1000 Watts. OWNED BY: Dougall Motor Car Co., Ltd. OPERATED BY: Same. BUSINESS ADDRESS: Radio Hall. PHONE: South 315. STUDIO ADDRESS: Same. TRANSMITTER LOCATION; Port Arthur. TIME ON THE AIR: 8:00 A.M. to 11:30 P.M. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: NBC Thesaurus.

Personnel

President and Station ManagerH. F. Dougall
Commercial ManagerB. Hendon
Advertising and Publicity Manager J. Hughes
Artists Bureau HeadI. Jones
Chief AnnouncerJohn Downes
Sales ManagerRalph Parker
Chief EngineerT. Ross

POLICIES

No liquor advertising accepted. Will accept foreign languages. No spot announcements after 7:30 P.M.

Will handle window display cards and direct mail campaigns.

REPRESENTATIVE

All-Canada Radio Facilities, Toronto, Montreal, Winnipeg

Weed & Co., New York and Chicago

CHML

HAMILTON-EST, 1927

CANADIAN BROADCASTING CORP.

FREQUENCY: 1010 Kc. POWER: 100 watts. OWNED BY: Maple Leaf Radio Co., Ltd. OPERATED BY: Maple Leaf Radio Co., Ltd. BUSINESS ADDRESS: Pigott Bldg. PHONE: 7-1539-1530. STUDIO ADDRESS: Pigott Bldg. TRANSMITTER LOCATION: Saltfleet. TIME ON THE AIR: 7:30 a.m. to midnight. MAINTAINS ARTISTS BUREAU: TRANSCRIPTION SERVICE: NBC Thesaurus, Standard Radio.

Personnel

Manager
Assistant ManagerF. P. Hardy
Program DirectorPerc LeSueur
Chief Engineer
DOLIGIEG

POLICIES

Follows the rules and regulations of the Canadian Broadcasting Corporation.

CKOC

HAMILTON-EST, 1922

FREQUENCY: 1120 Kc. POWER: 1000 Watts, d.; 500 Watts, n. OWNED BY: Wentworth Radio Broadcasting Co., Ltd. OPERATED BY: Wentworth Radio Broadcasting Co., Ltd. BUSINESS ADDRESS: John St., North. PHONE: 4-4661. STUDIO ADDRESS: John St., North. TRANSMITTER LOCATION: Fruitland. TIME ON THE AIR: 7:30 A.M. to midnight; Sunday, 9:00 A.M. to 12:00 midnight. NEWS SERVICE: Canadian Press. MAINTAINS ARTISTS BUREAU: TRANSCRIPTION SERVICE: World Broadcasting System.

Personnel

PresidentJames	A. Midgley
Station ManagerGordo	n Anderson
Chief EngineerLe	eslie Horton

CKCA

FREQUENCY: 1420 Kc. POWER: 100 Watts,

OWNED BY: Kenora Broadcasting Co. OPERATED BY: Same, BUSINESS ADDRESS: Kenricia Hotel. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TRANSCRIPTION SERVICE: World Broadcasting System.

Personnel

General Manager Gerald F. Bourke
Commercial Manager Leo C. DeGagne
Program Director H. Smith
Chief Engineer Edmund Tompkins

'No further information available at time of going to press.

CFRC

KINGSTON-EST. 1923

CBC

FREQUENCY: 1510 Kc. POWER: 100 Watts. OWNED BY: Queens University and Kingston Whip-Standard. OPERATED BY: Same. BUSINESS ADDRESS: Kingston. PHONE: 616. STUDIO ADDRESS: Fleming Hall. TRANSMITTER LOCATION: Queens University. TIME ON THE AIR: 8:00 A.M. to 11:00 P.M. NEWS-PAPER AFFILIATION: Whig-Standard. NEWS SERVICE: Canadian Press Assoc. TRANSCRIPTION SERVICE: NBC Thesaurus.

Personnel

Business and Station Manager,

POLICIES

No liquor advertisements or patent medicine accounts accepted.

REPRESENTATIVE

Weed & Co.

CJKL

KIRKLAND LAKE-EST. 1933

FREQUENCY: 1310 Kc. POWER: 100 Watts. OWNED BY: Northern Broadcasting Co., Ltd. OPERATED BY: Same. BUSINESS ADDRESS: Arcade Bldg. PHONE: 27. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 8:00 A.M. to midnight: Sunday, 10:45 A.M. to 12:00 midnight. NEWS-PAPER AFFILIATIONS: Timmins Press (Kirkland Lake edition). NEWS SERVICES: Transradio Press, and Canadian Press News. TRANSCRIPTION SERVICES: Standard Radio, NBC Thesaurus.

Personnel

President R. H. Thomson
Station Manager Brian Shellon
Chief Engineer Wm. Marks

POLICIES

No liquor advertising.

REPRESENTATIVES

Dominion Broadcasting Co. Joseph Hershey McGillvra

CKCR

"THE FRIENDLY STATION"

KITCHENER-WATERLOO-EST. 1925

REGIONAL HOOKUP

FREQUENCY: 1510 Kc. POWER: 100 watts. OWNED BY: Kitchener-Waterloo Broadcasting Co. OPERATED BY: Same. BUSINESS ADDRESS: Waterloo Trust Bldg. PHONE: Kitchener 4360—Waterloo 108. STUDIO ADDRESS: Waterloo Trust Bldg. TRANSMITTER LOCATION: 24 King St., Waterloo. TIME ON THE AIR: 7:45 a.m. to 2:00 p.m. and 4:15 p.m. to 11:30 p.m. TRANSCRIPTION SERVICE: Standard Radio.

Personnel

Station and Commercial Manager,

POLICIES

No liquor or beer advertising by order of the Canadian Radio Commission.

All programs and announcements must comply with Canadian Radio Commission regulations.

REPRESENTATIVES

All-Canada Broadcasting System Dominion Broadcasting Co.

CFPL

LONDON-EST. 1933 (CJGC est. 1922)

CANADIAN BROADCASTING CORP.

FREQUENCY: 730 Kc. POWER: 100 watts. OWNED BY: Free Press Pub. Co. OPERATED BY: Free Press Pub. Co. BUSINESS ADDRESS: Free Press Bldg. PHONE: Metcalfe 5200. STUDIO ADDRESS: Free Press Bldg. TRANSMITTER LOCATION: Hotel London. TIME ON THE AIR: 8:15 A.M. to midnight. NEWSPAPER AFFILIATION: London Free Press. TRANSCRIPTION SERVICE: NBC Thesaurus.

Personnel

Station and Sales Manager...Philip H. Morris Chief Engineer.....Lloyd York

POLICIES

Adheres to the rules of the Canadian Broadcasting Corporation.

REPRESENTATIVE

Dominion Broadcasting Co. Joseph Hershey McGillvra

CFCH

NORTH BAY-EST, 1931

CBC

FREQUENCY: 930 Kc. POWER: 100 Watts.
OWNED BY: Northern Broadcasting Co., Ltd.

OPERATED BY: Same. BUSINESS ADDRESS: Capitol Theatre Bldg. PHONE: 2400-2401. STU-DIO ADDRESS: Same. TRANSMITTER LOCATION: Capitol Theatre Bldg. TIME ON THE AIR: 8:00 A.M. to 12:00 midnight; Sunday. 11:00 A.M. to 12:00 midnight. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICES: Standard Radio, NBC Thesaurus.

Personnel

President R. H. Thomson Station Manager Tom Darling
Commercial Manager
Advertising ManagerDon Bassett
Chief Announcer
Sales Manager
Publicity Director
Musical DirectorBruce McLeod
Chief Engineer

POLICIES

No liquor advertising accepted.

Complete merchandising service is maintained, covering displays at point of sale and all forms of promotions for programs.

REPRESENTATIVES

All-Caada Radio Facilities Jack Cooke, Toronto

CBO

"SERVES THE OTTAWA VALLEY"

OTTAWA—EST. 1924

CANADIAN BROADCASTING CORP.
OTTAWA REGIONAL NETWORK

FREQUENCY: 880 Kc. POWER: 1000 Watts. OWNED BY: Canadian Broadcasting Corp. OPERATED BY: Same. BUSINESS ADDRESS: Chateau Laurier Hotel. PHONE: 2-1151. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Hawthorne. TIME ON THE AIR: Sundays, 10:45 A.M. to 12:00 midnight; Week days, 7:45 A.M. to 12:00 midnight. NEWS SERVICE: Canadian Press News. TRANSCRIPTION SERVICE: Standard Radio, World Broadcasting System.

Personnel

Acting Station Manager.....W. C. Anderson POLICIES

Alcoholic beverage advertising not accepted. Governed by the policies of the Canadian Broadcasting Corp.

All advertising limited to 10 per cent of program time.

СКСО

OTTAWA-EST, 1924

FREQUENCY: 1010 Kc. POWER: 100 Watts. OWNED BY: Controller G. M. Geldert, M.D. OPERATED BY: Controller G. M. Geldert, M.D. STUDIO ADDRESS: 272 Somerset St., West. TRANSMITTER LOCATION: Boone Island, Quebec. TIME ON THE AIR: Week Days, 8:00

A.M. to 11:00 P.M.; Sundays, 2:00 P.M. to 11:00 P.M. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: Lang-Worth.

Personnel

POLICIES

Beer and wine advertising accepted.

REPRESENTATIVE

Joseph Hershey McGillyra

CFOS*

OWEN SOUND

FREQUENCY: 1370 Kc. POWER: 100 Watts. OWNED BY: Howard Fleming. OPERATED BY: Same. BUSINESS ADDRESS: 869 Second Ave., East. PHONE: 113. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. NEWSPAPE: AFFILIATION: Owen Sound SunTimes.

Personnel

CFLC

"THE VOICE OF THE MIGHTY ST. LAWRENCE"

PRESCOTT—EST. 1925

FREQUENCY: 930 Kc. POWER: 100 Watts. OWNED BY: Radio Association of Prescott. OPERATED BY: Same. BUSINESS ADDRESS: Ogdensburg, N. Y. PHONE: 136-7. BUSINESS ADDRESS: Prescott, Ont. TRANSMITTER LOCATION: Prescott, Ont. TIME ON THE AIR: 8:00 A.M. to 8:00 P.M. NEWS SERVICE: Canadian Press. MAINTAINS ARTISTS' BUREAU. TRANSCRIPTION SERVICE: World Broadcasting System.

Personnel

POLICIES

No liquor or beer accounts or price mention.

Merchandising: Station's newspaper mert chandising and advertising department dovetails with radio affiliation.

REPRESENTATIVE

Joseph Hershey McGillvra

CKTB

"THE STATION WITH A MILLION FRIENDS"

ST. CATHARINES—EST. 1932 CANADIAN BROADCASTING CORP.

FREQUENCY: 1200 Kc. POWER: 100 watts.
OWNED BY: The Silver Spire Broadcasting

Station Ltd. OPERATED BY: The Silver Spire Broadcasting Station Ltd. BUSINESS ADDRESS: 12 Yates St. PHONE: 3900. STUDIO ADDRESS: 12 Yates St. TRANSMITTER LOCATION: Rifle Range, Port Dalhousie. TIME ON THE AIR: (daily) 8:00 a.m. to midnight, (Sunday) 10:45 a.m. to midnight. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: All Canada Radio Facilities.

Personnel

PresidentE. T. Sandell
Station ManagerF. Pauline Smyth
Chief AnnouncerPaul Frost
Publicity DirectorJ. B. Mitchell
Musical Director
Chief Engineer

POLICIES

Liquor, wine or beer advertising prohibited by Government; accept foreign language programs but not announcements. No spot announcements between 7:30 and 11:00 p.m.

Offers full merchandising cooperation.

REPRESENTATIVES

Dominion Broadcasting Co., Toronto

CJIC

"YOUR RADIO STATION C J I C"

S S MARIE—EST. 1934

CBC

FREQUENCY: 1500 Kc. POWER: 100 watts.

OWNED BY: Hyland Broadcasting Co. OPERATED BY: Same. BUSINESS ADDRESS:
Windsor Hotel. PHONE: 360-1. STUDIO ADDRESS: Same. TRANSMITTER LOCATION:
Tarantorus. TIME ON THE AIR: 10:00 A.M. to
12:00 midnight. NEWSPAPER AFFILIATION:
The Algoman (Weekly—owned by Station
CJIC). NEWS SERVICE: Transradio Press.
MAINTAINS ARTISTS' BUREAU. TRANSCRIPTION SERVICE: NBC Thesaurus.

Personnel

General	ManagerJ. G.	Hyland
Program	ManagerJ. C.	Whitby
Chief En	gineer	Cusack

POLICIES

No beer or liquor accounts accepted. All programs must conform with CBC rules and regulations.

Merchandising: The Algoman, weekly newspaper turned out by Station CJIC, lists names of programs, sponsors, write-ups at beginning of program and occasional mention later.

REPRESENTATIVE

Joseph Hershey McGillvra, Toronto, N. Y. and Chicago

CJCS

"IT DOESN'T COST TO ADVERTISE OVER CICS-IT PAYS"

STRATFORD—EST. 1927

FREQUENCY: 1210 Kc. POWER: 100 Watts. OWNED BY: F. M. Squires. OPERATED BY: Same. BUSINESS ADDRESS: Windsor Hotel. PHONE: 1675-6. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 7:15 A.M. to 8:30 P.M. NEWS SERVICE: Local news and Transradio Press. TRANSCRIPTION SERVICE: All Canada Radio Facilities.

Personnel

President Station F. M. Squires
Commercial Manager S. E. Tapley
Sales and Advertising Manager,

I. B. Netherby

Musical Director and Artists'

Bureau Head ... C. Tretheway
Publicity Director ... M. R. Dunseith
Chief Engineer ... W. J. Stauffer

POLICIES

Usual conditions governing Dominion stations.

Merchandising: Station maintains merchandising service which includes assistance in window displays, newspaper publicity, etc.

REPRESENTATIVE

All-Canada Radio Facilities

CKSO

"NORTHERN ONTARIO'S KEY STATION"
SUDBURY—EST. 1935

CANADIAN BROADCASTING CORP.

FREQUENCY: 780 Kc. POWER: 1000 watts. OWNED BY: W. E. Mason-Sudbury Star. OPERATED BY: W. E. Mason-Sudbury Star. BUSINESS ADDRESS: 21 Elgin St. PHONE: 280. STUDIO ADDRESS: 21 Elgin St. TRANSMITTER LOCATION: Neelon Township. TIME ON THE AIR: 7:45 A.M. to 12:00 midnight: Sunday, 12:00 noon to 12:00 midnight: NEWSPAPER AFFILIATIONS: Sudbury Star. NEWS SERVICE: Canadian Press, Sudbury Star (local). TRANSCRIPTION SERVICE: NBC Thesaurus, World Broadcasting System.

Personnel

President			w. E	. Mason
General Mo	ınager		W. J	. Woodill
Program Di	rector and	Chief .	Announce	er,
			I.	R. Fuller

Publicity Director. C. H. Smith
Musical Director. Walter Snider
Chief Engineer. L. C. Parkes

POLICIES

CBC rules prevail.

Foreign language programs subject to approval of station.

Merchandising aids through newspaper listing, etc.

CKGB

"THE VOICE OF THE NORTH"

TIMMINS-EST, 1933

CBC

FREQUENCY: 1420 Kc. POWER: 100 Watts. OWNED BY: Northern Broadcasting Co., Ltd. OPERATED BY: Same. BUSINESS ADDRESS: Press Bldg. PHONE: 500. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 8:00 A.M. to midnight. NEWSPAPER AFFILIATION: Timmins Daily Press. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: NBC Thesaurus.

Personnel

President	R. H. Thomson
Station and Sales Manager	William Wren
Commercial Manager	W. Wren
Advertising Manager	D. L. Bassett
Chief Announcer	Fred Darling
Publicity Director	J. Cooke
Musical Director	G. Archibald
Chief Engineer	Ed. Ryan

POLICIES

No liquor advertising. Accepts any foreign language.

Merchandising department is maintained at all times for complete merchandising service which includes window and counter display.

REPRESENTATIVES

Jack Cooke, Toronto All-Canada Radio Facilities

CBL

"THIS IS THE CBC"

TORONTO-EST, 1937

CBC-NBC

FREQUENCY: 840 Kc. POWER: 50.000 Watts. OWNED BY: Canadian Broadcasting Corp. OPERATED BY: Same. BUSINESS ADDRESS: 1 Hayter St. PHONE: Adelaide 7051—Lakeside 2817. STUDIO ADDRESS: 805 Davenport Rd. TRANSMITTER LOCATION: Hornby. TIME ON THE AIR: 7:30 A.M. to 12:00 midnight (E.S.T.). NEWS SERVICE: CBC News Service. TRANSCRIPTION SERVICE: NBC Thesaurus.

Personnel

For further information, refer to Canadian Broadcasting Corporation, Commercial Department, I Hayter Street, Toronto, Canada.

POLICIES

All programs subject to the regulations of the Canadian Broadcasting Corporation.

REPRESENTATIVE

Canadian Broadcasting Corp.

CBY*

TORONTO

CBC

FREQUENCY: 960 Kc. POWER: 100 Watts. OWNED BY: Canadian Broadcasting Corp. OPERATED BY: Same. BUSINESS ADDRESS: 805 Davenport Rd. PHONE: Lakeside 2871. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same.

Personnel

CFRB

TORONTO—EST. 1927

COLUMBIA BROADCASTING SYSTEM

FREQUENCY: 690 Kc. POWER: 10.000 watts. OWNED BY: Rogers Radio Broadcasting Co., Ltd. OPERATED BY: Same. BUSINESS ADDRESS: 37 Bloor St., W. PHONE: Mi. 3515-6—Mi. 4643-4-5. STUDIO ADDRESS: 87 Bloor St. and Telegram Bldg. TRANSMITTER LOCATION: Aurora. TIME ON THE AIR: 8:00 A.M. to midnight; Sunday, 10:30 A.M. to midnight. TRANSCRIPTION SERVICE: Standard Radio.

Personnel

PresidentE. S. Rogers
Managing Director
Station ManagerE. L. Moore
Chief Announcer
Musical DirectorRoy Locksley
Chief EngineerJack Sharpe

POLICIES

Usual Dominion policies in effect.

REPRESENTATIVE

Joseph Hershey McGillvra (N. Y. and Chicago)

CKCL

"CANADA'S GREATEST SPORTS STATION"

TORONTO—EST. 1924

CBC

FREQUENCY: 580 Kc. POWER: 100 watts. OWNED BY: Dominion Battery Co., Ltd. OPERATED BY: Dominion Battery Co., Ltd. BUSINESS ADDRESS: 444 University Ave. PHONE: Adelaide 1014. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: 20 Trinity St. TIME ON THE AIR: 7:45 A.M. to 12:30 A.M. MAINTAINS ARTISTS' BUREAU. NEWS SERVICE: Canadian Press, Transradio Press, TRANSCRIPTION SERVICE: Lang-Worth.

Personnel

POLICIES

Abides by the rules of the Canadian Broadcasting Corporation. No liquor or beer advertising. No foreign language programs. CBC rules cover all other policies of the station.

No special merchandising tie-ups; station offers full merchandising cooperation. Special transcription production service with artists and program ideas available. Transcriptions cut in either SOFT discs, or PRESSINGS, as desired.

CKLW

"AT YOUR SERVICE"

WINDSOR

MUTUAL

FREQUENCY: 1030 Kc. POWER: 5000 Watts. OWNED BY: Western Ontario Broadcasting Co. OPERATED BY: Same. BUSINESS ADDRESS: Union Guardian Bldg., Detroit. STUDIO ADDRESS: Guaranty Trust Bldg., Windsor. TRANSMITTER LOCATION: Sandwich South Township. TIME ON THE AIR: 6:00 A.M. to 4:00 A.M. NEWS SERVICE: United Press. TRANSCRIPTION SERVICE: World Broadcasting System

CKLW gets ACTION



a "phoney" story

At 7:45 P. M. our Crossword Puzzle show took the air.

At 7:55 P. M. the first winner phoned.

By 8 15 P. M. phone service to 175,000 Detroit homes was tied up — whole exchanges were temporarily out of service — because CKLW has a responsive audience.

Since the first broadcast the Detroit sponsor has reported an increase in store traffic of 11,000 persons per week

CKLW has a responsive audience IN DETROIT

They DO Listen to 5,000 Watts

MUTUAL BROADCASTING SYSTEM

Personnel

General Manager
Station Manager
Commercial ManagerL. J. Dumahaut
Chief AnnouncerJoe Gentile
Publicity DirectorVal Clare
Chief Engineer

POLICIES

Does not accept foreign language accounts; no liquor accounts as per CBC regulations.

Operates a research and merchandising department, also run advertising in local papers for commercial programs; also street car and bill board.

REPRESENTATIVE

J. Hershey McGillvra, New York George Roesler, Chicago

CKNX

"THE ONTARIO FARM STATION"

WINGHAM—EST. 1926

ALL-CANADA NETWORK

FREQUENCY: 1200 Kc. POWER: 100 watts. OWNED BY: W. T. Cruickshank & B. Howard Bedford. OPERATED BY: Same. BUSINESS ADDRESS: Fields Bldg. PHONE: 158-W, 158-J. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same. TIME ON THE AIR: 10:30 A.M. to 9:00 P.M. NEWS SERVICE: Christian Science Monitor and own news editor and correspondents. MAINTAINS ARTISTS BUREAU. TRANSCRIPTION SERVICE: Hollywood Radio Attractions, and Grow & Pitcher Agencies.

Personnel

President	T. Cruickshank
Station Manager	T. Cruickshank
Commercial Manager	B. H. Bediord
Merchandising Director	Harry J. Boyle
Chief AnnouncerJoh	n Cruickshank
Artists' Bureau Head and	

POLICIES

Canadian Broadcasting Corp. rules and regulations apply. Station has local policy against solicitation of mail to come to its address, except with special permission. Political broadcasting takes regular rates.

Merchandising: Weekly circular letter to all retail dealers handling CKNX products. Regular calls on retail dealers, setting up display material. Station build-up and newspaper publicity for all new features. No charge for service.

REPRESENTATIVE

Joseph Hershey McGillyra

PRINCE EDWARD ISLAND

Population 93,000

Number of Families 23,850

Retail Sales \$13,774,000

Number of Radio Homes 5.251

Auto Registrations 7,632

CFCY

"THE FRIENDLY VOICE OF THE MARITIMES"

CHARLOTTETOWN-EST. 1924

CBC-MARITIME

FREQUENCY: 630 Kc. POWER: 1000 Watts. OWNED BY: Island Radio Broadcasting Co., Ltd. OPERATED BY: Island Radio Broadcasting Co., Ltd. BUSINESS ADDRESS: Brace Bldg. PHONE: 741. STUDIO ADDRESS: Brace Bldg. TIME ON THE AIR: 8:00 A.M. to midnight. NEWS SERVICE: Transradio Press. MAINTAINS ARTISTS BUREAU. TRANSCRIPTION SERVICE: Standard Radio, Lang-Worth.

Personnel

President and Managing
Director
Sales and Studio ManagerL. A. McDonald
Assistant Studio DirectorS. R. Kennedy
Director of Women's
Programs
Chief Engineer
Studio Engineer

POLICIES

Liquor advertising not accepted. Regulations of Canadian Broadcasting Corporation apply. Merchandising: Contacts all wholesale and retail outlets in area; assists in all merchandising promotions; surveys different programs throughout primary area with radio-equipped cars.

REPRESENTATIVE

All-Canada Radio Facilities
Joseph Hershey McGillvra (U.S.A.)

CHCK*

CHARLOTTETOWN

FREQUENCY: 1310 Kc. POWER: 50 Watts. OWNED BY: J. A. Gesner. BUSINESS AD-DRESS: Charlottetown. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same.

Personnel

CHGS

SUMMERSIDE—EST. 1925

CBC

FREQUENCY: 1450 Kc. POWER 500 Watts (license): 100 Watts (actual operation). OWNED BY: R. T. Holman, Ltd. OPERATED BY: Same. BUSINESS ADDRESS: Water St. PHONE: 134. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Holman Bidgs. TIME ON THE AIR: 7:30 A.M. to 10:00 P.M. NEWS SERVICE: Christian Science Monitor.

Personnel

President	T.	Holman
Station ManagerR.	L.	Mollison
Chief AnnouncerJ.	E.	Mellman
Sales Manager	L.	Holman
Chief Engineer	R.	Cannon

POLICIES

Liquor advertising not accepted.
Every merchandising assistance given in spotting window or counter displays in local stores.

QUEBEC

Population 3,135,000

Number of Families 803,846 Retail Sales \$651,138,000 Number of Radio Homes 384,168

Auto Registrations 181,630

C B J

CHICOUTIMI

CBC

FREQUENCY: 1120 Kc. POWER: 100 Watts. OWNED BY: Canadian Marconi Co. OPER- ATED BY: Canadian Broadcasting Corp. BUSI-NESS ADDRESS: Chicoutimi. PHONE: 155. STUDIO ADDRESS: Same. TRANSMITTER LO-CATION: Same. TIME ON THE AIR: 3:15 P. M. to 11:15 P.M. NEWS SERVICE: Local news.

Personnel

POLICIES

No liquor advertising. Exclusviely a French language station. CBC policies otherwise.

CKCH

"BILINGUAL STATION OF THE OTTAWA VALLEY"

HULL—EST. 1933

CBC (AND PROVINCIAL)

FREQUENCY: 1210 Kc. POWER: 100 watts. OWNED BY: Hull Broadcasting Co. OPERATED BY: Same. BUSINESS ADDRESS: 85 Champlain. PHONE: 2-1701. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Chelsea Road. TIME ON THE AIR: 8:00 A.M. to 11:30 P.M. NEWS SERVICE: Canadian Press. MAINTAINS ARTISTS BUREAU. TRANSCRIPTION SERVICE: NBC Thesaurus

Personnel

POLICIES

Foreign language programs accepted. Beer and wine deals accepted. Other CBC rules apply.

CBF

MONTREAL—EST. 1937

NBC (RED & BLUE)—For Programs With French Announcements.

FREQUENCY: 910 Kc. POWER: 50,000 Watts. OWNED BY: Canadian Broadcasting Corporation. OPERATED BY: Canadian Broadcasting Corporation. BUSINESS ADDRESS: 1231 St. Catherine St. West. PHONE: Mar. 5211. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Vercheres, Que. TIME ON THE AIR: 8:00 A.M. to midnight.. NEWS SERVICE: Canadian Press.

Personnel

Station Manager......Maurice Goudrault Commercial Manager.......J. A. Dupont

POLICIES

Alcoholic beverage advertising not accepted. Governed by the policies of the Canadian Broadcasting Corp.

СВМ

MONTREAL—EST. 1933

NBC-(RED)

FREQUENCY: 1050 Kc. POWER: 5000 Watts. OWNED BY: Canadian Broadcasting Corporation. OPERATED BY: Canadian Broadcasting Corporation. BUSINESS ADDRESS: 1231 St. Catherine St. West, Montreal. PHONE: Mar. 5211. STUDIO ADDRESS: Same. TRANSMIT-

TER LOCATION: Laprairie. TIME ON THE AIR: 8:00 A.M. to midnight. NEWS SERVICE: Canadian Press.

Personnel

POLICIES

No liquor advertising accepted in accordance with CBC rules.

CFCF

(Short Wave CFCX) MONTREAL—EST. 1918

NBC (Blue) and CBC

FREQUENCY: 600 Kc. POWER: 500 Watts. OWNED BY: Canadian Marconi Co. OPERATED BY: Canadian Marconi Co. BUSINESS: ADDRESS: 211 St. Sacrament St. PHONE: Marquette 7084-5-6. STUDIO ADDRESS: 1231 St. Catherine St. W. TRANSMITTER LOCATION: Mt. Royal Hotel. TIME ON THE AIR: 7:45 A.M. to 1:00 A.M. (daily): 9:00 A.M. to 11:15 P.M. (Sunday). NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: NBC Thesaurus.

Personnel

PresidentA. H. Ginman
Station and Commercial
Manager
Chief Announcer
Sales and Publicity DirectorErnest H. Smith
Chief Engineer

POLICIES

No liquor advertising. Advertising for beer and wine only as per government regulations. No special restrictions otherwise.

No foreign language accounts.

No merchandising department maintained at present time.

REPRESENTATIVE

Weed & Company (in the U.S.)

CHLP

"THE SPORTS' STATION OF MONTREAL"

MONTREAL—EST. 1933

FREQUENCY: 1120 Kc. POWER: 100 watts.
OWNED BY: La Patrie Pub. Co. OPERATED
BY: Same. BUSINESS ADDRESS: Sun Life
Bldg. PHONE: Plateau 5225. STUDIO AD
DRESS: Same. TRANSMITTER LOCATION:
180 St. Catherine St., W. TIME ON THE AIR:
16 hours daily. NEWSPAPER AFFILIATIONS: La Patrie, La Presse, Le Canada.
Le Devoir, L'Illustration, Montreal Daily Star,
Montreal Herald, Montreal Gazette. TRANSCRIPTION SERVICE: Standard Radio.

Personnel

POLICIES

Accepts beer and wine accounts only. French and English announcements only.

CKAC

"CANADA'S BUSIEST STATION"

MONTREAL—EST. 1922

FREQUENCY: 730 Kc. POWER: 5000 Watts. OWNED BY: La Presse Pub. Co., Ltd. OPERATED BY: La Press Pub. Co., Ltd. BUSINESS ADDRESS: 980 St. Catherine St. West. PHONE: Marquette 3611. STUDIO ADDRESS: 980 St. Catherine St. West. TRANSMITTER LOCATION: St. Hyacinthe. TIME ON THE AIR: 7:00 A.M. to 1:00 A.M. NEWSPAPER AFFILIATIONS: La Presse, The Star, The Herald, La Patrie, The Gazette. NEWS SERVICE: British United Press. MAINTAINS ARTISTS' BUREAU. TRANSCRIPTION SERVICE: World Broadcasting System, Lang-Worth and Exclusive Parisian.

Personnel

Managing DirectorPhil Lalonde
Promotion ManagerAndre Daveluy
Traffic ManagerFlavius Daniel
Artists' Bureau HeadFerdinand Biondi
Chief AnnouncerRoy Malouin
Local Sales ManagerPaul Ouellet
Public Relations DirectorLouis Leprohon
Publicity DirectorLouis Morisset
Program DirectorYves Bourassa
Musical Director
Chief EngineerLeonard Spencer
Chief Engineer at TransmitterPercy Smith

POLICIES

Hard liquor not permitted. Price mentions not permitted. Commercial talks not accepted.

REPRESENTATIVE

Jos. H. McGillvra

CHNC

"THE VOICE OF LA BAIE DES CHALEURS"

NEW CARLISLE—EST. 1933 CANADIAN BROADCASTING CORP.

FREQUENCY: 950 Kc. POWER: 1.000 Watts. OWNED BY: Gaspesia Radio Broadcasting Co. OPERATED BY: Gaspesia Radio Broadcasting Co. BUSINESS ADDRESS: Main St. PHONE: 38. STUDIO ADDRESS: Same. TRANS-MITTER LOCATION: Church Line Road. TIME ON THE AIR: (daily) 8:00 A.M. to 12:15 A.M. NEWS SERVICE: Canadian Press, British United Press.

Personnel

. . . .

President	
Station and	Commercial
Manager	Dr. Ches Houde
Advertising	ManagerV. Bernard
Chief Annor	uncer

Musical	Director	 . Lion	el Allard
Chief En	gineer	 J. R.	McGough

POLICIES

Accept beer and wine accounts; has no restrictions on foreign language programs. 100% bilingual (English and French).

REPRESENTATIVE

Joseph Hershey McGillvra (N. Y. & Chicago)

CBV

QUEBEC-EST. 1934

CBC

FREQUENCY: 950 Kc. POWER: 1000 Watts. OWNED BY: Canadian Broadcasting Corp. OPERATED BY: Same. BUSINESS ADDRESS: Room 4002 Chateau Frontenac. PHONE: 5658. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Charlesbourg. TIME ON THE AIR: 12:00 noon to midnight. NEWS SERVICE: Canadian Press.

Personnel

Station Manager A. H. Houde Chief Engineer Charles Frenette

POLICIES

Alcoholic beverage advertising not accepted. Governed by the policies of the Canadian Broadcasting Corp.

CHRC

"THE VOICE OF OLD QUEBEC"

QUEBEC-EST, 1926

FREQUENCY: 580 Kc. POWER: 100 Watts. OWNED BY: CHRC, Limitee. OPERATED BY: CHRC, Limitee. BUSINESS ADDRESS: Victoria Hotel. PHONE: 2-8178. STUDIO ADDRESS: Victoria Hotel. TRANSMITTER LOCATION: Victoria Hotel. TIME ON THE AIR: (daily) 7:30 A.M. to midnight; (Sundays) 11:30 A.M. to midnight. NEWS SERVICE: Own News Service, British United Press. MAINTAINS ARTISTS' BUREAU. TRANSCRIPTION SERVICE: Lang-Worth and own disk dibrary of 12.000 selections.

Personnel

Station ManagerJ. N. Thivierge
Sales ManagerJ. A. Hardy
Artists Bureau Head A. Pelletier
Chief AnnouncerT. H. Burham
Publicity DirectorJ. D. Boudreau
Musical Director
Chief EngineerOscar Marcoux

POLICIES

None other than governmental regulations. Spot announcements are limited to 100 words and not accepted between 7:30 and 1:00 P.M.

Merchandising: Merchandising department in operation at convenience of sponsors.

REPRESENTATIVE

Joseph Hershey McGillvra

CKCV

"LA VOIX DU CANADA FRANCAIS"

QUEBEC—EST. 1925

CANADIAN BROADCASTING CORPORATION FREQUENCY: 1310 Kc. POWER: 100 Watts. OWNED BY: CKCV, Limited. OPERATED BY: CKCV, Limited. BUSINESS ADDRESS: 142 St. John St. PHONE: 2-1585. STUDIO ADDRESS: 142 St. John St. TRANSMITTER LOCATION: 254 Marguerite-Bourgeois Ave. TIME ON THE AIR: 7:45 A.M. to 11:30 P.M. NEWS SERVICE: Canadian Press News. TRANSCRIPTION SERVICE: World Broadcasting System.

Personnel

Commercial ManagerPaul Lepage
Chief Announcer
Station ManagerPaul Lepage
Sales ManagerPaul Lepage
Publicity DirectarJean Nel
Musical DirectorEdwin Belanger
Chief EngineerCharles Frenette

POLICIES

Rules and regulations of the Canadian Broadcasting Corporation.

CJBR

"THE VOICE OF THE LOWER ST. LAWRENCE"

RIMOUSKI—EST. 1937

Canadian Broadcasting Corp. Quebec Regional Network

FREQUENCY: 1030 Kc. POWER: 1000 Watts. OWNED AND OPERATED BY: Lower St. Lawrence Power Co. BUSINESS AND STUDIO ADDRESS: 1 St. John St. PHONE: 119. TRANSMITTER LOCATION: Notre-Dame du Sacre Coeur. TIME ON THE AIR: Weekdays 8:00 A.M. to 11:30 P.M. Sundays, 12:00 noon to 11:30 P.M. NEWSPAPER AFFILIATION: Le Progres du Golfe.

Personnel

President	. A.	Brillant
Manager	. A.	Lavoie
Program Director	P. E.	Corbeil
Office ManagerLuc	ien l	Bertrand

POLICIES

All continuities are subject to the approval of the station management and must comply with the rules and regulations of the Canadian Broadcasting Corp.

REPRESENTATIVE

Joseph Hershey McGillvra

CKRN*

FREQUENCY: 1370 Kc. POWER: 100 Watts. OWNED BY: La Cie Radiodiffusion. OPERATED BY: Same. Business Address: Rouyn. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same.

*Construction permit has been granted for this station; no further information available at time of going to press.

CHGB*

SAINTE ANNE DE LA POCATIERE

FREQUENCY: 1200 Kc. POWER: 100 Watts. OWNED BY: G. T. Desjardins. OPERATED BY: Same. BUSINESS ADDRESS: Sainte Anne de la Pocatiere. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same.

Personnel

CHLT

"THE VOICE OF THE EASTERN TOWNSHIPS"

SHERBROOKE—EST. 1937

FREQUENCY: 1210 Kc. POWER: 100 Watts. OWNED BY: La Tribune Ltd. OPERATED BY: La Tribune Ltd. BUSINESS ADDRESS: La Tribune Bldg. PHONE: 971. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Sherbrooke. TIME ON THE AIR: 8:00 A.M. to 11:00 P.M.: Sunday, 12:00 noon to 10:00 P.M. NEWSPAPER AFFILIATIONS: La Tribune. NEWS SERVICE: Canadian Press. TRANSCRIPTION SERVICE: World Broadcasting System

Personnel

President	 						ŀ	I	n		J	αc	ob		Ni	ÇC	1
Manager										. 1	١.		Go	ıu	th	ie	r
Chief Engineer									. (С.		C	hα	rl	еb	oi	S

POLICIES

Beer and wine advertising contracts accepted subject to CBC regulations.

CHLN

THREE RIVERS

FREQUENCY: 1420 Kc. POWER: 100 Watts. OWNED AND OPERATED BY: Le Nouvelliste. BUSINESS AND STUDIO ADDRESS: Chateau de Blois. TRANSMITTER LOCATION: Three Rivers. TIME ON THE AIR: Weekdays, 8:00 A.M. to 11:30 P.M. Sundays, 12:00 noon to 11:30 P.M. NEWSPAPER AFFILIATION: Le Nouvelliste. TRANSCRIPTION SERVICE: World Broadcasting System.

Personnel

POLICIES

Advertising of alcoholic beverages excepting beer and wine not accepted.

Service of program department and announcers, French and English, in arranging and presentation of programs is available.

SASKATCHEWAN

Population 939,000

Number of Families 240,770

Retail Sales \$189,181,000

Number of Radio Homes 109,109

Auto Registrations 102,080

CHAB

"THE BRIGHT SPOT ON THE DIAL"

MOOSE JAW-EST. 1922

CBC

FREQUENCY: 1200 Kc. POWER 250 Watts, d.; 100 Watts, n. OWNED BY: CHAB, Limited. OPERATED BY: CHAB, Limited. BUSINESS ADDRESS: Grant Hall Hotel. PHONE: 2377, 2378. 2379. STUDIO ADDRESS: Grant Hall Hotel. TRANSMITTER LOCATION: Grant Hall Hotel. TIME ON THE AIR: 7:00 A.M. to 11:00 P.M.; Sunday, 8:15 A.M. to 11:00 P.M. NEWS SERVICE: British United Press. MAINTAINS ARTISTS BUREAU. TRANSCRIPTION SERVICE: Lang-Worth.

Personnel

Station Manager	. H.	C.	Buchanan
Sales Manager	L.	A.	Bourgeois
Publicity Director	G	ordo	n Walker
Program Director		. J.	S. Boyling
Chief Engineer	A	. E.	Jacobson

POLICIES

Liquor advertising not accepted. Foreign language accounts not accepted.

Merchandising: All national accounts contracted for 26 programs or over are merchandised by the station. This includes personal contact, window display, press notices and spot announcements drawing attention to the series.

REPRESENTATIVE

All-Canada Radio Facilities, Ltd., Canada Weed & Company, U. S. A.

CHNB*

NORTH BATTLEFIELD

FREQUENCY: 1420 Kc. POWER: 100 Watts. OWNED BY: C. R. McIntosh. OPERATED BY: Same. BUSINESS ADDRESS: North Battlefield. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Same.

*Construction permit has been granted; no further information available at time of going to press.

CKB

"SERVING CANADA'S FASTEST GROWING COMMUNITY"

PRINCE ALBERT—EST. 1924

FREQUENCY: 1210 Kc. POWER: 100 Watts. OWNED AND OPERATED BY: R. E. Price and L. E. Moffatt. BUSINESS AND STUDIO ADDRESS: Sanderson Block. TRANSMITTER LOCATION: 27th St., West. TIME ON THE AIR: Week Days, 7:45 A.M. to 11:00 P.M. Sundays, 9:00 A.M. to 10:00 P.M. NEWS SERVICE: British United Press. TRANSCRIPTION SERVICE: Standard Radio, World Broadcasting System.

Personnel

Manager		ł. I	E. Price
Technical	DirectorL.	E.	Moffatt

POLICIES

Merchandising: Free pre-publicity announcements, daily program resume, usual newspaper and radio magazine program listing, cooperation checking dealer supplies and display material.

REPRESENTATIVE

All Canada Radio Facilities Weed & Co.

CJRM

"THE VOICE OF SASKATCHEWAN"

REGINA-EST, 1926

CBC-GRAIN BELT NETWORK

FREQUENCY: 540 Kc. POWER: 1000 Watts. OWNED BY: James Richardson & Sons, Ltd. OPERATED BY: Same. BUSINESS ADDRESS: Saskatchewan Life Bldg. PHONE: 8424-6282. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Pilot Butte. TIME ON THE AIR: 7:00 A.M. to 11:30 P.M.; Sundays, 10:00 A.M. to 10:30 P.M. NEWS SERVICE: Transradio Press. TRANSCRIPTION SERVICE: World Broadcasting Service, Lang-Worth and Standard Radio.

Personnel

President		Ja	mes	Ric	hardson
Station &	Commercial	Mgr	F.	V.	Scanlan
Chief Any	nouncer	ת	F /	Donl	Wright

Mgr. Radio Division H. R. McLaughlin
Sales Manager B. Pirie
Publicity Director N. Chamberlain
Musical Director S. Hillier
Chief Engineer A. W. (Bert) Hooper

POLICIES

No liquor advertising accepted. Foreign language programs accepted. Advertising content and policy subject to the rules and regulations of the Canadian Broadcasting Corporation. All advertising for food products and patent medicines subject to the approval of the Department of National Health and Pensions, Ottawa.

Station will co-operate with the agency or client in any merchandising tie-in or promotion.

REPRESENTATIVE

Joseph Hershey McGillvra

СКСК

"THEY LISTEN TO CKCK"

REGINA—EST. 1922

CANADIAN BROADCASTING CORP. FREQUENCY: 1010 Kc. POWER: 1000 watts. OWNED BY: Leader-Post, Ltd. OPERATED BY: Same. BUSINESS ADDRESS: Leader Bldg. PHONE: 8525-6. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Boggy Creek. TIME ON THE AIR: (Daily) 7:00 A.M. to 12:30 A.M. NEWSPAPER AFFILIATION: Leader-Post, Ltd. NEWS SERVICES: British United Press. MAINTAINS ARTISTS BUREAU. TRANSCRIPTION SERVICE: NBC Thesaurus, C. P. MacGregor, Radio Producers, Inc., and Transco.

Personnel

Station Manager
Commercial ManagerA. J. Balfour
Artists Bureau Head
Publicity Director
Musical Director
Chief Engineer E. A. Strong

POLICIES

No liquor advertising. Usual Canadian restrictions.

Full time merchandising department employed for program exploitation, and for arranging window displays and theatre lobby displays.

REPRESENTATIVES

All-Canada Radio Facilities, Ltd. (Canada)
Weed & Co. (U.S.A.)

CBK*

CANADIAN BROADCASTING CORP. FREQUENCY: 540 Kc. POWER: 50,000 Watts. OWNED BY: Canadian Broadcasting Corp. OPERATED BY: Same. BUSINESS ADDRESS: Saskatoon. STUDIO ADDRESS: Same. TRANS-MITTER LOCATION: Same.

Personnel

General Manager...........Gladstone Murray
* Construction permit has been granted for
this station; no further information available at
time of going to press.

CFQC

SASKATOON-EST, 1923

CANADIAN BROADCASTING CORP. FREQUENCY: 840 Kc. POWER: 1000 watts. OWNED BY: A. A. Murphy & Sons, Ltd. OPERATED BY: Same. BUSINESS ADDRESS: 216 First Ave., N. PHONE: 5374-7282. STUDIO ADDRESS: 216 First Ave., N. TRANSMITTER LOCATION: Exhibition Grounds. TIME ON THE AIR: 7:00 A.M. to 12:00 midnight; Sunday, 10:00 A.M. to 11:00 P.M. NEWS SERVICES: Canadian Press, Christian Science Monitor. TRANSCRIPTION SERVICE: NBC Thesaurus, Standard Radio.

Personnel

President and Station Manager. A. A. M	urphy
Commercial ManagerVernon	Dallin
Chief Announcer	Cairns
Chief Engineer	Clifton

POLICIES

Liquor restrictions as per Canadian Broadcasting Corporation.

REPRESENTATIVE

Joseph Hershey McGillvra (USA only) Jack Slater, Toronto & Montreal

CJGX

YORKTON—EST. 1927

FREQUENCY: 1390 Kc. POWER: 100 Watts. OWNED BY: James Richardson & Sons, Ltd. OPERATED BY: James Richardson & Sons, Ltd. BUSINESS ADDRESS: Royal Alexandra Hotel. PHONE: Winnipeg 9-2266. STUDIO ADDRESS: Royal Alexandra Hotel. TRANSMITTER LOCATION: Yorkton. TIME ON THE AIR: 7:30 A.M. to 1:00 A.M., EST.

Personnel

POLICIES

CBC policies apply.

REPRESENTATIVE

Joseph Hershey McGillvra

CANADIAN STATIONS WITH NEWSPAPER * AFFILIATIONS

ALBERTA

CFAC-Calgary. 1000 Watts; 930 Kc. Gordon S. Henry, managerCALGARY DAILY HERA	LD
CJCJ-Calgary, 100 Watts; 690 Kc. H. A. Webster, manager	AN
CICA-Edmondon, 1000 Watts: 730 Kc. Frank H. Elphicke, manager	AL

RRITISH COLUMBIA

CFJC-Kamloops.	1000 Watts: 880 Kc. D. Homersham, managerKAMLOOPS SENTINEL
CKOV-Kelowna.	1000 Watts; 630 Kc. J. W. B. Browne, managerKELOWNA COURIER
CKCD-Vancouver.	100 Watts; 1010 Kc. W. G. Hassell, manager,
	VANCOUVER DAILY PROVINCE
CKFC-Vancouver.	50 Watts; 1410 Kc. F. E. Rutland, managerVANCOUVER SUN
CKMO-Vancouver	. 100 Watts; 1410 Kc. H. M. Cooke, managerVANCOUVER NEWS HERALD

NEW BRUNSWICK

CKCW-Moncton.	100 Watts; 1370 Kc. F. A	. Lynds, manager,
		MONCTON TRANSCRIPT, MONCTON TIMES
CHSJSaint John.	100 Watts; 1120 Kc. L.	N. Bewick, manager,
	SAINT IOH	N TELEGRAPH-IOURNAL SAINT IOHN TIMES-GLOBE

NOVA SCOTIA

CHJC—Halifax.	1000 Watts; 1420 Kc.	F. B. McCurdy, managerHALIFAX CHRONICLE & STAR
CHNS—Halifax.	1000 Watts; 930 Kc.	William C. Borrett, manager

ONTARIO

CFRC—Kingston. 100 Watts; 1510 Kc. James Annand, managerKINGSTON WHIG-STANDARD
CJKL—Kirkland Lake. 100 Watts; 1310 Kc. Brian Shellon, managerTIMMINS PRESS
CFPL-London. 100 Watts; 730 Kc. Philip H. Morris, managerLONDON FREE PRESS
CFCH—North Bay. 100 Watts; 930 Kc. Tom Darling, manager
CFOS—Owen Sound. 100 Watts; 1370 Kc. Howard Fleming, manager. OWEN SOUND SUN-TIMES
CJIC—S. S. Marie. 100 Watts; 1500 Kc. J. G. Hyland, managerTHE ALGOMAN WEEKLY
CKSO—Sudbury. 1000 Watts; 780 Kc. W. J. Woodill, managerSUDBURY SUN
CKGB-Timmins. 100 Watts; 1420 Kc. William Wren, managerTIMMINS DAILY PRESS

QUEBEC

CHLP—Montreal.	100 Watts; 1120 Kc.	Marcel Lefebvre, manage	erMONTREAL LA PATRIE
CKAC—Montreal.	5000 Watts; 730 Kc.	Phil Lalonde, manager	MONTREAL LA PRESSE
CHLT-Sherbrooke	e. 100 Watts; 1210 K	c. A. Gauthier, manager.	SHERBROOKE LA TRIBUNE
CHLN-Three Riv	ers. 100 Watts; 142	0 Kc. George Bourassa,	manager,
			TUDEE DIVERS IF NOUVELLISTE

SASKATCHEWAN

CHNB—North Ba	ttlefield.	100 Watts;	1420 Kc	NORTH BATTLEFIELD NEWS
CKCK-Regina.	1000 Wat	ts; 1010 Kc.	M. V. Chesnut, manager	REGINA LEADER-POST

STATIONS OF CUBA

Reallocation as of November 1, 1938 under a decree of October 24 greatly revises the frequencies on which Cuban Stations are operating. The power designation is not explained as to whether stations are to be assigned a specific power rating at a later date or are to broadcast at reduced power at night.

Call Letters		Location	Frequency Kilocycles	Power Authorized Watts
CMAB		Pinar del Rio	. 1240	100-200
CMBC		Habana	. 1140	100-200
CMBD		Habana	. 550	100-200
CMBF		Habana	. 1560	5000
CMBG		Habana	. 690	100-200
CMBH		Guanabacoa	. 1600	5000
CMBQ		Habana	. 1320	5000
CMBS		Habana	. 1170	100-200
CMBX		Habana	. 1080	100-200
CMBY		Habana	. 1440	100-200
CMBZ		Habana	. 940	100-200
CMC .		Habana	. 1530	100-200
CMCA		Habana	. 1350	100-200
CMCB		Habana	. 1230	100-200
CMCD		Regla	. 630	15000
CMCF		Guanabacoa	. 810	5000
CMCG	. .	Habana	. 1290	100-200
CMCJ		Habana	. 1110	100-200
CMCK		Habana	. 970	5000
CMCM		Habana	. 850	100-200
CMCO		Habana	. 1200	100-200
CMCP		Habana	. 1050	100-200
CMCQ		Habana	. 1410	100-200
CMCR		Habana	. 1380	100-200
CMCU		Habana	780-1010	100-200
CMCW		Habana	. 1380	100-200
CMCX		Guanabacoa	. 1470	100-200
CMCY		Marianao	. 590	15000
CMGC		Matanzas	1400	200
CMGE		Cardenas	. 1370	100-200
CMGF		Matanzas	. 1120	100-200
CMGH		Matanzas	710-790	100-200
CMHA		Sagua la Grande	. 1090	100-200
CMHB		Sancti Spiritus	. 1240	100-200
CMHD		Caibarien	. 1270	100-200
CMHI		Santa Clara	. 1060	100-200
CMHJ		Cienfuegos	. 1160	100-200
CMHK		Cruces	. 1210	100-200

Call Letters	Location	Frequency Kilocycles	Power Authorized Watts
СМНМ	Cienfuegos	. 1450	100-200
СМНО	Sagua la Grande	. 870	100-200
CMHP	Placetas	. 1100	200
CMHT	Trinidad	. 920	200
CMHW	Santa Clara	. 680	100-200
CMHX	Cienfuegos	. 1480	100-200
CMJA	Camaguey	. 860	100-200
CMJC	Camaguey	. 1390	100-200
CMJE	Camaguey	. 1230	100-200
CMJF	Camaguey	. 930	100-200
CMJH	Ciego de Avila	. 1360	100-200
CMJI	Ciego de Avila	. 1130	100-200
CMJK	Camaguey	. 1290	100-200
CMJO	Ciego de Avila	. 1260	100-200
CMJP	Moron	. 1420	100-200
CMJW	Camaguey	. 1070	100-200
CMJX	Camaguey	660-740	100-200
CMK	Habana	. 780	100-200
CMKC	Santiago de Cuba	. 1250	100-200
CMKD	Santiago de Cuba	. 910	1000
CMKF	Holguin	. 1460	100-200
CMKG	Santiago de Cuba	. 1150	100-200
CMKL	Bayamo	. 950	100-200
CMKM	Manzanillo	. 1080	100-200
CMKO	Holguin	. 1280	100-200
CMKQ	Santiago de Cuba	. 1490	100-200
CMKR	Santiago de Cuba	. 1400	100-200
CMKS	Guatanamo	. 710	100-200
CMKW	Santiago de Cuba	770-830	100-200
CMKX	Santiago de Cuba	. 1190	100-200
CMKZ	Palma Soriano	. 1430	100-200
CMOA	Habana	. 910	100-200
CMOX	Habana	. 1500	100-200
CMQ	Habana	780-1010	25000
CMW	Habana		100-200
CMX CM9RT	Habana Guines		100-200
COCDA	Habana		100-200 250
COCH	Habana		1000
COCM	Habana		1000
COCO	Habana		1000
COCQ	Habana96 Habana		1000
COCX COGF	Habana Matanzas		1000 1000
COJK	Camaguey		1000
COKG	Santiago de Cuba		1200

STATIONS OF MEXICO

Since January 1, 1938 five new stations have been licensed to operate in Mexico and one super-power (150,000 watts) station located in Nuevo Laredo has suspended operations. It is noticeable that the authorized power of several, including two of the super-power transmitters, has been reduced considerably during 1938.

Call Letters	Location	Frequency Kilocycles	Power Authorized Watts
XEA	. Guadalajara, Jalisco		125
XEAA .	. Mexicali, Baja California	. 750	200
XEAB .	. Taluca, Mexico	. 1060	250
XEAC .	. Tijuana, Baja California		1000
XEAF	. Nogales, Sonora		750
XEAG .	. Cordoba, Vera Cruz		10
XEAI.	. Mexico, Distrito Federal		500
XEAL .	. Mexico, Distrito Federal		1000
XEAM	. Matamoros, Tamaulipas		50
XEAO .	. Mexicala, Baja California		250
XEAD .	Ciudad Obregon, Sonora		50
			1000
XEAQ .	Tijuana, Baja California		
XEAS .	. Saltillo, Coahuila		100
XEAT .	. Hidalgo del Parral, Chihuahua		250
XEAW .	. Reynosa, Tamaulipas		100000
XEAZ .	. T. Calderon, Zacatecas		200
XEB	. Mexico, Distrito Federal		10000
XEBA .	. Ciudad Guzman, Jalisco	. 1080	20
XEBC .	. Agua Caliente, Baja California	. 730	5000
XEBF .	. Jalapa, Vera Cruz	. 6090	100
XEBG .	. Tijuana, Baja California	. 820	1000
XEBH .	. Hermosillo, Sonora		500
XEBI	. Aguascalientes, Aguascalientes		50
XEBJ .	. Merida, Yucatan		20
XEBK .	. Nuevo Laredo, Tamaulipas		100
XEBL .	. Mazatlan, Sinaloa		50
XEBM .	. Mazatlan, Sinaloa		50
XEBO .	. Irapuato, Guanajuato		25
XEBP .	. Durango, Durango		250
XEBQ .	. Mazatlan, Sinaloa		15
XEBR .	. Hermosillo, Sonora		150
XEBS .	. Mexico, Distrito Federal		200
XEBT .	. Mexico, Distrito Federal		500
XEBU .	. Chihuahua, Chihuahua	. 1200	50
XEBX .	. Sabinas Coahuila	. 640	250
XEBZ .	. Mexico, Distrito Federal	810	100
XEC	. Tijuana, Baja California	. 1150	100
XECL .	. Mexicali, Baja California		1000
XECR .	. Mexico, Distrito Federal		20000
XECU .	. Guadalajara, Jalisco		45
XECW .	. Mexico, Distrito Federal		10
XECZ .	. San Luis Potosi, San Luis Potosi		100
XED	. Guadalajara, Jalisco		500
XEDA .	General Anaya, Distrito Federal		200
XEDF .	. Nuevo Laredo, Tamaulipas		100
XEDH .	. Villa Acuna, Coahuila		200
XEDP .			200
	. Mexico, Distrito Federal		
XEDQ .	. Guadalajara, Jalisco		100
XEDW .	. Minatitlan, Vera Cruz		20
XEE	. Durango, Durango		50
XEF	. Ciudad Juarez, Chihuahua		100
XEFA .	. Tacuba, Distrito Federal		500
		0=0	000
XEFB . XEFC .	. Monterrey, Nuevo Leon	870 5 5 0	200 100

Call Letters	Location Frequency Kilocycles	Power Authorized Watts
XEFE	N. Carlotte and Ca	250
XEFI	Chihuahua, Chihuahua 1440	250
XEFJ	Monterrey, Nuevo Leon	100
XEFL	Tijuana, Baja California	250
XEFM	T 0	20
XEFO	Mexico, Distrito Federal	5000
XEFQ	Cananeh, Sonora	50
XEFT .	Vera Cruz, Vera Cruz	12
XEFV	Ciudad Juarez, Chihuahua 1210	100
XEFW	Tampico, Tamaulipas 1310	300
XEFZ	Mexico, Distrito Federal	100
XEG	Monterrey, Nuevo Leon	250
		250
XEH	Monterrey, Nuevo Leon	100
XEI		125
XE.J	Ciudad Juarez, Chihuahua	1000
XEJP	Mexico, Distrito Federal	100
XEJW	Mexico, Distrito Federal	500
XEK	Mexico, Distrito Federal	100
XEKL	Leon, Guanajuato 1240	500
XEL	Mexico, Distrito Federal 1100	250
XELA	Saltillo, Coahuila	50
XELO	Tijuana, Baja California 580	10000
XELZ	Mexico, Distrito Federal	100
XEME	Merida, Yucatan	50
XEMO	Tijuana, Baja California	5000
XEMU	Piedras Negras, Coahuila	250
XEMX	Mexico, Distrito Federal	100
XEN	Mexico, Distrito Federal	1000
XENC	Mexico, Distrito Federal	50
XEOK		200
XEOO		
XEP	Mexico, Distrito Federal	100
	Ciudad Juarez, Chihuahua	500
XEPN	Piedras Negras, Coahuila	50000
XERA	Villa Acuna, Coahuila	180000
XES	Tampico, Tamaulipas 990	250
XET	Monterrey, Nuevo Leon	5000
XETB	Torreon, Coahuila 1310	125
XETF	Vera Cruz, Vera Cruz 1220	12
XETH	Puebla, Puebla 1210	100
${\sf XETM}$	Villahermosa, Tab 11730	50
XETW	Tampico, Tamaulipas 6045	100
XEU	Vera Cruz, Vera Cruz 1010	250
XEUW	Vera Cruz, Vera Cruz	20
XEUZ	Mexico, Distrito Federal	100
XEW	Mexico, Distrito Federal	50000
XEWI	Mexico, Distrito Federal	400
XEWB	Guadalajara, Jalisco	15
XEWW	Mexico, Distrito Federal	10000
XEX	Monterrey, Nuevo Leon	
XEXA		125
XEXB	Mexico, Distrito Federal	100
	Jalapa, Vera Cruz	250
XEXC	Aguascalientes, Aguascalientes	350
XEXD	Jalapa, Vera Cruz	350
XEXE	Texcoco, Mexico	17
XEXH	San Luis Potosi, San Luis Potosi	250
XEXM	Mexico, Distrito Federal	500
XEXP	Monterrey, Nuevo Leon	30
XEXR	Mexico, Distrito Federal	100
XEXS	Mexico, Distrito Federal	100
	7380	20000
XEXX	Mexico, Distrito Federal	1000
XEYO		500
71DIO		
XEYP	Mexico, Distrito Federal	500

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America's Pioneer Sight-and-Sound Receiver for the Home

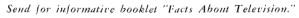


TOWER VIDEOR

Crystal-clear pictures with high fidelity sound. Simple controls for image and sound. 3-band receiver — television. short wave, standard broadcasts. Model VA-5.



Connected like remote loud speaker to Tower VIDEOR, Model VK-5, it picks up image anywhere in the home away from the receiving cabinet itself. Adjustable to suit comfort of viewer.





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TELEVISION



Stations
Personnel Facilities

F.C.C. Regulations

Research

History

Facsimile Standards

Television Progress in

England Germany France Italy

Japan Russia



TELEVISION

BROADCASTING STATIONS

The term "television broadcast station" means a station licensed for the transmission of transient visual images of moving or fixed objects for simultaneous reception and reproduction by the general public.

Group A—2000 to 2100 kc.; Group B—42000 to 56000 kc.; Group C—60000 to 86000 kc.; Group D—Any 6000 kc. frequency band above 110000 kc. excluding 400000 to 401000 kc.

Licensee and Location	Call Letters	Frequency (kc) or Group	POWER Visual Aural	
Columbia Broadcasting System				
New York, N. Y Don Lee Broadcasting System	W2XAX	В, С	50 w (CP only)
Los Angeles, Calif	W6XAO	B, C	1000 w	150 w
Allen B. DuMont Laboratories, Inc.				
Passaic, N. J	W2X VT	В	50 w	50 w
Springfield, Pa	W3XPF	B, C	250 w	1 kw
First National Television, Inc.				
Kansas City, Mo	W9XAL	B, C	300 w	150 w
Albany, N. Y	W2XB	С	100 w	3000 w
General Electric Co.			100 W	0000 11
Bridgeport, Conn	W1XA	C	100 w	3000 w
General Electric Co.	WOND	D	10	
Schenectady, N. Y	WZXD	В	40 w	
Schenectady, N. Y	W2XH	В	40 w	
General Television Corp.	***************************************	В	40 W	
Boston, Mass	WIXG	B. C	500 w	
Kansas State College of A. & A. S.	******			
Manhattan, Kansas	W9XAK	A	125 w	125 w
New York, N. Y	W2XBS	B. C	12 kw	15 kw
National Broadcasting Co., Inc.		2. 0	12 11 11	10 11 11
Portable—Camden, N. J.	W2XBT	D (92000, 175000-18000	00)400 w	100 w
New York, N. Y.				
Philco Radio & Television Corp. Philadelphia, Pa	Waxe	В, С	10 kw	10 kw
Philco Radio & Television Corp.	WOZLE	В, С	10 KW	10 K W
Philadelphia, Pa	W3XP	D (204000-210000)	15 w	
Purdue University				
West Lafayette, Ind	W9XG	A	1500 w	
Long Island City, N. Y	W2XDB	B, C	1 kw	500 w
RCA Mfg. Co., Inc. (Portable)	WEITE I	В. С	1 KW	300 W
Bldg. No. 8 of Camden Plant	W3XAD	D (124000 to 130000)	500 w	500 w
RCA Mfg. Co., Inc. Camden, N. J	WOMED	D. C.	00.1	
RCA Mfg. Co., Inc.	W3XEP	B. C	30 kw	30 kw
Portable—Mobile	W10XX	B, C	50 w	
University of Iowa				
Iowa City, Iowa	W9XK	A	100 w	
University of Iowa Iowa City, Iowa	W9XIII	В, С	100 w	
Zenith Radio Corp.		D, 0	100 W	
Chicago, Ill.	W9XZV	B, C	1000 w	1000 w

(For additional information on television stations see page 477)

F. C. C. REGULATIONS

Applicable to Television

and

Facsimile Broadcasting Stations As of January 1st, 1939

The term "visual broadcast service" means a service rendered by stations broadcasting images for general public reception. There are two classes of stations recognized in the visual broadcast service, namely: Television broadcast stations and Facsimile broadcast stations.

Television Broadcast Stations

The term "television broadcast station" means a station licensed for the transmission of transient visual images of moving or fixed objects for simultaneous reception and reproduction by the general public. The transmission of the synchronized sound (aural broadcast) is considered an essential phase of television broadcasting and one license will be issued for both visual and aural broadcast as hereinafter set out.

- A license for a television broadcast station will be issued only after a satisfactory showing has been made in regard to the following, among others:
- 1. That the applicant has a program of research and experimentation which indicates reasonable promise of substantial contribution to the development of the television broadcast art.
- 2. That the program of research and experimentation will be conducted by qualified engineers.
- 3. That the applicant is legally and financially qualified and possesses adequate technical facilities to carry forward the program.
- 4. That the public interest, convenience and/or necessity will be served through the operation of the proposed station

Conditions of Licensing

(a) A licensee of a television broadcast station shall not make any charge, directly or indirectly, for the transmission of either aural or visual programs.

- (b) In the case of experimental televising of the production of a commercial broadcast program, all commercial announcements not a part of the entertainment continuity shall be eliminated from the television broadcast except the mere statement of the name of the sponsor or product or the televising of the trade-mark, symbol, slogan or product of the sponsor; provided, however, that when the program transmission is incidental to the experiments being conducted and not featured, and subject to interruptions as the experiments may require, the commercial announcements may be broadcast aurally.
- (b) No licensee of any other broadcast station or network shall make any additional charge, directly or indirectly, for the simultaneous transmission of the aural or visual program by a television broadcast station, nor shall commercial accounts be solicited by the licensee of another broadcast station or network, or by others acting in their behalf upon the representation that the commercial program will also be transmitted by a television broadcast station.
- (d) The synchronized sound (aural) program of a television broadcast station may be broadcast by a regular broadcast station, provided:
- 1. That no announcements or references shall be made over the regular broadcast station regarding the operation of the television broadcast station,

except the mere statement that the program being transmitted is the sound or aural program of a television broadcast station (identify by call letters).

2. That the call letter designation when identifying the television broadcast station shall be given on its assigned frequency only.

Frequencies Allotted

(a) The following groups of frequencies are allocated by bands for assignment to television broadcast stations on an experimental basis:

 $\begin{array}{c} Group & A \\ 2000 & \text{to} & 2100 & \text{kc} \\ Group & C \\ 60,000 & \text{to} & 86,000 & \text{kc} \end{array}$

Group B 42,000 to 56,000 kc Group D Any 6,000 kc frequency band above 110,000 kc excluding 400,000 to 401,000 kc.

- (b) A licensee of a television station for Group A shall carry forward a comprehensive program of experimentation to determine the secondary or rural coverage of the station, and shall suitably locate receiving equipment and other apparatus, and shall make the necessary measurements to determine the quality and characteristics of the secondary or sky-wave service area. Television transmission only will be authorized in this band, and each license will authorize the entire band. No aural broadcast will be authorized therein.
- (c) A license for a television broadcast station in groups B, C or D will specify a frequency band wherein two adjacent carrier frequencies shall be selected, one for the visual and one for the aural broadcast. The lower carrier frequency shall be for visual broadcast and the higher carrier frequency for the aural broadcast.
- (d) A licensee will be granted only one station in each frequency group for operation in the same service area.
- (e) An application may be made for one frequency band (to include the visual and the aural carriers) in groups B, C and D. However, if it is desired to operate in more than one group, it will be necessary to make separate applications for a station in each group.
- (f) Applicants shall specify the band width of the emissions required for the proposed transmission.
- (g) Carrier frequencies shall be so selected and emissions controlled that

no emission from any cause will result outside the frequency band authorized by the license.

(h) An aplicant shall select a frequency band in the group which is believed best suited for the experiments to be conducted and will cause the least or no interference to established stations.

Power Limitations

The power output rating of a television broadcast station shall not be in excess of that necessary to carry forward the program of research. The operating power may be maintained at the maximum rating or less, as the conditions of operation may require.

A supplemental report shall be filed with and made a part of each application for renewal of license and shall include statements of the following:

- 1. Number of hours operated for transmission of television programs.
- 2. Comprehensive report of research and experimntation conducted.
- 3. Conclusions and program for further developments of the television broadcast service.
- 4. All developments and major changes in equipment.
 - 5. Any other pertinent developments.

Facsimile Broadcast Stations

The term "facsimile broadcast station" means a station licensed to transmit images of still objects for record reception by the general public.

- A license for a facsimile broadcast station will be issued only after a satisfactory showing has been made in regard to the following, among others:
- 1. That the applicant has a program of research and experimentation which indicates reasonable promise of substantial contribution to the development of the facsimile broadcast service.
- 2. That the program of research and experimentation will be conducted by qualified engineers.
- 3. That the applicant is legally and financially qualified and possesses adequate technical facilities to carry forward the program.
- 4. That the public interest, convenience and/or necessity will be served through the operation of the proposed station.

Conditions of Licensing

- (a) A licensee of a facsimile broadcast station shall not make any charge, directly or indirectly, for the transmission of programs.
- (b) No licensee of any other broadcast station or network shall make any additional charge, directly or indirectly, for the transmission of programs by a facsimile broadcast station, nor shall commercial accounts be solicited by any licensee of another broadcast station or network, or others acting in their behalf, upon representation that images concerning that commercial program will be transmitted by a facsimile station.

Frequencies Allotted

(a) The following frequencies are allocated for assigneent to facsimile broadcast stations on an experimental basis provided no interference is caused to the television stations operating in the band 2000-2100 kilocycles:

2012 kc 2016 kc 2096 kc

- (b) If the facsimile program of research and experimentation cannot be properly carried forward on the frequencies in subsection (a) of this rule due to the characteristics of these frequencies, applicants may request and be assigned any frequency specified in Rule 1973 on an experimental basis.
- (c) Other frequencies under the jurisdiction of the Commission may be assigned for experimental operation of facsimile broadcast stations on an experimental basis provided a sufficient need therefor is shown and no interference will be caused to established radio stations
- (d) Each facsimile broadcast station will be licensed for only one frequency except in subsection (b) of this rule more than one frequency may be licensed to one station if need therefor is shown.
- (e) Each applicant shall specify the frequency or frequencies desired and the maximum modulating frequencies proposed to be employed.
- (f) The operating frequency of a facsimile broadcast station shall be maintained in accordance with the frequency assignments as shown by Rule 980, provided, however, where a more strict adherence to the assigned frequency is necessary to prevent interference, the Commission will specify the tolerance.
- (g) A facsimile broadcast station authorized to operate on frequencies regularly allocated to other stations or serv-

ices shall be required to abide by all rules governing the stations regularly operating thereon, which are applicable to facsimile broadcast stations and are not in conflict with Rules 980 to 986, inclusive, and Rules 1039 to 1039, inclusive, excluding Rule 1035.

Power Limitations

The power output rating of a facsimile broadcast station shall not be in excess of that necessary to carry forward the program of research. The operating power may be maintained at the maximum rating or less, as the conditions of operation may require.

A supplemental report shall be filed with and made a part of each application for renewal of license and shall include statements of the following:

- 1. Number of hours operated for transmission of facsimile programs.
- 2. Comprehensive report of research and experimentation conducted.
- 3. Conclusions and program for further developments of the facsimile broadcast service.
- 4. All developments and major changes in equipment.
 - 5. Any other pertinent developments.



TELEVISION, 1938-39

By

E. W. ENGSTROM

RCA Research Engineer

WHILE considerable progress was made in the television field during 1938 in all phases of television research and development, it is hoped that even greater strides will be made during the current year. Work will be continued along the same comprehensive lines in 1939 as in the past year. It is desirable to not only improve the efficiency of the present television system but also increase the knowledge of the propagation characteristics of ultra-short waves.

Advanced work in television research and development has been, and will continue to be, directed toward a more complete understanding of the higher radio frequencies. The procedure is to study the propagation of ultra-short waves so that, as more knowledge of their characteristics becomes available, their usefulness may be determined. At the same time, research in the field of electronics is conducted for the purpose of finding principles which can be applied in devices that will put to work the newly discovered frequencies.

One of the more important objectives in 1939 will be the further development of a system of radio relay utilizing centimeter waves, which might eventually be used in the establishment of networks of television stations. The RCA has made progress in this field of development, and believes that further advances will be made this year.

In the following review of television activities during 1938 will be found the complete workings of engineers and concerns who may this year see the many years' work culminated in success.

Television in 1938

The past year was marked by refinement of all parts of the system in a steady advance toward commercial television. Late in the year it was announced that a limited program service would be inaugurated in New York City with the opening of the 1939 World's Fair in that city, and that receivers would be offered for sale to the public at that time. Apparatus is available for sale to broadcasters for studio and transmitter service. Splendid progress was made through industry cooperation in establishing operat-

ing standards for a television system. Emphasis was placed on comprehensive field tests.

Studio Pickup Equipment

Steady progress has been made in the electrical and mechanical design of pickup equipment for studio use. The frequency bandwidth passed by the entire system has been widened and the circuit operation made more stable. The camera preamplifier and Iconoscope coupling circuits have been improved so that the signal to noise ratio has been increased.

Operating technique has constantly improved so that more consistent performance is obtained. Much attention was given to the problems of program production.

Mobile Pickup Equipment

Mobile pickup equipment mounted in trucks has been put in experimental operation and has given satisfactory performance for preliminary tests. The equipment includes an ultra high frequency transmitter for relaying the picture signal to the television transmitter for broadcasting. Location pickups have been successfully accomplished over moderate distances and in one instance up to 27 miles

Transmitters

Considerable improvement has been made in television transmitters. The modulating frequency characteristic has been widened. Circuits for inserting the direct current component in the transmitted signal have developed which, in addition to that function improve the overall stability of the transmitter. Experimental advances have been made in higher powers at the higher frequency television channels. A transmitter of nominal power output has been developed suitable for broadcast service.

In order to fully utilize a television frequency channel, it is desirable to attenuate most of one picture side band at the transmitter. A method for doing this was evolved and tested in laboratory and field with satisfactory results. This was suitable for carrier frequency operation at high power and included constant resistance circuits and phase correcting networks. Experimental work was also done on obtaining the same characteristic at a low level in combination with low level modulation.

Improvements were made in the mechanical designs and electrical characteristics of transmitting antennas. Antennas suitable for installation on the small space available on top of tall buildings have been designed. The directivity pattern has been improved for horizontally polarized antennas so that they have a circular pattern in the horizontal plane

and directivity toward the horizon in the vertical plane, resulting in a substantial power gain. The selectivity of these structures has been improved so that they have uniform impedance over more than one 6 megacycle television channel.

Signal Propagation

Study was given to propagation characteristics of ultra short waves in the region of 40 megacycles to several hundred megacycles. Comparisons fo polarization of the radiated wave have been made indicating that a better signal to ignition interference ratio and less multipath interference is obtained with horizontal than vertical polarization.

Receivers

Advances were made in television receiver design resulting in improved performance and simplification of operation. Circuits permitting pre-set station selection have been developed, and the number of operating controls has been reduced. The frequency band width passed by the receivers has been increased to correspond with the increased effective frequency band made available by suppressing one side band at the transmitter. This results in more picture detail. Amplifier tubes of higher transconductance have been made available so that more gain and improved signal to noise ratios can be had, even with the increased band width. Screen material for Kinescopes has been developed so that pictures are bright and black and white.

Large Screen Pictures

Progress has been made in circuits and cathode ray tubes for producing large pictures by projection. Experimental apparatus of this type has been demonstrated to large groups with success.

Conclusion

Thus television entered in 1939, with hopes high. The entire world is anxiously awaiting the new phenomenon that is television. Will they be satisfied during 1939? We can only guess, but the fact remains that the work in research and development of television will continue until the correct answer is found.

TELEVISION

a brief history

(Compiled by the National Broadcasting Company)

TELEVISION, like radio, began in the nineteenth century. Not only were its scientific foundations laid, but numerous attempts were actually made to transmit pictures by electrical means.

Television demanded, first of all, some means of translating light values into corresponding electrical values. Selenium was isolated by Berzelius, a Swedish chemist, in 1817, but the photo-electric property of this element was not discovered until fifty-six years later, and then quite by accident. A telegraph operator at the Valentia Cable Station in southwestern Ireland observed that some sclenium resistances he was using became better conductors of electricity when exposed to bright sunlight. His observations were given scientific confirmation a short time later.

First Tele

To scientists this discovery revealed the possibility of converting light waves into electrical impulses. A picture—that is, a pattern of lights and shadows might be converted into an electrical pattern. The electrical impulses might thereupon be transmitted over considerable distances and then reconverted to light values which would be assembled into a reproduction of the original image. Ayrton and Perry made one of the earliest proposals (1880) for transmitting pictures by electricity. G. R. Carey advanced another scheme the same year. Shelford Bidwell actually demonstrated the sending of outlines by wire in 1881 before the Physical Society in England.

The possibility of translating light values into their electrical counterparts, however, did not constitute a complete foundation for television. Maurice Leblanc, a Frenchman, in 1880 laid down the art's fundamental necessities. To send a moving picture, he held, it would be necessary to break it into elements and transmit these one at a time in a definite

order. These would be joined together at the receiver in the same order.

Scanning Disk

Four years later, in 1884, Paul Nipkow patented the famous scanning disc which bears his name. The German physicist's invention was simply a circular sheet of metal near the edge of which was a series of small holes in the form of a spiral. The arrangement was such that if the disc revolved, the outermost hole would afford a view of a strip across the top of the subject. The second hole would give a view of the strip immediately under the first, and so on until the entire subject had been scanned in a series of lines.

Leblanc advanced the idea of using two mirrors for scanning, one to vibrate at a comparatively low speed for vertical scanning, the other to vibrate at a high-frequency for the horizontal scanning of each line. Weiller proposed the use of a mirror drum in still another method of scanning. These were the fundamentals of a few of the many schemes for "seeing by telegraphy" publicized in the 1880's. In each case the light from the televised subject was to be registered by a sclenium cell.

About the turn of the century Karl Braun introduced the oscilloscope, a vacuum tube showing visually the variations of an alternating current. It was demonstrated that a magnetic field from a coil placed around the tube improved the sharpness of the fluorescent spot. Obviously, the cathode ray which produced the spot of light at the end of the tube could also be deflected by the same means, since the ray itself was an electric current. This led to the next important advance in television.

Braun Tube

In 1907 Boris Rosing, a Russian, patented a system in which the Braun tube was to be the instrument for reconstructing the image at the receiver. The tube's cathode-ray beam, composed of electrons, was to be modulated by the impulses sent

from the transmitter. The modulated beam was to be made to scan the fluorescent surface placed at the end of the tube and thereby create a reproduction of the original image. Speaking before the Roentgen Society in 1911, A. A. Campbell Swinton outlined a method, publicized in a very rough form three years earlier, for television without the aid of a single moving mechanical part. Cathode ray tubes of suitable design were to be used at both transmitter and receiver.

Today all the most important television systems employ cathode ray tubes. in one form or another, at both receiver and transmitter and every moving mechanical part has been eliminated. In respects, Campbell Swinton's scheme may be said to have been essentially the same as today's all-electronic television systems. With him, however, the method was purely theoretical. At the time neither he nor any of his contemporaries could realize their ambitions. The Braun tube was very imperfect. Besides, no means were available for strengthening the very weak impulses generated in the instrument used for registering and scanning the televised subject. A few more years and the World War put a temporary halt to experiment in television.

Mechanical Scanning

When scientists again took up the task of perfecting television in the early 1920's, radio contributed comparatively efficient amplifiers based on the threeelectrode vacuum tube invented by Lee de Forest. Improvements had been made in the photo-electric cell and the scientific world was in the process of discovering photo-electric materials far more sensitive than selenium. This period—in which C. F. Jenkins, an American, John Logie Baird, an Englishman, and Denes von Mihaly, a Hungarian, played leading parts—was characterized by attempts to solve the problems of television by mechanical scanning. Jenkins gave a demonstration of his method in Washington in 1925, Baird showed his apparatus publicly in London the same year. On January 27, 1926, Baird transmitted better images in the presence of forty members of the Royal Institution in London. His television images were in 30 lines at the rate of 121/2 complete pictures a second. There was, therefore, a decided flicker in the crude image. A year later the engineers of the Bell Telephone Laboratories gave a demonstration in which both sound and sight were transmitted synchronously by wire from Washington to New York. They also transmitted images by radio over a much shorter distance. Early in 1928 Baird successfully

transmitted a low-definition picture across the Atlantic.

The time was one of intense activity in television experiment and confident predictions were made that the problems of the new art would soon be solved so that all might shortly see the events they were hearing about over radio. Picture definition gradually increased from 30 lines to 240 lines. Although steady advances were made in image clarity, observers still felt that none contained sufficient detail. Greater detail, of course, meant higher speeds in scanning. Reduction of the annoying flicker meant increasing the number of complete pictures per second.

In the laboratories, however, work was progressing on a new scanning method. In 1933 Dr. Vladimir K. Zworykin, of the Radio Corporation of America, announced his Iconoscope, a vacuum tube for translating a light image into electrical charges which were to be scanned by a suitably deflected cathode ray beam. About the same time Philo T. Farnsworth brought forward another scanning tube which he called the "image dissector." One or the other of these two tubes, both American in origin, is the basis of every all-electronic television system in use at the present time.

Tele Now

At the time of writing, television has reached a relatively high state of technical development and improvements are being made at a very rapid rate. Tentative standards proposed for American television stipulate an image of 441 lines at the rate of 30 complete pictures a second. Images are gaining in brilliance and, although they are still comparatively small as viewed in the home model receiver, experimenters in the field have hopes of increasing their dimensions. Dr. Zworykin and his associate, Dr. R. R. Law, last year demonstrated a tube which projected a television image approximately eight feet by ten in size.

Television broadcasting is still, in 1938. in its infancy. In the United States eighteen stations are licensed to broadcast on an experimental basis. The most important of these stations is operated in New York by the National Broadcasting Company, which maintains a small but complete staff to work on all phases of the new art. In Great Britain television has been established as a daily service to several thousand viewers in the London area by the British Broadcasting Corporation. Germany has announced a government service to begin before the end of 1938. The P. T. T. in France has newly completed a powerful transmitter in the Eiffel Tower.

-Courtesy of the World Almanac.

Proposed Television Transmission Standards Submitted to the FCC for Approval by the Radio Manufacturers' Association

THE long-heralded proposed television transmission standards were submitted to the Federal Communications Commission by the Radio Manufacturers Association on September 12, 1938. They were submitted to the FCC with the approval of the RMA Board of Directors and also of the special RMA Television Committee of which A. F. Murray of Philadelphia (Philco) is chairman and were approved also by the RMA membership.

The proposed standards were presented to the FCC for approval in the present experimental development of television and the RMA is prepared to demonstrate that they are practical and in the public interest. Besides RMA engineering and executive facilities, a few television interests which are not technically among RMA membership participated in the preparation of the proposed standards.

The immediate action of the FCC engineering department before presenting the proposals to the Commission in session was to ask the RMA to answer three questions concerning them:

- 1. The names of all the members of the RMA who are actively engaged in the development of television and the extent of their activity, including, in addition, the names of any other interests, not members of the RMA, who have participated in the formulation of the standards.
- 2. Why it would be in the public interest to adopt the standards proposed by the RMA at this particular time, including a statement as to whether television stations, even though licensed on an experimental basis, should be required to abide by such standards.
- 3. Whether or not the RMA believed that the development of television has reached the stage where the Commission might call formal hearings with respect to the adoption of standards, in which event the RMA would be expected to present evidence showing that such standards are required at this particular time.

There have been many reasons put

forth from various sources concerning the need for adoption of set standards of television transmission. Such adoption would assure the industry of two results: (1) a certain amount of stability on which not only the industry but also the potential owners of television receiving sets could rely; (2) a more definite yardstick for the future activities of those engaged in television experimentation and research.

The proposed television transmission standards as presented to the FCC are as follows:

T-101 Television Channel Width

The standard television channel shall not be less than 6 megacycles in width. T-102 Television and Sound Carrier Spacing

It shall be standard to separate the sound and picture carriers by approximately 4.5 Mc. This standard shall go into effect just as soon as "single side band" operation at the transmitter is practicable. (The previous standard of approximately 3.25 Mc. shall be superseded.)

T-103 Sound Carrier and Television Carrier Relation

It shall be standard in a television channel to place the sound carrier at a higher frequency than the television carrier.

T-104 Position of Sound Carrier

It shall be standard to locate the sound carrier for a television channel 0.25 Mc. lower than the upper frequency limit of the channel.

T-105 Polarity of Transmission

It shall be standard for a decrease in

initial light intensity to cause an increase in the radiated power. (See Standard M9-121.)

T-106 Frame Frequency

It shall be standard to use a frame frequency of 30 per second and a field frequency of 60 per second, interlaced.

T-107 Number of Lines per Frame

It shall be standard to use 441 lines per frame.

T-108 Aspect Radio

The standard picture aspect ratio shall be 4:3.

T-109 Percentage of Television Signal Devoted to Synchronization

If the peak amplitude of the radio frequency television signal is taken as 100 per cent, it shall be standard to use not less than 20 per cent nor more than 25 per cent of the total amplitude for synchronizing pulses.

T-110 Method of Transmission

It shall be standard in television transmission that black shall be represented by a definite carrier level independent of light and shade in the picture.

T-111 Synchronizing

The standard synchronizing signals shall be as shown on Drawing T-111.

T-112 Transmitter Modulation Capability

If the peak amplitude of the radio frequency television signal is taken as 100 per cent, it shall be standard for the signal amplitude to drop to 25 per cent or less of peak amplitude for maximum white.

T-113 Transmitter Output Rating

It shall be standard, in order to correspond as nearly as possible to equivalent rating of sound transmitters, that the power of television picture transmitters be nominally rated at the output terminals in peak power divided by four.

T-114 Relative Radiated Power for Picture and for Sound

It shall be standard to have the radiated power for the picture approximately the same as for sound.

FOR LATEST

TELEVISION DEVELOPMENTS

READ

RADIO DAILY

REGULARLY

CBS ENTERS TELEVISION

By

PETER C. GOLDMARK

Chief Television Engineer

NINETEEN THIRTY-NINE will find the Columbia Broadcasting System engaged in television on a major scale! That statement has been held in abeyance almost two years while CBS has been engaged in the construction and installation of a new 15-kilowatt television transmitter on the top floors of the Chrysler Building in New York City. Television studios are now nearing completion in the Grand Central Terminal, and according to the plans of the network, CBS will be presenting televised programs by early Summer.

While a great deal of supposition has been voiced by everyone as to what CBS plans to do in the television field, and how it will accomplish the same, the following account, the first authentic one, will explain the CBS set-up in its entirety.

The transmitter equipment weighs about 100,000 pounds and is to be located on the 73rd, 74th and 75th floors of the Chrysler Tower. This transmitter consumes about 300 kw. of electric power and represents the latest design in television and sound transmitters. The sound transmitter operates with a carrier of 7½ kw. on 55.75 Mgs., while the picture carrier will be between 50-55.25 Mgs.

The antenna is divided into two identical sections located one above the other just below the steel spire of the building.

The site was chosen in 1937 after careful study of the whole New York skyline had shown it to be the ideal location and capable of providing primary coverage within a radius of about 40 miles over a total area of about 4,800 square miles.

A space 280x60 feet square and 45 feet high on the third floor of the Grand Central Terminal is being reconstructed for the television studios. It is divided into a large Master Control Room, where all the equipment as well as the operators will be located, and into studio space.

There are several studio pickup and film channels available. A coaxial cable carries the picture signal from the studio to the Chrysler Building transmitter while special high fidelity lines will handle the audio signals.

The entire sound equipment, from the

studio to the antenna, is capable of handling frequencies up to 10,000 cycles and more. Since high class television receivers will be equipped to reproduce such frequencies, it is hoped that not only the visual broadcasting but a muchimproved sound broadcasting service will be inaugurated by the new station, which is licensed to operate under the call letters W2XAX.

When the new station goes on the air it will climax almost a decade of experimentation by CBS which, in 1931, broadcast the first regular schedule of television programs undertaken in this country, using a mechanical system with 60 lines.

CBS has been actively engaged in research and development work in the field of high definition television since the beginning of 1936. At first experiments were carried out on 343 lines, but they soon were continued on today's standard of 441 lines, 30 frames.

The new laboratories located in the CBS building at 485 Madison Avenue, have, in the last two years, developed a complete low power television transmitter suitable for the transmission of motion picture film, either 16 or 35 mm. Certain parts of this equipment will be used in connection with high power transmissions from the Chrysler Building.

Gilbert Seldes will direct the programs to be heard over the television transmitter, and it is believed that before the end of 1939, CBS will be one of the leaders in the television field.

HISTORICAL RESUME OF THE DON LEE BROADCASTING SYSTEM TELEVISION STATION W6XAO

By

HARRY R. LUBCKE

■ Director of Television ■

THE television research activities of the Don Lee Broadcasting System started in 1930. On December 23, 1931, television station W6XAO went on the air on the ultra-high frequency of 44,500 kc. on a one-hour-per-day schedule. Transmissions have been made daily, except Sundays, since that time, thereby establishing W6XAO as the oldest television broadcasting station in the United States operating on the now universally utilized ultra-high frequencies. At this early date 80-line images from motion picture film were broadcast. Scheduled transmissions were also made on 49,400 and 66,750 kc. during 1932 and 1933.

In April, 1932, a self-synchronized cathode-ray television receiver was demonstrated under home receiving conditions. In order to give this equipment an unusual test and prove that a power line connection was not required for synchronization, on May 21, 1932, the receiver was taken aloft in a tri-motored transport airplane, and images were received from W6XAO while flying above the city of Los Angeles.

In 1933 motion picture scenes of the damage caused by the Long Beach-Los Angeles earthquake were broadcast, as were scenes of the Stanford - University of Southern California football game, within a few hours after its conclusion. Altogether a total of over eleven million feet of motion picture film have been telecast by W6XAO.

Research on high-definition television was started in 1934, and in 1935 W6XAO was broadcasting 300-line images.

Starting with an initial power of 150 watts, an increase to one kilowatt was made in the early part of 1938. With this power, image reception was possible at 20 to 30 miles from the transmitter in the cities of Long Beach and Pomona.

Throughout the period of operations, incidental to the telecasts, numerous inventions have been made and patented. Because of the early entry of W6XAO into the electronic television field, some of these are of fundamental importance.

Early in 1938, live subject pickup equipment was placed in operation. Since then program activities have gone forward until there is now one twice-a-week 15-minute comedy serial, now in its 27th episode, entitled, "Vine Street," one weekly dramatic serial entitled. "The Gibbons Family," and one weekly fantasy currently depicting, "Alice in Wonderland." In addition. educational features sponsored by the University of Southern California, vocal, instrumental, and orchestral musical numbers, excerpts from circus life, fashion and home economic demonstrations, and Hollywood news commentators telecast.

TELEVISION FOR THE HOME

 B_1

SAMUEL M. SALTZMAN

President of the American Television Corporation | 130 West 56th Street, N. Y. C.

A CHECKUP on the reams of published reports on television reveals that.

"Television Is Ready"

"Television Has a Long Way to Go"

"Video Art Just Around the Corner"

"Someone Has Moved the Corner!"

"Experts Concede Big Future for Television"

"Experts Minimize Television Progress" and so on

If the reader is confused he can't be blamed. But let us examine the facts. Nearly five years ago the same type of receiving set that works today was tested in Philadelphia and New York and found capable of picking up transmission from the Empire State Building.

1939 Picture

There have been few if any changes in those television receivers since 1934. At that time the best transmitted image was a 240-line picture. The present 441-line standard makes the 1939 version a clearly defined, detailed image of the televised subject. Otherwise, the only appreciable change in receiving sets for the home has been the elimination of two or three tuning knobs and the improvement of cabinet design. These two alterations have had little to do with the enjoyment of picture reception. In short, receiving sets for home use have been ready for many months.

Tele Programs

During those months broadcasters experimented with the transmission of motion pictures, live talent programs, newsreels and "spot" news events. Their show originated from studio and portable-mobile, or outdoor truck transmitters and were intended chiefly to test improvements in the process of sensitizing and synchronizing the broadcast. The size of the audience was negligible in the matter of the number of receiving sets in use. But great significance is attached to the fact that a great number of such broadcasts have been witnessed by thousands of visitors to the showrooms and laboratories of the American Television Corporation, pioneers in the job of preparing television for the average American home.

The manufacturers of Videor believes that a great audience can be built in the United States by merchandising television sets on a "Model T" basis, a plan that puts the new art within easy reach of the home instead of establishing it as a luxury.

Cathode Ray Tube

On this point, the size of the televised pictures has an important bearing. The

image is seen on the broad end of the cone-shaped cathode ray tube, or kine-A tube five inches in diameter gets its power and tuning support from about fifteen other smaller tubes in the receiver chassis. The larger the kinescope, the more intricate and costly the supporting circuit. The proportionate difference in the cost of a set providing a 10 or 12-inch picture is so considerable that its ultimate retail price would be prohibitive for several years to come. But the audiences attending ATC television shows have seen remarkable achievements of video engineering in the use of a 5-inch kinescope, whose image is more than two newspaper columns in

Imagine a better-than-two-column picture in your morning newspaper printed on good stock and covered by the finest of "dotted" screens-imagine the characters in such a picture lighting up, becoming active, moving about, talking, expressing themselves in movement and gesture equivalent in clarity to that depicted on the motion picture screen. The entire pictorial basis of your education, in school books, magazines, newspapers and periodicals is in pictures no smaller and no larger than those featured on the ATC Videor screen. By way of emphasis, it is important to repeat that such a screen size permits the virtues of clear definition, vivid detail and reasonable cost.

Picture Tuning

Next to picture size, inquiries often concern picture tuning. Videor is equipped for simple tuning to which radio users have become accustomed. One knob tunes in stations. For some time to come, this tuner will be used infrequently because two or more broadcasters will probably alternate in the use of the same wave length. A second knob achieves precision tuning, and a third functions to bring more light or shade into the subject and serves as the switch that turns the picture on and off.

Nothing will ever completely replace the theatre for amusement and entertainment away from the home, the newspaper for its reportorial account of the news of the world, or the stadium for its sports thrills. But America takes its miracles in stride. It knows television has passed the conversational stage. It is becoming better acquainted with the actual or pro-

jected contributions of RCA, General Electric, Farnsworth, Philco, Zenith and others in the preparation for living picture transmissions. It knows that over 50,000 daily marvel at television reception in London that boasts growing quality as well as frequency. It knows that millions have been spent in successful experimentation. It knows the World's Fair will signal the beginning of permanent public telecasting. It knows that the natural and wholesome competitive spirit that motivates existing radio networks and industrial sponsors will spur television progress.

Tele Sponsors

It is obvious that broadcasters need sponsors: sponsors need audiences; and audiences want programs. But which comes first? The American Television Corporation believes the audience is the first requisite. The audience can be built with reliable equipment. Videor has demonstrated its reliability to thousands of observers in the past year. Regular programs announced in advance would allow dealers to demonstrate the products of ATC and other manufacturers. The same industry-building programs would make the sets useful in the home as sight-and-sound units and in the consequent creation of an audience. With a pioneer audience thus established, sponsors would be offered the most powerful direct selling medium ever devised, and their sponsorship would provide television with its vital bloodsteam. No medium better than television will place an advertiser face to face with his customer.

By the same token, public education will be served. Satisfactory tests have been already made of blackboard lectures by a university professor, fashion display by leading designers, defense tactics by the War Department, scientific instruction by filmed demonstration, etc. Experimental audience reactions have been watched closely for some time to determine the kind of program that will demanded. Radio broadcasters throughout the country have conducted market research to determine the extent of local interest in television and the requirements for becoming a part of the eventual network of public transmitters.

Pioneer Audience

The pioneer audience in television will be participants in one of the most farreaching and fascinating of all scientific advances. They will witness thrilling progress in the months to come and see history in the making. They will be in at the birth of an art that someone once said had to be born full-grown.

FACSIMILE and THE WORLD'S FAIR 1939

 $B\mathfrak{j}$

DR. JOHN S. YOUNG

Radio and Television Director

■ New York World's Fair |

THE New York World's Fair will emphasize the growing importance of a new type of transmission which has gained wide popularity within the past few months. This new transmission, known as Facsimile, is now in use in the major markets of the United States on an experimental basis but leading authorities of the broadcasting industry prophesy that facsimile will thoroughly be made available to the general public. Therefore, leading manufacturers of facsimile have provided for special displays available to the millions of visitors expected at the Fair.

Facsimile broadcasting, the new medium which flashes pictures, drawings and text directly into the home by radio, will be demonstrated to the public by the Radio Corporation of America in its exhibit building at the New York World's Fair. Two types of this new radio system, which was developed by Charles J. Young, RCA research engineer, after many years of experiment with various types of facsimile systems including the ones now in use for transmission of weather maps to ships at sea and for sending photographs and text across the seas, will be shown.

Facsimile scanning apparatus of the type now being tested by broad-casters will be set up in the main front hall of the RCA building. This will include high-speed facsimile which transmits and reproduces material at the rate of one $8\frac{1}{2}$ x 12 inch sheet every minute, and the type which transmits and reproduces graphic material at the rate of one $8\frac{1}{2}$ x 12 inch sheet every eighteen minutes. The equipment to be used in the slower type facsimile demonstration is the same as that now being used by the St. Louis Post-Dispatch in transmitting a daily facsimile newspaper on an experimental basis.

WOR and the Mutual Broadcasting System have extensive plans for facsimile broadcasting during the operation of the Fair, according to word received from Mr. Alfred J McCosker, Chairman of the Board of MBS. They will operate two of the leading facsimile systems—the RCA equipment on WOR, and the Finch development on W2XUP. Transmissions will be sent out on 710 kilocycles after 1:30 a.m. by WOR, and during the day between 2 and 4 p.m. on 25.7 megacycles by W2XUP. WOR'S "Radio Print" is attracting wide attention.

Many other stations throughout the country are using facsimile. It is because of the interest shown in this new medium that officials of the New York World's Fair in cooperation with the above mentioned firm will emphasize facsimile this Summer.

TELEVISION STATIONS

W2XAX

NEW YORK CITY

FREQUENCY: Sight 51.25 Mcs. SOUND, 55.75 Mcs. POWER: Sight, 15.000 Watts (measured at peak of synchronizing pulses): Sound, 7,500 Watts. OWNED AND OPERATED BY: Columbia Broadcasting System. BUSINESS ADDRESS: 485 Madison Ave. PHONE: Wickersham 2-2000. STUDIO ADDRESS: Under construction in the Grand Central Palace Bldg. TRANSMITTER AND ANTENNA LOCATION: Chrysler Bldg. (Construction to be completed by Spring of 1939).

Personnel

Chief Engineer Dr. Peter C. Goldmark Assistant Chief Engineer John N. Dyer Director of Television Programs . Gilbert Seldes

FACILITIES

At present W2XAX is operated with a video power of 50 watts, at 485 Madison Avenue. Later in the Spring transmissions will be continued from the Chrysler Building on high power.

The television transmitter will be installed on the 73rd, 74th and 75th floors of the Chrysler Building. The equipment is designed to handle a video signal with a band width from 30 cycles to approximately 4.25 megacycles. Signals of either positive or negative polarity, as desired, will be radiated. The so-called DC type of picture transmission will be utilized which means that black components in the picture are referred to an absolute and constant value corresponding to a certain degree of modulation of the final carrier. The transmitter is capable of radiating about 12 kw. of power corresponding to the maximum white in the picture, or about 15 kw. corresponding to the peak of the synchronizing pulses. The total input power is about 300 kw. including auxiliary equipment.

The audio transmitter is capable of handling a frequency range from 30 to 15,000 cycles.

The video and audio input and monitoring equipment will be located in a shielded room on the 74th floor where the transmitters are also situated. On the 73rd floor transformers, reactors, motor generators and water cooling equipment will be placed, while the air conditioning equipment will be on the 75th floor.

The antenna consists of two pairs of dipoles horizontally oriented parallel to the building surface, the dipoles being located above each other and about ½ wavelength apart. The structure is repeated on all four sides of the building. The audio antenna is of similar construction yet will possibly consist of only one set of dipoles in order to keep the power of the audio transmitter the same as that of the video and audio carriers to their respective radiators. All antennas will be electrically heated from inside and thermostatically controlled so that detuning due to ice formation will be prevented.

A coaxial cable will carry the video signals from the studio in Grand Central Terminal Building to the transmitter at the Chrysler Building.

The Grand Central Studio, which is 270 feet long and 60 feet wide, has a main control room on the east side of the studio running across practically the full width of the studio. There will be an adequate number of cameras and telecine channels for both film and studio programs.

W 6 X A O

LOS ANGELES-EST, 1931

FREQUENCY: Sight, 45.000 Kc. Sound, 54.000 Kc. POWER: Sight, 150 Watts; Sound, 150 Watts, OWNED AND OPERATED BY: Don Lee Broadcasting System. BUSINESS ADDRESS: Don Lee Bldg., Seventh & Bixel Sts. PHONE: VAndike 7111. STUDIO AND TRANSMITTER LOCATION: Same. TIME ON THE AIR: Nightly (except Sundays and holidays), Monday, 7:00 to 8:00 P.M.; Tuesday, 7:00 to 8:00 P.M.; Wednesday, 11:00 to 12:00 A.M. and 6:45 to 8:00 P.M.; Thursday, 7:00 to 8:00 P.M.; Friday, 6:45 to 8:00 P.M., and Saturday, 7:00 to 8:00 P.M. Other times experimentally, which are announced on regular schedules.

Personnel

Director of Television
Assistant Director of Television Wilbur E. Thorp
Television EngineerWilliam S. Klein
Television Engineer
Television ProducerJaime del Valle
Assistant ProducerElbert Walker
Lighting SupervisorLee M. Cannon
Sound Monitor ManRichard Brace
MakeupA. M. Haberman

FACILITIES

SYSTEM IN USE: High-definition cathode-ray. Film equipment for broadcasting newsreels, shorts, and test items.

Mosaic live-pickup camera equipment for studio pickup.

PATENTS: United States and foreign patents covering film and live pickup, amplification, scanning sources, synchronization, receivers and cathode-ray tubes of Harry R. Lubcke are used in the work. The methods and equipment of the Don Lee System, though of the present high-definition cathode-ray type, are considerably different from those of other television organizations. Within the past year the sale of several of the above patents has been made to another major television organization in the United States. License thereunder has been retained by the Don Lee Broadcasting System.

DEVELOPMENTS OF 1937-1938: "Vine Street." believed to be the first television serial, is televised twice weekly on Tuesdays and Fridays; since November 1, 1938.

"The Tramp," "Swell," "Fire Sale," fifteenminute plays written and produced especially for television have been given.

"Sports Bullseyes," a regular Mutual-Don Lee Broadcasting System program, has been televised twice weekly since June 3, 1938.

"Happy Homes" by Norma Young, with household demonstrations has been televised since July 6, 1938 on Wednesdays.

"The Television Trio," a swing ensemble, and numerous feminine vocal soloists have been consistently televised.

"U.S.C. on Parade," a University of Southern California program, written and produced by the members of the University especially for television is staged weekly on Thursdays, employs an average of twelve performers, and was started on November 10, 1938.

A clown act by "Jo-Jo" and his troupe is a weekly feature on Wednesday nights.

Hollywood commentators, including George Fisher of Mutual Broadcasting System, and others have been televised weekly.

News and strange fact commentators have been seen and heard nightly since June, 1938.

RECEIVERS: A few hundred receivers are estimated to be in operation in Los Angeles, Hollywood, Inglewood, West Hollywood, North Hollywood, Burbank, Glendale, Pasadena, Long Beach, and Pomona. The greatest distance of public reception is recorded at the city of Pomona which is thirty miles airline east of W6XAO and behind a range of hills. Three separately owned receivers are in operation in this city.

PUBLIC DEMONSTRATIONS: Public demonstrations of the Don Lee television transmissions are held weekly by an independent non-profit organization known as the Hollywood Television Society. The Don Lee public demonstrations, inaugurated in 1936, are currently held at intervals for small groups.

W2XVT

PASSAIC, N. J.-EST. 1938

FREQUENCY: 42.000 to 56.000 Mcs. POWER: 50 Watts (Sight and Sound). OWNED AND OPERATED BY: Allen B. DuMont Laboratories, Inc. BUSINESS ADDRESS: 2 Main Ave. STUDIO ADDRESS: Same. TRANSMITTER AND ANTENNA LOCATION: Same.

FACILITIES

The transmitter is being used to test out the features of the DuMont Television System which does away with the necessity of the standardization of the number of pictures per second or lines per picture. This system requires approximately one-half the frequency band over that required by conventional systems now in use. The features of this system are the transmission of the actual scanning voltages and their amplification at the receiver.

W 3 X P F SPRINGFIELD, PA.

FREQUENCY: 42000 to 56000 Kc. and 60000 to 86.000 Kc. POWER: Sight, 250 Watts; Sound, 1000 Watts. OWNED AND OPERATED BY: Farnsworth Television, Inc. BUSINESS AND STUDIO ADDRESS: Springfield, Pa. TRANSMITTER AND ANTENNA LOCATION: Same.

FACILITIES

A new type of television film projector was demonstrated in Philadelphia in March before a group which found pictures possessing contrast and definition. The Farnsworth innovation is a film projector of the continuous type rather than intermittent, which is in general use. Harry S. Bamford of the Farnsworth laboratory developed the projector.

Film travels at a constant speed through the new projector and the picture itself is focused on the cathode area of a dissector tube. Company executives link the projector with the high fidelity dissector tube and describe them as contributions "making it possible to reproduce film with a higher degree of excellence than is usually obtained."

The projector employs two lens disks to secure continuous projection. Each disk carries a total of 24 lenses and rotate in opposite directions. At any instant, however, two lenses are "active in conjunction with each other" due to overlapping.

W9XAL

KANSAS CITY, MO.—EST. 1932

FREQUENCY: Sight, 42000 to 56000 Kc. and 60000 to 86000 Kc.; Sound, same. POWER: Sight, 300 Watts; Sound, 150 Watts. OWNED AND OPERATED BY: First National Television

Inc. BUSINESS ADDRESS: 22nd floor, Fidelity Bldg., Ninth and Walnut Sts. STUDIO LOCATION: Same. TRANSMITTER LOCATION: 34th floor, Fidelity Bldg.

W 2 X B

ALBANY-EST. 1939

FREQUENCY: 60,000 to 86,000 Kc. POWER: Sight, 10,000 Watts; Sound, 3000 Watts. OWNED AND OPERATED BY: General Electric Co. BUSINESS, STUDIO, TRANSMITTER AND ANTENNA LOCATIONS: Albany. TIME ON THE AIR: No stated schedule.

FACILITIES

G.E. will use a system similar to the RCA-NBC equipment but contemplates several entirely new variations. This will include positive modulation so-called "waves-shaped" separation and synchronizing signals as contracted to amptitude separation. It is an allelectric system designed to produce a 411 line definition, 30 frames per second, 60 fields per second with an aspect ratio of 4 to 3. General Electric hopes to develop high power transmission at television frequencies and proper modulation of the television carrier signal. It also expects to improve vacuum tubes which will exhibit more favorable characteristics, develop wide band output coupling circuits without sacrificing plate efficiency and increase transmission fidelity by expanding the frequency range up to 4 megacycles. Simultaneous operation of stations at Albany and Bridgeport on the same frequency is expected to increase knowledge of diurnal and seasonal signal strength variations and determination of the amount of interference permissible, necessary geographic separation and effect of directional antennas.

This transmitter is expected upon completion to provide a high signal level to Albany, Troy and Schenectady.

Receivers: Two types of television receivers which have been developed by General Electric will be placed throughout the Schenectady-Albany-Troy area for experimental use. The G.E. receivers represent typical home units in the upper and lower price brackets. One, which is the more simple, is a table-model receiver with a cathode ray picture tube of five-inch diameter and includes the sound accompaniment. The second is of a more de luxe nature and employs a cathode-ray picture tube of twelve-inch diameter. It also includes the sound accompaniment.

Pictures are viewed in a mirror on the under surface of the lid, which is raised at an angle when viewing.

W1XA

BRIDGEPORT-EST, 1939

FREQUENCY: 60,000 to 86,000 Kc. POWER: Sight, 10,000 Watts; Sound, 3000 Watts. OWNED AND OPERATED BY: General Electric Co. BUSINESS, STUDIO, TRANSMITTER AND ANTENNA LOCATIONS: Bridgeport. TIME ON THE AIR: No stated schedule.

FACILITIES

This station will, on completion, serve as a locally controlled source of signal for the development of a satisfactory television receiving set. For further information concerning system used, facilities, etc., see information listed under W2XB, Albany, N. Y. (above).

W 2 X D - W 2 X H

SCHENECTADY—EST. 1939

FREQUENCY: 42,000 to 56,000 Kc. POWER: 40 Watts (Sight, only). OWNED AND OPERATED BY: General Electric Co. BUSINESS AND STUDIO ADDRESS: Schenectady, TRANSMITTER AND ANTENNA LOCATION: Indian Ladder, Heidelberg Hills, N. Y. TIME ON THE AIR: No stated schedule.

FACILITIES

These stations, on completion, will be used for the most part in connection with experimental work in the laboratory and to supplement the experimental public service television programs of the G.E.'s Albany and Bridgeport transmitters. One of the Schenectady transmitters will serve as a relay visual station to transmit programs from the studio to the transmitter on a sharply directive beam obviating the necessity of a coaxial cable. For further information concerning system used for these stations, facilities, etc., see information listed under W2XB, Albany, N. Y. (above).

W 1 X G

FREQUENCY: 42000 to 56000 Kc. and 60000 to 86.000 Kc. POWER: 500 Watts (visual). OWNED AND OPERATED BY: General Television Corp. BUSINESS ADDRESS: 70 Brookline Ave.

W 9 X A K

MANHATTAN, KANS.—EST. 1932

FREQUENCY: 2000 to 2100 Kc. POWER: 125 Watts, Sound and Sight. OWNED AND OPERATED BY: Kansas State College of Agriculture and Applied Science. BUSINESS ADDRESS: Department of Electrical Engineering Kansas State College. PHONE: 3-7182. STUDIO AND TRANSMITTER LOCATION: Same.

Personnel

W 2 X B S

NEW YORK CITY-EST. 1928

FREQUENCY: 42000 to 56000 Kc. and 60000 to 86000 Kc. POWER: Sight, 12000 Watts; Sound, 15000 Watts. OWNED AND OPERATED BY: National Broadcasting Co. BUSINESS ADDRESS: 30 Rockefeller Plaza. STUDIO ADDRESS: Same. TRANSMITTER LOCATION: Empire State Bldg. TIME ON THE AIR: Limited service after April 30, 1939.

Personnel

FACILITIES

This station uses the RCA television system. Broadcasts were experimental up to the present, having been made to a number of experimental receivers at the homes of NBC and RCA officials and technical personnel. With the introduction of limited service, it is believed that general interest will be spurred and that television cannot be considered entirely experimental; nevertheless NBC will continue further experimentation not only in its scheduled television broadcasts but also in connection with its research program.

Signals of this station have been satisfactorily received within a radius of approximately 60 miles.

Besides this station the National Broadcasting Co. has been granted a Construction Permit for W2XBT, mobile television station which is licensed to operate on 92,000 Kc. and from 175,000 to 180,000 Kc. with a power of 400 Vatts for sight transmission and 100 Watts for scund transmission.

HISTORY

Experimental television station W2XBS was originally installed at the RCA Technical and Test Laboratory, Van Cortlandt Park, New York City. The first construction permit was granted on April 4, 1928 and the first temporary license was issued in June, 1928. From time to time various station permits allowed television experimental transmission on 4800 Kc., 2300 to 3300 Kc., 2050 to 2150 Kc., 2000 to 2100 Kc. and 2100 to 2200 Kc. The first permanent license was issued on December 1, 1928 with an assigned frequency band of 2100 to 2200 Kc. In the latter part of 1928 the station was moved to the RCA Photophone Building, 411 Fifth Avenue. On June 27, 1930, it was moved to the Times Square Studio of the National Broadcasting Company, where on July 7, 1930 it passed from RCA to NBC management.

In 1931 NBC television was carried on from W2XBS's present location on the top of the Empire State Building.

During 1936 and 1937 NBC operated with the new high definition standards, demonstrating television to groups representing diverse interests, such as:

- a. Political
- b. Motion Picture
- c. Foreign (political and commercial)
- d. Press
- e. Advertisers (manufacturers)
- f. Advertising agencies
- g. Artists (talent and musicians)
- h. Naval and Military
- i. Educational
- j. Financiers, Bankers
- k. Retailers
- 1. Radio Station men
- m. Trade associations
- Institutional (4H Club, Atlanta School of Air winners, etc.)

The technical standards of transmission from W2XBS have been and are expected to continue to be those recommended by the Radio Manufacturers Association.

W3XE

PHILADELPHIA—EST, 1931

FREQUENCY: 42000 to 56000 Kc. and 60000 to 86000 Kc. POWER: Sight, 10000 Watts; Sound, 10000 Watts. OWNED AND OPERATED BY: Philos Radio & Television Corp. BUSINESS ADDRESS: Tioga and "C" Sts. STUDIO AND TRANSMITTER LOCATION: Same. TIME ON THE AIR: No stated schedule.

Personnel

Engineer in Charge.......Albert F. Murray

FACILITIES

This station uses the Philco Television System. Reception which is heard in the homes of the company's engineers has been reported from points 12 miles from the transmitter.

This station which is used for experimentation and research in connection with television development radiates signals in accordance with the proposed RMA Television Standards. It employs the newly developed modulation system and is operating in the 50-56 Mc. channel.

W3XP

PHILADELPHIA-EST, 1938

FREQUENCY: 204,000 to 210,000 Kc. POWER: 15 Watts (Sight and sound). OWNED AND OPERATED BY: Philoc Radio & Television Corp. BUSINESS ADDRESS: Tioga and "C" Sts. STUDIO ADDRESS: Same. TRANSMITTER AND ANTENNA LOCATION: Same. TIME ON THE AIR: No stated schedule.

Personnel

Engineer in Charge......Albert F. Murray

FACILITIES

This station uses the Philco transmission line modulation system. It is used principally for a survey in Philadelphia of the possibilities of broadcasting at frequencies above 200 Mcs. The transmitter radiates signals in accordance with the proposed RMA television standards.

W 9 **X G**

LAFAYETTE, IND.—EST. 1932

FREQUENCY: 2000 to 2100 Kc. POWER: 1500 Watts. OWNED AND OPERATED BY: Purdue University. BUSINESS ADDRESS: Electric Bldg., Purdue University. PHONES: 6475, 2917. TRANSMITTER LOCATION: West Lafayette. TIME ON THE AIR: Tuesday, at 7:30 P.M. Thursday, at 8:00 P.M.

Personnel

Head of School of Electrical Engineering

C. Francis Harding H. I. Heim

R. H. George

FACILITIES

This station uses a television system that has been developed at Purdue University.

W2XDR

LONG ISLAND CITY, N. Y.

FREQUENCY: 42000 to 56000 Kc. and 60000 to 86000 Kc. POWER: Sight, 1000 Watts; Sound, 500 Watts. OWNED AND OPERATED BY: Radio Pictures, Inc.

W 3 X A D

CAMDEN, N. J.—EST. 1931

FREQUENCY: 124000 to 130000 Kc. POW-ER: Sight, 500 Watts; Sound, 500 Watts. OWNED AND OPERATED BY: RCA Manufacturing Co. BUSINESS ADDRESS: RCA Frequency Bureau, 30 Rockefeller Plaza, New York City. TRANSMITTER LOCATION: Portable Laboratories in Camden, N. J. TIME ON THE AIR: No stated schedule.

FACILITIES

This station is an experimental portable unit and no one system is strictly adhered to; a complete description of the basic method used in transmission is given in the Proceeding of the Institute of Radio Engineers (Vol. 22, No. I, November, 1934).

Several experimental television receivers have been set up within a 2 or 3 mile radius for experimental purposes.

The frequency band occupied by this transmitter is 2.5 mc. on each side of the carrier. This band width is determined by measuring the overall frequency characteristics of the system.

W3XEP

CAMDEN, N. I.—EST. 1935

FREQUENCY: 42000 to 56000 Kc. and 60000 to 86000 Kc. POWER: Sight, 30000 Watts; Sound, 30000 Watts. OWNED AND OPERATED BY: RCA Manufacturing Co. BUSINESS ADDRESS: RCA Frequency Bureau, 30 Rockefeller Plaza, New York City. TRANSMITTER LOCATION: Camden, N. J. TIME ON THE AIR: No stated schedule.

FACILITIES

This station is experimental and no one system is strictly adhered to; a complete description of the basic method used in transmission is given in the Proceeding of the Institute of Radio Engineers (Vol. 22, No. 11, November, 1934).

Several experimental television receivers have been set up within 2 or 3 miles of each other. The receivers are a part of the equipment used in television research.

The frequency band occupied by the transmitter is 2.5 mc. on each side of the carrier.

W 1 O X X

PORTABLE—MOBILE

FREQUENCY: 42,000 to 56,000 Kc. and 60,000 to 86,000 Kc. POWER: Sight, 50 Watts: Sound, 50 Watts. OWNED AND OPERATED BY: RCA Mig. Co. TIME ON THE AIR: No stated schedule.

FACILITIES

This station is a portable unit used in conjunction with other television transmitter operated by the RCA Mfg. Co.

W9XK

IOWA CITY

FREQUENCY: 2000 to 2100 Kc. (Sight only). POWER: 100 Watts (Sight only). OWNED AND OPERATED BY: University of Iowa.

W9XUI

IOWA CITY

FREQUENCY: 42000 to 56000 Kc. and 60000 to 86,000 Kc. (Sight only). POWER: 100 Watts (Sight only). OWNED AND OPERATED BY: University of Iowa.

W 9 X Z V

CHICAGO, ILL.—EST. 1938

FREQUENCY: 42,000 to 56,000 Kc. and 60,000 to 86,000 Kc. POWER: 1000 Watts (Sight and Sound). OWNED AND OPERATED BY: Zenith Radio Corp. BUSINESS ADDRESS: 6001 Dickens Ave. PHONE: BErkshire 7500. STUDIO ADDRESS: Same. TRANSMITTER AND ANTENNA LOCATION: Same. TIME ON THE AIR: Experimental, no stated schedule.

EXPERIMENTAL FACSIMILE BROADCAST STATIONS

The term "facsimile broadcast station" means a station licensed to transmit images of still objects for record reception by the general public. Licenses are authorized on an experimental basis and no charge may be made for the transmission of programs.

	Call	Frequency	Power	
Licensee and Location	Letters	Kilocycles	Watts	Emission
Bamberger Broadcasting Service New York, N. Y	W2XUP	31600, 35600 38600, 41000	100	A2
The Evening News Association Detroit, Mich.	W8XTY	31600, 35600 38600, 41000	150	A2 & Special (C.P. only)
The Pulitzer Publishing Co. St. Louis, Mo	W9XZY	31600, 35600 38600, 41000	100	A2
Radio Air Service Corp. Cleveland, Ohio	.W8XE	31600, 35600 38600, 41000	50	A2
Radio Pictures, Inc. Long Island City, N. Y.	W2XR	1614, 2012, 2398, 23100, 41000 86000-400000	1000	A3 & A4
Sparks-Withington Co. Jackson, Mich.	W8XUF	31600, 35600 38600, 41000	100	A2
Star Times Publishing Co. St. Louis, Mo	W9XSP	31600, 35600 38600, 41000	100	A2
The Yankee Network, Inc. Sargents Purchase, N. H	WIXMX	41000	500	A2
W. G. H. Finch Laboratories, Inc.* New York, N. Y	. W2XBF	31600, 35600 38600, 41000	1000	A2, A3 & Special

^{*} Licensee is primarily a facsimile experimenter but, due to the fact that both voice and facsimile programs will be transmitted, the FCC classifies station as an Experimental Broadcast Station.

RADIO BROADCAST STATIONS GRANTED SPECIAL TEMPORARY EXPERIMENTAL AUTHORIZATIONS FOR TRANSMISSION OF FACSIMILE SIGNALS

Call		Frequency Kilocycles	Power Authorized Watts
Letters			
KFBK	McClatchy Broadcasting Co Sacramento, Calif.	. 1490	10000
KMJ	McClatchy Broadcasting Co Fresno, Calif.	. 580	1000
WBEN	WBEN, Inc	. 900	1000
WGN	WGN, Inc	. 720	50000
WHK	Radio Air Service Corp	. 1390	1000
WHO	Central Broadcasting Co	. 1000	50000
WLW	Crosley Radio Corp	. 700	50000
WOR	Bamberger Broadcasting Service	. 710	50000
WSM	National Life & Accident Insurance Co Nashville, Tenn.	. 650	50000

TELEVISION ABROAD

Foreign television in 1938 emerged from the laboratory and entered the studio with regular transmissions for public reception service. The result has been to bring closer to a listening and seeing public a new and potential force in educational and social life as well as the entertainment world.

ENGLAND

The year of 1938 marked the completion of one year of public television service in Great Britain. Discounting a large percentage of the published reports as extravagant or prejudiced, still it cannot be doubted that, as far as the public service television is concerned, England has made the most notable progress and led the world with the beginning of 1939. The official first anniversary of British public television service was celebrated on November 2, 1937. A more important date, however, was February 5, 1938, which marked one year's operation of telecasting under the accepted Marconi-E. M. I. system of television.

The British have made much progress in the television art during 1938. Upwards of 250 people were and are now engaged at Alexandra Palace (BBC television headquarters) in telecasting a minimum of two hours daily for general public reception and one additional hour for trade demonstration purposes. Beginning on April 3, Sunday programs lasting one hour were also introduced. The daily transmissions are regularly scheduled to last one hour: from 3 to 4 p.m. and from 9 to 10 p.m. These regular programs have extended more times than not, so that complete programs could be presented. The extension of the hourly schedules, although not official, has been due in part to pressure from manufacturers of receiving sets who have claimed that restricted hours of transmission have lessened the demand for sets.

Program Production

The British supremacy in television is admittedly on the program production side. Successful transmissions of both indoor and outdoor (special events) sub-

jects have been made during 1938. Mention may be made of the televising of the whole first act of a performance of "The Melody That Got Lost" which was playing at the time at the Phoenix Theater in London. In connection with this transmission all the stage property used at the theater for the play was transported to the studios at Alexandra Palace. Following this transmission, the BBC televised a Rugby football match for the first time (in March). Viewers were able to see the entire match. Three cameras were used for the television transmission; views of the whole field and also sections in close-up were shown on the screens of the receiving sets tuned to this program. Other successful telecasts during 1938 included the start of a river boat race by the BBC mobile unit, the Trooping of the Colour, tennis matches at Wimbledon, the world swimming championship, a cricket match, etc. These transmissions have been reported favorably not only by the British press but also foreign observers who are mostly of the opinion that great strides have been made by the BBC in television program technique (especially outdoors) despite the curtailed amount of money available for this experimentation. In addition to the above mentioned programs, the regular television schedule during 1938 has included talks, opera, dances, orchestral music. variety, etc.

Expansion of Studios

In connection with the activities of English television it was announced early in 1938 that the studios at Alexandra Palace were to be enlarged and provided with better furnishings. This work was started in June and when finished will afford the BBC with two studios with completely modern equipment and cameras. (The new studio is to be equipped with cameras of the new Emitron type which give sharper and clearer definition and more depth to the picture.)

The fact that British television experimentation is carried on with the use of public funds has caused demands from other parts of England (other than London) to be included in the benefits of television. At the present time studies are being made to make this possible by either the use of cabled service or by the establishing of individual stations in other centers of population.

At least 17 British companies are manufacturing television receivers. official statistics are available regarding the number of sets in use but in view of the limited area which can be effectively supplied with programs from Alexandra Palace and the relatively high cost of receiving sets it is thought that comparatively few are owned privately, the majority being in the hands of retailers for advertising purposes and hotels, bars, cafes and dance halls for the amusement of their patrons. Nevertheless it might be stated that of the reported figures of from 2,000 to over 10,000 sets, the larger figures is very likely the more reliable. The government has tried to give impetus to the sales of receiving sets by guaranteeing satisfactory reception from existing models for the next three years. Manufacturers are also assisting in attempting to increase the number of sets in use by their reductions of the prices for receivers. Prices have been reduced during the past year and sets are now selling for from 65 to 80 guineas as compared with prices of 120 to 195 guineas formerly. The General Electric, Ltd., has a set to be attached to a short wave receiver that retails for 35 guineas. The average size of the screen used in these receivers is approximately 8 by 12 inches depending on the price.

FRANCE

The most significant progress in French television during the past year has been the inauguration of daily service, two and one-half hours daily, from the world's most powerful television transmitter located atop the Eiffel Tower in Paris. This transmitter is operating with a power of 25,000 watts, which is more powerful than English, German or American television stations. The results, if reports are to be believed, justify the high wattage; signals of the Eiffel transmitter have been viewed at Brighton, England, 180 miles distant.

Television Companies

Little knowledge of actual progress in France has been forthcoming. It is

known, however, that three companies are actively engaged in television experimentation: (1) Compagnie des Compteurs (2) Gramont Compagnie (3) La Radio-Industrie. Practically all television in France at present employs mechanical scanning at the transmitter although some electronic scanning is being done in connection with laboratory work. Besides the Eiffel transmitter. the French Ministry of Posts, Telephones and Telegraphs completed during 1938 the construction of a special television studio in Paris which feeds its daily schedule through the use of a coaxial cable to the transmitter.

French television transmission for the general public is accomplished entirely by mechanical scanning, using a 180-line disc scanner and a transmission speed of 25 pictures per second, the direction of the scanning being from left to right, top to bottom. Nevertheless, various receiving sets in use are equipped with a cathode ray tube of the conventional type used in the electronic system and giving a picture approximately 5 by 7 inches on the fluorescent screen. Observers have reported that although flickers result because of the comparatively low scanning speed, the pictures are surprisingly clear considering that only 180 lines are used. Experiments use both direct pickup and film as television subjects. French technical workers are continuing to concentrate on increasing the technical limits of perfection in pictures, using a relatively small number of lines rather than attempting to increase the number of lines used for scanning. The one possible exception is the Gramont Co., which operates a 240-line scanning disc at its transmitter, using an interlaced system which transmits 25 pictures per second. Advertised prices for television receiving sets in France range from 995 francs to 1,825 francs, the latter price being for a deluxe model. Console sets run as high as 7.500 francs.

GERMANY

German experimental transmissions are being conducted from a transmitter on the Amerika-Haus in Berlin. Power used is between 15,000 and 20,000 watts, or approximately the same as the wattage used in London, which is rated at 17,000 watts. The definition in German experiments is very similar to that used in the United States, 441 lines and a frame frequency of 25 per second. Besides the Berlin transmitter, two other transmit-

ters are planned: one on the Brocken in central Germany and one in the Taunus Mountains in the west, all to be connected with co-axial cables. Studios are designed for six-camera operation.

Two companies are carrying on the television research: (1) Telefunken Co. (2) Fernseh Co. Laboratory experiments are being conducted with cathode ray tubes at both the transmitter and receiver. However, all public demonstrations are still based on mechanical scanning at the transmitter and a standard cathode receiving tube at the receiver. German experiments are highly developed as to refining the equipment at the transmission end by means of carefully ground disc scanners of the lens type. Great attention is placed on mechanical precision in the construction equipment.

Large Screen Reception

Experimentation in Germany during the past year has included a demonstration of enlarged television pictures. Fernseh A. G., which has a cross-licensing agreement with Farnsworth in U.S., demonstrated television reception on a screen 12 foot by 10 foot. German researchers have also attempted 700-line definition with the use of 26-inch cathode ray tubes in their efforts to gain television supremacy for their country. As far as general public reception is concerned, the cost of receivers have limited the public acceptance of television. The cost of receivers range between \$175 and \$1,000, with \$320 as an average. Some manufacturers claim to produce television receivers at less than 500 marks but purchase of such receivers is difficult.

The Post Office is in charge of television developments and is making constant experiments. Although extensive progress has been claimed, little of this has been reflected in either private receivers or transmissions, indicating that the reported progress is probably more in the field of military developments.

At the recent Radio Show table television sets were exhibited with a frame size of 17x20 cm., which are intended as supplementary apparatus to regular radio receivers. Small television sets have been developed which incorporate both television and sound or sound only. The frames in these are very small. There are also receivers projecting pictures on a screen by means of the "Braun'sche tube giving 40x50 cm. views. So far regular production of television sets has not been undertaken.

Public television service in Berlin was announced for October, 1938, but has been postponed indefinitely because of labor shortage and other considerations. The transmitter in these demonstrations is designed to operate on a frequency of 44 megacycles for pictures and 44.7 megacycles for sound. The "observing" studios are furnished with receiving sets that accommodate 8 to 10 people each; one room is fitted out with a larger screen which allows approximately 100 people to view television images simultaneously from any point in the room.

JAPAN

According to articles appearing in Tokyo newspapers in September, the Japan Broadcasting Association expects to begin public television broadcasts early this year, following the removal of JOAK to its new "Radio City" quarters. A television studio is being provided on the third floor of the new building and permission has been secured to erect a 328-foot experimental antenna, which will be second only to the 1,017-foot tower used for radio broadcasting at Kawa-guchi. The new antenna will be erected adjacent to JOAK's transmitter and aerial for sound broadcasting. In addition to this activity, a site for another antenna has been acquired next to the Association's television research laboratory and a large television studio is nearing completion at that point.

Preparations for preliminary experimental telecasts are already under way. A committee of experts has approved the use of the iconoscope, employing a cathode tube, instead of the mechanical scanning disc and has settled upon a standard of 441 scanning lines per unit, the same as used in experiments in the United States. Actual research is being carried on by a staff of men under Dr. Kenjiro Takayanagi, former professor at Hamamatsu Higher Technical School. Experimenters have made a concession in their demands for the use of a 20,000 watt transmitter and the first television broadcasts, according to latest plans, will employ 1,000 watts at the transmitter. Laboratory research workers of the Japan Broadcasting Association have already completed testing television street vans and the use of a mobile unit will undoubtedly play a large part in future experimentation. Possibility for chain broadcasting is also being considered through the use of coaxial cable especially designed for television transmission.

Use of Mobile Unit

Professor Takayanagi, whose work is being financed by the semi-official Japan

Broadcasting Association, places special emphasis on mobile telecasting and as early as 1937 has had equipped four automobiles for experimentation; one carries the iconoscope; another, the image transmitter; the third, a sound transmitter; and fourth, receiving apparatus. The first three cars can be rushed to the scene of the action to be transmitted, while the fourth car is free to travel to any location which is convenient for receiving. The mobile unit, according to Takayanagi, is useful for news reporting and also for purposes of entertainment. Success of public television in Japan as in other countries, is dependent on reducing the price of receiving sets to popular levels; the present teelvision receivers retail at 1.000 yen.

ITALY

With only a passing reference to those owning present-day receiving sets, the press in large headlines has proclaimed the early initiation of television transmission in Italy, asserting that the studio of E.I.A.R. is so complete that it is only necessary to give the finishing touches. The press also unhesitatingly stated that the equipment for the regular transmission of motion picture films is complete to the last detail: . . . "The entire transmission plant which consists of all equipment that is most up-to-date in the field of television" is actually being tested.

Continuing, the press reports that conservative estimates place the number of Italians who regularly follow the program (radio) of E.I.A.R. at 5,000,000. This figure, it is claimed, will be greatly increased when during the coming year the 50 television transmitting stations are installed.

The press is silent as to the use which the 50 television transmitting stations will be put and no indication is given as to how the service offered by such stations is to be utilized. Unless the present Italian receiving sets can be so adapted as to bring the new services into the homes of owners of such sets, the proposed 50 transmission stations will operate for a very favored few.

Inquiry at the leading dealers indicates that unless the unforseen takes place, television, as the practical result of the present experiments, will not be available to the masses for another 18 months. Transmission will be on a 5 meter band, and it is reported that enthusiasts will have to make an outlay of between 2,500 and 3,000 lire for a set

which will enable them to enjoy television, it being claimed that no addition or alteration to ordinary receiving sets can be made so that they may be used for televisions. Dealers are neither enthusiastic nor optimistic.

RUSSIA

Little news concerning television has been forthcoming from Russia. However, it is known that there is some television experimentation in the Soviet. Early in 1938 a successful test was made of a new television station in Moscow by showing, on a screen 14x19 centimeters, a band marching along a street; the sound of the band-music accompanied the picture.

The Moscow television center, begun in October, 1936, is equipped with transmitters and equipment of American manufacture; the studio has an area of 280 square meters and is brilliantly decorated. At present there are only 10 receiving sets in operation. Plans for placing receivers in clubs and homes have been made but stress at the present time is being placed on choice and types of transmitters. Evidence of this fact is found in a newspaper item which reported an experimental program in which images and sounds received on special recorders were sent out by 4 television transmitters, one of them of Soviet manufacture. Reception was reported as reasonably satisfactory.

NETHERLANDS

There is only one company engaged in Television experimentation in the Netherlands. That firm is known as the Philips Co. (Full name: N. V. Philips, Gloeilampenfrabicken, Einhoven).

Dutch experiments in television are largely based on the American system known as the RCA or Zworykin system which is available to Philips through their patent agreements. Scanning ranges from 180, 240, 360, 375 or 405 scanning lines. Present development allows the scanning of 25 pictures per second as well as the inter-laced system of scanning. Experiments are being carried on in the transmission of live talent as well as the use of film projection. Dr. Van der Polis directing the research in the Netherlands.

IMPROVEMENTS IN LIGHTING

By J. G. SALTZMAN

EXPERIMENTS in television lighting are being conducted by J. G. Saltzman, Inc., lighting equipment firm which has pioneered in many other improvements in the broad field of photographic lighting equipment. With the increased demand for better photographs, as evidenced by the large number of photographic magazines as well as the increased use of photos in general magazines, photographers have devoted increasing care to the selection of their lighting equipment.

The Saltzman firm has aided them considerably through its development of improved lighting equipment. A special type of enlarging machine as well as overhead vertical, counterbalanced and mobile lighting equipment have been notable advances in the field.

Special portable high power lamps for color work as well as portable counter-balanced camera stands have been other improvements that have marked the consistent advances of this firm. Experiments resulted in the Trans-Lux system of background lights. The firm has also made special equipment for the U. S. government as well as CBS and NBC's photographic studios and outstanding commercial photographers.

After marked success in these various phases of developing lighting equipment—usually built to individual orders—the lighting company is conducting extensive experiments in developing suitable television lighting apparatus. Lighting will be one of the vital factors in successful television. The firm is cooperating with General Electric and American Television Corp. engineers in developing this equipment.

Television's special lighting requirements, such as apparatus for shooting sport scenes, including boxing and wrestling, as well as other television material, will require utmost flexibility of equipment. It must be easy to handle and easy to operate in order that the television "eye" will catch all the important details necessary in furnishing good television programs. Slow-moving, cumbersome lighting equipment would be of little use. The Saltzman company's success in developing modern, easy-to-handle and accurate equipment for photographers is now being applied to television to aid this newest of industries to furnish outstanding entertainment.

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RADIO PRODUCTION DURING 1938

By

NORMAN S. WEISER

NINETEEN THIRTY-EIGHT, from a production viewpoint, was truly "radio's greatest year," surpassing anything in the history of broadcasting to date, and setting a high mark for the industry to shoot at during 1939. For the first time, the three major networks, CBS, MBS and NBC, exceeded the \$70,-000,000 mark in combined gross billings for a 12-month period. NBC, with its Red and Blue networks, also chalked up the highest single network billings of any one year by surpassing the \$40,000,-000 mark. Television lived up to advance notices, creating the greatest stir in the industry, and promising to become an actuality before 1939 has run its course.

Program production in Hollywood continued to flourish, with the wealth of "name" material available growing day by day. The Screen Actors Guild brought the closest alignment of motion pictures and radio into being when it entered the radio picture late in 1938 under the sponsorship of Gulf Oil, thereby making every actor, producer, writer and technician available for air appearances. CBS and NBC both completed construction of new radio centers in Los Angeles and held gala openings for all to view the new facilities that proved to be the acme in radio production and operation.

Networks continued their expansion programs insofar as the addition of affiliates was concerned. NBC added 25 outlets, bringing their total network to 168 stations; CBS, with 10 additions, brought its total number of affiliates to 117, and MBS, youngest of the three coast-to-coast chains, added 35 stations, including the entire Texas State Network, to bring its total number of affiliates to 110.

Unions became a recognized part of radio during the past year, affecting production from numerous different angles. The AFM concluded negotiations with radio stations, American Federation of Radio Artists concluded negotiations with the networks regarding the work of sustaining artists, then opened negotiations with the AAAA regarding artists appearances on commercial broadcasts, ACA held its annual convention in New York City, and announced that by the summer of 1939 more than 100 stations would be signed up. AGRAP continued to operate quietly and efficiently in behalf of the announcers and producers comprising its membership.

Perhaps the most noticeable cycle to come to radio during 1939 was the classical music series. Toscanini and the NBC Symphony proved to be a definite success, while CBS made plans to sell its New York Philharmonic series as a \$1,000,000 cooperatively sponsored show. Audience participation series also flourished, with "Information Please" and Kay Kyser's College pacing the field. Orson Welles made radio history with his realistic production of the "Men From Mars" broadcast over CBS, and the entire radio industry took a bow on its coverage of the European Crisis, the greatest mass production job in the history of broadcasting. Script shows maintained their huge listening audiences, and the usual demands to cut "blood and thunder" from the children's programs were heard throughout the year.

While the old adage, "there is always room for improvement" still holds true, as proven during the course of 1938, the broadcasting industry has already reached a high plane of perfection. Just what major developments will occur during 1939 no one can determine at this date, but one thing is certain, television will be on exhibition, to either rise or fall, by its actions during the ensuing year.

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MUTUAL-4:30 P. M. E.S.T.

Direction-Benton & Bowles

HER HONOR

NANCY JAMES

(KLEENEX) COLUMBIA—12:15 P. M. E.S.T. Direction—Lord & Thomas

Under the Direction and Supervision of WOLF ASSOCIATES, INC.

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RULES AND REGULATIONS OF FEDERAL COMMUNICATIONS COMMISSION REGARDING OPERATION OF RADIO BROADCAST STATIONS

GENERAL

Except Sundays, the licensee of each broadcast station shall maintain a minimum regular operating schedule of two-thirds of the hours that it is authorized to operate during each broadcast day, except that in an emergency when, due to causes beyond the control of the licensee, it becomes impossible to continue operating, the station may cease operation for a period of not to exceed 10 days, provided that the Commission and the inspector in charge shall be notified in writing immediately after the emergency develops.

If the minimum operating schedule herein required is not adhered to, the licensee may, after hearing, be required to share time with other stations, or be limited to operation during daytime or during

specified hours.

A licensee of an unlimited time station may operate the station on any schedule of hours during the broadcast day and the experimental period, provided the minimum regular schedule is maintained during the broadcast day.

Share-Time Stations

If the license of a sharing time station specifies the hours of operation, the schedule so specified shall be adhered to until otherwise ordered by the Commission.

If the licenses of sharing time stations do not specify hours of operation, the licensees shall endeavor to reach an agreement for a definite schedule of periods of time to be used by each. Such agreement shall be in writing and each licensee shall file the same in triplicate original with each application to the Commission for renewal of license. If and when such written agreements are properly filed in conformity with this order the file mark of the Commission will be affixed thereto, 1 copy will be retained by the Commission, 1 copy forwarded to the inspector in charge, and 1 copy returned to the licensee to be posted with the station license and considered as a part thereof. If the license specifies a proportionate time division, the agreement shall maintain this proportion. If no proportionate

time division is specified in the license, the licensees shall agree upon a division of time. Such division of time shall not include simultaneous operation of the stations unless specifically authorized by the terms of the license.

Departure from the regular operating schedule set forth in a time-sharing agreement will be permitted only in cases where an agreement to that effect is reduced to writing, is signed by the licensees of the stations affected thereby and filed in triplicate by each licensee with the Commission prior to the time of the proposed change. If time is of the essence, the actual departure in operating schedule may precede the actual filing of written agreement, provided appropriate notice is sent to the Commission and the inspector in charge.

If the licensees of sharing time stations are unable to agree on a division of time, the Commission shall be so notified by statement to that effect filed with application for renewal of license. Upon receipt of such statement the Commission will designate the application for a hearing, and, pending such hearing, the operating schedule previously adhered to shall

remain in full force and effect.

Limited Time Stations

If the licensee of a broadcast station is required to cease operation of the station at the time of sunset at some point within the United States, the license will specify the hour of the day during each month of the license period when operation of such station shall cease.

The licensee of a limited time station that is authorized to resume operation at the time the unlimited time station on the same frequency ceases operation, shall, with each application for renewal of license, file in triplicate a copy of his regular operating schedule, signed and approved by the licensee of the unlimited time station. Upon receipt of such operating schedule, properly executed, the Commission will affix its file mark, retain 1 copy, forward 1 copy to the inspector in charge, and return 1 copy to the licensee of the limited time station, who shall post it with the station license, and it shall be considered as a part thereof.

If the licensees of the limited time and

WILSON, POWELL and HAYWARD, Inc.

JAS. V. PEPPE, Gen. Mgr.

444 Madison Avenue New York City
ARTISTS' REPRESENTATIVES—RADIO PRODUCERS

Yes, indeed

ANYTHING CAN HAPPEN

The program with a personality

A listener says . . .

"There are two programs on the air that are no longer only entertainment... they are necessities of life. Yours is the first of these two. Long live the Anything Can Happen program."

A station manager says . . .

"Anything Can Happen is one of the most interesting programs we have on the air. That is not only my personal feeling, but it is also the reaction as shown by our listeners and sponsor."

WRITE FOR FURTHER DETAILS

HARRY MARTIN ENTERPRISES

360 N. Michigan Avenue Chicago, Illinois unlimited time stations are unable to agree upon a definite time for resumption of operation by the limited time station, the Commission shall be so notified by the licensee of the limited time station. After receipt of such statement the Commission will designate for hearing the applications of both stations for renewal of license, and pending the hearing the schedule previously adhered to shall remain in full force and effect.

Any broadcast station, other than a day or limited time station, that is licensed for operation part time on a channel on which the entire available broadcast time (i.e., the broadcast day) has not been designated for use in the same geographical area, may operate only during the hours specified in the license.

Material Term of License Violations

In all cases where a station licensee is required to prepare and file an operating schedule, any deviation or departure from such schedule, except as herein authorized, shall be considered as a violation of a material term of the license.

In all cases where specific hours of operation are fixed in the license any deviation or departure therefrom, except as authorized by the Commission, shall be considered as a violation of the material terms of the license.

Completion of Construction

Upon completion of construction of a broadcast station in exact accord with the terms of the construction permit, and prior to the filing of application for license, the permittee is authorized to test the equipment between the hours of 1 a.m. and 6 a.m., local standard time, for a period not to exceed 10 days: Provided, That the Commission and the inspector in charge are notified two days in advance of the beginning of such equipment tests: And provided further, That the Commission may cancel or change the period and, or date of the beginning of such authority as may appear to be in the public interest, convenience, and necessity.

When construction is completed in exact accord with the terms of the construction permit, and after an application for station license has been filed with the Commission, showing the transmitter to be in satisfactory operating condition, the permittee is authorized to conduct program tests in exact accord with the equipment, power, frequency, and hours of operation specified in the construction permit, for a period not to exceed 30 days: *Provided*, That the Commission

and the inspector in charge of the proper district are notified two days in advance of the beginning of such program tests: And provided further, That the Commission may cancel or change the period and, or date, of the beginning of such authority as may appear to be in the public interest, convenience and necessity.

Time Changes

If local time is changed from standard time to daylight-saving time at the location of all stations sharing time on the same frequency, the hours of operation of all such stations on that frequency shall be understood to refer to daylightsaving time, and not standard time, as long as daylight-saving time is observed. This provision shall govern when the time is changed by provision of law or general observance of daylight-saving time by the various communities, and when the time of operation of such stations is specified in the license or is mutually agreed upon by the licensees: Provided, however, That when the license specifies average time of sunset, local standard time shall be used.

Where the local time is not changed from standard time to daylight-saving time at the location of all stations sharing time on the same frequency, the hours of operation on this frequency shall be understood to have reference to standard time, and not daylight-saving time, unless said licensees mutually agree upon a new schedule which shall be effective only while daylight-saving time is observed at the location of some of these stations.

The time of operation of any broadcast station which does not share time with other stations on the same frequency shall be understood to have reference to local standard time unless modification of such license with respect to hours of operation is made by the Commission.

Station License

The station license shall be posted in a conspicuous place in the room in which the transmitter is located, and the license of the station operator shall be posted in a conspicuous place in a room occupied by the operator while on duty.

The licensee of each station shall keep a licensed operator or operators of the grade specified by the secretary of the Commission on duty during all periods of actual operation of the transmitter at the place where the transmitting equipment is located.

A licensed operator on duty and in

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HA. 6-5436

charge of the transmitter may, at the discretion of the licensee, be employed for additional operator's duties commensurate with the grade of operator's license which he holds.

Logs

The licensee of each broadcast station shall maintain program and operating logs and shall require entries to be made as follows:

A. Program

- a. An entry of the time each station and call announcement is made, with an indication of the type of announcement.
- b. An entry briefly describing each program broadcast, such as "music", "drama", "speech", etc., with the time of the beginning and ending. If a mechanical reproduction is used, that fact shall be noted, together with an indication whether announcement thereof was made. If a speech is made by a political candidate, the name and political affiliations of such speaker shall be entered.

B. Operating

- a. An entry of the time the station begins to supply power to the antenna, and the time it stops.
- b. An entry of the time the program begins and ends.
- c. An entry of each interruption to the carrier wave, its cause and duration.
- d. An entry of the following each 30 minutes:
 - (1) Operating constants of last radio stage (total plate current and plate voltage).
 - (2) Antenna current.
 - (3) Frequency check.
 - (4) Temperature of crystal control chamber.

Each log shall be kept by the person or persons competent to do so, having actual knowledge of the facts required, and who shall sign the log when starting duty and again when going off duty. The logs shall be made available upon request by authorized Government representatives.

The exact form of logs is not prescribed, but they shall be kept in an orderly manner, and in such detail that the information required is readily available. Key letters or abbreviations may be used if the explanation of each is given plainly in the log.

Call Letter Announcements

Each licensee of a broadcast station shall announce the call letters and location as frequently as practicable during the hours of operation, and in any event before or after each program being broadcast. In no event shall more than 30 minutes elapse between such announcements, and in so far as practicable these announcements shall be made on the hour and half hour. These requirements are waived when such announcements would interrupt a single consecutive speech; and in such cases the announcement of the call letters and location shall be made as soon as possible.

Mechanical Reproduction

Each broadcast program consisting of a mechanical reproduction, or a series of mechanical reproductions, shall be announced in the manner and to the extent set out below:

- A mechanical reproduction, or a series thereof, of longer duration than fifteen minutes, shall be identified by appropriate announcement at the beginning of the program, at each fifteen minute interval, and at the conclusion of the program; provided, however, that the identifying announcement at each fifteen minute interval is waived in case of a mechanical reproduction consisting of a single, continuous, uninterrupted speech, play, symphony, concert or operatic production of longer duration than fifteen minutes;
- A mechanical reproduction, or a series thereof, of a longer duration than five minutes and not in excess of fifteen minutes, shall be identified by an appropriate announcement at the beginning and end of the program;
- A single mechanical reproduction of a duration not in excess of five minutes, shall be identified by appropriate announcement immediately preceding the use thereof;
- 4. In case a mechanical reproduction is used for background music, sound effects, station identification, program identification (theme music of short duration), or identification of the sponsorship of the program proper, no announcement of the mechanical reproduction is required.
- 5. The exact form of the identifying announcement is not prescribed but the language shall be clear and in terms commonly used and understood by the listening public. The use of the applicable identifying words such as "a



THE 1940 RADIO ANNUAL IS NOW IN PREPARATION

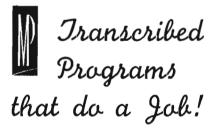




RADIO PRODUCTIONS



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30 Years' Merchan-dising and Publicity Service

GEORGE VANDEL

PRODUCER WRITER

> PRODUCER OF "SECRET AGENT K7 RETURNS"

HEFFELFINGER RADIO FEATURES 522 5th Ave., N. Y. C. VAn. 6-2450 record", "a recording", "a recorded program", "a mechanical reproduction", "a transcription", "an electrical transcription", will be considered sufficient to meet the requirements hereof. The identifying words shall accurately describe the type of mechanical reproduction used, i.e., where a transcription is used it shall be announced as a "transcription" or an "electrical transcription" and where a phonograph record is used it shall be announced as a "record" or a "recording".

Rebroadcast Programs

The licensee of any broadcast station. may, without authority of the Commission, rebroadcast a program of another broadcast station upon authority of the licensee of the station that originates the program: Provided, That no broadcast station shall rebroadcast a program of an experimental relay broadcast station or of any station operating in any other service without express authority of the Commission. The Commission will not consider any application for such authorization unless it is accompanied by the written consent of the originating station. (A licensee of an experimental relay broadcast station may authorize the rebroadcast of the programs of such station by any station outside the limits of the North American Continent without permission from the Commission. No licensee shall authorize any station within the limits of the North American Continent to rebroadcast the programs of an experimental relay broadcast station without express authority of the Commission, which authority will be granted only after a satisfactory showing that no wire or other facilities exist for reaching the area served by such propesed rebroadcast.)

Political Broadcasting

No station licensee is required to permit the use of its facilities by any legally qualified candidate for public office, but if any licensee shall permit any such candidate to use its facilities, it shall afford equal opportunities to all other such candidates for that office to use such facilities, provided that such licensee shall have no power of censorship over the material broadcast by any such candidate. The following definitions shall apply for the purpose of this rule: a. 'A legally qualified candidate' means any person who has met all the requirements prescribed by local, state or federal authority, as a candidate for the office

which he seeks, whether it be municipal, county, state or national, to be determined according to the applicable local laws. b. 'Other candidates for that office' means all other legally qualified candidates for the same public office.

The rates, if any, charged all such candidates for the ame office, shall be uniform and shall not be rebated by any means, directly or indirectly; no licensee shall make any discriminations in charges, practices, regulations, facilities or services for or in connection with service rendered pursuant to these rules, or make or give any preference to any candidate for public office or subject any such candidate to any prejudice or disadvantage: nor shall any licensee make any contract or other agreement which shall have the effect of permitting any legally qualified candidate for any public office to broadcast to the exclusion of other legally qualified candidates for the same public office.

Every licensee shall keep and permit public inspection of a complete record of all requests for broadcast time made by or on behalf of candidates for public office, together with an appropriate notation showing the disposition made by the licensee of such requests, and the charges made, if any, if request is granted.

Distress Signals

Any violation of this section of the act shall be sufficient grounds for the revocation or denial of a broadcast license. Each station licensee shall give absolute priority to radio communications or signals relating to ships or aircraft in distress, and shall cease transmitting upon such frequencies and at such times, when such transmissions may, in any way, interfere with the reception of radio distress signals or traffic relating thereto.

No station licensee shall resume operations until the need for distress traffic no longer exists, or it is determined that the station will not interfere with distress traffic as it is then being routed and the operation of the station shall again be discontinued if the routing of distress traffic is so changed that the station will interfere. The status of distress traffic may be ascertained by communication with Government and commercial stations. The Commission may hereafter require the licensees of certain stations to keep an effective continuous watch on the distress frequency, 500 kilocycles (410 kilocycles in the Great Lakes area).

TENSION IN NEW YORK

Actual Case History

Thanksgiving Eve, 1938... Major Network "On The Spot"... Client with new program needs listeners' coincidental check in Miami.Wants tabulated information Saturday morning. Network and agency find only Ross Federal has resident trained representatives enough to complete job on time. Saturday morning finds completed survey on executives' desk in New York Astonishing to the network executives. the speed of this survey was and is just every day work to Ross Federal. Within easy reach of every community, town, village and city, there are trained bonded representa tives ready to go into action at a moment's notice That explains why industry as a whole depends on Ross Federal studies for accurate research of consumer markets. Don't wait until the last minute to find out about this vast organization. Get in touch with a Ross Federal repre sentative today. He will tell you of the many ways you can profitably employ research in your business.

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TELEVISION PRODUCTION



By C. W. FARRIER

Television Coordinator of the National Broadcasting Company

AS TELEVISION inherited the microphone from radio, the camera from motion pictures and the actor from the stage, so television production requires a knowledge of production in radio, motion pictures and the theater. Yet, before it can claim general acceptance, it must be recognized as a unique and individual medium of entertainment. To do this, it must have a production technique of its own.

Although, in years to come, television may be to the radio what talking pictures are to the silents, for the present television will continue to lean heavily upon radio, not only for immediate financial support, but also for guidance in presenting entertainment without direct cost to its audience.

Tele Director

The extent to which television production is being developed from the three older mediums is personified in the television director. Encompassing the knowledge of the stage, movie and radio director, he must not only interpret the play to the audience through stage management; he must also be the central control and intelligence over all studio activities that contribute to a finished production on what is at present a 7½ by 10 inch screen.

When a script is being considered for television production, it is the director who, with the aid of the engineer in charge of studio operations, sketches a plan for the mechanics of production activity. The director confers with the scene designer; the director instructs the sight and sound men in preparing titles, miniature models and off-stage noises; the director chooses the cast, and finally it is he who correlates all parts into the finished production.

Three Phases

Following the traditional routine of the theater, the television director takes the first step of actual production by calling the cast together for discussion. Then he "walks" the play, timing each scene according to motivation and plot.

In the second phase of production, he rehearses cast and camera crew together. Until a few years ago, the bulk and im-

mobility of the television camera prevented the use of more than one on a set. Today three cameras are almost a necessity and, when more elaborate productions are undertaken, five cameras will not be uncommon. At NBC we use Camera No. 1 for long and dolly shots, Camera No. 2 for close-ups and Camera No. 3 interchangeably.

Like the motion picture director, the television director must be skilled in manipulating the camera. Pointless emphasis, a predominance of long shots over short ones, static images and poor composition are the result of slovenly camera direction. With skillful direction the transition from camera to camera, from long shot to close-up, is smooth, and the dramatic value of the scene is conveyed to the audience without the aid of sound.

In the third phase of production, the television director emulates the radio director by taking his place with the engineers in the control room.

There he can see his cast and crew at work, watch the players' images reflected on the monitoring screen and, by telephoning an assistant in the studio, correlate the production into its final form. This, of course, includes editing, which must be done during shooting; it can not be deliberated later in a cutting room.

Staging

The theory of television production by which every director is guided may be



Dancing, Singing and Dramatic School

A few of the lasting stars who were coached, directed and helped up "The Ladder of Fame" by Ladder of Fame" NED WAYBURN:

> Jeanette MacDonald Al Jolson Mae West Eddie Cantor Fannie Brice Fred Astaire Marion Davies
> Ed Wynn
> Grace Moore
> W. C. Fields
> Ina Claire Clifton Webb Charlotte Greenwood Harry Richman Norma Terris George Murphy Gertrude Niessen Georgie Tapps Patricia Ellis Hal Leroy Paulette Goddard Nick Long, Jr. Grace Bradley Keenan Wynn Cobina Wright, Jr. and hundreds of others.

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 - EVERY PHASE OF DRAMATIC ART.
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- (EXPERIMENTAL) THEATRE ON PREMISES.
- COMPLETELY EQUIPPED RADIO STUDIO WITH CONTROL ROOM.
- HOME STUDY COURSE IN STAGE DANCING.
 DANCE ROUTINES BY MAIL (BALLROOM
 AND STAGE).
- PROFESSIONAL AND SEMI-PROFESSIONAL TALENT.
- COSTUMES, SCENERY, ELECTRICAL EQUIP-MENT, PROPERTIES AVAILABLE ON RENTAL BASIS.

All instruction is given under the supervision of Ned Wayburn who staged and helped to create over 600 dramatic and musical productions here and in Europe, including fifteen years of ZIEGFELD SHOWS (ALL "SMASH" HITS). SEE "WHO'S WHO IN THE THEATRE" for part of his record as a Theatrical Producer.

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divided into three principles: conservation of time and space, continuity of motion and mobility of drama.

In the television play, as in the screen play, there are no intermissions during which to shift scenery; scene-shifting and editing must be accomplished by switching from one camera to another. Therefore the television director, to observe the first principle, must plan his sets so that all but the simplest can be built in advance and televised within the confines of a small studio.

In order to attain continuity of motion, the director of a television play inserts motion picture sequences, still pictures, scale models and titles in alternation with the live action in the studio. Thus, in its continuity, television most closely resembles sound broadcasting. The continuity of the stage drama can be broken, of course, by one or more intermissions; the continuity of motion pictures is only apparent, since shooting may have required weeks or months. But in television, drama once begun must progress steadily to climax and conclusion.

The television director also must realize that the third principle — mobility of drama—implies far more than the mobility to which we are accustomed in the theater or on the screen. Mobility is achieved on the stage by action. In motion pictures mobility may also be achieved through a diversification of camera shots. Television requires an amplification of both.

Television Films

Recently certain Hollywood companies have conferred with NBC in the preparation of a series of motion pictures for television broadcasting. The question naturally arises: How does motion picture technique as we know it differ from television technique?

Although television technique in its use of the camera is basically that developed by the motion picture, television must employ the dynamic principle of mobility more consistently and more intensively than it is now employed in screen plays.

In our experiments at Radio City with practically every type of commercial motion picture we found that none was entirely satisfactory for television production.

Designed as they were for large audiences, they relied for their appeal on the large audience's more prolonged reaction to emotion. But the small home audience emotional peaks are comparatively low. Hence, the tempo of films ideally suited for exhibition in a theater is far too slow for television.

Tele Mobility

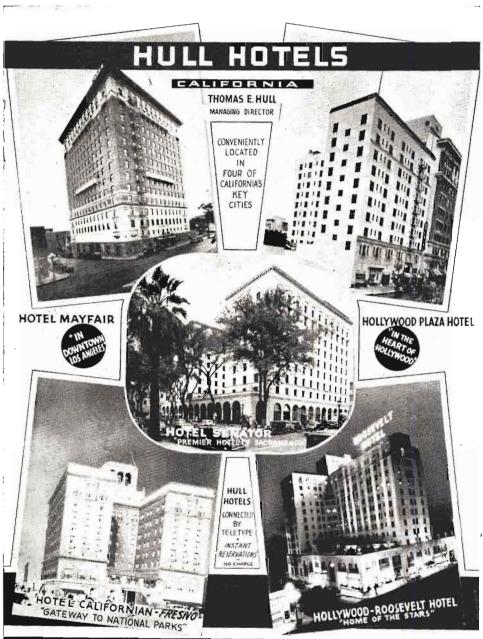
Realizing the necessity for television mobility, NBC maintains that, for the sake of good television production, a director seldom can afford to allow one scene to last longer than thirty seconds without cutting to another angle. Often there are as many as five camera changes within a minute. As an appeal to the eye is three to ten times more effective than an appeal to the ear, so the eye tires that much more quickly than the ear. illustrate: assume that Harpo Marx is playing for a television broadcast. The picture is varied by long and medium shots, close-ups of his facial expressions, a close-up of his fingers flying over the harp strings. These shots could be broadcast in little more than a minute; repetition would soon become monotonous. From this we can conclude that even a variety show, no matter how exhilaratingly paced for radio, would prove too slow for television.

One of the primary results of our experience in television porgramming has been to reduce the fifteen-minute unit of radio to ten minues. Ten minutes has been found adequate to express one idea in television, and to this extent—but only to this extent—have we borrowed timing from the motion picture. This does not mean that all television programs will be restricted to ten minutes; their length will depend on the complexity of the ideas to be dramatized.

Because of its close relationship, motion picture technique logically can be more easily adapted to television production than can radio technique. However, I do not believe that programs recorded on film, even if produced for broadcasting, will ever replace the live-talent drama. Rather the television show on film may be compared to the radio show on wax. The technique is there, but the spontaneity and timeliness are lacking.

Non-Competitive

In a word, then, television will compete artistically neither with the motion picture nor with the legitimate stage. Because of physical limitations, neither will it, for a decade to come, be able to command the nation-wide audience of sound broadcasting. It has borrowed heavily of production methods from the entertainment world, it is true, but before it can meet with public acceptance and approval its own standard of entertainment first must be developed. That is what we in television are trying to do, and at the present time we can not say how close we are to our goal. But until we have reached it, we must be the first to admit our indebtedness to the stage, the screen and the radio.



SETTING A NEW STANDARD FOR QUALITY & SERVICE

FEDERAL TRADE COMMISSION Review of COMMERCIAL CONTINUITIES

THROUGH its Radio and Periodical Division, the Federal Trade Commission reviews commercial radio broadcast continuities submitted by national and regional networks and producers of electrical transcription recordings. The procedure in handling continuities is discussed in another article concerning the activities of the Commission in the legal section of this volume.

In its examination of advertising, the Commission's only purpose is to prevent false and misleading representations. It does not undertake to dictate what an advertiser shall say, but rather indicates what he may not say under the law. Jurisdiction is limited to cases which have a public interest as distinguished from a mere private controversy, and which involve practices held to be unfair methods of competition or unfair or deceptive acts or practices in interstate commerce.

It is not the policy of the Commission to indicate its opinion, or give legal advice upon any assumed or given state of facts, but its findings, after full investigation and hearings, are expressed only in the manner provided by the statutes which it administers, and in the manner provided by its rules of practice and procedure adopted pursuant thereto.

The Federal Trade Commission receives many requests from radio stations and others for advice and information concerning certain advertisers and their products. In many cases, the Commission cannot give the information requested, either because the same or a like matter is under investigation for a future decision, or because the Commission is not fully advised of all the facts. and in view of the large volume of work arising in the regular course of its procedure requiring corrective action, it would obviously be impracticable for it to act as advertising counsel with respect to unpublished or prospective advertising.

Experience over 23 years with many thousands of advertisements in the entire field of trade, has enabled the Com-

mission and its staff to standardize, for their own guidance, some types of advertising commonly observed.

Types of Advertising Commonly Observed

Claims based upon false statements or misleading exaggerations.

Claims ambiguous in wording which may mislead.

Claims indirectly misrepresenting a product through distortion of detail.

Claims of an illogical nature and contrary to common sense.

Claims holding out the prospect of excessive profits or earnings.

Misleading price claims.

Contests of a dubious nature, and omission or concealment of any essential factor of a contest.

Lotteries and contests depending upon chance and lottery in their development.

Representing that various articles are given "free," i.e., creating a false impression that something additional is being given without charge, when in fact its cost is fully covered in the price of the main article advertised.

Statements tending to disparage competitors.

Pseudo-scientific claims which cannot be supported and assertions that distort the true meaning or application of statements made by accredited professional and scientific authorities; false advertisement of foods, drugs, devices or cosmetics where the use of the same may be injurious to health because of results from such use under the conditions prescribed in the advertisement, or from customary and usual use; also where the false advertising is with in-

No Radio Station can do without Dictograph

- Dictograph Telephone Systems are closely interwoven with the business life of the nation. For these reasons:
- Flip-Finger Action: No fiddling with dials—a flip of the finger and your connection is completed.
- Split-Second Contact: Heavy traffic at the switch-board can't slow you up—you contact the voice you want when you want it.
- Complete Privacy: Speaking of switch-boards, a Dictograph Telephone System "short-circuits" your chairman of the board, the operator. It's a completely effective cure for Office-Rumoritis.
- If Your Staff is More than You: A Dictograph Telephone System is just as necessary, just as practical in a two-room office as a honeycombed corporation. You'll realize the truth of this when you—
- Get the Facts! They're contained in Booklet 22 which bristles with practical reasons-why. Write for it today!

Dictograph Inter-Communicating Telephone Systems

THE ORIGINAL LOUD-SPEAKING TELEPHONE

A Division of Dictograph Products Co., Inc., 580 Fifth Ave., New York, N. Y.

Branches in Principal Cities

tent to defraud or mislead. Closely related to this group are direct and inferential claims of remedy, relief or cure when such claims are false. Testimonials are considered as a direct representation by the advertiser as to the truth of the contents thereof.

Only Commercial Announcements Required

Only the commercial portions of programs or continuities are required by the Federal Trade Commission for its review of advertising by radio broadcast.

The term "commercial" includes all announcements, statements or assertions tending to or intended to create a demand for or to induce the purchase of any article of commerce, whether such commercial script opens, is interspersed with, or concludes a program.

Those portions of a program are deemed non-commercial and copies are not required, which are of a purely entertaining, informative, civic or political, educational or religious nature. Examples of non-commercial script are music, addresses, lectures, political speeches, sermons, discussions of current events, etc.

The criterion of a commercial station is whether its broadcasting is paid for by some sponsor, either as a sales lead or otherwise. Those stations which do not charge for their broadcasting services, and do not advertise their owners' commodities for sale, have been listed as non-commercial and excused from reporting.

Copies of spot announcements by or for local merchants are desired, as these often refer to articles of commerce moved interstate; and, in any event, every radio broadcast or transmission of intelligence may be an interstate matter.

Whenever the commercial announcements appended to or given in connection with a transcription program (electrical or otherwise) are read or delivered by an announcer in a local station, copies of such announcements are to be reported.

Chain programs transmitted over networks are reported directly to the Commission by the network headquarters, and need not be reported by the individual stations, except in cases of originat-

ing key stations, supplying commercial programs for cooperative networks, which may not have established head-quarters.

Where commercial broadcasts are given extemporaneously, it is desired that typewritten reports be submitted of any portions construable as promotional sales effort, or likely to induce the purchase of commodities.

The Commission requests that an English translation be submitted for commercial continuities which were broadcast in any foreign language.

Only one copy of a commercial announcement need be reported, although same may have been broadcast several times during the 15-day specified broadcast period requested.

However, when continuity returns are rendered for subsequent Commission requests, additional copy should be submitted, even though some broadcasts may be identical to those rendered in response to a prior request.

Obviously, new Commission actions, orders and stipulations would require specimens of actual recent broadcasts in order to check for compliance.

No standard form of report is needed. The carbon copies sent in by the stations serve the purpose.

It is essential, however, and the Commission specifically requests, that the call letters of the station and also the date of the broadcast be printed, stamped or written upon each sheet of continuity submitted.

The name and address of the advertiser should also be indicated where it does not clearly appear.

Recent Amendments

New duties and responsibilities, as well as added powers, were conferred upon the Federal Trade Commission by the Wheeler-Lea amendment of March 21. 1938. Certain additional sections were added to the earlier Act, specifically applying to food, drugs, devices and These sections specifically cosmetics. make it unlawful for anyone to disseminate or cause to be disseminated, any false advertisement by the United States mails, or in commerce by any means for the purpose of inducing, or which is likely to induce, directly or indirectly, the purchase of such commodities. Such sections also make it unlawful to disseminate any false advertisement by any means for the purpose of inducing, or which is likely to induce, directly or indirectly the purchase in commerce of food, drugs, devices or cosmetics.

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A A Recording Studios

ATTENTION

"Advertisers, Advertising Agencies, Artists and Authors.

An accurate and authentic acetate account.

An accomplishment attaining absolute artistry, and audible, ages after actual airing.

Also auditions."

A. A. RECORDING STUDIOS

3543 BROADWAY, N. Y. C.

EDg. 4-7600

RECORDING STUDIOS

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PROGRAM PRODUCERS AND TRANSCRIPTIONS —

The following list of program producers and transcription firms was compiled by Radio Daily through questionnaires and personal contact. Producers of both live and recorded shows are included in the listing.

A. A. Recording Studios

3543 Broadway, New York, N. Y. Phone, EDgecombe 4-7600. President, Leslie C. Boyd; Vice-President, Richard J. Maher; Engineers: Fred Donals, Robert Ellis. SERVICES OFFERED: Recordings, transcriptions, studio or location air checks, audition records.

Advertisers Recording Service, Inc.

113 West 57th Street, New York, N. Y. Phone, CIrcle 6-6540. President, Jean V. Grombach; Treasurer, D. L. Provost. SERVICES OFFERED: Instantaneous direct cut acetate recordings.

Aerogram Corporation

1611 Cosmo St., Hollywood, Cal. Phone, Hillside 7211. General Manager, G. Curtis Bird. BRANCH OFFICE: 30 Rockefeller Plaza, New York, N. Y. Phone, CIrcle 7-0650. Manager, W. H. Voeller; Assistant Manager, Seymour Mann. REGIONAL REPRESENTATIVES: Jones & Hawley, 228 N. LaSalle St., Chicago, Ill. Phone, State 5096. F. R. Jones, A. V. Bamford, Jones & Hawley, 1635 E. 25th St., Cleveland, Ohio. Phone, Prospect 2922. Alonzo Hawley. SERVICES OFFERED: Transcribed programs built on order, transcribed syndicated programs, program merchandising, production, scripts, television film program sales representatives, air checks studio rental, all types of recording.

Air Features, Inc.

247 Park Ave., New York. Phone, Wickersham 2-0077.

Akers-Humphrey Productions, Inc.

1611 Cosmo St., Hollywood, Calif. Phone, Hillside 7211. President, Jerry Akers; Vice President, Albert P. Lapic; Sceretary, Malcolm Eagle; Treasurer, C. S. Humphrey. SERVICE OFFERED: Commercial transcriptions or live talent shows for agencies, stations or advertisers.

Alton Alexander

1270 Sixth Ave., New York, N. Y. Phone, CIrcle 7-4943. SERVICES OF-FERED: Production, scripts, direction of both live talent and transcribed programs.

All-Canada Radio Facilities Limited

305 Victory Bldg., Toronto, Ont., Canada. Phone, Elgin 2464. TRANSCRIPTION PERSONNEL: R. E. McGuire, M. A. McLean, F. W. Cannon. SERVICES OFFERED: Transcriptions.

Allied Phonograph & Record Mfg. Co.

1041 N. Las Palmas, Los Angeles, Calif. Phone, Hollywood 5107. President, L. I. Goldberg. SERVICES OFFERED: Phonograph records, electrical transcriptions, portable electric phonographs.

American Artists League

10622 Kimberley Ave., Cleveland, Ohio. Phone, Potomac 1718. President, Jerome Siegel; Manager, Frank Shuster. SER-VICES OFFERED: Serial scripts.

EMPIRE

Announces

"MONITROL"

(PAT. APPLIED FOR)

An entirely new and exclusive method of electrically transcribing radio programs.

Each "Monitrol" transcription contains:

Automatic peak level control,

Automatic monitoring,

Automatic equalization,

Aural turntable speed indicator.

Every radio station is equipped to use "Monitrol" electrical transcriptions.

EMPIRE BROADCASTING CORP.

480 Lexington Avenue

New York

American Foundation For the Blind, Inc.

15 West 16th St., New York, N. Y. Phone, CHelsea 3-2821. Chief Engineer, J. O. Kleber. SERVICES OFFERED: Recording of long-playing phonograph records of books and plays.

American Record Corp.

(A Subsidiary of the Columbia Broadcasting System)

1776 Broadway, New York, N. Y. Phone, CIrcle 5-7300. President, Edward Wallerstein. Associate Recording Director, J. H. Hammond, Jr., SUBSIDIARY COMPANIES: Brunswick Record Co., 215 West Ohio St., Chicago, Ill. Phone, Superior 5382. Manager, S. J. Hein; American Record Co. of Calif., 6624 Romaine St., Hollywood, Calif. Phone, Granite 4134. Manager, G. W. Yates. SERVICES OFFERED: Manufacture and distribution of home phonograph records.

Armand & L'Estelle

410 South Michigan Ave., Chicago, Ill. Phone, Harrison 3435. Owner-Manager, Estelle A. Lutz; Musical Director, Armand H. Buisseret. SERVICES OFFERED: Scripts, live talent, program production.

Associated Broadcasting Co., Ltd.

Hermant Bldg., Toronto, Ont., Canada. Phone, Elgin 3345. President, E. A. Byworth; Sales Manager, E. L. Weaver; Transcription Director, J. C. Tobin; Recording Engineer, A. S. Toby. BRANCH OFFICE: Dominion Square Bldg., Montreal, Que., Canada. Phone, Belair 3325. Vice-president, M. Maxwell; Secretary-Treasurer, W. A. Eversfield; French Director, J. O. Denis; Script Director, B. J. Gossman. SERVICES OFFERED: Scripts, casting, production, direction and recording (lateral cut acctate).

Associated Cinema Studios

1357 No. Gordon St., Hollywood, Cal. Phone, Hempstead 2131. Manager, Frank W. Parkett. SERVICES OF-FERED: Transcriptions, recordings, aircheck, production.

Associated Music Publishers, Inc.

25 West 45th St., New York, N. Y. Phone, Bryant 9-0847. President, M. E. Tompkins. SERVICES OFFERED: Transcriptions, library, production, scripts, recording facilities, both vertical and lateral.

Associated Radio Features, Inc.

540 N. Michigan Ave., Chicago, Ill. Phone, Superior 8636. President-General Manager, Stuart Haydon. SERV-ICES OFFERED: Custom-built shows, live and transcribed, talent, production.

Associated Radio Writers, Inc.

137 Newbury St., Boston, Mass. Phone, COMmonwealth 2385. President, Ralph L. Rogers; Treasurer, James A. Arne; Secretary, Marianne Berrie; Production Director, Allen R. Worley. SERVICES OFFERED: Script syndicate, live talent production and direction.

Associated Transcriptions of Hollywood

6604 Melrose Ave., Hollywood, Cal. Phone, Walnut 4736. Executives, Manager Thorus E. LaCroix. SERVICES OFFERED: Electrical Transcriptions, off-the air recordings, phonograph recordings, custom-built transcriptions, production, scripts, recording equipment, discs, etc.

Audio-Scriptions, Inc.

1619 Broadway, New York, N. Y. Phone, Circle 7-7690. Manager, Ezekiel Rabinowitz. SERVICES OFFERED: Recordings at the studio; "Clipping Bureau of the Air" (100,000 items available on 12 in. aluminum records).

Authors & Artists, Inc.

630 Fifth Ave., New York, N. Y. Phone, CIrcle 5-8133. President, A. Coster Schermerhorn; Vice-President, Norman H. White; Secretary-Treasurer, B. Robert Rodner. SERVICES OFFERED: Program ideas and production, scripts.

Ayers-Prescott

1270 Sixth Avenue, New York, N. Y. Phone, COlumbus 5-2482. Program Director, S. Kirby Ayers; Artists Bureau Manager, Robert J. Prescott; Production Director, Erich Don Pam. SERVICES OFFERED: Program production, talent.

Joseph M. Barnett

1270 Sixth Ave., New York, N. Y. Phone, COlumbus 5-3425. SERVICES OFFERED: Scripts, production.

COME ON WORLD!

IF YOU WANT: BETTER QUALITY TRANSCRIPTIONS

BETTER QUALITY "AIR CHECKS"

BETTER QUALITY LIVE SHOW IDEAS

BETTER SPOT RADIO PLANNING

BETTER DOLLAR VALUE

BETTER ALL ROUND SERVICE

Plus

15 Years Broadcasting Experience

BEAT A PATHWAY TO OUR DOOR

YOU CAN'T BUY HIGHER QUALITY *LATERAL*CUT TRANSCRIPTIONS ANYWHERE

IN FAIRNESS TO YOUR CLIENT, you should make no recording commitments until you have challenged our claims

TRANSCRIPTIONS, INC.

56 W. 45th St., New York

MUrray Hill 2-2103

N B. We are rapidly perfecting our vertical out recording and expect to be in a position to challenge all immers by March 1, 1939.

Baldwin Recording Studios, Inc.

17 West 46th St., New York, N. Y. Phone, BRyant 9-8592. President, C. Paul Baldwin; Secretary-Treasurer, Ernie Valle; Vice-President, Paul P. Wrigley. SERVICES OFFERED: Transcriptions; studio; remote control and off-the-air recordings; foreign language program transcription specialists.

Walter Biddick Co.

Chamber of Commerce Bldg., Los Angeles, Cal. Phone, Richmond 6184. Manager, Ted N. Turner. BRANCH OF-FICES: Exchange Bldg., Seattle, Wash. Phone, Main 6440. Russ Bldg., San Francisco, Cal. Phone, Sutter 5415. SERVICES OFFERED: Transcriptions, production, scripts, talent.

Joseph Bloom

19 West 44th St., New York, N. Y. Phone, VAnderbilt 3-8950. President, Joseph Bloom. SERVICES OFFERED: Program production.

E. V. Brinckerhoff & Co., Inc.

29 West 57th St., New York, N. Y. Phone, Plaza 3-3015. President, E. V. Brinckerhoff; Vice-President, E. P. Kampf; Secretary, F. V. Meeker. SER-VICES OFFERED: Complete electrical transcription services. Operate own recording studios.

Broadcast Producers of N. Y., Inc.

501 Madison Ave., New York, N. Y. Phone, Eldorado 5-9300. General Manager, George W. Dan Junas; Sales Manager, Louis Measam. SERVICES OFFERED: Dramatized 1-2-3 and 5 minute spot announcements; audition, off-the-air, custom and live show recording for spot advertisers; foreign language spots, domestic and abroad.

Broadcasters Mutual Transcription Service, Inc.

818 South Kingshighway Blvd., St. Louis, Mo. Phone, Franklin 2060. President, J. Frank Eschen; Vice-President, James M. Althouse; Secretary, E. H. Harmon; Treasurer, Charles E. Harrison. REPRESENTATIVES: Walter Biddick Co., 568 Chamber of Commerce

Bldg., Los Angeles, Calif.; Charles Michelson, 545 Fifth Ave., New York, N. Y.; Radioaids, Inc., 1041 North Las Palmas, Hollywood, Calif.; Organisacao "Mercurio" Caixa Postal 3133, Rio de Janeiro, Brazil; Broadcasting Programme Service, 12 Rue Able-Ferry, Paris, France. SERVICES OFFERED: Transcribed productions and scripts, talent, and program service.

Callahan Radio Programs

221 Markham Bldg., Los Angeles, Calif. Phone, Hollywood 3442. Production Manager, Robert E. Callahan; Business Manager, John L. Chandler. SERVICES OFFERED: Custom-made and ready-built transcribed and live talent programs.

Chase & Ludlam

30 Rockefeller Plaza. New York, N. Y. Phone, CIrcle 7-4366. Partners: Frank Chase and George Ludlam. SERVICES OFFERED: Scripts, program production of live talent and custom-built transcribed shows.

Champion Recording Corporation

17 West 60th St., New York, N. Y. Phone, Columbus 5-4445. President-Secretary, Joy J. Pierri; Vice-President, Joseph Victoria; Treasurer, Omar Champion. SERVICES OFFERED: Electrical transcriptions, off-the-air recordings, studio recording.

The Bruce Chapman Co.

145 West 41st St., New York, N. Y. Phone, Wisconsin 7-2179. President, Bruce Chapman. SERVICES OFFERED: Production, scripts.

Chicago Recording Studios

64 E. Jackson Blvd., Chicago, Ill. Phone, WEbster 7288. SERVICES OF-FERED: Recording, transcriptions, production.

Chicago Tribune-New York News Syndicate

220 East 42nd St., New York, N. Y. Phone, MUrray Hill 2-1234. General Manager, Arthur W. Crawford. BRANCH OFFICE: c-o Chicago Tribune, Tribune Tower, Chicago, Ill. SERVICES OFFERED: Newspaper features for radio production.

TRANSCRIPTION TECHNIQUE

HAVE YOU RECEIVED YOUR FREE COPY OF

"TRANSCRIPTION TIPS"?

EVERY MEMBER OF YOUR STAFF HANDLING TRANSCRIPTIONS SHOULD HAVE A COPY — WITH OUR COMPLIMENTS

This informative report covers Inside Facts, Ideas, Hints and Advice on getting the best results when making Transcriptions ... from matters of production to little known secrets of Sound Vibration—to proper care and usage of the Transcription itself.

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 Balancing Ideas ... Dramatic and Character Projection Principles
 ... Achieving Announcement Sincerity ... Tricks of Timing and
 Cuing for Unity of Impression ... Psychology of Sound Effects
 and Their Production ... Conducting and Analyzing Rehearsals and
 Dress Recordings ... Translating Scripts for Efficient Production
 ... Recording the Completed Show.
- 5—Secrets of Successful Arrangements for Transcription Auditioning . . . Matters of Playback Equipment, Needles, Handling, etc.
- 6—Uses of Transcription Libraries . . . Foreign Language Markets . . . Leasing Transcriptions . . . Sales Promotion and Industrial Recording . . . Air Trailers . . . Premium Records . . . Spot Testing . . . Care, Handling, Filing and Shipping Records.
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Originators of Dress Rehearsal and "Off the Air" Direct Recording.

Phone for our new low prices.

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BROADCAST PRODUCERS OF N. Y., Inc.

501 MADISON AVENUE, NEW YORK CITY

ELdorado 5-9300

Ted Collins Corporation

1819 Broadway, New York, N. Y. Phone, CIrcle 7-0094. President and Program Director, J. M. Collins; Director of Public Relations, William P. Maloney; Producer, Sylvan Taplinger; Musical Director, Jack Miller; Choral Director, Ted Straeter. SERVICES OFFERED. Program building and producing.

The Compo Company Limited

131 18th Ave., Lachine, Montreal, Canada. Phone, Dexter 0905. President, H. S. Berliner; Secretary-Treasurer and Manager, E. M. Kirke Boyd; Chief Engineer, S. Ste Eve. SERVICES OFFERED: Custom-built acetate recordings processed and pressed.

J. Ralph Corbett, Inc.

Carew Tower, Cincinnati, Ohio. Phone, Parkway 1463. President, J. Ralph Corbett. BRANCH OFFICES: 520 No. Michigan, Chicago, Ill. Phone, Delaware 3265; Graybar Bldg., New York, N. Y., Phone, MOhawk 4-4528. SERVICES OFFERED: Production, talent, merchandising and sale promotion service.

D'Arcy Laboratories

421 S. Wabash, Chicago, Ill. Phone, WEbster 0914. President, E. W. D'Arcy. SERVICES OFFERED: Transcriptions, recordings, mobile recordings, pick-up service, sound-effects.

Decca Records, Inc.

50 West 57th St., New York, N. Y. Phone, Columbus 5-5662. President, Jack Kapp; Vice-President and Sales Manager, E. F. Stevens, Jr.; Manager Transcription Division. C. D. MacKinnon. BRANCH OFFICES: Boston, Detroit, Kansas City, Philadelphia, Chicago, St. Louis, Cincinnati, Cleveland, St. Paul, Houston, Atlanta, Memphis, New Orleans, Dallas, Los Angeles, San Francisco and Seattle. SERVICE OFFERED: Custom-built electrical transcriptions, records.

Harry S. Dube

1270 Sixth Ave., New York, N. Y. Phone, COlumbus 5-7035. Manager, J. Knight. SERVICES OFFERED: Scripts, production, talent.

Earnshaw Radio Productions

443 Western Pacific Bldg., Los Angeles, Calif. President, Harry A. Earnshaw; Secretary-Treasurer, H. L. Earnshaw; Vice-President and Sales Manager, Fenton W. Earnshaw. BRANCH OF-FICES: 545 Fifth Ave., New York, N. Y. Phone, MUrray Hill 2-3376. Manager, Charles Michelson; Fisher Bldg., Detroit, Mich. Manager, Arthur W. Sutton; 171 McDermott Ave., Winnipeg, Canada. SERVICES OFFERED: Custom Built transcribed or live shows, transcribed and live features for local, regional and national release. Script service for sponsors.

Eccles Disc Recordings

6233 Hollywood Blvd., Hollywood, Calif. Phone, Hillside 5257. Owner, Conroy Douglass; Manager, C. R. Alford. SERVICES OFFERED: Transcriptions, air check recordings.

Electro-Vox Recording Studios

5546 Melrose Ave., Hollywood, Cal. Owner and Manager, Bert B. Gottschalk. SERVICES OFFERED: "Air-Chek" service; recordings, electrical transcriptions, recording equipment.

W. M. Ellsworth

75 East Wacker Drive, Chicago, Ill. Phone, Central 0942. President, W. M. Ellsworth. SERVICES OFFERED: Transcriptions, Custom Jobs.

Empire Broadcasting Corporation

480 Lexington Ave., New York, N. Y. Phone, PLaza 8-3360. President-Treasurer, Gerald A. Kelleher; Vice-President in Charge of Sales, George Podeyn; Vice-President and Chief Engineer, Eugene L. Bresson; Vice-President, William Hall; Secretary, William Hanley; Assistant Secretary, J. Howard Capron. SERVICES OFFERED: Syndicated transcribed programs, custom-built transcriptions, production, scripts, talent and complete recording facilities.

Fanchon & Marco

30 Rockefeller Plaza, New York, N. Y. Phone, Circle 7-5630. Radio Director, Samuel Shayon; Publicity, Dorothy Haas. SERVICES OFFERED: Production, talent.



Program
Producers
Everywhere
READ
RADIO DAILY
Regularly



RADIO PRODUCTIONS

COMPLETE MUSICAL, VARIETY

AND LEGITIMATE LIVE AND

TRANSCRIBED PROGRAMS

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NEW YORK CITY

BLANK DISCS & SUPPLIES

For Recording of

SPEECH and MUSIC

We are favored with the patronage of many colleges, universities, co-operative stores, broadcasting stations, police departments, recording studios, and departments of the Federal, State and City Governments.

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EVERYTHING RELATING TO RECORDING AND TRANSCRIPTIONS

Oldest Recording Studios in Washington

UNITED STATES RECORDING CO.

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President

712 - 11th St., N.W. Washington, D. C.

Presto Distributors and Technical Representatives for Md., Va. and D. C. — Recording Supplies

Federal Transcribed Programs, Inc.

101 Park Ave., New York, N. Y. Phone, CAledonia 5-7530. SERVICES OFFERED: Transcription service to order, off-the-air recordings, off-the-line recordings, audition recordings, transcribed programs.

Fields Brothers Radio Corporation

(Roger Laswell Corp.)

515-517 Equitable Bldg., Hollywood, Calif. Phone, Hollywood 7305. President, Leo Fields; Executive Vice-President, Harry David Fields; Secretary, E. B. Hazelton. SERVICES OFFERED: Producers of custom-built radio shows, live and transcribed.

Irving Fogel & Associates

1041 N. Las Palmas, Hollywood, Calif. Phone, Hollywood 5107. President, Irving Fogel; Vice-President, M. B. Grabhorn. REPRESENTATIVES: D. S. Grow, 100 Adelaide St., W., Toronto, Ont., Canada; M. M. Pitcher, 127 Seventh Ave., E. Calgary, Alberta, Canada; Herbert Rosen, 12, Rue Abel Ferry, Paris, France. SERVICES OFFERED: Production of live and transcribed radio presentations, foreign syndication of radio scripts.

Frankay Recording Studios

156 West 44th St., New York, N. Y. Phone, Longacre 5-0242. SERVICES OFFERED: Transcription, off-the-air recordings.

Gags, Inc.

48 West 48th St., New York, N. Y. Phone, BRyant 9-0919. General Manager, Murray T. Bloom. SERVICES OFFERED: Scripts, program material.

General Broadcasting System

500 Buhl Bldg., Detroit, Mich. Phone, Cherry 0400. President, Donald C. Jones; Sales Manager, Raymond C. Leonard; Program Director, Richard Borden. BRANCH OFFICE: Buckley Bldg., Cleveland, Ohio. Phone, Prospect 4735. SERVICES OFFERED: Custom-built transcriptions, production, script, recording, talent.

Ghostwriters Bureau

17 East 49th St., New York, N. Y. Phone, Wickersham 2-8996. Director, Fred Baer. SERVICES OFFERED: Writing service.

Harry S. Goodman Advertising Agency

420 Madison Ave., New York, N. Y. Phone, WI. 2-3338. BRANCH OFFICE: 134 N. La Salle St., Chicago, Ill. Phone, Randolph 5263. Manager, H. Knuth. SERVICES OFFERED: Program production for live talent and transcribed shows.

Max Graf Productions

1040 Geary St., San Francisco, Calif. Phone, Ordway 3671. General Manager, Max Graf. REPRESENTATIVES: Press-Radio Features Inc., 360 N. Michigan Avc., Chicago. Phone, Randolph 9333. Paul Weichelt. SERVICES OFFERED: Special transcriptions syndicated features.

Jean V. Grombach, Inc.

113 West 57th St., New York, N. Y. Phone, CIrcle 6-6540. President, Jean V. Grombach; Treasurer, D. L. Provost; Chief Recording Engineer, Chet Boggs; Chief Control Engineer, Harold Chapman; Sales Manager, Frank McDonnell. REPRESENTATIVES: 8 Newberry St., Boston, Mass. Manager, James Murley, 6200 Franklin Ave., Los Angeles, Cal. Manager, Emil Seidel, 50 New Bond St., London, England, Manager, Leslie Kettles. Rue de Lorette, Paris, France. Manager, Andre Oulmann. SERVICES OFFERED: Production, recording, manufacture and distribution of electrical transcriptions, wax recordings for rebroadcast purposes.

Grombach Productions, Inc.

113 West 57th Street, New York, N. Y. Phone, Circle 6-6540. President, Jean V. Grombach; Treasurer, D. L. Provost; Senior Production Director, Ted Sills; Assistant Director, M. Kearney. REPRESENTATIVES: 8 Newberry St., Boston, Mass. Manager, James Murley. 6200 ranklin St., Los Angeles, Cal. Manager, Emil Seidel. 50 New Bond Street, London, England. Manager, Les-Rue de Lorette. Paris. Kettles. Oulmann. Manager Andre SERVICES OFFERED: Program Creation and Production, Scripts, Direction, Casting, for live talent and transcribed shows.

Grow & Pitcher Broadcasting Agencies

100 Adelaide St., West, Toronto, Ont., Canada. Phone, Waverly 2036 and 2846. General Manager, D. Spencer Grow; Vice President, Stewart L. Grow; Sales Manager, Claude Bissell; Transcription Supervisor, David Fenn. BRANCH OFFICE: 127 Seventh Ave., East, Calgary, Alberta, Canada. Morgan H. Pitcher, Western Manager. SERVICES OFFERED: Custom - built transcriptions, syndicated transcriptions, studio recordings, air checks, production, talent.

Guild Productions, Inc.

3910 Carnegie Ave., Cleveland, Ohio. Phone, HEnderson 3320. President, William A. D. Millson; General Manager, F. Reynolds; Sales Manager, E. F. Taggert; Recording Director, J. K. Vaughan. SERVICES OFFERED: Production of Recorded and Live Talent Programs, Scripts, Talent, Recording Service.

Sam Hammer Radio Productions

2 West 45th St., New York, N. Y. Phone, MUrray Hill 2-0174. Owner, Sam Hammer; Vice President in Charge of Production, Floyd Buckley; Vice President in Charge of Script Department, Augustus Barrat; Women's Program Director, Eve VeVerka; Secretary and Recording Manager, Jose Yovin; Treasurer, C. F. Comly. SERVICE OFFERED: Program Production.

Ted Hammerstein

1564 Broadway, New York, N. Y. Phone, LOngacre 5-9609. SERVICES OFFERED: Program production.

Hansen Associates

420 Lexington Ave., New York, N. Y. Phone, LExington 2-5457. General Manager, Robert R. Hansen; Business Manager, Harry P. R. Hansen. SERVICES OFFERED: Transcribed features, scripts, production, live and transcribed.

Harris Radio Productions

1014 First National Bank Bldg., Salt Lake City, Utah. Phone, Wasatch 1373. R. T. Harris, R. L. Brainard. SERV-ICES OFFERED: Prepared programs.

Sam Hayes

2001 Garth Ave., Los Angeles, Calif. Phone, GRanite 5191. SERVICES OF-FERED: Production of radio commentator programs, scripts.

Heffelfinger Radio Productions

522 Fifth Ave., New York, N. Y. Phone, MUrray Hill 2-1379. Manager Radio Division, C. H. Pearson; Production Manager, Gene Stafford; Program Producer, George Vandel. BRANCH OFFICE: 924 Second Ave., S., Minneapolish, Minn. Phone. Bridgeport 4730. SERVICES OFFERED: Production of live and transcribed programs.

Hispano Broadcasting Co.

100 E. First St., Los Angeles, Calif. Phone, MIchigan 4433. Manager, Tony Sein. SERVICES OFFERED: Spanish programs, live and transcribed.

Hollywood Radio Productions

729 N. Western Ave., Hollywood, Calif. Phone, GRanite 6790. General Manager, E. R. Hood; Assistant Manager, C. C. McDonald; Secretary-Treasurer, Caroline Olsen. SERVICES OFFERED: Production of live and transcribed programs, scripts.

Hollywood Recording Co.

Cinema Bldg., 1731 North Highland Ave., Hollywood, Calif. Phone, Hillside 3097, GLadstone 2191. President, John Hirsch; Associate Recording, Harry Smith. SERVICES OFFERED: Line check and off-the-air recordings, transcriptions, production.

Hollywood Transcript Co.

1558 Vine St., Hollywood, Calif. Phone, Hollywood 7734. President, Daniel O'Brien; Sales Manager, Maurice Ford; Production Manager, Paul Kahl. SERV-ICES OFFERED: Records, airchecks, electrical transciption programs, live talent, program production.

Intercontinental Audio-Video Corp.

9 Rockefeller Plaza, New York, N. Y. Phone, CIrcle 7-4560. President, Mark H. Hawley; Secretary-Treasurer, Winton L. Miller, Jr. SERVICES OFFERED: Electrical transcriptions of programs and spot announcements, auditions, program production.

Archdale Jones

342 Madison Ave., Suite 342, New York, N. Y. Phone, MUrray Hill 6-3240. Producer and Director, Archdale J. Jones; Associate Producer, Viola Burgess. SERVICES OFFERED: Creation and production of programs, live and transcribed.

Archie Josephson Enterprises, Inc.

6624 Romaine St., Hollywood, Calif. Phone, GRanite 4134. President-General Manager, Archie Josephson. SERV-ICES OFFERED: Transcribed programs.

Kasper-Gordon Studios, Inc.

140 Boylston St., Boston, Mass. Phone, Devonshire 7357. President and Production Manager, Edwin H. Kasper; Treasurer and Director of Commercial Dept., Aaron S. Bloom; Manager, Robert W. Graham; Recording Manager, E. N. Buzzell. SERVICES OFFERED: Custom Built Transcriptions, Syndicated Transcriptions, Studio Recordings, Air-Checks, Program production and talent.

Jesse L. Kaufman, Inc.

22 West 48th St., New York, N. Y. Phone, PEnnsylvania 6-2409. President, Jesse L. Kaufman; Production Manager, Charles A. Schenck, Jr.; Musical Director, William F. Wirges. SERVICES OFFERED: Program production.

James B. Keysor Co., Inc.

57 Richards St., Salt Lake City, Utah. Phone, Wasatch 2552. President, J. B. Keysor. SERVICES OFFERED: Transcriptions, recordings.

Lang-Worth Feature Programs, Inc. and Langlois & Wentworth, Inc.

420 Madison Ave., New York, N. Y. Phone, Eldorado 5-1620. R. C. Wentworth; C. O. Langlois; Neal Hopkins; W. O'Keefe. SERVICES OFFERED: Program Library, Five minutes transcribed programs and one-minute transcribed shows for sponsors.

Leading Attractions, Inc.

519 Madison Ave., New York, N. Y. Phone, PLaza 3-8093. Director and Pro-

duction, Aaron B. Steiner. SERVICES OFFERED: Production of live talent and transcribed programs.

Lippe & Lazarus Productions

364 South Cloverdale Ave., Hollywood, Calif. Phone, York 2901. General Manager, M. M. Lippe. SERVICES OF-FERED: Transcriptions, custom-built programs, scripts, talent.

Phillips H. Lord, Inc.

501 Madison Ave., New York, N. Y. Phone, WIckersham 2-2211. President, Phillips H. Lord. SERVICES OFFERED: Production of live talent programs.

C. P. MacGregor

729 So. Western Ave., Hollywood, Calif. Phone, Fitzroy 4191. President, C. P. MacGregor; M. J. Mara. SER-VICES OFFERED: Musical and Dramatic library, transcriptions.

Harry Martin Enterprises

360 N. Michigan Ave., Chicago, Ill. Phone, Randolph 3842. President, Harry Martin. SERVICES OFFERED: Program production, scripts, transcriptions, script exchange.

R. U. McIntosh and Associates, Inc.

10558 Camarillo St., N. Hollywood, Calif. Phone, STanley 7-1035. President, R. U. McIntosh; Vice-President, Agnetta Peterson; Secretary-Treasurer, M. M. McIntosh. REPRESENTATIVES: Clifford Ogden, 1629 C St., Lincoln, Nebr.; William Carlson, 128 N. Gardiner Ave., Rockford, Ill.; Thomas H. Blanton, Fabens, Texas. SERVICES OFFERED: Transcriptions, production of programs and recordings.

Mertens & Price, Inc.

3923 W. Sixth St., Los Angeles, Calif. Phone, Drexel 1118. President, Fred C. Mertens; Secretary-Treasurer, George Logan Price; Service Manager, B. M. Fink. REPRESENTATIVES: Charles Michelson, 545 Fifth Ave., New York, N. Y. Phone, MUrray Hill 2-3376; Harold S. Chamberlain & Associates, 681 Endicott Bldg., St. Paul, Minn. Phone, Garfield 4895; C. N. Mullican Co.,

Realty Bldg., Louisville, Ky. Phone, Jackson 5834; All-Canada Broadcasting System, Calgary, Alberta; All-Canada Broadcasting System, Winnipeg, Canada; All-Canada Broadcasting System, Victory Bldg., Toronto, Ontario; 923 Dominion Square Bldg., Montreal; Adyar House, 29 Bligh St., Sydney, Australia; 12 Rue Abel-Ferry, Paris, France. SERVICES OFFERED: Transcribed programs, custom-built transcribed or live shows, script service, talent service, merchandising and copy service.

Metropolitan Broadcasting Service Limited

MacLean Tower Bldg., Toronto, Ont., Canada. Phone, Adelaide 0393. President, Ken Soble; General Manager, A. A. Shaberman; Sales Manager, Paul Morris; Program Director, "Doc" Lindsey. SERVICES OFFERED: Program production, talent.

Charles Michelson

545 Fifth Ave., New York, N. Y. Phone, Murray Hill 2-3376. President, Charles Michelson. Representative for: Speedy-Q Sound Effect Records, Earnshaw Radio Production. SERVICES OFFERED: Transcribed program representative, sound effect record library, portable transcription playback machines.

Michelson & Sternberg, Inc.

116 Broad St., New York, N. Y. Phone, BOwling Green 9-8925. President, A. Michelson. SERVICES OFFERED: Transcription exporters.

Mid-West Recordings, Inc.

24 South 7th St., Minneapolis, Minn. Phone, At. 4461. President, H. D. Field; Secretary-General Manager, L. M. Knopp; Treasurer, D. E. Field; Chief Recording Engineer, K. L. Seuker. SERVICES OFFERED: Custom built programs, complete transcription service, programs, scripts, talent, production, syndicated programs.

George Miller Productions, Inc.

1456 Penobscot Bldg., Detroit, Mich. Phone, Cadillac 2604. President, George Miller. SERVICES OFFERED: Production of programs, live and transcribed.

Raymond R. Morgan Co.

6362 Hollywood Blvd., Hollywood, Cal. Phone, Hempstead 4194. President, Ray mond E. Morgan; Manager, R. E. Messer. SERVICES OFFERED: Production, transcriptions.

Music Corporation of America

745 Fifth Ave., New York, N. Y. Phone, Wickersham 2-8900. Executive Vice-President, William R. Goodheart; Vice-President, David A. Werblin; Vice-President, Willard Alexander; Vice-President-Radio Director, Harold Hackett. BRANCH OFFICES: 430 N. Michigan Ave., Chicago, Ill. Phone, Delaware 1100. Manager, Charles Miller; Vice-President, W. H. Stein; 9730 Burton Way, Beverly Hills, Calif. Phone, Bradshaw 23211. President, J. C. Stein, Manager, Taft Schreiber, In Charge of Radio, Walter Johnson; 111 Sutter St., San Francisco, Calif. Phone, Exbrook 8922. Manager, Lyle Thayer; Union Commerce Bldg., Cleveland, Ohio. Phone, Cherry 6010. Manager, DeArv G. Barton; Tower Petroleum Bldg., Dallas, Texas. Phone, 2-1448. Manager, Norman Steppe; 918 Rhodes Haverty Bldg., Atlanta, Ga. Manager, George Walker; 16 Old Bond Street, London, England. Phone, Regent 6506. Manager, Earl Bailey. SERVICES OFFERED: Production, talent.

Robert S. Nash Co.

5437 Lisette Ave., St. Louis, Mo. Phone, Flanders 4758. President, Robert S. Nash. SERVICES OFFERED: Transcriptions.

National Broadcasting Company Electrical Transcription Service

Radio City, New York, N. Y. Phone, Circle 7-8300. Manager, C. Lloyd Egner; Assistant Manager, Frank E. Chizzini; Production Manager, Reginald Thomas. BRANCH OFFICE: Merchandisc Mart, Chicago, Ill. Phone, Superior 8300. Manager, Maurice Wetzel. SERVICES OFFERED: NBC Thesaurus Program Library, custom built programs, simultaneous recordings of network and studio programs, recording service for clients and agencies, syndicated recorded programs, reference or audition recordings.

National Radio Advertising Agency

Hollywood Center Bldg., Hollywood, Calif. Phone, HEmpstead 1551. Presi-

dent, Harry Jacobs; Vice-President, D. D. Crawford. SERVICES OFFERED: Producers and distributors of transcribed programs.

National Transcription Features

2 East 45th St., New York, N. Y. Manager, George H. Field. SERVICES OFFERED: Electrical transcriptions, production.

Lilian Okun, Inc.

1501 Broadway, New York, N. Y. Phone, CHickering 4-3651. President, Lilian Okun; Script Director, Phylis Frederic; Assistant Producer, Mildred Schrom. SERVICES OFFERED: Program production, live and transcribed, talent, publicity, scripts.

Pan American Broadcasting Co.

330 Madison Ave., New York, N. Y. Phone, MUrray Hill 2-0811. Manager, A. Alexander. REPRESENTATIVES: F. R. Jones, 228 N. La Salle St., Chicago, IH.; Alonzo Hawley, 1635 East 25th St., Cleveland, Ohio. SERVICES OFFERED: Transcriptions, program production, script service, talent bookings.

Donna Parker Productions

540 N. Michigan Ave., Chicago, Ill. Phone, Delaware 2277. SERVICES OF-FERED: Production, talent.

Harold E. (Hal) Pearce

White Henry Stuart Bldg., Seattle, Wash. Phone, Main 6626. Manager, Hal E. Pearce. SERVICES OFFERED: Transcription company representatives, air-check, scripts.

Peck Radio Production

3275 Wilshire Blvd., Los Angeles, Calif. Phone, Fi. 8131. President, William M. Peck; Secretary, Thorbe Deakers; Program Director, Clinton Jones. SERVICES OFFERED: Production.

Peterson Radio Production Co.

1457 Broadway, New York, N. Y. Phone, Wisconsin 7-0069. President, Donald Peterson; Production and Public Relations, Gilbert Braun; Script Manager, Ruth Travers. SERVICES OFFERED: Program planning, writing, producing and transcribing. Publicity, special sound effects.

Premier Radio Enterprises Inc.

530 Mart Bldg., St. Louis, Mo. Phone, Garfield 3395. President, H. S. Somson; Vice-President, Wilson Dalzell; Secretary, Jerome M. Yawitz. SERVICES OFFERED: Producing and recording of custom-built transcriptions, phonograph records, artist bureau, national and regional broadcasts, wax and film recording, slide film.

Playcrafters

207 East Ave., Bridgeton, N. J. Director, Jack B. Plumley; Assistant Director, Forrest Hoyt. SERVICES OFFERED: Scripts.

Press Radio Features, Inc.

360 N. Michigan Ave., Chicago, Ill. Phone, Randolph 9333. President, F. W. Hemingway; Secretary, Paul C. Weichelt. SERVICES OFFERED: Transcriptions, distributors of transcribed programs.

Radiad Service

3140 W. Walton, Chicago, Ill. Phone, NEvada 6262. Manager, Edward L. Foertsch.

Radiocrafters

56 West 45th St., New York, N. Y. Phone, MUrray Hill 2-2103. President, Chester H. Miller; Treasurer, Merwin Jennings; Secretary, Glenn H. Pickett; Vice-President, Wilfred M. Scherer. SERVICES OFFERED: Production of live talent programs.

Radio Attractions, Inc.

1270 Sixth Ave., New York, N. Y. Phone, Circle 7-4483. President, Herbert R. Ebenstein; Treasurer, George W. Brant; Sales Manager, Philip A. Fuss; Director of Publicity and Exploitation, Howard Carnow. SERVICES OFFERED: Feature transcribed programs.

Radio Events, Inc.

535 Fifth Ave., New York, N. Y. Phone, MUrray Hill 6-3487. President, Joseph M. Koehler. SERVICES OFFERED: Production, scripts, casting.

Radio Features, Inc.

6404 Hollywood Blvd., Hollywood, Calif. General Manager, B. M. Melton. SERVICES OFFERED: Syndicated transcription programs.

Radio Producers of Hollywood

930 N. Western Ave., Hollywood, Calif. Phone, Hollywood 6288. OWNER: Lou R. Winston.

Radio Program Associates

40 East 49th St., New York, N. Y. Phone, Eldorado 5-4227. President, Bernard Zisser. SERVICES OFFERED: Custom jobs, transcriptions, supervision, distribution, live shows including script, production and merchandising.

Radio Programme Producers

1440 St. Catherine St., West, Montreal, Que., Canada. Phone, Marquette 1184. Director of English Programs, Ivan F. Tyler; Director of French Programs, Paul L'Anglais. SERVICES OFFERED: Production, scripts, talent.

Radio Recorders, Inc.

932 North Western Ave., Hollywood, Cal. Phone, Hollywood 3917. President, F. H. Winter; Vice-President, J. C. Brundage; Secretary, L. D. Minkler; Treasurer, Ernest Dummel; Sales and Production Manager, J. J. Sameth. SERVICES OFFERED: Transcriptions, recording service.

Radio Recording Studios

1619 Broadway, New York, N. Y. Phone, Columbus 5-9037. Manager, A. Moran. SERVICES OFFERED: Off-theair recordings, recordings at the studio, electrical transcriptions.

Radio Recording Studios

4701 N. Winchester Ave., Chicago, Ill. Phone, Edgewater 6461. Owner-Manager, Myron Bachman. SERVICES OF-FERED: Off-the-air recordings, instantaneous recordings.

Radio-Rundfunk Corporation

207-11 East 84th St., New York, N. Y. Phone, Rhinelander 4-9609. President, Herbert F. Oettgen; Treasurer and Secretary, Wm. C. Foerster. SERVICES OFFERED: Transcriptions, production, foreign news service.

Radioscript Productions Co.

1775 Broadway, New York, N. Y. Phone, CIrcle 7-2849. President, Maury Ascher; Manager, Stanley M. Ascher. SERVICES OFFERED: Production.

Radioscriptions, Inc.

726 11th St., N.W., Washington, D. C. Phone, REpublic 0861. President, E. G. Sharpless; Treasurer, B. P. Sharpless; General Manager, R. J. Coar. SER-VICES OFFERED: Phonograph recordings, custom transcription, studio construction, manufacturers' representatives.

Radio Transcription Co. of America, Ltd.

Hollywood Blvd. at Cosmo St., Hollywood, Calif. Phone, Hollywood 3545. President and General Manager, Charles C. Pyle. BRANCH OFFICES: 666 Lake Shore Drive, Chicago, Ill. Manager, J. M. Hayes. SERVICES OFFERED: "Readibuilt" and custom-built transscribed programs produced and distributed.

RCA Manufacturing Co.

155 East 24th St., New York, N. Y. Phone, Bogardus 4-6200. BRANCH OF-FICES: 445 Lake Shore Drive, Chicago, Ill. Phone, Delaware 4774; 1016 North Sycamore Ave., Hollywood, Calif.; Front and Cooper Sts., Camden, N. J.

Rec-Art Studios

1120 S. Main St., Los Angeles, Calif. Phone, PRospect 9232. General and Recording Manager, Al Nazareth; Musical Director, A. Norman; Production Manager, Helen Thayer. SERVICES OFFERED: Recordings, transcriptions, production, building of live and transcribed programs.

Recordings, Inc.

5505 Melrose Ave., Hollywood, Calif. Phone, Hillside 6138. President, E. Avery; Secretary-Treasurer, L. H. Pfeiffer. SERVICES OFFERED: Electrical transcriptions, phonograph and private recordings.

Reeves Sound Studios, Inc.

1600 Broadway, New York, N. Y. Phone, Circle 6-6686. President and Manager, Hazard E. Reeves. SERVICES OFFERED: Recording, transcription, phonographs.

Robinson Recording Laboratories

9th & Chestnut Sts., Philadelphia, Pa. Phone, Walnut 6800. Director, W. P. Robinson. SERVICES OFFERED: Production and recording of transcriptions, casting, direction.

Rocke Productions, Inc.

1270 Sixth Ave., New York, N. Y. Phone, CIrcle 7-7630. President-Treasurer, Ben Rocke; Vice-President-Production Manager, Ernest E. Chappell; Sales Manager, Norman S. Livingston; Secre-

tary, Rachel Palis. SERVICES OF-FERED: Syndicated programs, production of live talent programs, talent.

Norman Ross

605 North Michigan Avenue, Chicago, Ill. Phone, Superior 2168. SERVICES OFFERED: Scripts, casting, production.

Roth & Berdun Recording Studios

4464 Cass Ave., Detroit, Mich. Phone, Temple 12552. Charles Roth; Cecil Berdun; George O. Allen. BRANCH OFFICE: 623½ Adams St., Toledo, Ohio. Phone, Main 4444. Manager, Buddy Roth. SERVICES OFFERED: Transcriptions, off-the-air and studio recordings.

Seattle Recording Studios, Inc.

Seattle, Wash. Phone, El. 1492. Manager, Orin B. Johnston; Sales Manager, Adolph F. Linden. SERVICES OF-FERED: Custom jobs, libraries, individual jobs, educational productions, transcriptions.

Selviair Broadcasting System, Inc.

75 East Wacker Drive, Chicago, Ill. Phone, Randolph 8877. President, Arthur A. Kohn; Secretary-Treasurer, Irving Rocklin; Account Executive, Walter Zivi; Production Manager, Edna Glover Handleman. SERVICES OFFERED. Creating and producing of transcriptions and special program features.

George Shackley Productions

130 West 42nd St., New York, N. Y. Phone, LOngacre 5-8005. President, George Shackley; Program Director, Lillian Stewart; Publicity Director, Gilbert Braun. SERVICES OFFERED: Musical and script programs, transcriptions.

Stephen Slesinger, Inc.

250 Park Ave., New York, N. Y. Phone, Eldorado 5-2544. President, Stephen Slesinger. SERVICE OFFER-ED: Exclusive radio representatives for NEA comics and news features.

Sound Masters, Inc.

1560 Broadway, New York, N. Y. Phone, BRyant 9-0680. Program Director, Teddy Bergman; Vice-President, Harold E. Wondsel. SERVICES OFFERED: Program production.

Henry Souvaine, Inc.

1270 Sixth Ave., New York, N. Y. CIrcle 7-5666. SERVICES OFFERED: Production of live talent and transcribed programs, talent.

Speak-O-Phone Recording & Equipment Co.

23 West 60th St., New York, N. Y. Phone, Columbus 5-1350. Secretary-Treasurer, R. L. Lee; General Sales Manager, C. A. Austin. BRANCH OF-FICES: 2912 Maple Ave., Dallas, Tex. Phone, 2-1556. Manager, M. R. Chapman. 124 Market St., Philadelphia, Pa. Phone, Main 3104. Manager, Jerry Elkins. 134 No. La Salle St., Chicago, Ill. Phone, State 2646. Manager, Henry A. Kaufman. Ochsner Bldg., Sacramento, Cal. Phone, Capital 2248. SERVICES OFFERED: Custom recordings, radio checks, transcriptions, recording equipment.

Standard Radio

6404 Hollywood Blvd., Hollywood, Cal. Phone, HOllywood 0188. President, Gerald King; Don Allen. BRANCH OFFICES: 180 No. Michigan Ave., Chicago, Ill. Phone, State 3153. Manager, M. M. Blink; Alex Sherwood. RKO Bldg., New York, N. Y. Phone, CIrcle 5-4895. Manager, Robert McCullough. Dallas, Texas, Manager, Herbert Denny; White-Henry-Stuart Bldg., Seattle, Wash. Manager, Hal Pearce. SERVICES OFFERED: Library, sound effects library, transcriptions.

Douglas Storer Productions

1270 Sixth Ave., New York, N. Y. Phone, CIrcle 7-7672. President, Doug-

las Storer, SERVICES OFFERED: Program production.

Edwin Strong, Inc.

71 W. 45th St., New York, N. Y. Phone, BRyant 9-5758. President Edwin Strong; Secretary-Treasurer, M. E. Strong; Chief Engineer, C. D. Sherer. SERVICES OFFERED: Air-check recordings, off-the-air and direct wire acetate transcriptions.

Studio & Artists Recording

6107 Columbia Square, Hollywood, Calif. Phone, Hillside 8241. President, Willard E. Robbins; Chief Engineer, Ray McPherson; Production Manager, Wallace McClain.

T-W Radio Productions

551 Fifth Ave., New York, N. Y. Phone, MUrray Hill 2-4111. Manager, L. Stern. SERVICES OFFERED: Live programs, production, talent, transcribed shows.

Technisonic Recording Laboratories

818 South Kingshighway Blvd., St. Louis, Mo. Phone, Franklin 2060. President-General Manager, James M. Althouse; Secretary-Treasurer, Charles E. Harrison. SERVICES OFFERED: Transcriptions, recording service, air checks, transcribed productions, talent.

Tested Radio Features, Inc.

122 East 42nd St., Chanin Bldg., New York, N. Y. Phone, MUrray Hill 5-3813. President-General Manager, Phillip Fuhrmann. SERVICES OFFERED: Sydnicated programs, live and transcribed.

Titan Production Co., Inc.

1040 Geary St., San Francisco, Cal. Phone, Ordway 2671. Manager, Louis Graf. SERVICES OFFERED: Transcriptions, library.

Transamerican Broadcasting & Television Corp.

521 Fifth Ave., New York, N. Y. Phone, MUrray Hill 6-2370. President, John L. Clark; Executive Vice-President, E. J. Rosenberg; Vice-President, C. P. Jaeger. Executive Program Director, Don Becker; Associate Producers: Harry W. Hoff, Chick Vincent. BRANCH OF-FICES: 333 No. Michigan Ave., Chicago, Ill. Phone, State 0366. Manager, D. C. Mower; 5833 Fernwood Ave., Hollywood, Calif. Phone, Hollywood 5315. Manager, William V. Ray. SERVICES OFFERED: Talent, transcriptions, production.

Transcribed Radio Shows, Inc.

2 West 47th St., New York, N. Y. Phone, LOngacre 5-3440. President, M. E. Moore, SERVICES OFFERED: Custom-built and syndicated transcribed programs.

Transcriptions, Inc.

56 West 45th St., New York, N. Y. Phone, Murray Hill 2-2103. President, Chester H. Miller; Treasurer, Merwin Jennings; Glenn H. Pickett, Secretary; Vice-President, Wilfred M. Scherer. SERVICES OFFERED: Custom jobs, air-checks, studio recording, programs built for live broadcasts, studio rental.

Transradio News Features, Inc.

9 Rockefeller Plaza, New York, N. Y. Phone, Circle 7-4560. President, W. G. Quisenberry. BRANCH OFFICES: 20 North Wacker Drive, Chicago, Ill. Manager, Rex Goad. 1622 Chestnut St., Philadelphia, Pa. Manager, Harold Parr. 357 So. Hill St., Los Angeles, Cal. Manager, J. B. Copeland. National Press Building, Washington, D. C. Manager, Wallace Werble. SERVICES OFFER-ED: Transcriptions, program building.

Twentieth Century Radio Productions

1611 Cosmos St., Hollywood, Cal. Phone, Hillside 7211. General Manager, Archie Josephson. SERVICES OFFER-ED: Transcriptions.

United States Recording Co.

Rialto Theater Building, Washington, D. C. Phone, District 1640. President, R. C. Miller; Commercial Manager, Joseph Tait; Chief Engineer, Earl A. Merryman. SERVICES OFFERED: Custom transcriptions, scripts, talent.

Universal Radio Features

200 Bush St., San Francisco, Calif. Phone, SUtter 6780. President-Managing Director, Richard F. Guggenheim; Production Manager, Ronald Guy Patrick. SERVICES OFFERED: Production, talent.

Universal Radio Programs, Inc.

545 Fifth Ave., New York, N. Y. Phone, MUrray Hill 2-0648. Vice President, L. N. Marks; Production Manager, Marvin Scherer; Research Director, M. J. Sacks. SERVICES OFFERED: Production of live talent shows.

Universal Radio Productions

180 No. Michigan Ave., Chicago, III. Phone, State 3153. Manager, L. M. Rush. SERVICES OFFERED: Transcriptions, program counsel, off-the-air recordings.

Universal Recording Co., Inc.

1270 Sixth Ave., New York, N. Y. Phone, CIrcle 5-4895. General Manager, Lester Troob. SERVICES OFFERED: Transcriptions; off-the-air; off-the-line and studio.

Thomas J. Valentino

729 7th Ave., New York, N. Y. Phone, Bryant 9-5543. Production Manager, Thomas J. Valentino; Treasurer, Wm. Rubenstein; Secretary, N. Cevedo. SERVICES OFFERED: Custom jobs, library, recording, sound effects library.

Viking Radio Productions

11 West 42nd St., New York, N. Y. Phone, PEnnsylvania 6-1137. President, Allan Wilson. REPRESENTATIVES: A. V. Bamford, 203 N. Wabash Ave., Chicago, Ill.; Walter Biddick Co., Chamber of Commerce Bldg., Los Angeles, Calif.; Walter Biddick Co., Russ Bldg., San Francisco, Calif.; Walter Biddick Co., Exchange Bldg., Seattle, Wash. Ronald Dawson, 524 Kenyon St., Washington, D. C. SERVICES OFFERED: Transcribed programs for syndication, custom-built transcribed program, scripts, live program production.

J. Franklyn Viola & Co.

152 West 42nd Street, New York, N. Y. Phone, CHickering 4-3250. Manager J. Franklyn Viola. SERVICES OFFERED: Scripts, production.

Wells Feature Syndicate

6331 Hollywood Blvd. (P. O. Box 2025), Hollywood, Calif. Phone, GLadstone 9110. Manager, Allan W. Wells. BRANCH OFFICE: Balderas 32, Mexico City, Mexico. SERVICES OFFERED: Scripts, production.

Witte Radio Productions

740 S. Broadway, Los Angeles, Calif. Phone, VAndike 5436. Owner-Manager, 1. O. Witte. SERVICES OFFERED: Transcribed shows, scripts.

Leonard F. Winston

11 West 42nd St., New York, N. Y. Phone, PEnnsylvania 6-8933. President and Manager, Leonard F. Winston. SER-VICES OFFERED: Production of live talent programs, scripts.

Wolf Associates, Inc.

1270 Sixth Ave., New York, N. Y. Phone, COlumbus 5-1621. General Manager, Ed Wolf; Production Manager, Jack Rubin; Sales Manager, William Koblenzer. Directors: Carlo de Angelo, Basil Loughrane. BRANCH OFFICE: 6912 Hollywood Blvd., Hollywood, Calif. Phone, Gladstone 0676. SERVICES OFFERED: Production, talent.

Wor Electrical Transcription and Recording Service

1440 Broadway, New York, N. Y. Phone, Pennsylvania 6-8383. Manager of Transcription Division, Ray S. Lyon. SERVICES OFFERED: Electrical transcription producing, talent, production, off-the-line transcription, air-check, recordings, off-the-air recording, pressings, portable recording.

World Broadcasting System, Inc.

711 Fifth Ave., New York, N. Y. Phone, Wickersham 2-2100. President, P. L. Deutsch; Vice-President in Charge of World Transcription Service, A. J. Kendrick; Vice-President in Charge of Sales, Norton Cotterill; Station Relations Manager, A. B. Sambrook; Program Director, Charles Gaines; Sales Promotion Manager, Sam J. Henry, Jr.; Chief Engineer, Charles Lauda. BRANCH OFFICES: 301 East Erie St., Chicago, Ill. Phone, Superior 9114. Resident Manager, Read Wight; 1000 No. Seward St., Hollywood, Cal. Phone, Hollywood 6321. West Coast Manager, Pat Campbell; 1050 Howard St., San Francisco, Cal. Phone, Douglas 3310. Manager, C. C. Langevin; 320 Mortgage Bldg., Atlanta, Ga. Phone, Walnut 1562. Manager, John Pitts; Wardman Park Hotel, Washington, D. C. Phone, Columbia 2000. Resident Manager, Harold A. LaFount. SERVICES OFFERED: Custom-built recordings, processing, pressing, shipping, transcription library, production, scripts, talent, world program service, national group "transcription network."

MANAGERS and AGENTS

Addresses and Telephone Numbers of Those Who Handle Talent in New York, Los Angeles and Chicago



James Appell

James Appell 1270 Sixth Ave	7-5278	
Artists Management Bureau, Inc. 17 E. 45th StMUrray Hill	2-1888	
Associated Radio Artists 1650 Broadway	7-4452	
Authors & Artists, Inc. 630 Fifth Ave	5-8133	
Ayers-Prescott RKO Bldg	5-2482	
Barnett, Joseph M. 1270 Sixth Ave	5-3425	
Batchelor Enterprises, Inc. 1270 Sixth Ave	5-6773	
Bentham, M. S. 1564 BroadwayBRyant	9-1227	
Bertell, Jack, Inc. 1501 Broadway	4-3364	
Bestry, Harry 1501 Broadway	4-3393	
Bloom, Joseph 19 West 44th StVAnderbilt	3-8950	
Bloom, Phil 353 W. 56th St	6-1290	
Briscoe & Goldsmith, Inc. 522 Fifth AveVAnderbilt	3-8683	
Brown, Chamberlain 145 W. 45th StBRyant	9-8480	
Collins, Ted 1819 BroadwayCIrcle	7-0094	
Columbia Artists, Inc. 485 Madison AveWIckersham	2-2000	
Columbia Concerts Corp. 113 W. 57th St	7-6900	
Consolidated Radio Artists, Inc. 30 Rockefeller PlazaCOlumbus	5-3580	
Curtis & Allen 1270 Sixth AveCIrcle	7-4124	
Dube, Harry S. 1270 Sixth Ave	5-7035	
Evans & Salter 113 W. 57th St	7-6900	
30 Rockefeller Plaza	7-5630	
247 Park AvePLaza	5-5044	

Field, Moses & Jones, Inc. 730 Fifth Ave	3-2677
Forkins, Marty 1564 BroadwayBRyant 9	9-0766
Gale, Inc. 48 W. 48th St LOngacre 3	3-611 L
Getts, Clark H. Waldorf-Astoria HotelPLaza (3-9005
Gernamt, William 521 Fifth AveVAnderbilt (5-1750
Huensel & Jones 113 W. 57th St	7-6900
Hahlo, Sylvia 145 W. 58th St	7-7440
Hanna, Mark 654 Madison AveREgent	4-6250
Harris & Steele 1270 Sixth Ave	7-3715
Hesse & McCaffrey 501 Madison AveELdorado (5-1076
Irwin, Lou, Inc. 30 Rockefeller PlazaCircle 6	6-1234
Kaufman, Jesse L., Inc. 22 W. 48th St PEnnsylvania (6-2409
Layin, Jack Park Central Hotel	7-8000
Leading Attractions, Inc. 515 Madison AvePLaza;	3-8093
Lipset, Ben B., Inc. 607 Fifth AvePLaza	3-62 68
Lyons, A. & S., Inc. 1501 BroadwayLAckawanna	4-746 0
Mandel, Jack 1564 Broadway LOngacre	5-8176
Metro Artist Bureau 1650 Broadway	7-2829
Mills Artists, Inc. 799 Seventh Ave	7-7162
Morris, William, Agency 1270 Sixth Ave	
Morrison, Leo, Inc. 1778 Broadway	7-6413
745 Fifth AveWickersham	2-8900
1650 Broadway	7-3071
30 Rockefeller PlazaCIrcle North, Meyer B.	7-8300
1564 Broadway BRyant Okun, Lillan, Inc.	
1501 Broadway CHickering	4-3651

Philips-Roberts. Inc. 565 Fifth Ave	Charney, William 9615 Brighton Way (Beverly Hills)
Radio Orchestra Corp. 1619 Broadway	OXford 6101 Coburn Agency 7904 Santa Momea BlvdHOllywood 3677
Rockwell-O'Keefe, Inc. 1270 Sixth Ave	Collier-Weber & Todd 8584 Sunset BlvdOXford 3101
Selznick, Myron, Ltd. of N. Y. 630 Fifth Ave	Columbia Management of Calif.
Shurr, Louis 1501 BroadwayCHickering 4-8240	6111 Sunset Blvd
Simon Agency, Inc. 1270 Sixth Ave	Consolidated Radio Artists, Inc. 9028 Wilshire Blyd
Souvaine, Henry, Inc. 1270 Sixth Avc	Crosby, Everett, N., Ltd. 9028 Sunset Blyd
Spector, Marfin 551 Fifth Ave MUrray Hill 2-4111	Curtis, Jack 8954 Sunset Blvd OXford 7705
Storer, Douglas F. 1270 Sixth Ave	Davis, Don 8741 Wilshire Blvd
T-W Radio Productions 551 Fifth Ave	Dolan & Doane 8905 Sunset Blvd
Vallee, Rudy, Orchestra Units Corp. 9 Recketeller Plaza	Eckley, Amory 8736 Sunset Blvd OXford 7105
White, Roger 1270 6th Ave	Epstein, David 6777 Hollywood BlvdGRanite 2159
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Batchelor, Walter 8782 Sunset BlvdCRestview 1-8181	Landau Agency 8641 Sunset Blvd OXford 2371
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528	

Levy, Bert Agency 6425 Hollywood Blvd
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Orsatti & Co. 9121 Sunset BlvdOXford 6241
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Chicago Artists Bureau 190 N. State St	1627
Columbia Concerts Corp. 410 N. Michigan AveWHItchall	6000
Conklin, Neil 75 E. Wacker Drive FRAnklin	1144
Consolidated Radio Artists, Inc. 32 W. Randolph St FRAnklin	8300
Edwards, Gus 38 S. Dearborn Ave	4699
Ellsworth, W. M. 75 East Wacker DriveCENtral	0942
Glaser, Mareus 54 W. Randolph St FRAnklin	4406
Gordoni, Lillian 1258 S. Michigan Ave	6979
Gumbiner Theatrical Enterprises 310 S. Michigan Ave WABash	9758
Herman, Sam 54 W. Randolph St STAte	2147
łacky & Thorndycke 520 N. Michigan BlydDELaware	3262
Kalcheim, Jack, Agency 32 W. Randolph St DEArborn	7064
Levin, W. Biggie 612 N. Michigan Ave SUPerior	0506
Morris, William, Agency 203 N. Wabash Ave STAte	3632
Morse, Edward M. 190 N. State St STAte	7419
Marse, Sidney P. 32 W. Randolph StFRanklin	5396
Music Corporation of America 430 N. Michigan Ave DELaware	1100
NBC Arrists Service Merchandise Mart	8300
National Artists Bureau 20 N. Wacker DriveCENtral	8653
North, Stanley 31,0 S. Michigan Ave	
Parker, Donna 540 N. Michigan AveDELaware	2277
Pearlman, Bernard 75 E. Wacker DriveFRAnktin	1144
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WLS Artists Bureau 1230 W. Washington BlvdHAYmarket	7500

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l Norway Street, Boston, Mass.

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Executives: Hugh Baillie, President; E. M. Williams, General Sales Manager; Webb Artz, Radio News Manager; A. F. Harrison, Radio Sales Manager.

F. C. C. Regulations Regarding Announcement of Call Letters of Broadcast Stations

As of January 1st, 1939

"Each licensee of a broadcast station shall announce the call letters and allocation as frequently as practicable during the hours of operation, and in any event before or after each program being broadcast. In no event shall more than 30 minutes elapse between such announcements, and in so far as practicable these announcements shall be made on the hour and half hour. These requirements are waived when such announcements would interrupt a single consecutive speech, play, symphony concert or operatic production of longer duration than 30 minutes; and in such cases the announcement of the call letters and location shall be made as soon as possible.'

The Commission announces the following interpretation of the second sentence which reads: "In no event shall more than 30 minutes elapse be-

tween such announcements, and in so far as practicable these announcements shall be made on the hour and half hour"

Call Letters of stations need not be announced within exactly 30 minutes or less of the previous announcement but shall be made as near thereto as practicable. During variety-show programs, baseball game broadcasts, etc., of an hour or more in duration, the call letter announcements shall be made on the hour and half hour within a 5-minute period thereof. That is, the half hour announcement shall be made between 25 and 35 minutes after the hour, and likewise the hour announcement shall be within 5 minutes of the hour.

The interpretation given above in no way affects the waiver clause given in the last sentence of this rule.

FCC Rules and Regulations Regarding Political Broadcasting

As of July 1st, 1938

"Rule 36a 1. No station licensee is required to permit the use of its facilities by any legally qualified candidate for public office, but if any licensee shall permit any such candidate to use its facilities, it shall afford equal opportunities to all other such candidates for that office to use such facilities, provided that such licensee shall have no power of censorship over the material broadcast by any such candidate.

"Rule 36a 2. The following definitions shall apply for the purposes of Rule 36a 1:

- (a) 'A legally qualified candidate' means any person who has met all the requirements prescribed by local, state or federal authority, as a candidate for the office which he seeks, whether it be municipal, county, state, or national, to be determined according to the applicable local laws.
- (b) 'Other candidates for that office' means all other legally qualified candidates for the same public office. "Rule 36a 3. The rates, if any,

charged all such candidates for the same office, shall be uniform and shall not be rebated by any means, directly or indirectly; no licensee shall make any discrimination in charges, practices, regulations, facilities or services for or in connection with service rendered pursuant to these rules, or make or give any preference to any candidate for publice office or subject any such candidate to any prejudice or disadvantage; nor shall any licensee make any contract or other agreement which shall have the effect of permitting any legally qualified candidate for any public office to broadcast to the exclusion of other legally qualified candidates for the same public office.

"Rule 36a 4. Every licensee shall keep and permit public inspection of a complete record of all requests for broadcast time made by or on behalf of candidates for public office, together with an appropriate notation showing the disposition made by the licensee of such requests, and the charges made, if any, if request is granted."

SCRIPT LIBRARIES



Associated Radio Writers, Inc.

137 Newbury St., Boston, Mass. Phone, Commonwealth 2385. President, Ralph L. Rogers; Treasurer, James A. Arme; Secretary, Marianne Berrie; Production Director, Allen R. Worley.

Gags, Inc.

48 West 48th St., New York, N. Y. Phone, BRyant 9-0919. General Manager, Murray T. Bloom.

Harry Martin Enterprises

360 N. Michigan Ave., Chicago, Ill. Phone, Randolph 3842. President, Harry Martin.

NEA Features, Inc.

REPRESENTATIVE: Stephen Slesinger, Inc., 250 Park Ave., New York, N. Y. Phone, ELdorado 5-2544.

Radio Events, Inc.

535 Fifth Avenue, New York, N. Y. Phone, MUrray Hill 6-3487. Manager, Joseph M. Koehler.

Radio Writers Laboratory

Conestoga Bank Bldg., Lancaster, Pa. Phone, 2-1387. Manager, M. S. Miller; Script Editor, Paul Rodenhauser.

Souvaine, Henry, Inc.

1270 Sixth Ave., New York, N. Y. Phone, CIrcle 7-5666.

Star Radio Programs, Inc.

250 Park Ave., New York, N. Y. Phone, PLaza 3-4991. Executive Vice President, Daniel C. Studin; Sales Manager, William C. Gartland; Manager, John C. Treacy; Continuity Supervisor, Burke Boyce; Director of Women's Programs, Gay Lee. REPRESENTATIVES: All-Canada Radio Facilities, Toronto, Ont. (Offices also in Montreal, Winnipeg, Calgary and Vancouver.

T-W Radio Productions

551 Fifth Avc., New York, N. Y. Phone, MUrray Hill 2-4111. Manager, L. Stern.

Universal Radio Programs, Inc.

545 Fifth Ave., New York, N. Y. Phone, MUrray Hill 2-0648. Vice President, L. N. Marks; Production Manager, Marvin Scherer; Research Director, M. J. Sacks.

World Broadcasting System, Inc.

711 Fifth Ave., New York, N. Y. Phone. WIsconsin 2-2100. President, P. L. Deutsch; Vice President, Norton Cotterill; Charles Gaines; Garrett Hollihan. BRANCH OFFICES: Chicago; Hollywood; Atlanta; San Francisco; Washington, D. C.

Karl Zomær Script Service

1105 S. National Ave. (P. O. Box 200 S. Station), Springfield, Mo. Phone, 6630. Manager and Script Director, Fred McGhee, Jr.; Associate Director, Lane E. Davis.

TAPE TRANSMISSION

- A HISTORY -

In 1906 a young man by the name of McCarthy was experimenting in San Francisco with wireless phone. He was backed by Mr. Hale of Hale Bros. Department Store. Considerable publicity appeared in the San Francisco papers regarding a demonstration conducted between the Cliff House and Hale Bros.' Store. It was this publicity which aroused the interest of James A. Miller, who, at that time, was a student at Palo Alto. As a result, he constructed the first radio station in Palo Alto in 1907 and later a larger one in 1908.

It is hard to conceive that at that date 99 per cent of the people were definitely antagonistic toward radio broadcasting for entertainment. It was accepted half-heartedly for ship messages but that was all.

Preliminary Work

McCarthy was killed in a street car accident in 1908, and by a strange coincidence his work was referred to the head of the Electrical Engineering Department of Stanford University, with whom James A. Miller had spent much time trying to put across his ideas regarding the great future possibilities of radio broadcasting. C. E. Elwell, one of James A. Miller's friends and associates, was hired to make an investigation of McCarthy's work and McCarthy's equipment finally came to Palo Alto. After one year, Mr. Elwell reported that McCarthy's equipment was not suitable and the work was discontinued. In the meantime, however, he heard of the work of Messrs Poulson and Pedersen in Denmark and made a trip to Denmark, where he made arrangements for their patents and equipment. This was the start of the Federal Telegraph Company in Palo Alto which is now the Mackey Radio.

Messrs. Poulsen and Pedersen

had two methods of recording, one the photographic oscillograph and the other the magnetic recorder which they patented in 1898 and called the telegraphone.

First Transmission

In 1917 when the United States took over the German Radio Station at Sayville, Long Island, Miller was appointed consulting engineer for the rebuilding of the station. Then followed the 500,000 watt station at Annapolis, Maryland. Later, the United States Government contracted Miller for two years to serve as consulting engineer for the United States on the construction ofthe Lafavette Radio Station at Bordeaux, France. This station delivered 1.250,000 watts and is today the largest ever constructed. It was here in 1919 that the first message was transmitted around the world, it being received by a French warship dispatched to a point exactly opposite Bordeaux. The long distance continuous record was also established at the same time by Mr. James A. Miller. It consisted of twenty-four hours continuous communication between Bordeaux, France, and San Francisco, California, without losing contact at any time.

By 1924 radio broadcasting for entertainment was well on its way. and on account of the original work of McCarthy, a wireless station was maintained by Hale Bros. Department Store in San Francisco and by 1924 was well known as Station KPO, 500 watts, Class B. A Class B station was the best and by order of the Federal Radio Commission could not use recorded The Class B rating was music. given on a basis of quality and therefore the quality could not be impaired by using records. At this time, however, James A. Miller arranged the first electrical transcription program on a Class B station by special permission, on KPO, due to great improvement in disc recording with special quality for radio reproduction.

However, the need for a better recording system was still apparent, so James A. Miller spent a year trying to perfect and adapt the magnetic wire telegraphone to radio broadcasting but found it unsatisfactory.

Tape Transmission

Mr. Miller then went to Europe where in spite of the fact that most of the engineers gave an unfavorable report, he was able to convince Dr. Holst, head of the Philips Laboratorium, Eindhoven, Holland, of the merits of the tape system. Through this an arrangement was made with the Philips Company to assist with the development. Next

in line was the J. Walter Thompson Advertising Agency in London, who built a studio using the new equipment with complete success. For the first time in history it became possible to put programs on the air from a recording that was indistinguishable from the original. From here it sped to Norway, France, Switzerland and Australia, being known throughout Europe as the Philips-Miller system.

In the meantime, Mr. Miller returned to America to start operations in the American market. The doubters here have been numerous but the progress marches on and the converts increase. In Europe the converts started with Mengelberg, Huberman, Thibault, quickly followed by all the other leading artists.

Conclusion

In America, the few artists who have heard Millertape transmission consider it superior to any other type of recording in quality. These include Leopold Stokowski, Lawrence Tibbett and John Charles Thomas and there is no doubt that the time is short when the list of converts in America will be as long as that in Europe.

Radio stations from coast to coast are being equipped with the Miller Broadcasting System transmission apparatus and Miller Broadcasting System engineers are constantly traveling from station to station instructing the station's engineers in the proper operation of the Millertape transmission playing machines. Advertisers and agencies, and station managers are enthusiastic over the "quality" of Millertape transmission radio programs.



- ...we pick up work quickly
- ...we make haste carefully
- ... we deliver promptly.



MUSIC PUBLISHERS

—A NATION-WIDE LISTING

--- A ----

- ABC Music Corp., 799 Seventh Avenue, New York City.
- Affiliated Music Corp., 549 West 42nd Street, New York City.
- Ager, Yellen & Bornstein, Inc., 745 Seventh Avenue, New York City.
- Alfred Music Co., 145 West 45th Street, New York City.
- Allen, Thornton W., Co., 74 Riverside Drive, New York City.
- Amsco Music Sales Co., Inc., 1600 Broadway, New York City.
- Apollo Music Co., 301 West 41st Street, New York City.
- Art Music Co., 107 West 143rd Street, New York City.
- Ascher, Emil, Inc., 315 Fourth Avenue, New York City.
- Associated Music Publishers, Inc., 25 West 45th Street, New York City.
- Austin, George Co., 145 West 45th Street, New York City.

— B —

- Barnhouse, C. L., Inc., Oskaloosa, ia.
- Boron, M., Inc., 151 West 57th Street, New York City.
- Berlin, Irving, Inc., 799 Seventh Avenue, New York City.
- Birchard, C. C., & Co., 221 Columbus Avenue, Boston, Mass.
- Blake, Whitney, Music Publisher, 1585 Broadway, New York City.
- Blank, S., 190 East Second Street, New York City.

 Books and Music, Inc., 113 West 57th Street,
 New York City.
- Boosey-Hawkes-Belwin, Inc., 43 East 23rd Street, New York City.
- Boston Music Co., 3 East 43rd Street, New York City.
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- Coesar, Irving, 1619 Broadway, New York City.

 Century Music Publishing Co., 235 West 40th Street, New York City.
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- Colombo, Albert, 6912 Hollywood Blvd., Hollywood, Calif.

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- Davis, Joe, Inc., 1619 Broadway, New York City. Denton & Haskins Corp., 1658 Broadway, New York City.
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- Edwards, Gus, Hollywood, Calif.
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- Famous Music Corp., 1501 Broadway, New Yark City.
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- Fischer, Carl, Inc., 56 Cooper Square, New York City.
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- Fisher, Fred, Music Co., Inc., 1619 Broadway, New York City.
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Forrest, Thomas, Music Publishing Co., 315 West 143rd Street, New York City.

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Fox, Sam, Publishing Co., 1250 Sixth Avenue, New York City.

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Galaxy Music Corp., 17 West 46th Street, New York City.

Gaudagno-Davis & Co., Inc., 646 ½ No. Western Avenue, Hollywood, Calif.

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delphia, Pa. Harms, Inc., 1250 Sixth Avenue, New York City.

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Harris, Charles K., 701 Seventh Avenue, New York City.

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Hitchcock Publishing Co., 38 John Street, New York City.

Hollywood Songs, Inc., 1250 Sixth Avenue, New York City.

Howard, Joe, 1674 Broadway, New York City.

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Italian Book Co., 145 Mulberry Street, New York City.

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Keane, Mitchell, Inc., 113 West 57th Street, New York City.

Kendis Music Corp., 1595 Broadway, New York City.

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Lewis Music Publishing Co., Inc., 1619 Broadway, New York City.

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Luz Bros., 1674 Broadway, New York City. Lyrics Corp. of America, 202 West 40th Strtet, New York City.

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Marks, Edward B., Music Corp., 1250 Sixth Avenue, New York City.

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Movietone Music Corp., 1250 Sixth Avenue, New York City.

Mumil Publishing Co., 1140 Broadway, New York City.

Music Publishers Holding Corp., 1250 Sixth Avenue, New York City.

National Music Co., 306 South Wabash Avenue, Chicago, III.

Nattrass-Schenck, Inc., 145 West 45th Street, New York City.

New World Music Corp., 1250 Sixth Avenue, New York City.

Nota Music Publications, 1619 Broadway, New York City.

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Olman Music Corp., 1619 Broadway, New York City.

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- Paramount Music Corp., 1501 Broadway, New York City.
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- Paull-Pioneer Music Corp., 1657 Broadway, New York City.
- Peer, Ralph S., 1619 Broadway, New York City.
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- Presser, Theadore, Co., 1712 Chestnut Street, Philadelphia, Pa.

Quincke, W. A., & Co., 430 South Broadway, Los Angeles, Calif.

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- Radio Music Co., Inc., 907 Wurlitzer Bldg., Detroit, Mich.
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- Ricordi, G., & Co., 12 West 45th Street, New York City.
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- Robbins Music Corp., 799 Seventh Avenue, New York City.
- Robison, Carson J., 48 West 48th Street, New York City.
- Rossiter, Will, 173 West Madison Street, Chicago.
- Roy Music Co., 1619 Broadway, New York City.
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- Russian Music Co., Inc., 155 Second Avenue, New York City.

- Santly-Joy-Select, Inc., 1619 Broadway, New York City.
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- Summy, Clayton F., Co., 321 South Wabash Avenue, Chicago, III.
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- Superior Music, Inc., 1619 Broadway, New York City.

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- Vogel, Jerry, Music Co., Inc., 112 West 44th Street, New York City.
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- Von Tilzer, Will, 1619 Broadway, New York City.

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- Weil, Milton, Music Co., Inc., 54 West Randolph Street, Chicago, III.
- White-Smith Music Publ'shing Co., 40 Winchester Street, Boston, Mass.
- Whiting, George, Songs, 1619 Broadway, New York City.
- Williams, Clarence, Music Publishing Co., Inc., 145 West 45th Street, New York City.
- Willis Music Co., 3 East 43rd Street, New York City.
- Witmark, M., & Sons, 1250 Sixth Avenue, New York City.
- Wood, B. F., & Co., 88 St. Stephens Street, Boston, Mass.
- Words and Music, Inc., 1674 Broadway, New York City.

— **Z** —

Zenith Music Co., 1587 Broadway, New York City.

DATA ON PROGRAM WINNERS IN RADIO DAILY'S SECOND ANNUAL POLL of RADIO EDITORS

For Complete Results of the RADIO DAILY Poll, See Page 71

Jell-0

Sponsored by General Foods Corp. for Jell-O; Sundays, 7-7:30 p.m. on NBC Red Network. *Agency*: Young & Rubicam, Inc. *Cast*: Jack Benny, Mary Livingstone, Kenny Baker, Andy Devine, Don Wilson. *Orchestra*: Phil Harris.



Chase & Sanborn Hour

Sponsored by Standard Brands, Inc. for Chase & Sanborn Coffee; Sundays, 8-9 p.m. on NBC Red Network. *Agency*: J. Walter Thompson Co. *Cast*: Don Ameche, emcee; Dorothy Lamour and Nelson Eddy, soloists; Edgar Bergen and Charley McCarthy, and a different guest star weekly. *Orchestra*: Robert Armbruster.



Kraft Music Hall

Sponsored by Kraft-Phenix Cheese Corp.; Thursdays, 10-11 p.m. on NBC Red Network. *Agency*: J. Walter Thompson Co. *Cast*: Bing Crosby, Bob Burns and guest talent. *Orchestra*: John Trotter.



Town Hall Tonight

Sponsored by Bristol-Myers Co. for Ipana and Sal Hepatica; Wednesdays, 9-10 p.m., on NBC Red Network. *Agency*: Young & Rubicam, Inc. *Cast*: Fred Allen, Portland Hoffa, Harry von Zell and guest talent. *Orchestra*: Peter Van Steeden.



Information Please

Sponsored by Canada Dry Ginger Ale, Inc.; Tuesdays. 8:30-9 p.m., on NBC Blue Network. *Agency*: J. M. Mathes, Inc. *Cast*: Clifton Fadiman, emcee; Franklin P. Adams, John Kieran and guest talent.

Lux Radio Theater

Sponsored by Lever Bros. for Lux toilet soap; Mondays, 9-10 p.m., on CBS Network. Agency: J. Walter Thompson Co. Cast: Guest talent weekly with Cecil B. DeMille as producer. Orchestra: Louis Silvers.



Rudy Vallee Variety Hour

Sponsored by Standard Brands, Inc. for Royal Desserts and Fleischmann's Yeast; Thursdays, 8-9 p.m., on NBC Red Network. *Agency*: J. Walter Thompson Co. *Cast*: Rudy Vallee, and guest talent weekly. *Orchestra*: Rudy Vallee.



Ford Sunday Evening Hour

Sponsored by Ford Motor Co.; Sundays, 9-10 p.m., on CBS Network. *Agency*: N. W. Ayer & Son. *Cast*: Ford Symphony Orchestra and Chorus. guest soloists, instrumentalists and directors, and talks by W. J. Cameron.



Kay Kyser's College

Sponsored by American Tobacco Co., for Lucky Strike cigarettes; Wednesdays, 10-11 p.m., on NBC Red Network. *Agency*: Lord & Thomas, Inc. *Cast*: Kay Kyser, emcee; Virginia Simms, Harry Babbitt and Sully Mason, vocalists, and members of audience participating. *Orchestra*: Kay Kyser.



Good News of 1939

Sponsored by General Foods Corp., for Maxwell House Coffee; Thursdays, 9-10 p.m. on NBC Red Network. *Agency*: Benton & Bowles, Inc. *Cast*: Frank Morgan, Fanny Brice and guest artists weekly. *Orchestra*: Meredith Willson.

"AT YOUR SERVICE" EVERY DAY INFORMATION DEPARTMENT of RADIO DAILY

WHAT AUSTRALIANS LIKE IN A MERICAN - MADE TRANSCRIPTIONS \$

By RALPH L. POWER, Ph.D.*

Radio Counsellor, Los Angeles

VER a period of years, the major portion of my radio consulting activities has centered in buying American-made transcriptions for export. Most of these purchases have been for Australia and New Zealand, but South Africa and Canada have been important selling points and Continental Europe is now absorbing many of our waxes, though script predominates in that market.

Sales

In all, counting duplicate sets and replacements and samples, I have probably purchased some 100,000 "sides" or programs. A minute percentage has been poor buys, and the discs are still on the shelves. Others have been sold six or seven times, or enough to get the money back. Some have been extraordinarily good buys and have sold repeatedly.

Once in a foreign country, the discs have to have a fair turnaround to make a profitable investment. There are, of course, many charges besides the original cost. These include the transportation charges from the point of purchase to the dock; the boxes and packing and customs brokerage; freight, insurance and the tariff. Besides this, in Australia at least, the music fees are high and there is a government fee every time a transcription is played over the air.

Overhead

To this must be added an overhead for my services, since I do not act on a commission basis but on a flat annual fee. Once in the country of destination, there are additional charges for sales commissions, freight and so forth when the programs are sold and sent from station to station.

Out of this tremendous traffic in American-made programs one point in particular is an outstanding one. But, before discussing that, what programs have proved most popular in other countries. Canadians like the programs that are the most popular in the United States. So let's take the audience reaction of the Antipodes.

Australians Like Mysteries

There was the epic called "Detectives Black and Blue" to the tune of nearly 300 episodes. It went over in a big way in this country, and fans liked the crazy antics of the correspondence school detectives. The waxes are still gathering dust in Sydney.

By the same producers, there were 130 in the Count of Monte Cristo series. In this country it has enjoyed a huge run and is now airing the second and third time in many stations. Over in Australia and New Zealand it has proved to be a consistent seller, aided and abetted of course, by the background of the film and book of the same title. Under the banner of a stomach cure sponsor it ran on 38 stations in Australia.

Chandu

Take the case of Chandu, which was also produced by the same firm as the above two programs. This has been off the air a good while here. Yet the name Chandu is still a household radio name and the "Return of Chandu" may be good news any day now. Still, for no reason at all, it sold only enough in the Antipodes to bring back the money invested. Why, I do not know!

Over in Australia there has never been anything like the original Watanabe and Archie skits, longtime KNX favorites here. For three consecutive years they placed first in Australia radio popularity

Resident American transcription and script buyer for Macquarie Broadcasting Services Pty. Ltd.. Sydney, Australia, and All-Canada Radio Facilities, Ltd.. Calgary, Canada.

polls. W. J. McNair, of the J. Walter Thompson Co. Sydney office, when visiting Hollywood a few weeks ago, said that nothing like this series had ever been heard in that part of the globe. But along comes "Watanabe and William" and "Watanabe and the Professor." Though fair sellers, but not enough to bring a fair return on the investment, these have not done so well as the first series. Why? Your guess is as good as mine.

The Bigelow carpet people a while back recorded some custom-built five-minute wax spots with a series of mystery skits and some musicales. My Australian clients acquired the rights for Australia and New Zealand and they have been extra rapid sellers for fill-ins and five-minute spots, which indicate a ready response for the five-minute field over there.

Charlie Chan Series

The first Charlie Chan series was a financial dud and a headache to its producers. Less than a dozen sales were made, and the plates were stored and the program taken off the air in this country. Yet, over in Australia, this very same series placed with another as tie for first place one year.

Then came the second Chan series. It was a big time program in America and ran on over a score of stations simultaneously. But Australia is still struggling to get its original outlay back. A similar situation existed with the waxes

of the Tarzan epic.

The May Robson "Lady of Millions" series looks like a sure winner. With the ever-young Miss Robson Melbourne born it can't miss. Perhaps there is something in the "Lady" title for "Lady Courageous," with the trials and tribulations of a lady reporter, is grossing into the money just now.

"Daredevils of Hollywood." That's a title for you. Programs have been produced about films and stars, their private lives, loves and glamour, and even about extra people. But the stunt man has been relegated to the background. So "Daredevils of Hollywood" shoved him into the limelight and, buying world rights excluding the Americas, for my clients, this has become a consistent selling item.

One of the headaches has been programs of 5, 10 or 25 years ago, today in history, that was the day of other similar ideas. Two-thirds of the combined episodes concern this country entirely. Foreign countries care little, and are not at all concerned about our Bethlehem steel strike, Cox's army, the panic of '07 or any flag-wagging episodes about this country.

Waxes Should Have Universal Appeal

So finally, I arrive at the subject I originally started out to tackle . . . that of producing programs with a universal appeal.

Transcribed programs get their costs out of this country, or should, and foreign sales are clear profit. But who ever thinks of producing a wax with a general

appeal? Not many!

Listen to 'most any typical gangster series. Gat, beanery, slug, rat . . . these are just a few of the "Americanisms" that immediately stamp the program as distinctly American.

Yankee Disks

One thing to remember is that in Australia, for instance, and in some other countries, they do not have to announce over the air, "this is a transcription," as we do in the United States. Every so often there is a hullabaloo in the Antipodes about using "yankee transcriptions and putting our people out of work." Thus the less said or inferred about this country in the waxes so much the better.

Once upon a time I bought a series from a sample. It had to do with the experiences of a tramp. But, in the process of production, somebody or other thought it best to change him to a bum. So they had to be done over again. Of course the word "bum" is a vulgarism in the Empire. You remember the skimpy Eton schoolboy jackets called by the kids "bum chillers." Of course the word bloody is likewise taboo. It is used only by the lowest classes. Still, it crept into the "Jimmie Allen" series and caused great grief and repercussions from what corresponds to our PTA's in the Antipodes.

Leaflets

The films have issued a leaflet on how to produce for other English-speaking countries. Somebody ought to do this for transcriptions. Further still, transcription producers should borrow another page from the movies and employ a technical expert to criticize the script in advance of production.

Many a good disc series has been utterly ruined by incorrect dialogue and descriptions. These inconsistencies are so glaring that they immediately detract from the program, and destroy the interest of the well-read and intelligent listener abroad.

Just at this writing mystery detectives are having a popular run. But the nomenclature usually stamps them as much too American. Remember that a policeman is not an officer but a constable in England. The slang is "copper" or "peeler,"

from the days of Robert Peel, who introduced the first uniformed policeman. A plain-clothes-man is a "busy." Policemen go on "beat," not on patrol. Constables are not armed with guns or sticks. They carry small truncheons.

Use of Language

We make many mistakes in producing wax programs to sell automobiles in this country and then try to sell them out of the states. We say "I simply must buy an auto. I lost the street car this morning." This doesn't go over so well in a country where street cars are trams and Gasoline is, of course, petrol. Motor trucks are sometimes lorries.

Trains are in charge of "guards" who wave flags and blow whistles. Only on special class trains are there conductors, but neither guards nor conductors have anything to do with tickets. These are issued by booking clerks at the point of departure and collected at the destination at the barriers, unless collected by traveling ticket inspectors aboard the trains. There is no express service for baggage. "Baggage" is "luggage," and is handled by the brakesmen on the trains. Luggage is stored in the luggage van where the guard and brakesmen travel.

There is a tremendous field today in producing and selling American-made transcriptions to other countries. But the picture is changing. The utter neglect of American radio producers has meant that many countries have been forced to install their own recording equipment and facilities. They are buying fewer programs from the United States. American producers must have a universal interest in programs if they are to command a ready sale elsewhere.

Programs

Programs should deal with subjects of human interest, of historical value perhaps, of world importance certainly. They should be dramatized professionally, after first being adequately cast.

One prime factor in producing programs with a universal appeal is in the climination of national prejudices, but with the retention of certain national characteristics. The finest of national characteristics have been incorporated in the building of what we like to call the culture of the English-speaking race.

Shows can be cleverly woven around national figures who have contributed to the growth of this culture. Care, however, should be exercised not to Americanize them. A more logical treatment of programs dealing with foreign locales, foreign action and foreign thought is

necessary. The effort of many American armchair travellers, who have never been outside the bounds of the native states, and who attempt to write "foreign" stories, only make American programs ridiculous in the eyes of foreign audiences

Universal Appeal

A good universal program is like a piece of tapestry. The foreign elements are the colors which stand out untouched and unaffected by the surrounding elements, yet blending to harmonize into one beautiful composition.

For instance, Pasteur was a Frenchman, but his work is universal and a grippingly interesting program, loaded with human interest and color, could be made in much the same way that the screen masterpiece was created. To how many countries throughout the world has the Pasteur treatment brought relief, even to the saving of life?

Such a transcription should present the trials and struggles of Pasteur, and then vignettes of incidents throughout the entire globe...the frozen North...a small town in the Western states...shivering coolies in India...starving refugees in the Orient. The vignettes are endless.

The idea might even be expanded into several series of programs as a sort of "Gallery of Universal Heroes," the glorification of those universal workers who contributed valuable service to civilization and humanity.

Commercial Disks

Commerce and industry could be scanned for still more wax programs. The native tapping the rubber tree starts something which contributes greatly to our automobile jaunts. The coffee picker makes his contribution, too. Even tea leaves could furnish a thrilling romantic adventure from the moment it is picked away up on the Himalayas, and its course traced to the final brewing. The tiny leaf passes through the hands of many distinct nationalities. It is carried over practically every method of transportation.

If every article necessary to human life were treated in this way, an amazing and limitless field would be opened up. A constructive educational program, filled full of romance, adventure, mystery and human drama, would go a long way towards bringing better understanding and harmony.

After all, what is the majority of people throughout the world today doing but helping to provide something for the other fellow at a profit!

MUSIC BY WIRE

Its History and Present Status

TRANSMISSION of music by wire not only antedates radio broadcasting but it precedes the invention of the telephone by Alexander Bell. Every book on sound transmission speaks of the reproduction of a musical note or notes over wires long before the transmission of articulated speech.

Telharmony

Like the talking picture, many were the attempts before transmission of music commercially by wire became successful. In 1907, Dr. Thaddeus Cahill transmitted a type of electrical organ music via telephone wires. He called his service "Telharmony," and characterized it as the new art of electrical music. However, it shortly passed into the limbo of forgotten things, because it was transmitting an electrical type of sound and not the music of instruments, with which the public was acquainted.

In 1911, Major General George O. Squier patented a system of transmitting sound by carrier current over electrical lines. It was this system under which Wired Radio, Inc., first functioned.

Cleveland Experiment

In 1923, Wired Radio, Inc., a subsidiary of The North American Company, obtained a license under these patents, as did the A. T. & T. and a Canadian corporation. However, before these licenses were obtained, experiments were made in transmitting music by wire. It was 1925 before anything was done commercially. In that year, Wired Radio, Inc., experimented in Staten Island, transmitting musical programs to the home over the lines of the Staten Island Electric Light & Power Co. The results of this experiment led to Wired Radio, Inc., locating an experimental laboratory at Ampere, New Jersey, in January, 1929, for the purpose of building apparatus for a further experiment in Cleveland. The first Cleveland experiment was made in 1930 and lasted for approximately a

In 1933, the second Cleveland experiment took place, with the problem of transmitting musical programs to the whole city of Cleveland under discus-Cleveland is spread out over a great area, and the problem was to generate enough energy to cover the entire city. It was solved, and in August, 1935, the Muzak Corporation of Ohio started transmitting entertainment over

power lines of that city.

In New York City, in July, 1931, an organization known as Wired Music, Inc., conceived the idea of transmitting, over telephone wires, musical entertainment to restaurants and hotels. It functioned from 1931 to 1936, handicapped by the lack of a source of well-recorded music and limited capital.

The Muzak Corporation of Ohio's experiment continued from August, 1935, to February, 1936, when it was discontinued, and the Muzak Corporation moved

to New York.

Programming

And so the transmission of music by wire is brought up to date, for in 1936, Muzak Corporation started operating in New York City. At that time, it absorbed Wired Music, Inc. The basis of the service was transmission of music properly programmed for the hour of the day to the outstanding restaurants in New York City. This service has grown until it now serves over four hundred subscribers.

In 1936, also, continuing the experiments in the transmission of sound over power lines, Wired Radio, Inc., installed a complete system in the New York Taft Hotel; the system now is over two years

Muzak is basically part of the entertainment field, and it was no surprise to the broadcasting field when announcement was made on May 14, 1938, that Muzak would be part of the Warner Bros. Pictures organization.

Commercial Network

Since that time, Muzak has made many innovations, starting with its plans for a commercial network of bars, grills and restaurants, with advertising restricted to products that are sold at the outlets. This network, known as the Muzak Spon-

(Continued on page 550)

Our "call" letters!

P E 6 4 7 4 0

This is the ...

BARNES PRINTING CO., INC.

Broadcasting on a wavelength of

229 W. 28th Kilocycles (St.)

through the courtesy of

Gutenherg

Serving the public 24 hours a day for the past 20 years

SO YOUR CLIENTS "GOING TRANSCRIPTION"

By

CHESTER H. MILLER

President Transcriptions, Incorporated

THE PRINCIPLES of electric recording, or the making of Electrical Transcriptions for radio as they are called, are simple, but the pitfalls for the unwary or uninitiated are many. Therefore, this article will set up guide posts and will attempt to clarify those phases of a spot radio campaign that seem to puzzle many advertising agency executives who are new to that branch of radio broadcasting.

This article is not for the veteran buyer of electrical transcriptions. He probably knows more about it than I do. But, for the advertising executive who is faced with the problem of putting a "radio minded" client, whose product has spotty distribution on the air, this article will, we hope, be helpful.

There are three basic rules which, if adhered to, will assist materially in making a transcription spot campaign successful. We state them briefly in the order of their importance. Rule 1. Make sure your broadcast material is the best obtainable for the price within your budget. But don't chisel. Rule 2. Make sure you contract for the best available time on the best station in the territory to be covered. If your appropriation is limited don't try to buy time on as many low priced stations as possible, hoping to cover as much territory, simultaneously, as is possible. Concentrate. If the campaign is successful in the few territories you do cover efficiently, your client will be easily induced to increase his appropriation. You can then expand your campaign by buying time on a few more good stations and having more pressings made from the original masters on which are recorded the programs already broadcast. Rule 3. Get good recordings made, of the type that best suits your client's needs and pocket book. There are a number of firms that do excellent work. Size of the organization is not a measure of quality. The quality of the recording should be such that the listener's attention is not distracted from the broadcast material by the poor quality of the recording.

There are two methods of recording electrical transcriptions. One is the vertical method in which the cutting stylus operates in a vertical plane at right angles to the surface of the disc being cut. The other is the lateral method in which the cutting stylus moves in a horizonal plane across the surface of the disc.

The vertical method was originally used by Edison in recording. The lateral method has always been used by Victor, Columbia, Brunswick, and others, in the manufacture of phonograph records. With the advent of broadcasting and electrical transcriptions. the method got off to an early start. While many sponsors have used the vertical method, by far the greater number have used the lateral method. One reason for that is cost. Another reason is the adequacy of lateral cut records. The cost of vertical cut records is approximately \$50 per master greater than that of lateral cut records. The agency commission of 15% on the larger amount, as against the same percentage on the smaller amount, is an argument in favor of the vertical method. That is if the client can stand the gaff.

There is another advantage, however, especially where music predominates in the program being recorded. The vertical cut reproduces with higher fidelity and lower surface noise or needle scratch, thereby enhancing the reproduction of the music. In dramatic shows this is not

CHIDNOFF STUDIO

IRVING CHIDNOFF

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NEW YORK CITY

so important. However, much of this higher fidelity is neutralized when the records are broadcast, as many receiving sets will not transmit through their loud speakers all the frequencies that have been cut into the recording, or that emanate from the broadcasting station. Therefore it is a moot question whether the higher quality recording is worth the difference in price. However, "you pays your money and takes your choice."

Remember, as we said in Rule 1, the first consideration is the quality of the material to be broadcast. The preparation of the commercial copy and the program, if any, should be done with the thought in mind that the radio listener is blind. His or her only impression is received through the ears. Therefore copy and program should be designed for auricular rather than ocular acceptance. Otherwise it will not be convincing. Another important thing to remember is that a broadcast does not go out to a "Mass Audience" of several thousands, or hundreds of thousands, or millions. It goes out to that many Individuals or small groups of individuals, each of whom feels that the particular broadcast is directed at him or her personally. It becomes necessary, then, to prepare your material, especially the sales message with that thought in mind. If you have no one really radio wise in your organization, then you should try to make arrangements with a recording firm who have radio experienced personnel.

Before preparing any copy or program, a decision should be made as to the length of campaign, and whether the campaign will consist of one minute announcements, five minute dramatizations or a quarter hour program. Also the frequency of broadcast should be discussed and some tentative figure set.

Once these matters are settled the recording companies should be consulted as to the number of masters needed to complete the series. Costs should be figured and that amount deducted from the total appropriation. Allowance should be made for the approximate number of pressings needed to supply the radio stations, to be tentatively selected.

The next thing to estimate is the cost of producing the announcements or programs. The agency man who tries to chisel his writer's director is a fool. All the listener hears is the show. That establishes his impression of the sponsor.

And let me say right here, that the director of a show is a very important adjunct. The opinion that transcribed shows do not have the spontaneity of live shows is almost entirely due to the directors. Properly handled, an orchestra or a group of actors will always give a spontaneous performance. If you have to chisel, don't chisel on your client's program. These are his house to house salesmen.

Having figured out the cost of your broadcast material, deduct that amount from the appropriation. The balance is to be used for purchasing time on radio stations. Many times I have been asked "How much time can I buy for \$10,000?" Or \$15,000 or \$25,000. A true answer to the first question would be 10 hours on 100 stations whose rate is \$10 per hour or 10 hours on 10 stations whose rate is \$100 per hour. But such an answer wouldn't be helpful to the client. In the first place the question is wrong. The right way to ask the question would be, "I have \$10,000 available for buying radio time. How should it be apportioned?" My answer would be, "Figure out the best time available on the best stations in those cities where your client has, (a) the best chances of making a quick turnover of his product or, (b) the toughest market, necessitating the highest concentration of sales effort. Set aside a certain amount for newspaper teaser ads or radio announcements, provided of course that your client's campaign is a series of entertainment programs. Then buy time on as many stations as the appropriation will cover. It is well to remember that if your client were producing a show on Broadway, he'd certainly wish to call attention to it by other means than just lighting up the theater and opening the doors each night. His radio program needs advertising as much as his product, perhaps more. It is amazing how few sponsors realize this. They'll spend thousands of dollars to produce a radio show to advertise their products, but not a nickel to advertise their show.

Having now set up your costs, go back and check through again to see if anything has been missed. Contact the radio stations in those cities your client wishes to concentrate upon, and get a statement as to the hours available. Check one station against another where there are two or more in each primary listening area to see what program competition your program will be up against at a particular period. It is possible to get all this information direct from the station or from their representative who usually has offices in New York, Chicago, or on the West Coast. If you are a recognized advertising agency you will be entitled to a 15% commission on the station time bought, no matter whether you deal direct or through the station's accredited representatives. All your other prices, such as recordings, pressings, talent writing, etc., will be quoted you as net figures.

Having selected your stations you are now ready to make your recordings. Let your contracts for station time, for talent, and for recording. Be sure to allow sufficient time before your opening broadcast date, as accidents, illness, mechanical difficulties and shipping upsets may delay the arrival of your finished pressings at the stations. If you follow the suggestions contained in this article, we feel sure you will have a pleasant and more successful radio transcription campaign.

In closing, here are a few "Don'ts." Don't try to chisel your radio writer or talent. Your show is the "Open Sesame" to the homes of your client's potential customers.

Don't try to chisel your recording firm. There are many incalculables included in his recording prices that may help to make or break your spot campaign.

Don't expect to get something for nothing. You'll get cheated every time. Don't judge a radio station by its wattage. There have been many cases where the listening audience in a 250 watt station's primary listening area, is far greater than that of a five, ten, or even fifty thousand watt station in the same area.

Don't use five minute spots when one minute announcements will do a better job.

Don't use a fifteen minute program once a week, when what your client needs is product identification reiteration.

Don't spread your appropriation too thin on stations. Remember you can always start on one good station, and if your campaign is well planned, sales in that particular territory will pick up, which will phase the client who will be more willing to open his coffers and increase his appropriation. His programs are already recorded. All that is necessary for you to do is order additional prints or pressings and buy time on additional stations.

Don't be afraid to consult with or ask questions of your recording firm. Don't be misled by the statements that the radio listener resents transcriptions. It's the "bunk." The show's the thing.

Don't judge a recording by the furniture in the reception room. That isn't where records are made.



MUSIC BY WIRE



(Continued from page 545)

sored Program Service, has already passed the first hundred outlets. Supplementing its musical service, it brings the bars, grills and restaurants a comprehensive program of news and sports, together with time announcements. It is developing a new type of selling in which there is no lag between "ad" and sale.

The Muzak Corporation, through its sponsored network, is in a position to deliver "guaranteed listening circulation." It is this ability to deliver listeners on the line that makes its possibilities so great.

This is just one of the many Muzak innovations, which include a network for showrooms in the garment district, a "Music for Industry" division, and a service which delivers Music by Muzak and four local radio stations, all at a peak of production, to a certain number of apartment houses.

"Music by Wire," just as much as radio broadcasting, is here to stay. It presents its own sponsor problems, its own program problems. It is developing its own personnel. It is as new as tomorrow's newspaper, yet as old as tomtoms. Its job is specific—to reach a definite number of people at a definite place or series of places at a definite time. Radio broadcasting's job is general, reaching an indefinite number of listeners at a multiple number of places. One supplements the other but neither is interdependent.

American Society of Composers, Authors and Publishers

By JOHN G. PAINE

General Manager

THE American Society of Composers, Authors and Publishers is a voluntary, non-profit association of men and women who write music, together with their publishers. It was organized in 1914 by the late Victor Herbert and a few of his contemporaries. The purpose of the organization is twofold: first, to provide a simple mechanism whereby persons desiring to use music in quantity in the conduct of their business can readily obtain a license to do so, and secondly, to assist the members of the association in adequately protecting their property from unauthorized use.

To effectuate these purposes, ASCAP grants licenses to commercial users and collects the license fees for such use. The revenue collected by ASCAP, after operating expenses have been deducted, is entirely divided every three months among the members of the Society and of the foreign performing right societies with which the American Society is affiliated.

The shares thus sent to the men and women who write music constitute an encouragement to them to continue in the field of writing music, and thus assures to the users of music a constant supply of new songs and other compositions.

The Society today is probably the most practical means extant for assuring America of a musical future and conserving the musical culture of the country, and is rather universally so recognized.

The rights under which the Society operates have been the subject of innumerable litigations, and in each instance thus far, the rights have been upheld and judgments rendered in favor of the Society, permitting the Society to grant the licenses and to collect reasonable fees for the public performance of copyrighted musical works.

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Society of European Stage Authors and Composers, Inc.

By PAUL HEINECKE

President

One of the most important organizations in the music world, SESAC administers and controls performing rights, as well as mechanical and synchronization rights, in approximately 125 catalogues of American and foreign publishers and organizations. Through its Standard Radio Broadcasting Performance License approximately thirty thousand musical compositions covered by copyright from those catalogues are licensed by SESAC for performance to radio stations.

Increasing rapidly during the past few years, the roster of SESAC licensed broadcasting stations was near the 600 mark at the close of 1938. This group embraces practically all networks and stations, large and small, of commercial importance. Music made available to these broadcasters by SESAC includes a vast and diversified international repertory of copyrighted compositions and works. Also included among material ready for use by the broadcasting industry are a wide variety of operettas, musical comedies, symphonic orchestral works, plays, dramas, and radio sketches. Numerous SESAC transcriptions and recordings including those by the leading transcription and record companies, are in constant use by radio stations.

Relations with stations are handled by the organization's executive headquarters in New York City and by traveling representatives visiting the various radio stations. A program service department is maintained by SESAC, also in New York, whose function is to assist the stations in matters of program, music and copyright clearance.

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Accordion Music Publishing Co., New York Deiro, Pietro Adler (see Edition Adler) Albright Music Company (see National Music Co.) Alford, Harry L., Chicago Altschuler, J.; Warsaw American Music, Inc. (See Cross & Winge) Apollo Music Company; New York Arct, M.; Warsaw Ashmall Company, Wm. E. (See McLaughlin & Reilly Co.) Barnes, A. S. and Company, Inc.; New York Barwicki, K. T.; Poznan Beirly Company (See Chart Music Publishing House, Inc.) Belmont Music Company (See Cole) Berge Music Co. (See McLaughlin & Reilly Co.) Braun, Hubert J.; Chicago Braun Music Co. (See Braun, Hubert J.)

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Warsaw

Gospel Music Publications; Chicago

Popular Music Publications (See National Music Company)

Preeman (See Cole)

Pro Arte (See Editions Pro Arte)

"PWP" Przedstawicielstwo Wydawnictw Polskich (Association of Polish Publishers); Warsaw

Radio City Guitar Studio; New York
Rialto Music Publishing Co.; New York
Rodoch (See Ediciones Rodoch)

Rodriguez (See Ediciones Rodoch)

Rondo Verlag; Berlin-Zurich (Switzerland)

Rudnicki, Walery (See Edition "Jastrzab")

Rzepecki (See Edition "Jastrzab")

Sajewski, W. H.; Chicago

Schmitt Music Company, Paul A.; Minneapolis

Schuberth, Edward, & Co., Inc.; New York

Seemann (See Harmonie-Verlag)

Select Music Company (See National Music Co.)

SESAC Publications; New York

Seyfarth, G.; Lwow

Singenberger, John (See McLaughlin & Reilly Co.)

Singenberger, Otto (See McLaughlin & Reilly Co.)

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Standard Music Company (See National Music Company, Inc.)

Standard Songs (See National Music Company, Inc.)

Thorsings Musikforlag, Alfred; Copenhagen
Towarzystwo Wydawnicze Muzyki Polskiej;
Warsaw

Union de Compositores; Barcelona, Spain

Urgelles, J.; Barcelona

Urmeneta (See Ediciones A. Urmeneta)

Vincent, Howard & Preeman (See Cole)

Vitak-Elsnic Co.; Chicago

Warde Company, Harry (See Chart Music Publishing House, Inc.)

Warszawskie Towarzystwo Muzycne (Warsaw Music Society); Warsaw

Western Accordion Music Company (See Chart Music Publishing House, Inc.)

Westmore Music Corporation (See Cross & Winge)

Windsor Music Company (See National Music Co.)

"W.J.R." (See Edition "Jastrzab")

Yanguas, Mariano; Madrid

"Zaiks" Zwiazku Autorow, Kompozytorow I Wydawcow; Warsaw (Authors-Composers and Publishers Associa-

tion of Poland)

SESAC also controls all performing rights to the compositions and works as indicated, of the following:

Eulenburg, Ernst; Leipzig (Symphonic Orchestral works)

Fischer, Verlag, S.; Berlin (Radio plays)

Gordon, Paul; Berlin - Paris (Radio plays, one act plays, sketches, scenes, skits, short stage plays and short operettas)

Lienau'sche Musikverlage; Berlin
Carl Tobias Haslinger; Vienna
H. R. Krentzlin; Berlin
Musikverlag Haslinger; Vienna
Musikverlag Adolf Koester; Berlin
Schlesinger'sche Buch & Musikhdlg; Berlin
Otto Wernthal; Berlin

Reinecke, Gebrueder; Leipzig

including:

Joh. Foerster; Pirna Gustav Haushahn; Madgeburg J. Loebel: Zittau

Rich. Noske; Borna

Schuberth, Jr., Fritz; Leipzig (Symphonic Orchestra Works and Chamber Music)

Steingraeber Verlag; Leipzig (Orchestral works and Chamber Music)

Vieweg, Chr. Friedr.; Berlin (Orchestral Works, Chamber Music and Musical Dramatical Works)

American Society of Composers, Authors and Publishers

(Continued from page 552)

Summy, Clayton F., Co.
Superior Music, Inc.
Tesio, P., & Sons
Major Music, Inc.
Tesio-Major, Inc.
Victoria Publishing Co.
Villa Moret, Inc.
Vogel, Jerry, Music Co., Inc.

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WPA FEDERAL THEATER A RADIO DIVISION A

	Managing Director
Ivan Black	anager of Department of Information
Elsie Dick	
Oliver W. Nico!	Production Manager
Morris Segal	Manager of Technical Department
Hal Stephens	Business Manager
Brian J. Byrne	Director
Charles Crumpton	
Edward R. Downes	Director
Al Garry	Director
George Randall	Director
Karl Schulz	Musical Director

One of the finest non-commercial organizations in the radio field, the WPA Federal Theater Radio Division, since its inception March 23, 1936, has received more than \$4,500,000 in free time from networks and individual stations. That figure is more than ten times larger than the entire cost of the project, which is confined to salaries for 150 persons who would ordinarily be among the unemployed. Audience listening to the project's radio presentations has been conservatively placed at 10,000,000 persons weekly, all served by a competent staff of writers, producers, actors, technicians and sound men who combine to present the finest in educational and cultural broadcasting.

Here is a list of the Radio Division's 1938 series:

- 1—THEIR GREATEST STORIES over WOR, MUTUAL and CANADIAN NETWORKS.
- 2—TISH by Mary Roberts Rinehart over WABC and the COLUMBIA NETWORK.
- 3—EPIC OF AMERICA over WOR, MUTUAL-CANADIAN NETWORKS.
- 4—PROFESSIONAL PARADE over WJZ and the BLUE NETWORK of NBC.
- 5—CHORAL CONTRASTS over WOR and the MUTUAL NETWORK.
- 6—SAFETY MUSKETEERS over WABC and the COLUMBIA NET-WORK.
- 7—THE WORLD IS YOURS over WJZ and the BLUE NETWORK of NBC.
- 8—TREASURES NEXT DOOR over WABC and the COLUMBIA BROAD-CASTING SYSTEM.
- 9—DRUMS over WOR, MUTUAL and CANADIAN NETWORKS.

- 10—MR. MERGENTHWIRKER'S LOBBLIES over WOR, MUTUAL-CANADIAN.
- 11-MEN AGAINST DEATH over WABC and the CBS NETWORK.
- 12—ACCIDENT PREVENTION Series over WOR.
- 13—ONCE UPON A TIME—WOR-MUTUAL BROADCASTING SYSTEM.
- 14—HISTORY IN ACTION over WHN and WNYC and the INTERCITY NETWORK.
- 15—PIONEERS OF SCIENCE over WLW LINE, INTERCITY and WINS.
- 16—LITERARY FORUM over WHN and the WLW LINE.
- 17—SYMPHONIC DRAMAS over WQXR and WNYC and INTERCITY NETWORK.
- 18—GILBERT AND SULLIVAN over WQXR and WNYC and INTERCITY NETWORK.
- 19—JULES VERNE over WHN and the WLW LINE.
- 20—BACKSTAGE INTERVIEWS over WHN and the WLW LINE.
- 21—OPERETTA MEMORIES over WMCA, INTERCITY and WINS.
- 22-THIS WAS NEWS over WHN. WLW LINE and WINS.
- 23—EVENING SERENADE over WMCA and the INTERCITY NETWORK.
- 24—SERENADE AT EIGHT over WMCA and the INTERCITY NETWORK.
- 25—EXPERIMENTS IN SYMPHONIC DRAMA over WNYC and the INTERCITY NETWORK.
- 26—THE NATIONAL PUBLIC HOUSING CONFERENCE Series over WHN and the EMPIRE STATE NETWORK.
- 27—FAMOUS SHORT STORIES over WHN and the EMPIRE STATE NETWORK.
- 28—OUR NEIGHBORHOOD, WNYC and INTERCITY.
- 29—WHAT GOOD IS ART? WNYC and INTERCITY.
- 30—OUT OF THE HALL OF RECORDS, WNYC and INTERCITY.
- 31—OSCAR WILDE'S PLAYS over WQXR.
- 32—BACK TO BUSINESS over WNEW.
- 33—TRAGEDY OF MAN over WQXR.
- 34—EXPLORING THE ARTS AND SCIENCES over WQXR.
- 35—FOUR ARTS FORUM over WHN.
- 36—CONTEMPORARY THEATRE over WOXR.

In addition to these programs, the Radio Division has presented many programs of local value only, including musical, educational and cultural shows. Noteworthy is the fact that due to the success of the project, branches have been established throughout the country, all fed by the parent body in New York City, and all seriously engaged in the broadcasting field today.

Material success of the project is also not to be overlooked. There is a constant exchange of talent, for as the entertainers move into the professional ranks, new aspirants are taken into the fold, but the staff number of 150 never varies.

Public and press acceptance of the Radio Division has been unanimous. The top honor came to the project in the past year when the Women's National Radio Committee gave its 2nd award to "Epic of America" for its educational value to the radio listeners.

JHOWMAN'J CALENDAR

── FOR 1939 ──

-JANUARY-

- 1: New Year's Day (In all the States, Territories, District of Columbia and possessions). Paul Revere Born (1735). Proclamation of Emancipation (1863).
- 4: Utah Admitted (1895). New Mexico Admitted (1912).
- Anniversary of the Battle of New Orleans (Louisiana).
- 17: Benjamin Franklin Born (1706).
- Robert E. Lee's Birthday (Alabama, Arkansas, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee, Virginia).
- 21: Stonewall Jackson Born (1824).
- 29; McKinley Born (1843).
- 30: Franklin D. Roosevelt's Birthday.

-FEBRUARY-

- 3: Horace Greeley Born (1811).
- 4: Col. Charles A. Lindbergh Born (1904).
- 5-12: National Boy Scout Week.
- 7: Charles Dickens Born (1812).
- 9: Nebraska Admitted (1867).
- 11: Thomas A. Edison's Birthday. Daniel Boone Born (1734).
- 12: Lincoln's Birthday (Alaska, California, Connecticut, Delaware, Illinois, Indiana, Iowa, Kansas, Kentucky, Michigan, Minnesota, Missouri, Montana, Nevada, New Jersey, New York, North Dakota, Ohio, Oregon, Pennsylvania, South Dakota, Tennessee, Utah, Virgin Islands, Washington, West Virginia, Wyoming).
 Georgia Day.
- 14: Valentine's Day. Admission Day (Arizona).
- 15: Destruction of the Maine (1898).
- 22: Washington's Birthday (All the States, Territories, District of Columbia and Colonial Possessions). Ash Wednesday (First Day of Lent)
- 27: Henry Wadsworth Longfellow's Birthday. First Railroad Charter (1827).

-MARCH-

- 2: Texas Independence Day.
- 3: Maine Admitted (1820). Florida Admitted (1845). First Postage Stamp used in U. S. (1847).
- 4: Pennsylvania Day.
- 5: Boston Massacre (1770).
- 7: Luther Burbank's Birthday (California).

- 17: St. Patrick's Day.
- 21: First Day of Spring.
- 22: Emancipation Day (Puerto Rico).
- 25: Maryland Day.
- 30: Seward Day (Alaska).

-ARRIL-

- 1: All Fools' Day.
- 2: Palm Sunday.
- 6: War Declared with Germany (1917).
- 7: Peary Discovered North Pole (1909). Good Friday.
- 8: Battle of Appomatox (1865). Louisiana Admitted (1812).
- 9: Easter Sunday
- 9: Surrender of General Lee (1865).
- Halifax Independence Resolution (North Carolina).
- 13: Thomas Jefferson's Birthday (Alabama).
- 14: Assassination of Abraham Lincoln.
- 19: Patriot's Day (Maine, Massachusetts).
- 21: Anniversary of Battle of San Jacinto (Texas).
- Morton's Birthday (Nebraska). Arbor Day (Nebraska).
- 23: William Shakespeare Born (1564).
- 24: First Newspaper Issued in America (1704). U. S.-Mexico War (1846).
- 25: War Declared with Spain (1898).
- 26: Confederate Memorial Day (Alabama, Florida. Georgia, Mississippi). Slavery Abolished in U. S. (1865). First Shot of War with Germany (1917).
- 27: General U. S. Grant Born (1822).
- 28: President Monroe Born (1758).
- 29: Daylight Saving Time Starts.
- Louisiana Purchased, Washington Became First President (1789). Rhode Island Settled (1636).

-MAY-

- 1: May Day.
 Child Health Day.
 Labor Day (Philippines).
 Dewey's Victory in Manila (1898).
- 2: Stonewall Jackson Shot (1863).
- 5: Napoleon's Death (1821).
- 7: Lusitania Torpedoed (1915).
- 10: Confederate Memorial Day (Kentucky, North Carolina).
- 11: Minnesota Admitted (1858).
- 12: Florence Nightingale Born (1820).
- 14: Mother's Day (2nd Sunday).

- 20: Anniversary of the Signing of the Mecklenburg Declaration of Independence (North Carolina).
- 21: Lindbergh's Flight to Paris (1927).
- 23: South Carolina Admitted (1788).
- 24: First Telegraph Message Sent (1844). Empire Day (Canada).
- 29: Wisconsin Admitted (1848).
- 30: Confederate Memorial Day (1848).

 Memorial Day (In all the States, Territories,
 District of Columbia and Colonial Possessions,
 except Alabama, Arkansas, Florida, Georgia,
 Louisiana, Mississippi, New Mexico, North Carolina, South Carolina, Virginia and Tennessee).

-JUNE-

- 1: Kentucky Admitted (1792). Tennessee Admitted (1796).
- 3: Confederate Memorial Day (Tennessee). King's Birthday (Canada). Jefferson Davis' Birthday (1808).
- 6: Nathan Hale's Birthday (1756).
- 8: Battle of New Orleans (1815).
- 10: Franklin Drew Lightning From Sky (1752).
- Harriet Bcecher Stowe's Birthday. Fiag Day.
- 15: St. Swithin's Day. Arkansas Admitted (1836). Pioneer Day (Idaho).
- 17: Bunker Hill Day.
- 18: Battle of Waterloo (1815).
- 19: Beginning of War of 1812.
- 20: West Virginia Day.
- 21: Longest Day in Year.
- 23: Penn Signs Treaty of Peace with Indians.
- 26: First American Troops Land in France (1917).

-JULY-

- 1: Battle of San Juan Hill. Dominion Day (Canada). Battle of Gettysburg (1863).
- 2: Carfield's Assassination (1881).
- 3: Idaho Admitted (1890).
- 4: Independence Day.
- 10: Wyoming Admitted (1890).
- 11: John Quincy Adams Born (1767).
- 13: Forrest's Day (Tennessee).
- 24: Pioneer Day (Utah).
- 25: Occupation Day (Puerto Rico).

-AUGUST-

- 1: Colorado Day. Beginning of World War (1914).
- 3: Civic Holiday (Canada).
- 10: Missouri Admitted (1821).
- 13: Occupation Day (Phillipines).
- 15: Panama Canal Opened (1914).
- 16: Bennington Battle Day (Vermont).
- 20: Benjamin Harrison Born (1833).

-JEDTEMBER-

- 4: Labor Day.
- 6: Lafayette Day.
 President McKinley Assassinated (1901).
 First Battle of the Marne.
- 9: Admission Day (California).
- 12: Defender's Day (Maryland).
- 17: Constitution Day.
- 22: Nathan Hale Executed (1776).
- 23: First Day of Autumn.
 American Indian Day (4th Friday).
 Daylight Saving Time Ends.

-OCTOBER-

- 1: Missouri Day.
- Wright Brothers Took First Long Distance Flight in Airplane (1905).
 Yom Kippur (Hebrew).
- 8: Chicago Fire (1871).
- 9: Fraternal Day (Alabama).
- 12: Columbus Day.
- 14: Farmer's Day (2nd Friday) (Florida).
- 18: Alaska Day.
- 19: Surrender of Cornwallis (1781).
- 27: Navy Day.
- 29: National Girl Scout Week (Ends Nov. 4).
- 31: Hallowe'en.
 Admission Day (Nevada).

-NOYEMBER-

- 1: A!l Saints' Day (Louisiana). North and South Dakota Admitted (1889).
- 4: John Thilip Sousa Born (1854).
- 7: Montana Admitted (1889).
- 11: Armistice Day. Washington Admitted (1889).
- 16: Oklahoma Admitted (1907).
- 17: Suez Canal Opened (1869).
- 30: Thanksgiving Day.

-DECEMBER-

- 3: Illinois Admitted (1818).
- 7: Delaware Day.
- 8: Eli Whitney Born (1765).
- 11: Alfred Nobel Born (1833).
- 12: First Marconi Wireless Across Atlantic (1901).
- 16: Boston Tea Party (1773).
- 21: Shortest Day of Year.
 Pilgrims Landed at Plymouth Rock (1620).
 Woodrow Wilson's Birthday (South Carolina).
- 25: Christmas Day.
- 29: Iowa Admitted (1848).
- 31: West Virginia Admitted (1862). New Year's Eve.
- ARBOR DAY is observed in states on different days, usually in the Spring. The dates in the same states often vary from year to year by proclamation.



STUDIO OF COMMERCIAL ART

1560 Broadway, N. Y. C. Phone: BRyant 9-4153-4

Catering to the Artistic Needs of Radio Advertising

PROMOTION DIGEST

101 Tried and Proven Showmanship Ideas

Compiled by

TED LLOYD

of the Staff of RADIO DAILY



THE following compilation of promotional and exploitation material represents a selection of successful stunts employed by stations, sponsors, agencies and station representatives during the past year. RADIO DAILY welcomed these contributions to its columns. Herewith, one may find material credited to a station or party which had been done before by another. RADIO ANNUAL does not assume ownership of the foregoing material nor does it necessarily signify that the basic idea for the tried stunt originated with the credited source.

From year to year this section will be abreast with the trend of the times and it is hoped that advertising, publicity and exploitation people representing all branches of radio will continue to send their brain children to RADIO DAILY for publication.

To all we acknowledge our indebtedness in helping us compile this section.

Users of digested material are cautioned to bear in mind any local laws that prohibit prize contests or giveaway stunts or such contests that may come under the classification of lotteries.

DISPLAY

"Lone Ranger" Campaign

"The Lone Ranger," now being carried on WCKY, Cincinnati, by Schulze Baking Co. in behalf of Butter-Nut Bread and Dolly Madison Cakes, carries with it probably the most intensive promotion campaign in the history of Cincinnati radio advertising.

All Schulze driver-salesmen are wearing 10-gallon cowboy hats, red bandanas and large badges publicizing the program, on their daily raunds. The men have also placed wall and window signs in 3,500 bread outlets in Greater Cincinnati, in addition to 7,000 pennants calling attention to the "Lone Ranger" broadcasts.

For two weeks, every loaf of Butter-Nut Bread sold in Cincinnati and vicinity was banded with a special red label, giving the time of the program on WCKY. Bread wrappers also have the program information and these will be used indefinitely.

The entire campaign, with explanations of premiums to be given later, was outlined at a meeting of the driver-salesmen at the Sinton Hotel prior to the first broadcast.

Sea Food Campaigu

To promote its popular Housewives' Protective League, conducted by Fletcher Wiley over KNX, Los Angeles, Superior Sea Food Co. placed on each of its new delivery trucks a large painted sign calling attention to the show, aired daily, Monday through Friday. Broadsides and "teaser" announcements to the retail trade were also used. Hillman-Shane Advertising Agency has the account.

News Bulletin Board

WHBF, Rock Island, has constructed a news bulletin board in the lobby of the Safety Building where they have their Rock Island studios. Latest news bulletins, both local and U.P., are posted on the board immediately after broadcast. It is particularly convenient for office workers who are unable to listen to radio during working hours. Board also lists the times of regular WHBF newscasts.

KELO Jell-O Weight Guessing

A shimmering, shivering, towering mold of Jell-O, reputed to be the world's largest Jell-O dessert, was displayed recently by the KELO-KSOO Merchandising Department in the show windows of Sioux Falls (S. D.) Gas Co. The

giant dessert was made in specially constructed molds and placed inside a large Electrolux Refrigerator. Hundreds visited the exhibit to inspect the unusual display and enter a contest to estimate the weight of the Jell-O dessert. First prize was awarded to a theater employee who estimated the weight at 92½ pounds... just one ounce more than the correct weight. All contestants were given Jell-O recipe books and General Foods' Radio Brevities Magazines.

According to reports received by the KELO-KSOO merchandising department, Jell-O sales response in the Sioux Falls territory has been extremely gratifying.

KGER's Billing

A baker's dozen of thirteen fullsize bill-boards are now telling the population of Long Beach, California, about some of KGER's features. The printed posters carry the station's call letters in enormous block letters, with side designs emphasizing World Broadcasting System and Transradio "News On The Hour, Every Hour." Deal was made with Associated Outdoor Advertising Company.

Picture Tie-in

For showing of "The Big Broadcast of 1938" at a local theater Hal Scher of WKY, Oklahoma City arranged a lobby display of a large colored board showing stills of various studio and transmitter scenes of WKY programs and a shelf in the foreground upon which were placed various types of microphones, five in number, as used from 1928 to the present day. Backboard of the display said, "The Big Broadcasts of 1938 will be heard on WKY."

STUNT

Local Talent Build-up

WHK-WCLE, Cleveland, this week instituted a special promotional campaign among radio editors throughout the country to build an interest in local talent. Each release sent out by station will feature a thumbnail sketch of one artist, and editors will be requested to build a morgue from the material for immediate reference. Series of releases are to start this month.

Consumer Preferences

Open-minded research of buyer preferences is being inaugurated by WORL, Boston, in a

new sidewalk interview feature. Object is to stimulate buying of all commodities, and show spots a "What and Why" announcer in front of Repertory Theater, armed with questions on what each candidate prefers to buy, where he buys it, and why. Listeners supply questions, and statistician tunes in to the answers, tabulating the results, which are forwarded weekly to various businesses concerned. W. Cort Treat, station manager, eyes the stunt as a human interest and good will builder.

Dual Tie-up Stops Traffic

KFXJ's "Saturday Inquiring Reporter," added to the traffic problems in Grand Junction, Colo., during a joint tie-up airing between the local theater showing "Adventures of Tom Sawyer" and a boys' clothing store selling Tom Sawyer Boys' Clothes. Tickets for the movie were distributed at reduced prices at the store. The broadcast resulted in bringing over 1.000 boys and girls to both store and theater.

Forest Preservation

WTOC, Savannah, has been working with the Timber Protective Association in offering calls to the TPA trucks, directing them to the scene of fires, which, if not checked early, would do untold damage to the forests of inestimable value in production of pulp for paper manufacture. As soon as a fire is reported to WTOC a call is broadcast which speeds the fire trucks to the scene of the fire in a matter of minutes. The station has been highly commended for its aid. Other stations have now taken up this novel and noble service.

A "Piece" of the Studio

With WEW's \$70,000 studios scheduled for completion next month. General Manager A. S. Foster had 500 pieces of celotex cut and painted with the studio color design and mailed them to advertising agencies and advertisers with a letter which started: "Herewith enclosed a piece of our new studios." Letter plugged the station's achievements since going commercial last September.

Newcomers Welcomed

New residents of Fort Worth, Texas, receive personal invitations to visit the WBAP studios and witness a program in a new promotion just originated. Letter urges newcomers to listen to the station regularly and keep posted on its programs through columns of Fort Worth Star-Telegram. Lists are obtained from local Chamber of Commerce.

Annual Letter Week

Second annual letter week of WLBC, Muncie, Ind., is now being conducted with object of getting listener reaction to programs of the station and also to determine listener areas. Comparison will be made with first annual letter week of a year ago, when replies were received from 14 per cent of the total radio homes, despite fact that no prizes were offered. More than 3,000 persons responded from 150 towns, with 73.6 per cent of the letters coming from the primary coverage area and balance from secondary zone. Average audience was computed at 133,220.

Candid Camera Night

More than 300 camera fans snapped more than 3,000 pictures when WOW, Omaha, invited them to a candid-camera test recently. Event was held in the studios in cooperation with Eastman Kodak. Two hundred dollars in camera equipment served as prizes. The station has announced that several copies of the rules and regulations are available if other stations are interested.

Used Car Parade

There are lots of automobile parades, but usually with new, shiny cars in line. WROK. at Rockford, Ill., staged a parade of used cars not long ago. The WROK mobile transmitter, also equipped for P.A., had a place in the parade, and Russ Salter, announcer, laid down a barrage of description of the cars in line as the cavalcade wheeled about the city. Several sales of cars in the parade were made.

Cellophane Dollars

Dollars wrapped in cellophane are finding their way around Longview, Texas, in a promotion by KFRO. Idea is a "buy-here" variation, with the wrappers bearing such notation over station's imprint and slogan. Distribution, says station president James R. Curtis, is designed to make "citizens of East Texas more conscious that the radio station is a part of the community and that the money earned by the radio station is spent in the home territory."

Sales Boosts on Bible Dramas

Sunday Players Bible dramas, Mertens & Price production now heard on about fifty American, Canadian, Hawaiian and Australian outlets, is supported by elaborate sales plan, including announcement copy, gift booklets, miniature Bibles, Catholic prayer books, newspaper publicity, photo and mat service, show-print posters, and portable reproducing units which are made available for churches and other organizations desiring play-backs of the programs.

Lucky Doorbell

Holsum Bakers, the Paramount Baking Co. of Salt Lake City, offer 20 new shiny silver dollars daily over KSL to 20 clever Salt Lake homemakers. Stunt is: Miss Holsum actually calls on 20 Salt Lake homemakers in person. If she finds a loaf, or any part of a loaf of Holsum Bread in its wrapper the housewife receives the silver dollar. Names are read over the air with brief dramatization of the testimonial. Stunt was placed directly with Edward Broman, KSL account executive.

Exploit "Alaska" Disc

To exploit the "Alaska" episode of Ports of Call, Atlas Radio transcribed series now running on WREC. Memphis, the station capitalized on the experience of a ve'eran Memphis actor who had been in Skagway in the gold rush days. Special audition was given to Archie League, the old time actor, and his tavorable comments upon the incidents dramatized in the program were used for a feature story. League's verdict also was used for between-program breaks and he was interviewed over the air.

League was operating a show in Skagway at the time of the famed fatal dual between "Soapy" Smith and Frank Reed, an incident dramatized in Atlas' program.

Program is sponsored by Memphis Power & Light.

Used Car Stunt

WMBH, Joplin, Mo., developed a "Battle of Wits" Used Car sales promotion program for the R. & S. Motor Sales Co. of Joplin. The contest features a sales contest between nine used car salesmen, and each salesman appears on WMBH once each day during the week. Prizes are awarded to the salesmen by the company. Each salesman has a booth and a number of used cars assigned to him for the contest, and also a common stock to draw from.

The salesmen were prepared with written copy for their first broadcast "sales talk," in which most of the standardized used car sales talks were presented. Afterwards, they were permitted to go on ad lib, because it was found that they would do better. The original contest was for one week, with a renewal in sight because of its success.

Program aired at 12:45-1:15 P.M.

Telegram a Day

Every day for a week, Buryl Lottridge, commercial manager of KTUL, Tulsa, Okla., wired leading agencies info on the station. Final tele asked their opinions of the statistigrams.

Harvey-Whipple Campaign

The Harvey-Whipple Inc. (oil burners) will start an extensive merchandising simultaneous with its new NBC-Blue network show which begins March 22. Dealers will be supplied with postcards to mail to prospects asking them to listen to the show. Cards will be timed to arrive same day that show is on the air.

Thirty-three thousand dealer broadsides will start off the radio campaign. Radio will be the sole promotion medium in the large metropolitan centers. Company has been a successful user of radio since its inception in 1933.

Canadian Promotions

Inauguration of CBC commercial network found Northern Broadcasting Co. of Canada already in an extensive promotion for CJKL, Kirkland Lake: KKGB, Timmins, and CFCH, North Bay. All three stations carried series of ten and twenty-word station breaks; banners were placed on cars, trucks, and buses; window displays were plentiful; and fourpage brochure was distributed. Promotions directed attention to the major commercial offerings.

Rookie Lowdown

Radio stations KWTO-KGBX, Springfield, Mo., which will broadcast the most pretentious sports schedule in history, has arranged to take advantage of the town being one of the principal farms for the Cardinals.

On April 11th, 300 rookie hopefuls from all sections of the United States will converge on the big modern baseball plant and park in Springfield to work out under the watchful eyes of chief Cardinal officials, including Branch Rickey, Charley Barrett, Pop Kelchner, Joe Schultz, Eddie Dyer, Clay Hopper, and others. Each day during the 20-day training camp period, KWTO will broadcast 30 minutes in mid-afternoon, direct from the field, describing in detail the various activities.

Store Interviews

A survey conducted for WMC, Memphis, by an ad agency, covered actual buyers of goods rather than what the station thought was a considerable number of "stay-at-homes" usually reached by the "phone-call-to-home" method. Operatives were stationed in "selected" food and drug stores to interview customers after they had made purchases. Customers were asked "To which radio station do you listen most regularly?" Of the 1,004 reports, WMC states that 414 customers preferred that station,(leading the second station by 40.8 per cent. Cold & Co., ad agency, used women investigators, hired through the Advertising Distributors of America.

Beating Jules Verne

As stunt to ballyhoo National Air Mail Week, which gets a big play on the air starting May 15, WBBM will dramatize the efficiency and speed of air mail service by sending an ordinary broadcast electrical transcription around the world in 30 days.

Blank aluminum acetate recording will be airmailed from Chicago Municipal airport by Postmaster Ernest Kreutgen to west coast. En route from "Chicago to Chicago" it will stop off at Honolulu, Hongkong, London, Berlin, Rio de Janeiro, Havana, Miami, Washington, D. C. Local postal and aviation officials at each stop will wax a brief salute to the United States Air Mail Service on its 20th anniversary. When recording arrives here its transcribed messages in five different tongues will be aired over WBBM. Final voice will be that of Postmaster General James A. Farley to whom the record will be presented after it has been used.

Record speeded on its way Tuesday with a special broadcast via WBBM's Mobile Air Theater (Trailer Studio) from airport as Postmaster starts it westward over United Mainliner

Egg Hunt

WTMV. East St. Louis, Ill., is staging an egg hunt for an Easter morning program. Special children's broadcast during the week preceding Easter will tell about the Radio Rabbit who is going to strew eggs in the vacant lots about town. On Easter morning announcements will be made every fifteen minutes which will give clues to the location of eggs which the station staff will plant during the night. Prizes will be awarded to the boy or girl bringing back the most bags which are stamped with the station's seal.

WREC's Safety Campaign

WREC's addition of the words "Nation's Safest City" to its usual call slogan, "The Voice of Memphis," has won the approval of Memphis officials who steered the city on its record-making safety campaign to win the National Safety Council's "safest city" award. Clifford Davis, commissioner of police, phoned Hoyt Wooten, WREC president, lauding the addition while Sergt. Forrest Mottweilder, safety officer, paid a visit to WREC studios to voice his approval. Memphis had fewer auto deaths and accidents, and accidents of other causes, than any other major city, beating out Minneapolis for the Safety Council's 1937 award.

Invite the Editors to Bee

KWTO, Springfield, Mo., has a spelling bee, sponsored by Sendol. They invited local editors to appear as contestants in a recent program. The editors did. Stunt resulted in widespread publicity for the program, as well as for other station shows, winning the good-

will of the journalists. Now it is planned to arrange a match for druggists.

Under Mayor's Auspices

The Mayor of Burlington, N. C., himself Is promoting, and the city hall there provides the audition room in connection with "Burlington Junior Radio Club" sponsored by Berg's Bakery and Melville Dairy, aired over WBIG, Greensboro, N. C. The club meets every Saturday morning in the Alamance Hotel, Burlington, which incidentally is 26 miles from Greensboro. Program is further exploited by distribution of circulars with bread and milk sales.

Manly Holland is the WBIG representative in charge of the Burlington studio.

"Candid Camera Night"

Latest unique stunt helping to keep WWJ (Detroit) auditorium broadcasts well attended will be a "Candid Camera Night" staged by Jack Hill, producer of the college comedy show. "House Party." Attendance will be gained by showing a camera at the door. Dress rehearsal will be open to these shooters, who can snap scenes from any angle. Prominent photographers will judge the contest.

Quaker Oats Stunt

A promotion stunt by Quaker Oats Co. in conjunction with its NBC "Dick Tracy" series will create a force of juvenile detectives on the lookout for store robbers. Special window displays being distributed to dealers offer \$100 reward for information leading to arrest of anyone robbing the store. Fletcher & Ellis Inc. is the agency.

Community Fund

A human interest manner of handling its annual Community Fund broadcasts has been instituted by WTMJ, Milwaukee. To bring home to the Milwaukee public specific activities of the Fund and show how money is being used, tours are made via WTMJ's shortwave car to various institutions which are recipients of the Fund's bounty. These include the Orphans Asylum, Goodwill Industries, Visiting Nurse Association, Children's Hospital, Boys' Club and others.

Salesman-Emcee

Marion Beatty, one of WIBW's advertising salesmen and a representative to the Kansas State Legislature, served as master of ceremonies at the recent Democratic Victory Dinner staged by the Kansas democrats and which featured Gov. Walter A. Huxman as speaker. One hundred and fifteen dinners were held over the state of Kansas during this ranual event and all dining halls were equipped with radios and loud speakers tuned to WIBW—the only outlet.

For Stamp Collectors

WCAU, has worked out a merchandising campaign for a new series, "Stamping Around the World," sponsored by the Penn Supreme Ice Cream Co. Sponsor's packages will carry stamp coupons of 1, 2 and 5 denominations, depending on the price of the package, which may be redeemed with a small amount of money for foreign postage stamps. Details will be explained to studio audience of sponsor's dealers on the first broadcast of the series.

Off the Ticker

Agencies and sponsors will receive something of a unique promotional release from WGAR. Ralph Worden, station's news editor, ripped a bulletin from the INS teletype with the news of a boost to 5 kw. for the Cleveland station and pencilled across the top—"Mr. Patt—Flash just rec'd via INS. RW." Bulletin is being photostated for release.

"Search Party" Grows

KCKN's Saturday night "Search Party" program has grown in less than a month to the extent that this week's treasure hunt attracted 32 parties numbering nearly 200 participants. With the final judging aired from the stage of the Electric Theater, the weekly stunt is aired under the sponsorship of eight local merchants, who foot the bill for over \$40 worth of prizes.

CONTEST

Snapshot Contest

A snapshot contest for amateurs will be sponsored by Lehn & Fink Products Corp., on behalf of Lysol, beginning Jan. 31st on the thrice weekly broadcasts of Dr. Allan Roy Dafoe over CBS. Contest will run six weeks. it was announced by Lennen & Mitchell, agency handling the account.

Photos submitted must be of children under 10 years old. They will be judged on basis of health and personality of the child pictured, beauty or originality of the pose or setting, and photographic excellence and human interest. Prizes will be a \$100 U. S. Saving Bond, awarded weekly, a valuable Eastman-Kodak camera, also awarded weekly, and a grand prize at the end of the 6-week period of a \$500 U. S. Saving Bond, to be awarded for best of the six weekly winners.

Angle is that famed Dr. Dafoe, knowing that his famous charges are most photographed kids in the world, would like to know what some others look like. Judges of the contest will be Dr. Dafoe, Wilson Hicks, picture editor of Life, and Norris W. Harkness, director of instruction for the Camera Club.

WJSV Ties Up Phone Service

Larry Elliott, chief announcer at WJSV. Washington, has produced several novel stunts to promote listener interest and response for the "Aladdin's Kitchen" program of which he is emcee and producer. His most recent development seems to be a natural, judging from the tremendous telephonic response which ties up WJSV switchboard during the time the program is on the air.

The gag is to adapt the old game of "Twenty Questions" for air use by having his associate, Elinor Lee, WJSV home economist, ask yes-or-no questions which, by the answers, will serve to establish the identity of the person Elliott has selected for the game. The air audience is then requested to phone in the correct answer; first 25 right answers receiving two tickets for local theater.

The only difficulty is the problem of keeping over-enthusiastic studio auditors from shouting the answer.

A recent day's contest pointed out that the subject was one of the ten best-dressed women of the world; a beauty, according to many judges; married more than once; not in politics but affecting to a great extent the political affairs of a great country; and a woman who wouldn't give up her marriage for a kingdom. The answer of course, was the Duchess of Windsor. Over 150 completed calls came in within 15 minutes.

Successful Tournaments

Approximately \$1,500 in cash prizes will be awarded winners of the WHBF Rock Island, Bowlers Tournament when play closes this week. This promotion broke all records for tri-city bowling, especially for a first year event. A total of 900 persons from 24 towns and cities as far distant as 100 miles entered 1,178 events whereas bowling tournaments sponsored for the past several years by the Rock Island Argus and other tri-city newspapers have pulled only 700 contestants -and only 300 the first year! Entry fees of \$2.10 for men and \$1.65 for women, plus a bowlers' dance, helped raise money for the prize fund. Broadcasts of the tournament play, which has been in progress for the past six weeks, were sponsored on a cooperative basis by local firms. The Nash dealer sponsored a daily broadcast which gave local bowling scores and news of the tournament.

As the bowlers' event closes, WHBF moves on to its second annual tri-city basketball meet to be held for four days beginning today. Twelve tri-city independent teams will play for a trophy to be awarded the winner. Each team pays an entry fee of \$3.00 and admission will be 10 and 25 cents for all games. WHBF's 1937 basketball meet broke all attend-

ance records for independent basketball in the tri-cities. Both the basketball and bowling meets have been under the direction of Ray Anderson.

"Cinderella" Contest

The Elizabeth Arden "Music of Romance" program over MBS has added a contest feature to run until February 8. Idea is to select a "modern Cinderella" from women listeners. The Arden Cinderella will be the writer of the best letter on the topic "What is your most personal beauty problem and why haven't you overcome it?" "Cinderella" will be rewarded by having her "dreams come true," via a trip to New York with first-class accommodations, a three-week stay in the big city at the "very best hotel," and a complete course of beauty treatments in Elizabeth Arden's Fifth Avenue Shop. Cecil. Warwick & Legler handles the account.

Scholarship Contest

A contest with a scholarship as prize has been prepared by Cleveland College, for airing over WHK. Setup calls for five talks of five minutes each to be given by faculty members of the school. At the conclusion of each talk, lecturer will ask five questions. When listeners have figured out all 25 replies and submitted them before deadline, winners will be selected. Talks have been spotted for early evening hours, when students are able to listen.

Sponsors in many cases rate the portable unit on a par with the broadcasts because of personal contacts made possible through presentation of the disks to special groups. First Federal Savings & Loan has four playbacks in constant service.

Go for Playing Cards

A single announcement on Mr. Fixit's Civic Service Program heard nightly on WIL, St. Louis, brought more than 800 replies, each representing an investment of at least \$1. Mr. Fixit offered a deck of playing cards for three coupons each from a can of coffee costing 30 cents, and a dime to cover federal tax on cards. Sponsors of the Civic Service Program, than satisfied with the results from only one the David G. Evans Coffee Co., were more mention of the offer.

Essay Contest

The Made in America Club Inc. is conducting an essay contest on WBNX for boys and girls between the ages of 10 and 14 years. The essays must not be more than 100 words on the subject: "Why All Americans Should Buy American." The children are requested not to stress boycotts but rather a constructive argument as to the far-reaching benefits to be derived from such a movement and particularly its effect on unemployment. The girl and boy submitting the best essays

will receive a bicycle. Runners-up get skates, sleds, books, baseball outfits and musicai instruments, all donated.

Riddle Contest Clicks

A riddle contest, with the program titled "Riddle Me This," has clicked on WTMJ, Milwaukee.

The show, tested as one of a new nightly "quizzer" series with only \$1 prizes, pulled more than 300 responses at its first airing. Contestants represented all walks of life, with such professional men as professors, lawyers and dentists predominating.

The program is handled with an M.C. and a "riddle" man who pops in seemingly from nowhere with his riddle bag, and the two bat the dialogue back and forth. Three conundrums are broadcast for solving and the contestant submits his answers. Transcribed brass band music is used for interlarding.

This is one of three "quizzer" programs which WTMJ is using to build up the nightly 10:15-30 period.

Scottie Pups Free

Dog lovers get an opportunity to win pedigreed Scottie dogs in a new contest aired in conjunction with Steve Severn's "Pet Club of the Air." Saturday afternoon feature sponsored over WOR by Doyle Packing Co. for a dog and cat food. Three pups will be awarded weekly, with contest details to be announced.

Egg-Eating Contest

WNOX and its newspaper affiliate, the Knoxville "News-Sentinel," staged a championship egg-eating contest last week which attracted 2,700 to the studio which only accommodates 700.

Horace Hunnicutt of the "News-Sentinel" acted as the emcee for the program which was aired to the radio audience. Contest will be shown as a part of forthcoming Universal Newsreel clip. The winner, who downed 60 eggs in 55 minutes, was Robert Sauls, a 203-pounder.

Station is now mulling over the possibility of staging a five state egg-eating championship.

KELO's "Cookie Jar"

KELO's "Cookie Jar" program is a children's quizz show in which seven boys and girls of the same grade school classification are chosen to answer especially selected questions with the highest scoring child winning the grand prize. Audience, composed of children, may volunteer to answer a question which one of the contestants fails to know and receive guest prizes for the correct answers. In any case everyone goes home happy as both audience and contestants receive a cookie.

"Covering" the Opera

WHK will cover the appearance of the Metropolitan Opera Company in Cleveland from April 4 to 9, extensively. In advance of the opera season WHK has conducted a series of contests which offered pairs of \$5 and \$4 tickets to adults and \$4 and \$3 tickets to senior high school students who submitted letters of fifty words telling why they enjoyed the opera from which music was presented by Louis Rich and the U.B.C. Concert Orchestra. When the troupe arrives in Cleveland at 11:00 P.M. Sunday, April 3, Nicky Burnett, who has produced the opera contest series will be aboard the train. Engineers will set up remote equipment on the concourse of the Cleveland Terminal, where the arriving celebrities will be interviewed. Homecoming celebrations will be in order for Helen Jepson, Thelma Votipka and Donald Dickson who are Clevelanders.

Before "La Traviata" is presented in Cleveland's Public Auditorium at 8:00 Monday night, WHK will have Ellen Cornell, style expert from the Higbee Company and sponsor of the station's oldest unbroken commercial series, describing the arrival of society, and the formal clothes being worn by the ladies. Les Biebl will don top hat and tails to announce the remote from the Foyer of the Public Auditorium.

TIE-UP

Kiddie Revue Tie-up

Added build-up is being given youngsters starred on the "Kiddies' Revue," KLZ-KVOR amateur variety show, through a personal appearance tie-up completed with managers of Denver's Fox Theater chain by Howard R. Chamberlain, KLZ production manager.

After the show, sponsored jointly by Old Homestead Bread Co. of Denver and Star Baking Co. of Colarado Springs, is aired on Saturday morning, the entire cast presents a variety show from the stage of one of the theaters. Picture house managers cooperate by exhibiting "shorts" designed to attract a juvenile audience.

Bny Time for Schools

Local stationery and office-supply store in GrandJunction, Col., has bought time on KFXJ for program devoted almost entirely to school activities. Station sales department arranged with local school system and Mesa College to handle broadcasts, and airings feature talks by faculty members and various offerings of the different school departments. Brief introductory and commercial plugs satisfy the sponsor. And he sells school supplies.

Cigar Band Tie-up

Tie-up between a kid show and the advertising of cigars is made over KCKN, Kansas City, by using cigar bands (received from fathers) as the admission price for the studio audience. Show consists of a community sing and impromptu stunts by the juvenile audience with Owen Balch acting as the ring master. Candy bars are distributed to those in the audience presenting five or more bands and a grand montly prize of a bicycle is given to the boy or girl scoring the greatest number of points in a cigar-band collecting contest.

"Willie Talks"

Willie is a ventriloquist's dummy, but no Edgar Bergen makes him articulate. Instead, the engineering department of KFRO in Longview, Texas, installed a speaker inside of him, and made him a member of the promotion department. Willie is taken around town, where he gives performances, via clever scripts, before many local service clubs, working in some plugs for the station. He has already appeared at the Lion's Club, and is slated for Kiwanis and Rotary shortly, to say nothing of the Junior Chamber of Commerce.

Lone Ranger Tie-up

With the advent of WFIL's Lone Ranger disk series, department stores sales of cowboy suits, masks, and etc. have skyrocketed. At present station has some 2,500 Lone Ranger troops formed with 10 members to a troop. 18x10 legal-looking charters for the troops are being mailed to 5,000 persons. Average mail received daily is running about 800.

Station has made tie-up with newspaper to carry column of lone ranger news, and with theaters running the movie serial. Safety awards are being made weekly of bronze plaques to the troop making the greatest contribution to highway safety during the week.

Public Library Tie-up

WSAR announces an educational feature, presented in cooperation with the Fall River Public Library. The program, known as "The Bookshelf" is heard Tuesday afternoons at 2:00 P.M. and in addition to mentions of new books added to the Public Library, it calls attention to various works soon to be published and reviews the more important books. At present, a free offer is attracting a large mail response. The program is conducted by Francis J. McLaughlin, Jr., station production manager.

National Guard Tie-up

WLBC has inaugurated something new in military broadcasts in a tie-up between the station and the Muncie National Guard unit. Otts Rush, chief announcer, and Henry Marks, announcer, have worked out a system whereby the questions asked by Captain Elliot Watts of the U. S. Army during his tour of the ranks are aired over the station. The two WLBC announcers follow the Captain with a mike and air every word. Captain Watters, of the local unit, was enlisted to assist the announcers in defining terms for the listening audience.

50,000 "Secret Sixers"

More than 50,000 St. Louis boys and girls are now enrolled in the "Secret Six Clubs," promotional angle on the electrically transcribed serial "Speed Gibson," now about 45 episodes old over WIL. Show is sponsored by Mildland Baking Co. (Toastmaster Bread), through Schaeffer-Brennan agency. Contact between bakery and juvenile "club members" is made by bakery's salesmen-drivers. Latter already have complained of long delays on their delivery routes, while groups of "Secret-Sixers" quiz them on "Speed Gibson."

WBT Shriner Tie-up

In connection with national Shriner's convention to be held in Charlotte on March 23-25, WBT will put on a gala broadcast from I1:30 P.M. to 2:00 A.M. Shriners will salute their home towns and dance music will be broadcast. WBT will also take part in the welcoming ceremonies Tuesday evening, March 22nd. when the Shrine President's train arrives with a thousand or more delegates who will be picked up en route from Kansas City.

Civic Theater Tie-up

Through a tie-up recently completed with Denver's Civic Theaters, KLZ is receiving a valuable good-will build-up by supplying news flashes for presentation over the seven-house public address system on "bank nights" every week.

The air headlines are transmitted to the theater audiences while the drawings are in progress, with a reminder that complete details of the condensed stories will be aired.

Mutual's Network Score

New piece by Mutual's sales promotion department is a large sized card in several colors, more or less of caricature treatment on both sides, with the notation that one of four network advertisers used Mutual in 1937, while in December, one of every three network accounts signed were by Mutual also. Seven out of 21 network shows signed during December went to Mutual.

GIVEAWAY

Spot Picture

Instead of merely writing a series of spots for the prospective client and laying them "cold" on his desk for a reaction, WTMJ, Milwaukee, records them so that they can be heard exactly as they will go on the air and the surrounding talk or music. The recordings are then taken to the client's office and run off on WTMJ's portable audition unit.

This method of sales presentation is also being used for quarter-hour auditions of available live talent shows into which the client's selling has been built. Besides giving the client an opportunity to hear his show in his office before he signs for the airing, the transcriptions can be used by the client.

Seed Offer

Beginning today and for a period of a week thereafter, a special offer of flower-garden seeds is to be made on Procter & Gamble's popular daily series, "The Goldbergs." Continuity of the serial during the week has been written to include episodes concerning a community benefit seed sale. The audience offer specifies one Oxydol box-top and ten cents in exchange for three packets of assorted flower seeds. "The Goldbergs" broadcast Mondays through Fridays, 4:30 to 4:45 P.M., EST. Blackett-Sample-Hummert is the agency.

F. D. R. Visit

On the occasion of President Roosevelt's visit to Columbus, Georgia, Station WRBL distributed folders charting the President's tour of the city. Another co-operative effort by the station was the presentation of 10,000 flags to the city schools for the children to wave when the President's car passed. Goodwill idea was conceived by Jim W. Woodruff, Jr., WRBL manager.

Shut-In Fan Pins

Patients in 28 sanatoriums, fans of Frank Burke's CKLW "San Salute" program, are busy this week designing pins to identify them as Burke fans. The prize-winning design incorporating the idea of "Frank Burke's San Salute . . . 1938," will be made up into a club pin for the listeners. The only requirement for membership in the self-started club, according to Burke, is one must be a sanatorium patient, or have an interest in them to the extent of being a listener during the three "San Salute" programs carried by CKLW, 9:00 to 10:00 A.M. Sundays, and 11:30 to 12:00 noon, Wednesdays and Fridays. Each Wednesday members of the CKLW

staff donate their time to give the shut-ins a variety show. The other two weekly shows are all-request shows with Frank Burke emceeing.

Victor's Record Book

RCA has issued its new "Victor Record" catalogue which incorporates several new features. Besides listing records issued since the last printing, it includes thousands of active-selling Victor and Red Seal numbers and its educational material has been increased. A 4-page pronunciation table of artists, titles and terms is another new feature.

Bial Chart Offer

On the occasion of its first anniversary the New York WPA radio unit is offering to listeners of all its programs a Magic Radio Dial Chart which classifies the 23 New York stations as to frequency and as to whether they are full or part time stations. Announcements of this freee offer will be made on all programs produced by the WPA.

PROGRAM

Audience Building

A broadcast that is expected to make radio history of some sort will be aired by KLZ in Denver this Thurs, night when the station's entire staff joins to observe the first anniversary of "Boners Court," novel show that finds errant announcers brought to justice for verbal crimes detected by listeners.

Although the "court" sessions usually are conducted on Wed. afternoons, the "judge," Program Director Arthur Wuth, and the various "defendants" decided to hold the first birthday party in the Lincoln Room of the adjoining Shirley-Savoy Hotel, enabling some 1,700 long suffering listeners to attend.

With no build-up other than occasional spot announcements, plus plugs at last week's session of "Boners Court," KLZ has already peddled more than a thousand admission tickets.

The anniversary broadcast will be capped when some listener, yet unknown, receives an award for having submitted "the prize boner of the year," being selected by Bailiff Frank Nagel and Clerk Charlie Inglis, who are busy pouring through the records.

An Auspicious Start

KWNO, Winona, Minn., inaugurated its first major promotion since the station formally opened in January with Talent Roundup, an amateur contest with a New York trip as grand prize and 93 other awards for the runners-up. Program, which will run daily tor 13 weeks with weekly stage appearances for winners of previous broadcasts, was announced a week in advance of the initial airing as a participating deal for rural merchants with handbills, window cards, direct mail, truck signs, full-page newspaper advertisements and station break announcements. Bill Mickel, station manager, and Arden Gifford planned the campaign.

Working with the C. of C.

Station KTSA, San Antonio, is broadcasting a series of special 15-minute broadcasts during the Chamber of Commerce good will tour of the Rio Grande Valley this week. Station Manager George Johnson said that various cities to be visited by the trade trippers will be saluted, and that Mayor C. K. Quinn will appear on several of the programs. Corpus Christi is being honored today at 1 P.M. with his honor delivering a short talk from the KTSA studios in the Gunter Hotel. The spiel will take place while the San Antonians are dining with the Gulf Coast city chamber of commerce.

Weslaco is to be saluted at 8:15 A.M. and Mission at 12:45 P.M. Wednesday, with Mayor Quinn featuring the last named program.

A salute to Harlingen is scheduled for 8:15 A.M. Thursday. The Friday broadcasts at 8 A.M. and 12:45 P.M. will honor Brownsville and Kingsville, respectively, with the Mayor appearing on both programs each noonday.

Breaking Used Car Jam

A powerful goodwill promotion is being staged by WTMJ, Milwaukee, in an effort to break the used car jam existing among Greater Milwaukee's 160 automotive dealers.

The special air campaign, running throughout the month of February with the theme. "Rid the Road of Jallopies," involves a minimum of 12 special broadcasts and frequent daily intermediate announcements and station breaks to focus public attention on today's used car buying opportunities. The broadcasts include such special events as a mammoth bonfire which burns old "jallopies" and the scene at an abandoned stone quarry pit where other "dated" motor cars are hurled to their doom.

"To Our Advertisers" on KIDO

A Sunday promotional program directed and dedicated "To Our Advertisers" started Feb. 6 as a new feature on KIDO, Boise, Ida. Each week one of the local business house advertising managers is invited to appear on the program for a short interview.

Another new department is the "Question Box" which attempts to answer any listener queries pertaining to radio.

Newsy News

In search of a new idea for news presentations, WISN, Milwaukee, turned up with a feature last week called "News in the News" which drew a huge listener response. New feature includes a discussion of the week's biggest news stories by Jerome Karpf, Editor-in-Chief of the Milwaukee News-Sentinel, and Alan Hale, WISN newscaster. Program is set for Friday airing at 6:30-6:45 P.M.

Triple-Show Campaign

The merchandising department of WMT. Cedar Rapids, Ia., went to town in no small way in promoting the three new Quaker Oats programs, "Dick Tracy," "Margot of Castlewood" and "Aunt Jemima," now being aired five days a week. Cedar Rapids is the home town of Quaker Oats with 1,200 families dependent on the organization to butter their bread.

The station's campaign was under the supervision of Leo F. Cole, merchandising manager, and Ray Cox, who used direct mail. newspaper, radio spots, movie trailers, etc., to advertise the three new shows. Campaign was opened with a letter to every merchant in the station's territory, calling their attention to the programs which were soon to begin over WMT advertising products carried by them. The letter urged dealers to put in window displays of Quaker Oats products, call customers' attention to the forthcoming broadcasts, and to do everything in their power to build the largest possible listening audience for the initial broadcasts. The letter further pointed out that increased sales were in store for them if they cooperated in merchandising the programs and products.

Promotion announcements were scheduled to run two weeks before the first program. A Cedar Rapids paper carried a complete story on the "Dick Tracy" program in addition to small paid ads reminding listeners to hear the three new programs over a major network and sponsored by a local firm. Mary Little, radio editor of the Des Moines Register & Tribune, devoted the greater portion of her three-column space in plugging the new programs on three consecutive days.

Entire campaign has been regarded as one of the most highly successful enterprises undertaken in this territory.

KVI Santa Helps Store Win Prize

Montgomery Ward in Tacoma, which won first prize this year for the largest sale of toys in any Montgomery-Ward store in Western Washington or Oregon, competing with 14 or 15 other stores in the contest, attributed its huge sales to the daily 15-minute Christmas program over KVI, in which Elvin Evans, KVI salesman, played Santa Claus in the store's toy department and broadcast his interviews of the youngsters. Hundreds of kid-

dies brought parents to Montgomery Ward to see Santa and the great increase in toy sales resulted. Mail order business also shot up —many orders even being sent to KVI.

High School Forum

WLBC, Muncie, dipped into the ranks of the local high school in presenting a new feature to be known as "Young America Speaks." Program is patterned after a forum with members of the World Topic classes participating. Programs will emanate from studies of station.

Cashing in on Disaster

California Consolidated Water Co. seized upon the advantages afforded by the March floods which swept southern California. Acting with lightning speed the company contracted through The McCarty Co., Los Angeles advertising agency for frequent spot announcements on KNX which was the first medium to warn the public to boil or take other precautions with their drinking water. By cashing in on a disaster and at the same time offering the community a valuable public service, the water company was swamped with orders after each announcement.

Civic Promotion

More than 35 local merchants have already purchased participation in new civic promotion program, airing daily for one hour over KYOS, Merced, California. Show is produced with Chamber of Commerce cooperation, and is devoted to boosting the city and all civic events. It combines a "Buy at Home" campaign and is scheduled for entire year. Merchants may participate one or six times weekly.

Juvenile Guest Artist

Mary Bills, KGVO Story Lady, has inaugurated a new policy in a huge promotion stunt designed to build listening interest. Each broadcast in the future will feature guests picked from the juvenile listening audience who will relate a children's fairy story over the air. Sponsor will serve guests with milk in the studio on each show. Program is heard Fridays, 5-5:30 P.M.

"What's On the Air"

Logged as "What's On the Air Tonight," this is a program resume over KFRO, Longview, Texas. But it covers more than the Longview station and airs five minutes nightly under sponsorship. Program is carefully edited to choose best programs available to East Texas listeners for each half-hour throughout the evening. Since radio store is the sponsor, several "hard-to-get" stations are included, and listeners are advised to visit sponsor if their sets can't bring in the program.

BROCHURES

Atlas Promotion Splurge

The Morris Plan Bank of Virginia has flooded the city of Richmond with window cards, posters and car-cards calling attention to the "Ports of Call" program which they sponsor on WTAR. This is utilization of the Atlas Radio Distribution Corp. "press-book" idea for sponsors and stations to exploit Atlas shows.

The Virginia bank picked out the art work from the exploitation section of the book which they thought would help advertise their weekly program. Then the WTAR sponsor wired an order to Dave Davidson, Atlas promotion and advertising manager. He gave the job to the printer, who delivered the printed matter to Virginia within 48 hours.

Latest of the Atlas press books, giving a complete campaign for exploiting "Magic Island" series, has just been put out by Davidson. It is departmentalized into accessories, advertising, exploitation, publicity and promotion, all combined in a handy filing-case folder.

NBC Brouchure on Music

National Broadcasting Company has brought out an illustrated brochure showing the quality and amount of music heard on the network since its inception. Noted conductors, soloists and Symphony orchestras are listed as well as the Metropolitan Opera Company broadcasts. A list of "music firsts" broadcast over NBC webs is set down in chronological order. Illustrations are mostly photographs, intimate studies and closeups of famed artists. Cover of the booklet is a reproduction of an old manuscript. Period covered is 11 years of NBC history.

According to Roy C. Witmer, vice-president in charge of sales, less than 30 per cent of NBC's radio day on each network is paid for by commercial sponsors, the remaining 70 per cent being taken up with programs presented by NBC to maintain a ready audience and responsive market. Broadly speaking, Witmer states that this 70 per cent is NBC's "editorial content."

Psychology Stuff

WINS. New York, is presenting a new series of programs that is designed for the practical guidance of the layman in everyday psychological problems. Known as "Who's Abnormal," the series features Dr. Daniel Harris, authority on psychology.

Cooking School Poll

Results have been announced in the 1938 radio popularity poll conducted at the annual Des Moines Cooking School. More than 1500 women attended the school this year. There were 17.061 votes cast for 323 programs out of a possible 576 programs being broadcast over Des Moines' three stations this particular week. Ten of the top 100 shows were local. Of these ten, six were KRNT programs, 2 KSO and 2 WHO. Favorite of all local shows was KRNT's "Hawkeye Dinnertime" which was also second among all daytime program favorites. A total of 4,680 votes were cast for 132 announcers. For the second year in a row, Dale Morgan, KSO-KRNT announcer was the winner; Ranny Daly, KSO-KRNT, was second; James Wallington, network, was third; H. R. Gross, WHO, fourth, and Don Wilson. network fifth

Local Service Plugged

The record of WQAM's service to its community is contained in a green covered booklet which the Miami station has just issued. Service features of CBS are not included in the brochure which stresses local WQAM programs. The station's news commentator, time signal service, weather, frost and storm reports, religious, educational, safety education, municipal, chamber of commerce and other organizational and similar programs are described in the booklet.

WKRC's "Schmaltz"

"Schmaltz," with credit to Deems Taylor, is the title of a 24 page 6x12 inch booklet sent out over the weekend by WKRC. Promotion piece tells the success story of Kitchen Klenzer which is now selling a case of its product in Cincinnati for every can it sold before it went on the station.

Program that did the job was a women's show, "Meet the Missus." A letter, signed by John McCormick, general manager of WKRC, stated that "local advertisers buy 50 per cent more time on WKRC than on all other local stations combined!"

"The Lady Is a Champ"

That's the fetching title of a new WHN brochure which "introduces" Mrs. Ida Bailey Allen. Done in effective black and white and red, it gives Mrs. Allen5s general and radio background, the station's coverage, as well as an idea of the home economist's method of procedure.



PROGRAM 5 Of 1938



Major Networks
COMMERCIAL

Major Networks
SUSTAINING

Pet Programs of Stations Everywhere



A COMPLETE LISTING OF MAJOR NETWORK COMMERCIAL PROGRAMS OF 1938

Following is a complete listing of all national network commercial programs heard during the twelve-month period ending Jan. 1, 1939. Listing includes in addition to the program title, network, sponsor, product and agency handling the account. Compiled through the cooperation of NBC, CBS and MBS.

PROGRAM NETWORK ADVERTISING AGENCY Smilin' Ed McConnell NBC—Blue Henri, Hurst & McDonald	Boxing Bouts NBC—Blue Glicksman Advertising Co.	John's Other Wife NBC—Red Blackett-Sample-Hummert Romance of Helen Trent CBS Blackett-Sample-Hummert	Good Morning Tonite NBC—PC Erwin, Wasey & Co.	Rentro Barn Dance MBS Russell M. Seeds Co.	Family Party NBC—Blue Bert S. Gittins	American Radio Warblers MBS Weston-Barnett	Eddie Duchin's Orchestra Dorothy Thompson People In the News NBC—Red Compton Advertising NBC—Blue Compton Advertising	The Preakness (Horse Race) NBC—Red Joseph Katz Co.	Armco Band NBC—Blue N. W. Ayer & Son	Your Hit Parade Your News Parade CBS Lord & Thomas Kay Kyser's Musical College NBC—Red Lord & Thomas Your Hollywood Parade NBC—Red Lord & Thomas
ADVERTISER and PRODUCT Acme White Lead and Color Works Paints	Adam Hat Stores	Affiliated Products, Inc. Louis Philippe, Edno Wollace Hopper Cosmetics	Albers Bros, Milling Co.	Allis Chalmers Mfg. Co.	Allis Chalmers Mfg. Co. Tractors	American Bird Products, Inc. Bird Food	American Cigarette & Cigor Co. Pall Mall Cigarettes	American Oil Co. Gas and Oil	American Rolling Mi.1 Co. Steel	American Tobacco Co. Lucky Strike Cigarettes

A DIVERTISE AND PRODUCT	N v d O O d d	VACANTEN	
American Tobacco Co. Roi-Ton Cigars American Tobacco Co. Holf & Holf Tohoro	Man to Man Sports Sophie Tucker and Her Show Ben Bernie and All the Lads	CBS-PC CBS CBS	Lawrence C. Gumbinner Advertising Agency Lawrence C. Gumbinner Advertising Agency Young & Rubicam
Anocin	Hammerstein Music Hall Our Gal, Sunday Easy Aces	CBS CBS NBC—Blue	Blackett-Sample-Hummert Blackett-Sample-Hummert Blackett-Sample-Hummert Blackett-Sample-Hummert
Atlantic Refining Co.	Football Broadcasts	CBS-NE	N. W. Ayer & Son
B. T. Babbitt Co.	David Harum	NBC-Red	Blackett-Sample-Hummert
Ballard & Ballard Co.	Ballard's Oven-Ready Biscuit	NBC—Red	Henri, Hurst & McDonald
Barbasol Co.	Arthur Godfrey	CBS	Erwin, Wasey & Co.
Bayer Co.	Famous Actor's Guild (Second	CBS	Blackett-Sample-Hummert
Rayuk Cigars, Inc.	Album of Familiar Music Inside of Sports	NBC—Red MBS	Blackett-Sample-Hummert Ivey & Ellington
Prillies Bayuk Cigars, Inc. Phillies Bridge Management Corp.	California Sports Review Inside of Sports Your Unseen Friend	CBS-PC MBS CBS	McKee, Albright & Ivey Ivey & Ellington Albert Frank-Guenther Law
Fersonal Loans Bisodol Bradol Co. Borden Co.	Mrs. Wiggs of the Cabbage Patch Tracer of Lost Persons The Hughesreel	NBC-Red NBC-Blee NBC-Red	Blackett-Sample-Hummert Blackett-Sample-Hummert Young & Rubicam
Bowey's Inc.	Terry and the Pirates	NBC-Red & Blue	Stack-Goble Advertising Co.
Chocolote Milk A. S. Boyle Co. Old English Floor Wox	Romance of Helen Trent	CBS	Blackett-Sample-Hummert
Brewers' Radio Show Association	Mrs. Wiggs of the Cabbage Patch Monday Night Show	NBC— Re d CBS	Blackett-Sample-Hummert U. S. Advertising Corp.
brewers Bristol-Myers Co.	For Men Only	NBC—Red	Pedlar & Ryan
Bristol-Meyers Co. Ipana, Sal Hepotico Brown & Williasson Tobacco Corp.	Town Hall Tonight Game Hunt Avalon Time	NBC—Red NBC—Red NBC—Red	Young & Rubicam Young & Rubicam Russel M. Seeds Co.

		No Contain	> ONE ON ISIT BEACH
ADVERTISER and PRODUCT	TROGRAM.	NELWORK	ADVENTISING AGENCI
Brown & Williamson Tobacco Corp.	Plantation Party	MBS &	Kussel M. Seeds Co.
Brown & Williamson Tobocco Corp.	Tommy Dorsey's Orchestra	NBC—Red	Batten, Barton, Durstine & Osborn
Roleigh and Kool Cigarettes	Kentucky Derby (Horse Race)	CBS	Batten, Barton, Durstine & Osborn
Buick Motor Co.	Louis Vs. Schmeling (Boxing Bout)	NBC—Red	Arthur Kudner, Inc.
Cal Aspirin Corp.	Young Widder Brown	NBC—Red	Blackett-Sample-Hummert
Col Aspirin	•		
Colifornia Prune & Apricot Growers'	Fletcher Wiley	NBC-PC	Lord & Thomas
Association Sunsweet Prunes			
Campana Sales Co.	First Nighter	CBS &	Aubrey, Moore & Wallace
Italian Balm, Caalies, Dreski n, DDD Ointment		NBC-Red	
Campana Sales Co.	Grand Hotel	NBC—Blue	Aubrey, Moore & Wallace
Ureskin (,	
Campbell Soup Co. Soup Beans Tomata Luice	Hollywood Hotel Mercury Theatre	CBS CBS	Ward Wheelock Co. Ward Wheelock Co.
	Amos n' Andy	NBC-Red	Ward Wheelock Co.
	Edwin C. Hill, The Human Side of the News	NBC—Red	Ward Wheelock Co.
Canada Dry Ginger Ale Co.	Information Please	NBC-Blue	J. M. Mathes, Inc.
Beverages	7 7	Sac	Batton Barton Dursting & Ochors
Abrosives			, DOI: 0
Cardinet Candy Co.	Night Editor	CBS-PC &	Thomaschke-Elliott
Candy		NBC-PC	
Carnation Co.	Contented Program	NBC-Red	Erwin, Wasey & Co.
Geo. W. Caswell Co.	Party Bureau	CBS-PC	Long Advertising Service
Cottee	:		
Chesebrough Manufacturing Co.	Dr. Christian	CBS	McCann-Erickson
Chrysler Sales Corp.	Major Bowes' Amateur Hour	CBS	Ruthrauff & Ryan
Motor Cors			i
Cities Service Co.	Cities Service Concert	NBC—Red	Lord & Thomas
Coca Cola Co.	Coco Cola Presents the Songshop	CBS	D'Arcy Advertising Co.
Deverage Colaste-Palmolive-Peet Co.	Stepmother	CBS	Benton & Bowles
Dental Products	Colgate Ask-It-Basket	CBS	Benton & Bowles

ADVERTISING AGENCY Benton & Bowles d Benton & Bowles	Benton & Bowles	Benton & Bowles	Benton & Bowles	Benton & Bowles	d L. D. Wertheimer Ca.	e Newell-Emmett Roche, Williams & Cunnyngham	d Stack-Goble Advertising Co. Stack-Goble Advertising Ca. d Stack-Goble Advertising Co.	Stack-Goble Advertising Stack-Goble Advertising	Ruthrauff & Ryan	Ruthrauff & Ryan	d Ralph H. Jones Co.	Batten, Barton, Durstine & Osborn	Botsford, Constantine & Gardner	e C. Wendel Muench & Co. Le J. Walter Thompson Co.	Sidney Garfinkel Advertising Agency	Blackett-Sample-Hummert
NETWORK CBS iends NBC—Re	CBS	CBS	CBS	CBS	NBC—Red	NBC—Blue CBS		NBO-Red NBO-Red	CBS	MBS	NBC—Red	CBS	CBS-PC	NBC—Blue NBC—Blue	CBS-PC	CBS
Gang Busters Gang Busters CBS CBS Calculate And to Win Friends NBC—Red	House	Myrt and Marge	Pretty Kitty Kelly	Jaley	Travel Talks by Malcolm LaPrade	The Man from Cook's Bachelor's Children	Radio Newsreel Spy Secrets Paul Wing's Spelling Bee	Vox Pop Battle of the Sexes	anner	адом	Редду	Cavalcade of America	My Secret Ambition	Madame Courageous Harriet Parsons	Knox Manning	Jenny Peabody
Gang Busters Dale Carnegi	Hilltop House	Myrt a	Pretty	Jack Haley	Travel	The M Bachel	Radio News Spy Secrets Paul Wing's	Vox Pop Battle of	Joe Penner	The Shadow	Hello Peggy	Caval	My Se	Madar Harrie	Knox	Jenn

ADVERTISER and PRODUCT Folstoff Brewing Co.	PROGRAM Public Hero No. 1	NETWORK NBC—Red	ADVERTISING ACENCY Gardner Advertising Co.
Fels & Co.	Новьу Совьу	NBC—Blue	Young & Rubican
H. Fendrich Inc.	Smoke Dreams	NBC—Blue	Ruthrauff & Ryan
Firestone Tire & Rubber Co. Tires and Tubes	The Voice of Firestone International Livestock Exposition	NBC—Red NBC—Blue	Sweeney & James Sweeney & James
F. W. Fitch Co. Shampoo	Interesting Neighbors Fitch Bandwagon	NBC-Red NBC-Red	L. W. Ramsey Co. L. W. Ramsey Co.
Florida Citrus Commission Citrus Fruits	How to Get the Most Out of Life —Emily Post	2	Kuthrautt & Kyan
Ford Motor Co. Motor Cars	Sunday Evening Hour Al Pearce & Gang	CBS CBS	N. W. Ayer & Son N. W. Ayer & Son
Gallenkamp Stores Co. Shoes	Professor Puzzlewit	NBC—PC	Long Advertising Service
Gambarelli & Davitto, Inc. Wines and Vermouth	Moonbeams	MBS	De Biasi Advertising Agency
General Baking Co. Bond Bread	Guy Lombardo & Orchestra	CBS	Batten, Barton, Durstine & Osborn
General Electric Co. Lamps	Hour of Charm	NBC—Red	Maxon Inc.
General Foods Corp. Grope Nuts	Burns & Allen Al Pearce and His Gana	NBC—Red NBC—Red	Young & Rubicam Young & Rubicam
General Foods Corp.	The Jello Program, starring Jack Benny	NBC—Red	Young & Rubicam
General Foods Corp. Maxwell House Coffee	Hobby Lobby Good News of 1938 and 1939	NBC—Red NBC—Red	Young & Rubicam Benton & Bowles
General Foods Corp. Huskies	Robert L. Ripley's Believe It or Not NBC—Red Joe Penner Boake Carter CBS	+ NBC—Red CBS CBS	Benton & Bowles Benton & Bowles Benton & Bowles
General Foods Corp. Log Cobin Syrup	Jack Haley's Log Cabin	NBC—Red	Benton & Bowles
General Foods Corp. Diamond Crystal Solt	On Broadway Kate Smith (Commentary) Mary Margaret MrRide	NBC—Blue CBS	Benton & Bowles Young & Rubicam
General roods Corp. Minute Tapioco, Lo France Satina	Mary Margaret Mcbride	2	roung & Kubicam

ADVERTISER and PRODUCT	PROGRAM	NETWORK	ADVERTISING AGENCY
General Foods Corp.	Kate Smith Hour	CBS	Young & Rubicam
Swanszown, Columet General Foods Corp.	We, the People	CBS	Young & Rubican
Sanka General Foods Corp. Postum	Lum and Abner	CBS	Young & Rubican
General Foods Corp. Post Toosties	Joe E. Brown	CBS	Benton & Bowles
General Mills Inc. Corn Kix	Those Happy Gilmans The Grouch Club Curtain Time	NBC—Red CBS-PC MBS	Blackett-Sample-Hummert Blackett-Sample-Hummert Blackett-Sample-Hummert
General Mills Inc. Flour & Cereals	Gold Medal Hour Gold Medal Feature Time	NBC—Red CBS	Blackett-Sample-Hummert & Knox Reeves Advertising Blackett-Sample-Hummert
General Mills Inc. Wheoties	Get Thin to Music Jack Armstrong	MBS NBCRed	& Nnox neeves Advertising Blackett-Sample-Hummert MacManus, John & Adams
General Motors Corp. Pontiacs	News Through a Woman's Eye	CBS	
General Shoe Co. Shoes	Famous Fortunes	MBS	Badger, Browning & Hersey
Goodyear Tire & Rubber Co.	Farm Radio News	NBC-Blue	Arthur Kudner, Inc.
Gilmore Oil Co.	Gilmore Circus Sales Meeting	NBC-PC NBC-PC	Botsford, Constantine & Gardner Botsford, Constantine & Gardner
Glass Container Association Glass Products	There Was a Woman Steinie Bottle Boys	NBO-Blue NBO-Blue	U. S. Advertising Corp. U. S. Advertising Corp.
Globe Grain & Milling Co. Flour	The Best of the Week	NBC-PC	Dan B. Miner
Gospel Broadcasting Association Religious	Old Fashioned Revival	MBS	R. H. Alber & Co.
Griffin Manufacturing Co. Shoe Cleoner	Time To Shine	CBS	Bermingham, Castlemen & Pierce
Griswold Manufacturing Co. Kitchen Utensils	J. Alden Edkins	NBC—Red	Batten, Barton, Durstine & Osborn
Group of American Banks Banking	Philadelphia Orchestra	NBC-Blue	Wessel Co.
Grove Laboratories	Fred Waring and His	NBC-Red	Stack-Goble Advertising Agency
· · · · · · · · · · · · · · · · · · ·	General Hugh Johnson	NBC-Blue	Stack-Goble Advertising Agency

ADVERTISER and PRODUCT	PROGRAM	NETWORK	ADVERTISING AGENCY
Charles Gulden Co. Mustard	Serenaders	NBC-Blue	Charles W. Hoyt Co.
Gulf Refining Ca	Phil Baker	CBS	Young & Rubicam
Gas & Oil	The Passing Parade	CBS	Young & Rubicam
H. J. Heinz Co.	Heinz Magazine of the Air	CBS	Maxon Inc.
Food Products	Carol Kennedy's Romance	CBS	Maxon Inc.
Holland Furnace Co. Heoting Equipment	Holland Tulip Festival	CBS	Ruthrauff & Ryan
Horlick's Malted Milk Corp. Malted Milk	Lum and Abner	NBC—Blue	Lord & Thomas
Household Finance Corp. Personal Loans	It Can Be Done	CBS & NBC-Blue	Batten, Barton, Durstine & Osborn
Hudson Motor Car Co. Motor Cars	Новьу Lobby	CBS	Brooke, Smith & French
International Cellucotton Products Co. Kleenex	Her Honor, Nancy James	CBS	Lord & Thomas
International Shoe Co. Shoes	It's a Fact	NBC—PC	Long Advertising Service
International Silver Co. Silverware	Silver Theatre	CBS	Young & Rubicam
Ironized Yeast Co. Ironized Yeast	Goodwill Hour	MBS	Ruthrauff & Ryan
Jergens-Woodbury Sales Co. Soap	Hollywood Playhouse Win Your Lady	NBC—Blue NBC—Blue	Lennen & Mitchell Lennen & Mitchell
Jergens-Woodbury Sales Co. Jergens Lation	Walter Winchell	NBC—Blue	Lennen & Mitchell
S. C. Johnson & Son Floor Wax	Fibber McGee & Molly Attorney At Law	NBC—Red NBC—Red & Blue	Needham, Louis & Brorby Needham, Louis & Brorby
Johnson, Carvel & Murphy Ant Paste	Woman's Magazine of the Air	NBC-PC	William A. Ingoldsby Co.
Journal of Living Publishing Corp. Magazine	Journal of Living Program	MBS	Franklin Bruck Advertising Co.
Kellogg Co. Corn Flakes	Howie Wing	CBS	J. Walter Thompson Co.
Kellogg Co. Cereals	Girl Alone Singing Lady Capt. Tim Healy's Stamp Club	NBC—Red NBC—Blue MBS	N. W. Ayer & Son N. W. Ayer & Son N. W. Ayer & Son

ADVERTISER and PRODUCT	PROGRAM	NETWORK	ADVERTISING AGENCY
Kellogg Co. Krispies	Don Winslow	NBC—Red & Blue	Hays MacFarland & Co.
Knox Gelatine Co. Gelatin	Woman's Magazine of the Air	NBC—PC	Kenyon & Eckhardt
Kolynos Co. Dentifrice	Hammerstein Music Hall Our Gal Sunday Just Plain Bill	CBS OBS NBC—Red	Blackett-Sample-Hummert Blackett-Sample-Hummert Blackett-Sample-Hummert
Kraft-Phenix Cheese Corp. Cheese Products	The Kraft Music Hall	NBC—Red	J. Wolter Thompson Co
Lady Esther Co.	Wayne King's Orchestra	CBS &	Lord & Thomas
Cosmetics	Guy Lombardo Orchestra	OBS & Ned	Lord & Thomas
Lambert Co. Listerine	Newlyweds Grand Central Station	CBS—PC CBS NBC—Blue	Lambert & Feaslev Lambert & Feaslev
Lambert Co. Listerine Shovina Cream	True Detective Mysteries	MBS	Lambert & Feasley
Lamont Corliss & Co. Nestle's Chocolate	Quite By Accident	NBC—Red	Warwick & Legler
Lamont Corliss & Co. Pond's	Those We Love Woman's Magazine of the Air	NBC-Blue NBC-PC	J. Walter Thompson Co. J. Walter Thompson Co.
Larus & Brother Tobacco	Alias Jimmy Valentine	NBC-Blue	Blackett-Sample-Hummert
Thomas Leeming & Co. Boume Bengue	Ed Fitzgerald and Co.	MBS	William Esty & Co
Lehn & Fink Products Co. Lysol	Dr. Dafoe	CBS	Lennen & Mitchell
Lehn & Fink Products Co. Pebeco	Follow the Moon	CBS	Lennen & Mitchell
Lehn & Fink Products Co. Hind's Honey & Almond Cream	Life of Mary Southern	CBS	William Esty & Co.
Lehn & Fink Products Co. Tussy Lipstick	Hawaiian Moon Casino	CBS—PC	William Esty & Co.
Lever Brothers Co. Spry	Aunt Jenny's Real Life Stories	CBS	Ruthrauff & Ryan
Lever Bros. Co. Rinso	Big Sister Big Town	CBS	Ruthrauff & Ryan Ruthrauff & Ryan

ADVERTISER and PRODUCT	PROGRAM	NETWORK	ADVERTISING AGENCY
Lever Bros. Co. Lifebuoy	Al Joison Show	CBS	Ruthrauff & Ryan
Lever Bros. Co. Lux Toilet Saap	Lux Radio Theatre	CBS	J. Walter Thompson Co
Lewis-Howe Co.	Vocal Varieties	NBC—Red	H. W. Kastor & Sons Advertising Co.
Liggett & Myers Tobacco Co. Chesterfield Cigorettes, Gronger Tobacco	Chesterfield Presents Paul Whiteman's Program Burns & Allen Baseball Scores Football Scores	OBS OBS NBO NBO NBO NBO NBO NBO NBO NBO NBO NBO	Nevell-Emmeth Co. Nevell-Emmeth Co. Nevell-Emmeth Co. Nevell-Emmeth Co. Nevell-Emmeth Co. Nevell-Emmeth Co.
Local Cooperative Campaign Vorious	Famous Jury Trials	MBS	J. Ralph Corbett
Local Cooperative Campaign Various	Green Hornet	MΒS	Fronklin Bruck Advertising Corp.
Local Cooperative Campaign	The Lamplighter	MBS	Network Feotures, Inc.
Local Cooperative Campaign	Fulton Lewis, Jr.	MBS	Gem Advertising Agency
Local Cooperative Campaign	The Lone Ranger	MBS	
Local Loan Co.	Meet Your Neighbor	NBC-PC	Long Advertising Service
P. Lorillard Go. Old Gold Cigarettes	Hollywood Screenscoops Robert Benchley	CBS	Lennen & Mitchell
P. Lorillard Co. Sensation Cigorettes	Don't You Believe It	MBS	Lennen & Mitchell
Joe Lowe Corp. Popsicles	Popeye the Sailor	CBS	Blackett-Sample-Hummert
George W. Luft Co. Tongee Lipstick	The Right Thing To Do	NBC—Red	Warwick & Legler
Lutheran Laymen's League Religious	Lutheran Hour	ΔBS	Kelly, Stuhlman & Zarndt
MacFadden Publications Inc. True Story Magazine	Court of Human Relations Mary and Bob's True Stories	NBC—Red NBC—Blue	Arthur Kudner Arthur Kudner
Maine Development Commission Maine Products	Marjorie Mills, The Girl from Maine MBS	ne MBS	Brooke, Smith, French & Dorrance
J. W. Marrow Manufacturing Co. Shampoo	Henry Busse's Orchestra Ted Weem's Orchestra	NBCRed NBCRed	Baggaley, Horton & Hoyt Baggaley, Horton & Hoyt

K ADVERTISING AGENCY Brawn & Tarcher and Bowman & Columbia			Slue Clements Co.	Critchfield & Co.	ked Direct	ked Henri, Hurst & McDonald	The Biow Co. Ned The Biow Co. The Biow Co.	Siue Kenyon & Eckhardt	ilue Erwin, Wasey & Co.	Geyer, Cornell & Newell	ked McCann-Erickson	ked Donohue & Coe	llue Jomes A. Greene Co.	°C Lean Livingston Advertising Agency	Ruthrouff & Ryan	Kleppner Co.	C D'Evelyn & Wadsworth.
NETWORK CBS	CBS—PC NBC—Red MBS	NBO-Red	NBC—Blue	MBS	NBC—Red	NBC—Red	CBS NBC—Red MBS	NBC-Blue	N8C—Blue	CBS	NBC—Red	NBC—Red	NBCBlue	NBC-PC	CBS	MBS	NBC—PC
ا irl Interne				the Bible		a+s	gram	a P			Vife	change	vue	e of the Air		bu	
PROGRAM Joyce Jordon, Girl Interne	The People's Vote Henry Burbig The People's Rally	Uncle Ezra	Dog Heroes	Let's Go Back to the Bible	Betty Moore	Bob Becker's Chats	Johnnie Presents Philip Morris Program What's My Name	Kitchen Cavalcade	Carson Robison	Professor Quiz	Dan Harding's Wife	Homemaker's Exchange	Royal Crown Revue	Woman's Magazine of the Air	Professor Quiz	Two on a Shoestring	Treasure Island

ADVERTISER and PRODUCT Beef Cubes Pacific Coast Borax Co. Borax Packard Motor Co. Motor Cors Packers Tar Soap Inc. Soap Penick & Ford, Ltd. My-T-Fine Dessert Pennsylvania Publicity Commission State Promotion Penn Tobacco Co. Tobacco Pepperell Manufacturing Co. Textiles The Pepsodent Co. Antiseptic & Dentifrice Pet Milk Sales Corp. Pet Milk Sales Corp. Pet Milk Sales Corp. Pet Milk of Magnesia Charles H. Phillips Chemical Co. Milk of Magnesia Charles H. Phillips Chemical Co. Haley's M.O. Phillips Petroleum Co. Gas and Oil Pillsbury Flour Mills Flour Pitsbury Flour Mills Flour Pitsbury Flour Mills Flour Pitsbury Flour Mills	Mrs. Garrie Griswold Death Valley Days Hollywood Mardi Gras Thatcher Colt Stories The Mighty Show The Scenic Show Vox Pop Dr. Karl Reiland Mickey Mouse Theatre Bob Hope Candid Lady Pet Milky Way Saturday Night Serenade Boake Carter Lorenzo Jones Stella Dallas Waltz Time How To Be Charming Young Widder Brown Phillips Poly Follies Woman in White Champions of the Keyboard	NECTWORK NBC-PC NBC-PC NBC-Red	ADVERTISING AGENCY Doremus & Co. McCann-Erickson Young & Rubicam Stack-Goble Advertising Agency Batten, Barton, Durstine & Osborn Walker & Downing Ruthrauff & Ryan Batten, Barton, Durstine & Osborn Lord & Thomas Lord & Thomas Lord & Thomas Lord & Thomas Gardner Advertising Co. Gardner Advertising Co. F. Wallis Armstrong Co. F. Wallis Armstrong Co. Blackett-Sample-Hummert
Princess Pat Ltd. Cosmetics	A Tale of Today	NBC—Red	Gale & Pietsch
Procter & Gamble Co. Camay	Pepper Young's Family	NBC—Red NBC—Blue	Pedlar & Ryan

Procter & Gamble Co. Chipsa	The Road of Life	NEI WORK NBC Red & CBS	ADVEKTISING AGENCT Pedlar & Ryan
Practer & Gamble Co.	Vic and Sade	CBS & NBC—	Compton Advertising
Protes & Comble	This Day Is Ours	CBS Sugar	Compton Advertising
Definition of the control of the con	The second secon	NBC—Red	Blackett-Sample-Hummert
Procter & Gamble Co. Drene	Jimmy Fidier in Hollywood Gossip	CBS & NBC—Red	N. W. Kastor & Sons Advertising Co.
Procter & Gamble Co.	The O'Neills	OBS & NBO-Red	Compton Advertising
	The Gospel Singer	CBS & NBC-Red	Compton Advertising
	Life Can Be Beautiful	OBS & SON	Compton Advertising
	Story of Mary Marlin	NBC-Red NBC-Blue	Compton Advertising
Procter & Gamble Co. Lava Saap	Houseboat Hannah	NBC-Blue	Blackett-Sample-Hummert
Procter & Gamble Co.	Ma Perkins	CBS & NBC—Red	Blackett-Sample-Hummert
	The Goldbergs Central City	CBS NBC—Blue	Blackett-Sample-Hummert Blackett-Sample-Hummert
Procter & Gamble Co. White Nophtho	Guiding Light	NBC—Red	Compton Advertising
Pure Oil Co. Gas and Oil	Red Grange	CBS	Leo Burnett Co.
Quaker Oats Co. Cereals	Girl Alone Dick Tracy Quaker Show with Tommy Riggs and Larry Clinton's Orchestra	NBC—Red NBC—Red NBC—Red	Ruthrauff & Ryan Sherman K. Ellis Co. Ruthrauff & Ryan
Radio Corporation of America Rodio Sets and Services	The Magic Key of RCA	NBC—Blue	Direct
Radio Corporation of America Radia Sets and Services	War Admiral-Sea Biscuit Horse Race	NBCBlue	Lord & Thomos
Ralston-Purina Co. Ry-Crisp	Marion Talley	NBC-Red	Gardner Advertising Co.
Ralstan-Purino Co. Wheat Cereal	Tom Mix Straight Shooters	NBC-Blue	Gardner Advertising Co.

ADVERTISING AGENCY	James R. Lunke & Associates	McCann-Erickson	William Esty & Co. William Esty & Co. William Esty & Co.	Charles W. Hoyt Co.	Hixson & O'Donnell Advertising	Hixson & O'Donnell Advertising	James Houlihan	Emil Brisacher & Staff	Milton Weinberg Advertising Co.	McKee, Albright & Ivey McKee & Albright	Erwin, Wasey & Co.	Kenyon & Eckhardt	Batten, Barton, Durstine & Osborn	Russell M. Seeds Co.	Warwick & Legler	Logan & Stebbins	Blackett-Sample-Hummert	Hillman-Shane Advertising Agency
NETWORK	CBS—PC	NBC—Red	CBS CBS CBS	NBC—Red & Blue	NBC—PC	CBS—PC	CBS—PC	CBS-PC &	CBS—PC	NBC—Red NBC—Red	MBS	MBS	NBO-Blue	MBS	NBC-Blue	NBC-PC	CBS	CBS—PC
PROGRAM	Course of Instruction Talk	The Mystery Chef	Camel Caravan Benny Goodman's Swing School Cantor's Camel Caravan	The Revelers	Richfield Reporter	Calling All Cars	The Toast of the Town	I Want a Divorce	Fray and Braggiotti	Rising Musical Stars Your Family and Mine	Gabriel Heatter	Rhyming Minstrel	March of Time	Sheaffer Lifetime Revue	Metropolitan Opera Auditions of the Air	The Signal Carnival	Skelly Court of Missing Heirs	Fletcher Wiley
ADVERTISER and PRODUCT	Refrigeration & Air Conditioning Institute School	Regional Advertisers Inc. Gas Promotion	R. J. Reynolds Tobacco Co. Comel Cigarettes Prince Albert Tobacco	Richardson & Robbins Boned Chicken	Richfield Oil Co.	Rio Grande Oil Inc. Gas and Oil	Roma Wine Co. Cella Grape Juice	S & W Fine Foods, Inc. Food Products	Sales Affiliates, Inc. Loxol Shampoo Oil Tint	Sealtest Inc. Milk and Milk Products	R. B. Semler, Inc. Kreml Hair Tonic	William S. Scull Co. Bosco Beverage	Sørvel Inc. Refrigerators	Sheaffer Pen Co. Pens and Pencils	Sherwin-Williams Co. Points	Signal Oil Co.	Skelly Oil Co. Gas and Oil	Soil-Off Mfg. Co. Paint Cleaning Fluid

ADVERTISING AGENCY Westco Advertising Agency	J. Walter Thompson Co. J. Walter Thompson Co.	J. Walter Thompson Co.	J. Walter Thompson Co.	J. Walter Thompson Co.	McCann-Erickson McCann-Erickson Hays MacFarland & Co.	Roche, Williams & Cunnyngham	Stack-Goble Advertising Agency Stock-Goble Advertising Agency G. Lynn Sumner Co.	Botsford, Constantine & Gardner	Buchanan & Co. Buchanan & Co. Lord & Thomas	Boisford, Constantine & Gardner Botsford, Constantine & Gardner	Batten, Barton, Durstine & Osborn	Lord & Thomos Lord & Thomas Lord & Thomas Campbell-Ewald Co.
X X X X X X X X X X X X X X X X X X X	NBC-Red	NBC-Red	NBC—Blue	NBC—Blue	NBC-PC NBC-PC NBC-Red &	NBC-Blue	NBCBlue NBCBlue MBS	CBS—PC	CBS CBS—PC & NBC—PC	CBS—PC NBC—PC	NBC-Blue	NBC PC NBC PC NBC PC CBS
PROGRAM Dangerous Road Dr. Kate Martha Meade Woman's Magazine of the Air Gloria Gale Sunday Special	Chase and Sanborn Hour One Man's Family	Rudy Vallee Program	Getting the Most Out of Life	The Bakers Broadcast	Standard School Broadcasts Standard Symphony Horace Heidt & His Brigadiers	Lowell Thomas—The Day's News	Smile Parade Junior Nurse Corps James McCormick, Songs	Woman's Page of the Air	Eddie Cantor Texaco Star Theatre Football Games	Dairy Maid Bennie Walker's Tillamook Kitchen	March of Time	Woman's Magazine of the Air Seventy-Six Review Thrills Ben Bernie and All the Lads
PROGRA Dangerous Road Dr. Kate Martha Meade Woman's Magazi Day-Time Specia Gloria Gale Sunday Special	Chase o	Rudy	Getti	The B	Stand Stand Horac	Lowel	Smile Junior James	Мошо	Eddie Texac Footb	Dairy Bennid Ki	March	Womar Sevent Thrills Ben Be

ADVERTISER and PRODUCT	PROGRAM	NETWORK	ADVERTISING AGENCY
I. S. Tobacco Co.	Pick & Pat in Pipe Smoking Time	CBS	Arthur Kudner Inc.
Uill's Best & Model Pipe Tabaccos			2
adsco Sales Carp. Ouinlax Movis Dier Kiss Ossmetics	Court of Human Relations	MBS	Lawrence C. Gumbinner Advertising Agency
arady of Vienna Inc.	Ted Weems and his Orchestra	MBS	Bagaley, Horton & Hoyt
Cosmetics	Tonn Wone' Commence	S. C.	1
Vapo-Rub, Vo-Tro-Not	Vick's Open House	CBS	
acational Service	Join rainer Doctor Dollar	NBC-Red	Morse international, inc. Critchfield & Co.
be Wander Co.	Little Orphan Annie	NBC—Red	Blackett-Sample-Hummert
Ovoltine Vard Baking Co.	Jane Arden	NBC—Blue	Sherman K. Ellis & Co.
bread Villiam R. Warner Co.	Criminal Case Histories, with	NBC—Blue	Warwick & Legler
Sloan's Liniment 3. Washington Refining Co.	Warden E. Lawes Uncle Jim's Question Bee	NBC-Blue	Warwick & Legler
Coffee L. Watkins Co. Dr. Lyons Toothpaste	Alias Jimmy Valentine Manhattan Merry-Go-Round		Blackett-Sample-Hummert Blackett-Sample-Hummert
Velch Grape Juice Co.	Backstage Wite Irene Rich	NBC—Red NBC—Blue	Blackett-Somple-Hummert H. W. Kastor & Sons Advertising Co.
Grape Juice Vesson Oil & Snowdrift Sales Co.	Hawthorne House	NBC-PC	Fitzgerald Advertising Agency
Wheatena Corp.	Dad and Junior	MBS	Rohrabaugh & Gibson
Veregas Vereing Steel Corp.	Musical Steel Makers	MBS	Critchfield & Co.
Steel Froducts B. Williams Co.	True or False	NBC-Blue	J. Walter Thompson Co.
Shaving Cream Vilmington Transportation Co.	Catalina Islander	MBS CBS—PC	J. Walter Ihompson Co. Neisser-Meyerhoff
Summer Kesorr Villiam Wrigley Jr. Co. Chewing Gum	Poetic Melodies Just Entertainment	CBS	Neisser-Myerhoff Neisser-Myerhoff
	Scattergood Baines Double Everything Laugh Liner	CBS CBS	Neisser-Myerhoff Frances Hooper, Advertising Frances Hooper, Advertising
Vyeth Chemical Co. Hill's Nose Drops Lenith Radio Corp. Rodios	Romance of Helen Trent Mrs. Wiggs of the Cabbage Patch Zenith Foundation	CBS NBC—Red CBS	Backett-Sample-Hummert Blackett-Sample-Hummert J. Walter Thompson Co.

NATIONAL NETWORK SUSTAINING PROGRAMS

OF 1938

The following listings of network sustaining programs are composed of only those broadcasts heard on a regular schedule during 1938. The list does not include programs heard as special event or one-time shots. A number of the programs listed are either institutional or time has been donated by networks to an educational institution for special series.

List compiled through the cooperation of CBS, MBS and NBC.



Academy of Medicine Accent on Music Actors' Benefit Series Adventures in Rhythm Adventures in Science Aeolian Ensemble Afternoon Party Al Bernard's Merry Minstrel Men All Hands On Deck Al Sur Del Rio Grande American School of the Air American Viewpoints Americans at Work Among Your Souvenirs As You Like It At the Music Counter Aubade for Strings Between the Bookends Boris Morros String Quartet Bowes' Capitol Family Brave New World **Buddy Clark Entertains Buffalo Presents** Buffalo Summer Theater Capitol Opinions Captivators Castillians Charles Paul at the Organ

Chattanooga Frolic Chicago Varieties Children's Corner Church of the Air Cincinnati Conservatory of Music Cincinnati Symphony Orchestra Columbia Male Quartet Columbia Salon Orchestra Console Echoes CBC Singers Columbia Chamber Orchestra Columbia Chorus Quest Columbia Concert Hall Columbia Symphony Orchestra Columbia Workshop Crooners Choir Crossroads Hall Current Questions Before the House Current Questions Before the Senate Curtain Rises Curtis Institute of Music Dance Time Dancepators Dear Columbia Dear Teacher Deep River Boys Designs in Harmony Dick Shannon Dictators Dixie Serenaders Do You Remember? Egraches of 1938

Economic Cooperation in the

Americas

Economic Defense Problems of U. S.

Possessions
Essays in Music
Europe Calling
Everybody's Music

Exploring Music
Exploring Radio
Exploring Space

Famous Musical Evenings

Farm News

Farmer Takes the Mike

Fiddler's Fancy Fighting Crime Football Souvenir Four Clubmen

Four Corners Theater From the Organ Loft Ghost of Benjamin Sweet

Golden Melodies

Goldman Band Concerts
Grant Park Concerts

Greenfield Village Chapel

Harrisburg Revue

Harry Cool & Harmonettes

Headlines & Bylines

Highlights in the World of Sports

Highways to Health

Hi-Hatters Hillbilly Music

Hollywood Showcase

Instrumentalists

International Exchange Irene Beasley "R.F.D. No. 1"

Jack Berch's "Get-Together" Jewel Cowboys

Junior Musicomedy
Kate Smith's Column
Keyboard Arabesque
Keyboard Concerts
Let There Be Music
Let's Meet at Three

Let's Pretend

Library of Congress Series Lincoln Cathedral Choir Little Night Music

Living History
Lyric Serenade

Lyrics by Lorraine

Madison Ensemble

Manhattan Serenaders

March of Games

Mark Warnow's Blue Velvet Music

Matinee in Manhattan Matinee Promenade Max Reinhardt Festival

Meet the Champ

Melodians

Mellow Moments
Melody Ramblings

Mercury Theater of the Air

Merrymakers

Merry Minstrel Men Metropolitan Parade Motor City Melodies Morning Almanac Morning Moods Morning News Music and Voices

Music from the Gold Coast

Music in the Air Musical Interlude New Horizons

Music for Fun

New York Academy of Medicine

Nightly News Show Nighttime on the Trail Not So Long Ago Of Men and Books Old Familiar Tunes

Opera Series Organ Moods Organ Reveille

Oriental

Pappy Cheshire and Nat'l Hillbilly

Champions
Patterns in Swing

Paul Robinson and his Harmonica

Champions People's Platform Phil Cook's Almanac
Philharmonic-Symphony Society of

New York
Pittsburghers
Poet's Gold
Poetic Strings
Pop Concerts
Radio Spotlight
Ray Bloch's Va

Ray Bloch's Varieties Recitals in Rhythm Reminiscing in Rhythm

Rhythm in the Breeze Rhythm Rendezvous Romance in Rhythm

Romany Trail

Rubber Town Revue

St. Louis Blues Salon Musicale

Salt Lake City Tabernacle Choir and

Organ

Saturday Night Swing Club Science Service Series Selections from Light Opera

Summer Serenade Sing for your Supper

Sing, Inc.

Six Swell Tunes Songs for You So You Want to Be Southern Cruise Story of Industry Story of the Song Summer Serenade

Summer Session

Sunday Morning at Aunt Susan's

Sunny Melodies
Sunday P.M. Party
Sunset Serenade
Swing and Swing
Symphonettes
Syncopation Piece
Texas Rangers
Theater Matinee
The World Dances
This Town of Ours
Three Consoles

Time Out for Dancing

Tin Pan Alley

Today—with Bob Trout

Tours in Tone Tower Town Topics Tuesday Matinee

Tune Time

U. S. Army Band U. S. Marine Band Varsity Show
Waltzes of the World
When We Were Young
Wings Over Jordan
Word Game
World Economic Cooperation
Young People's Concerts



As You Like It Bach Cantata Series Bamberger Symphony Bands Across the Sea Barnstormers BBC Music Hall Benay Venuta's Varieties Chicago Symphony Concert Revue Crime Clinic Crimson Wizard **Curtain Time** Development of Music Drums Ed Fitzgerald's Revue Epic of America Famous First Facts Famous Jury Trials Forum Hour Fulton Lewis, Ir. Get Thin to Music Girl Meets Boy Gloom Chasers Gotham String Quartet **Grant Park Concerts** Green Hornet Hancock Ensemble Hatterfields Hawaii Calls Headliners Hollywood Whispers How About It? Impressions Indianapolis Symphony Invitation to Waltz Iazz Nocturne John Metcalf's Choir Loft Johnson Family Kalims-Kave Recitals Let's Visit Marine Band Concerts Marriage Clinic Marriage License Romance Bureau Melodies from the Sky Microphone in the Sky Midstream Moonlight Rhythms Music and You Music by -Music by Faith Music For Your Schools Musical Cartoons Musical Steeplechase Mr. Mergenthwirker's Lobblies Nation's Playhouse Nation's School of the Air Oberlin Woodwind Ensemble On a Sunday Afternoon Once Upon a Time Pageant of Melody Play Ball Press Time Quiet Sanctuary Radie Harris Commentaries Recital Hall Reminiscing Reviewing Stand Robin Hood Dell Concerts Salute to Cities Saturday Sing Song Say It With Words Schemes That Skin Sinfonietta Stan Lomax Studies In Contrast Symphonic Strings Their Greatest Stories This Wonderful World U. S. Army Band West and Matey We Want a Touchdown World Series



America Presents
Animal News Club
Call to Youth
Catholic Hour
Claire, Malcolm
Cooke, Alistair
Do You Remember?
Education in the News
Family Man
Father and Son
Forty Winks Club

General Federation of Women's Clubs Hall of Fun Harding's, Dan, Wife Herth the Swingmaker Kaltenmeyer's Kindergarten Kemper, Jimmy, Song Stories Let's Talk It Over Lives of Great Men Metropolitan Opera Company NBC Symphony Orchestra Our American Schools Saturday Morning Club Story Behind the Headlines Sunday Drivers Turn Back the Clock University of Chicago Round Table Wife Saver Words and Music World Is Ours Your Health



Adventure in Reading Amanda's Party America's Town Meeting of the Air Be Sensible Between the Book Ends Breakfast Club Budd Show Cheerio Cloister Bells Club Matinee Coast to Coast on a Bus Great Plays Horse and Buggy Days If I Had a Chance Alma Kitchell's Brief Case Little Variety Show National Farm Home and Hour National Radio Forum National Vespers NBC Iamboree NBC Minstrels of 1938 NBC Music Appreciation Hour Neighbor Nell Now and Then Radio City Music Hall on the Air Lanny Gray's Rhythm School Wings for the Martins Your Health

PET PROGRAMS OF STATIONS EVERYWHERE

The following list of "pet programs" has been compiled by RADIO ANNUAL from questionnaires and direct contact. Listings are composed of programs voiced by stations as their most outstanding contributions to their listeners. In many instances, programs listed have been originated from the station, and later adopted by additional outlets nationally. . . .

UNITED STATES

Alabama

WHMA, Anniston

Kiddy Klub of the Air Man on the Street WHMA Playhouse

WAPI, Birmingham

The Auburn Farm and Family
Forum
Odd Facts About Alabama
Curly Fox and Texas Ruby
Deep South Dreams
Day Dreams
Sleepyhead Serenade

WSGN, Birmingham

The Variety Show Birmingham on the Air Miss Ann

WMFO, Decatur

Around the Dial With WMFO Farm and Home Hour Musical Clock "Rotatin" Rhythm

WSFA, Montgomery

Minute Man and Canaries Around the Town With Camille Brown Silver's Spotlight Harry Baxter Sings News at the Hour Pop Jr. and Tutt

WMSD, Muscle Shools City

Hill Billy Program All Request Cottonpatch Serenade Dance Hour

Arizona

KOY, Phoenix Side by Side Doubling In Ivory The Dinner Bell The Mixing Bowl

KTAR, Phoenix

Radio Rides The Range
Arizona's Cavalcade of Builders
Morning Devotional
Sylan of Incle
Sweet Music
Music That Warms The Heart
Jolly Mike, The Funny Paper
Man
KTAR Social Calendar of the
Air
Beauty Speaks
Home Beautiful Hour
Just Plain Livin'
KTAR School of the Air

KGAR, Tucson

There Are Smiles
Home Folks Hymn Hour
Children's Theater
His Majesty the Baby
Arizona Hiway Patrol Bulletin

KUMA. Yuma

Singing Pete Birthday Program

Arkansas

KELD, El Dorado

Baseball and Football Games

KFPW. Fort Smith

Judy Jene's What's New in
Fort Smith
Orphans of Swing
KFPW Personality Girl
Songs All for You
Children's Corner
The Man at the Livestock
Auction

KFPW Home Building Program Organ Reveries—For You

KTHS, Hot Springs

Country Store Good Music Hour

KBTM, Jonesboro

Your Morning Herald

KARK, Little Rock

Farmer's Hour
At Your Request
Twilight Soliloquy
An Orchid to You
Calling All Tourist Cars
Rainbow Musical Question Box
Wild Cat Showcase

California

KMPC, Beverly Hills

Hollywood Bowl Symphony Meet the Author Music Appreciation Hour Hollywood Star Shots Junior Theater of the Air

KHSL, Chico

Home-makers Chit-Chat Cheerio Club Children's Bedtime Stories Camera Club Uncle Bob & His Funnies Bible Stories

KARM, Fresno

Valley Rancher's Hour Moods by Maxine The Borellometer

KMTR, Hollywood

Do You Want to be
An Announcer?
The World in Action
Dedicated to You
Hollywood Journeys
The Globe Trotters Club
Anybody Can Make Mistakes
Just Between Us
Col. Volney James and the
Sundowners
Mission Music Hall

KFOX, Long Beach

Rolly and Lloyd Kindly Philosopher Songs of the Church A Word to the Wives Man on the Street Hawaiian Rhythms

KGER, Long Beach

Long Beach Municipal Band

KECA, Los Angeles

Pat Bishop's School News Classic Hour Phil Harmonia Parents on Trial My Los Angeles The First Americans

KEHE, Los Angeles

Listen, Ladies!
Gordon Choristers
Musical Clock
Dixieland All-Star Minstrels
Jack Owens
Concert Miniatures
Gaslight Theater
Studio Dark Room
Golf Clinic
Today In Sports

KFAC, Los Angeles

Bullock's-Whoa Bill Program

KFI, Los Angeles

Broadway Memories
Meet Some People
Inglewood Park Concert
Hot Stove League
Bridge Club
Art Baker's Notebook

KNX. Los Angeles

White Fires
In Town Tonight
I Was There
Yours Sincerely
Sally of the Star
Wiley's Housewives

Wiley's Housewives' Protective

Sunrise Salute

KYOS, Merced

Homey Philosopher Saturday Afternoon Swing Women's Club of the Air

KPPC, Pasadena

Pasadena Little Theater of the Air Pasadena City Schools

Pasadena City Schools Tributary Players

KFBK, Sacramento

Inquiring Microphone Cash Prize Music Box Meditations

KROY, Sacramento

Science In Safety

KROY Players Guild Top o' the Morning

KFXM, San Bernardino

Early Bird Club The Owls Sidewalk Reporter

KGB, San Diego

Student Chorus
Talk of the Town
Southern Cal Musicale
The Magazine Man
For Ladies Only

KFRC, San Francisco

Bess Bye Feminine Fancies

KGO, San Francisco

Opportunity Theater Standard School Broadcast Who's in Town Tonight On Wings of Melody Sons of the Lone Star Musical Clock Home Forum

Fun Is Where You Find It

KPO, San Francisco

Standard Symphony
Woman's Magazine of the Air
Professor Puzzlewit
Good Morning Tonight
Tillomook Kitchen
Dr. Kate
Sleep Serenade
Dangerous Road
Martha Meade's Household
Headline
Who's Dancing Tonight
Gentleman Preferred

KSAN, San Francisco

Radio Telephone Quiz Wyoming Cowboys Pin Money Club Radio Beginners

KSFO, San Francisco

Night Editor
I Want a Divorce
Marco Spelling Bee
Sidewalk Reporter
Boy Dates Girl
Salute to Industry

KYA, San Francisco

Pertaining to Melody Morning Concert Ernie Smith's Sports Page

KVOE, Santa Ana

Rise and Shine

KDB, Santa Barbara

Tea Time Top Tunes There's Something in the Air Pop Unlimited Music By

KGDM, Stockton

The Happy Hayseeds Chapel Hour Morning Smiles

KWG, Stockton

Brain Buster Inquiring Reporter

KHUB, Watsonville

Breakfast Club Learning to Fly With Jack Irwin

Colorado

KGIW. Alamosa

Radio Billboard Granada Previews Courier Highlights San Luis Valley Women's Club Cowboy Ramblers The Globe Trotter

KFEL, Denver

Goodfellow Auctions Memory Garden KFEL Woman's Page

KLZ. Denver

Homemaker's Hour Gas Hospitality House The Children's Hour Colorado Cavalcade The Job Man The Three B's Radio Quiz

KOA, Denver

Men of the West Farm Question Box Annual National Stock Show Golden Melodies Light on the West

KFKA, Greeley

News & Interviews News Roundup of the Air

KOKO, La Junta

Saturday Birthday Party

Connecticut

WICC, Bridgeport

WICC Bowling Matches

Let's Go to Work First Offender Fairfield Jail Amateurs Yales News Do II Kno?

WTHT, Hartford

Hartford Speaks Hartford Entertains Concert Hour

WTIC, Hartford

G. Fox Morning Watch Wrightville Daily Clarion Melodic Strings

WNBC, New Britain

Good Morning Revue Danceland Riddle Rhythms King Cole Request Program

WELL New Haven

Continental Trio
Danceland Ballroom
Early Morning Chores
At the Symphony
WELI Does the Town
What Are You Reading?

WNLC, New London

Melody Lane Yawn Patrol Voice of the People

WATR, Waterbury

Morning Shopping Guide

District of Columbia

WJSV, Washington, D. C.

Sundial Labor News Review Grab Bag Aladdin's Kitchen Women Make the News

WMAL, Washington, D. C.

Along Style Street Petticoat Lane Pianos Three Quiz of Two Cities Tarheel Tattler Candlelight Cameos

WOL, Washington, D. C.

Traffic Court Sportspage of the Air

WRC, Washington, D. C.

Aunt Sue's Quiz Party Hometowners Incidentally
In Town Tonight
Mayor of Melody
My Word
Opr'y Tonight
You Say It
Washington Calling

Florida

WMFI, Daytona Beach

Merchants Parade Welcome Stranger Sports Parade

WLAK, Lakeland

Household Institute Polk County Farm Hour Man on the Street

WIOD, Miami

Tim, the Timekeeper Classroom of the Air Vagabond Mike Today's News Dramatized Florida Fishing Sports Question Box

WQAM, Miami

Man in the Street
Musical Quiz
Uncle Mac Reads the Funnies
The Scrapbook
WQAM Commentator
The Traffic Greeter

WKAT, Miami Beach

Sports Parade
Faith of the Deep South
RFD Bulletin
Univ. of Miami Adult Educ.
Classes
Insomnia Club

WCOA. Pensacola

Good Morning Man Swinging Jitterbugs Van Metre's Chillun

WSUN, St. Petersburg

Gad-About
Rhythm and Time
Candid Camera Night
Man on the Street
Nave Sisters
WSUN Players

WFLA, Tampa

Market Square World at Large Frank Grasso Ensemble

Georgia

WGPC, Albany

Royal Crown Variety Show

WGAU, Athens

Alarm Clock for the Early Birds Co-Ed Hour

Get Acquainted Hour This Rhythmic Age

WATL, Atlanta

Around the Clock With the Good Morning Man Midday Merry-Go-Round

WGST, Atlanta

Strolling Down the Lane With Dan Hornsby

The Chuck Wagon

WSB, Atlanta

Welcome South, Brother Cross Roads Follies Morning Merry-Go-Round

WRDW, Augusta

Breakfast Club Dr. Cheer

Morning Serenade

WRBL, Columbus

Three Lovely Ladies of Song Days News in Review

WMAZ, Macon

Lost and Found Column of the

WAYX, Waycross

Funster's Club Merchants Parade

Idaho

KRLC. Lewiston

Mystery Melodies Homemaker's Hour KRLC Dance Revue

KFXD, Nampa

Early Bird Morning Philosophy

KSEI, Pocatello

Six O'Clock lamboree

KTFI, Twin Falls

Harry Musgrave Variety Show The Old Poet Friendly Hour With O'Henry

Illinois

WCAZ, CarthageWant Ad Time

WCBD, Chicago

Morning Meditations Dr. Rudolph in Pianoland

WCFL, Chicago

Peekers in the Pantry Make Believe Danceland

WGES, Chicago

How to Become an American Citizen Straight from the Heart Advance School for

Americanism

Adventures in the Life of a Missionary

WJJD, Chicago

Courthouse Reporter Suppertime Frolic Safety Court Broadcasts Freedom on the March Farm Frolic

WLS, Chicago

National Barn Dance Homemakers Hour Morning Devotions

WSBC, Chicago

Americanism Adult Education Polish News in Rhyme

WTMV, East St. Louis

Rose Room Melodies Susie, The Gal from the Hills Vilal Statistics

WMBD, Peoria

Brain Teasers Man on Street Petticoat Parade His Majesty the Baby

WTAD, Quincy

Farm and Market Program Women's Program

WROK, Rockford

Couple on the Street Missus Takes the Mike Peoples Amateur Hour

WDZ, Tuscola

Woman on the Train Roving Neighbor Singing Weatherman Their Majesties the Babies

Indiana

WFBM, Indianapolis

Hoosier Farm Circle Tea Time Tunes Mrs. Farrell's Kitchen Clinic

WIBC, Indianapolis

Boy Greets Girl At Home With Kay Bartlett The Bachlorettes

WBOW, Terre Haute

Si and Ezra Spelling Bee Wabash Valley Barn Dance Monday Night Party

Iowa

WMT, Cedar Rapids, Waterloo

Cedar Valley Hillbillies Radio Riddles Question Man & Voice of Iowa Opportunity Knocks

WOC, Davenport

You Said It Yourself Romantic Musings Fun Club

St. Ambrose College of the Air

KRNT. Des Moines

Tall Corn Time Uncle Bill Reads the Funnies Hawkeye Dinnertime

KSO, Des Moines

Inquiring Microphone Priscilla Wayne The Magic Kitchen Gwen McCleary's Home Edition

WHO, Des Moines

Barn Dance Frolic Coffee Pot Inn Jerry and the Four Dons Mountaineers with Faye & Cleo

KFJB, Marshalltown

Tallcorn Jamboree Voice of the Playground

KMA, Shenandoah

Country School Homemaker

KTRI, Sioux City

News Every Hour on the Hour Market Service Musical Clock

Kansas

KCKN, Kansas City

PBX of the Air Noon Hour Clock Quizzer Court Milkman's Matinee

KSAC, Manhattan

Prof. Washburn's Morning Health Class Kansas 4-H Club Hour Vocations and Avocations Kansas Farm Hour

KANS, Wichita

Lost and Found Forum Gloomy Gus and the Honorable Reggie Morning Serenade

Title Tales

KFH. Wichita

Your Parlor Playhouse Tea Time Jamboree Cameo Theater The Old Trader

Kentucky

WLAP, Lexington

Minute Men Breakfast Express Man on the Street For the Family

WAVE, Louisville

Surprise Party High School Highlights Jewel Box Melody Time Mr. Fixit

WOMI, Owensboro

Rambles and Rhythm County Editor Kenrad Employees Hour Fanny Farmer Goes to Town Tom Tattler

WPAD, Paducah

Yellow Jacket Jamboree Inquiring Reporter Dance Time With Harry Ware

Maine

WRDO, Augusta

Many Happy Returns of the Day

WABI, Bangor

Unaccustomed As I Am Making of America The Newsreel The Society Page

WCOU, Lewiston

Rita Gamache Revue The Inquiring Mike The Musical Clock

WCSH, Portland

Three A Safety Man

WGAN, Portland

Hillbilly-Downeasters
Sidewalk Interviews by Sam
Henderson

Maryland

WBAL, Baltimore

Mary Landis Around the Dinner Table Treasure Hunt It Happened So Quick

WCAO, Baltimore

Morning Musical Clock Nocturne Jack Lederer Program

WSAL, Salisbury

Do You Remember
It Happened This Week on the
Eastern Shore
Clock o' the Morn'
Rural Jamboree

Massachusetts

WCOP, Boston

Radio Orchestral Hall Treasure Chest Frolicmakers Club College Radio Workshop Rise 'n' Shine With Farmer Russ

WBZ and WBZA, Boston and Springfield

The Four of Us
The Home Forum
Musical Clock
Rakov and His Orchestra

WEEL Boston

Food Magician
Jimmy and Dick
E. B. Rideout Weather Service
Eddie Lee the Handy Man
The Boston Hour

WMEX, Boston

Campus Varieties Hour of Music Joe Rubin's Discoveries Question Box Al Rawley and Wild Azalias

WORL, Boston

The M-1 Reporter Woman of Tomorrow The Wellcome Singers Fishing Time With the Metropolitan Angler

Sidelights on Beacon Hill

WSAR, Fall River

Melody Memory Contest Voice of the Community

WHAI, Greenfield

Barn Dance Morning Moods in Melody With Alberta March Bell-Ringers on Main Street

WNBH, New Bedford

WNBH--What New Bedford Hears

WMAS, Springfield

Rhythm and Rhyme Early **Risers** The Fun Club

WSPR, Springfield

Children's Program College Series Cooking Forum Morning Gazette

WORC, Worcester

Good Morning Neighbor Enchanting Hour Home Folks Frolic Sports Final

Michigan

WELL, Battle Creek

The Engagement Book Lost and Found Where to Go Tonight Aunt Martha and Mary

WMBC, Detroit

We Play'em You Guess'em Little Red Schoolhouse Happy Hour Club Mental Confusion Melody Matinee

WWJ, Detroit

The Back Ace Swingology

WXYZ, Detroit

The Lone Ranger
The Green Hornet
The Factfinder
Children's Theater of the Air

WIMS, Ironwood

Tony's Eye-Opener Daily Sportopics Musical Miniatures Saturday Night at Home

WKZO. Kalamazoo

News on the Street Out of the Dusk Patty, Social Secretary Hillbilly Opera

WJIM, Lansing

Uncle Howdy's Kiddies Jamboree Musical Clock Life in Lansing

WKBZ, Muskegon

Morning Parade Wake Up and Listen Sing and Smile

WHLS, Port Huron

Home Economics
Man on the Street
The Hired Man
Special Children's Program

Minnesota

KDAL, Duluth

Mind Your P's and Q's On Wings of Song Arrowhead Tourist Time

KGDE, Fergus Falls

Who Am I Here Is a Tip Best Wishes Recipe Time With Sally Fashion News

WLB, Minneapolis

University of Minnesola Convocation Minnesola School of the Air

Minnesota School of the Air Music Appreciation Program

KVOX. Moorhead

Us on a Bus Saturday Jamboree

KFAM, St. Cloud

Have You Read The Snooper

WMIN, St. Paul and Minneapolis

News of the Hour on the Hour Music Hall

WTCN, St. Paul-Minneapolis

Jane Joy Funny Paper Show Ann Ginn Around the Town Billy Rhoades the School Reporter

WHLB, Virginia

Northern Lights Jamboree

The Old Timers Terry Takes the Air The Clambake

KWNO. Winong

Number Please Junior Show Smiling Keys Treasure House

Mississippi

WSLI, Jackson

Women's Gift Club

Missouri

KFRU, Columbia

Sunrise Roundup Unhitchin' Time Missouri Farm and Home Hour Kentucky Krooners

WMBH, Joplin

Barn Dance

KCMO, Kansas City

Missing Persons Lawyers Round Table Sunday at Two

KITE, Kansas City

Wheat Belt Whimsies
The Heart of American
Hoedown

KMBC, Kansas City

Texas Rangers Around the Breakfast Table Brush Creek Follies

WHB, Kansas City

Magic iKtchen Musical Clock Farmers Court Farmers Hour Embassy Club

KWOC, Poplar Bluff

The Drugstore Doorman
The Criterion Quiz School

WIL, St. Louis

Mr. Fixit Civic Service Program Birthday Bells Breakfast Club Today's Winners

KWTO, Springfield

What's New on the Air Gumdrop and Goober Ozarkanna Corners

Montana

KFBB, Great Falls

Hospital Reports Farmers Hand Rovina Hill-Billy

KGVO, Missoula

Dude Ranch Word Bout Sunday Night Play Musical Impromptu

Nebraska

KFAB. Lincoln

Cornhusker Jamboree

KFOR, Lincoln

Parade of the Stars

WOW, Omaha

Man on the Street Time and Tunes Hymns of Cheer Creighton University of the Air

New Hampshire

WHEB, Portsmouth

I'll Swap Yuh Radio Pulpit Supply and Demand

New Jersey

WCAP, Asbury Park

Boardwalk Interviews Sunnyside o'Life Radio Kiddies

WPG, Atlantic City

Atlantic City Entertains You're Telling Me

WAAT, Jersey City

Uncle Jonathan Broadwayites Stardust Breakfast Reporters

WHOM, Jersey City

We Americans
Voice of the Heart
Questions and Answers

WOR, Newark

Say It With Words Famous First Facts Bach Cantata Series What's My Name People's Rally WOR Symphony

New Mexico

KGGM, Albuquerque

Women's Club of the Air The Sunshine Special

KICA, Clovis

Woman's Club of the Air

KAWN, Gallup

Housekeepers Club Welcome Stranger Honest John's Request Hour

KWEW, Hobbs

Do You Want to Trade? Goodmorning Ladies

New York

WNBF, Binghamton

Quiz Ball Worker's Hour The Birthday Hour

WARD, Brooklyn

The Bystander
Health and Happiness
Two Hours in Ireland
Jewish Court of Arbitration
Pride of Judea Orphans Home

WBBC, Brooklyn

The Uncle Arnold Program Your Home Town Silver Linings

WBBR, Brooklyn

Kingdom Instruction Model Bible Stories of the Air The Record Album

WCNW, Brooklyn

Voice of the Unemployed Concert Hall of the Air Bridge Forum Public Service Forum Hour Kitchen Cabinet

WBNY, Buffalo

Ye Old Town Crier Pulse of Buffalo Let's Talk It Over Kiddie's Karnival

WEBR, Buffalo

Names Make News Your Community Children's Hour

WCAD, Canton

Cranium Crackers

WESG, Elmira

Quik Quiz Davdreams Fifth Estate Roomates & Co.

WGNY, Newburgh

Toast and Coffee Hour Community Quiz For Women Only Gwen Scott Says

WABC, New York

Morning Almanac, Featuring Phil Cook Sports Review

WBIL. New York

Public Service Forum Symphonic Moods Great Americans Musical Vianettes

WINS, New York

Walter King's Song Contest The Musical Clock Louis Katzman's Romantic Cycles Ted Webbe's Man on the Street

WMCA, New York

American Forum
Talk of the Town
Jimmy Walker's Visiting Hour
Success Stories

Bill Harding's Racing Results

WNEW, New York

Make Believe Ballroom Milkman's Matinee Little Things in Life

WNYC, New York

Masterwork Hour City Council Broadcasts Want Ad Column of the Air Let's Make Music Civil Service Quiz Radio Playhouse

WOV, New York

Stars in the Making Album of Love Veiled Lady Stories Continental Nights

WQXR, New York

Breakfast Symphony Musical Memory Contest Composers Hour

WHDL, Olean

Cheek to Cheek

WHAM, Rochester

True Stories of the N. Y. State Police

Hank and Herb and the Old Timers Eastman School Symphony Rochester Philharmonic Orchestra

WHEC. Rochester

Lamp Lighting Time Down Town Cowboys Silver and Gold Broadcast from City Hall Swap Shop

WNBZ, Saranac Lake

Breakfast Club This Woman's World

WGY, Schenectady

Studio Spotlight Musical Tete a Tete Red Horse Revue Science Forum International Melodies

WSYR, Syracuse

Radio Backstage New York State Employment Program The Reading Room At the Crossroads

WHAZ, Troy

Campus Serenaders Faculty Talks

North Carolina

WWNC. Asheville

Saturday Night Roundup Eight O'Clock in Asheville

WBT, Charlotte

Briarhoppers Jamboree

Who's Who in Hollywood

WDNC, Durham

The Melody Kitchen What's the Name of That Song? That Which You Should Know Evening Stars

WPTF, Raleigh

Children's Birthday Party Man on the Street

WEED, Rocky Mount

Carolina Planters Program Rooster Crows Tea Timers Man on the Warehouse Floor Old Songs for New

WGTM, Wilson

Mustard and Gravy

WAIR. Winston-Salem

Looking Around Winston-Salem Yawn Patrol Words and Melody Keaton on the Keys

WSIS, Winston-Salem

The Kiddies Party Corny-gate Hall For Madame Man on the Street

North Dakota

KDLR, Devils Lake

Children's Birthday Train Saturday Night Amateur Educational Series

KGCU, Mandan

Traffic Patrol Barn Dance

KLPM. Minot

Everybody's Hour Witt and Music Good News Program Liar's Club

KOVC, Valley City

Everything Stops for Tea Catch the Announcer Know Your Players Man on the Ice

Ohio

WADC, Akron

Main Street Opinions Behind the Scenes Trailer Talks Fireside Interviews

WICA, Ashtabula

Down the Aisles
I'll Swap You
Sunday School of the Air
Bob Hubbard's Penthouse of
Harmony
Top of the Morning

WHBC, Canton

Musical Clock Good Morning Neighbor Phantom Ballroom Little Theater

WCKY, Cincinnati

Safety First Men of Tomorrow Renfro Round Up Melodic Whispers

WCPO. Cincinnati

Dance With News Pep Unlimited Club Train Time

WKRC. Cincinnati

Dawn Patrol Glenn Hughes' Barn Dance For Your Pleasure Economy Kitchen

WLW, Cincinnati

Musical Steeplechase Mad Hatterfields Mid-Stream Spotlight Nation's School of the Air

WSAL Cincinnati

Tips—Tunes and Topics Hot Stove Musicale Battle of Tunes

WCLE, Cleveland

Cleveland Comments Music for the Ladies For You

WGAR, Cleveland

Your Town
Public Square
Cultural Institute
Wings Over Jordan
Meet the Rams

WHK. Cleveland

We Americans New Names Doctor Swing Quiz-Bee Curtain at 8:30

WTAM, Cleveland

Health and Home With Jane Weaver Do You Remember? Cobwebs and Cadenzas Shanahai Nights

WBNS, Columbus

Folks from Pleasant Valley Hello Ohio

WHKC. Columbus

The Spectator
The Buckeye Four
What Is It?
Neighbor's Noon Hour
Georgia Crackers

WHIO, Dayton

Dunker's Club Municipal Court Echoes and Encores Morning Almanac

WSPD, Toledo

Quiz-Bee

Sidewalk Interviews

The Editor Speaks Answer Me This

TD 7-----

WALR, Zanesville

Men on the Boulevard Kiddies Cafe Revue A.A.U.W. Airline News

Oklahoma

KOCY, Oklahoma City

Man on the Street

KOMA, Oklahoma City

Three Keyboards Turning the Leaves

Penthouse Serenade

Keyboard Konversations

KTOK, Oklahoma City

Family Life Radio Forum Original Rollickers Swinabillies

WKY, Oklahoma City

Uncle Ben's Funny Paper Hour Pancho and His Ridge Runners Doghouse Court

KHBG, Okmulgee

Kiddies Review Keyboard Kutup

KTUL, Tulsa

Old Frougie Tonight in Tulsa

KVOO, Tulsa

Calling All Tourists Cars
Every Man's Boy
Bob Wills and His Texas Playboys

Oregon

KOAC, Corvallis

Homemakers' Hour School of the Air Co-ed Exchange 4-H Club Program

KORE, Eugene

What Lane County Thinks Eric Merrils Questions and Answers

KMED, Medford

Friendship Circle It's a Fact Morning Melodies

KEX. Portland

Covered Wagon Days Curbstone Quiz Oregonian on Review

KGW. Portland

Fireside Hour Trail Blazers The Night Watchman Lone Star Troubadour

KOIN, Portland

5-Star Final Thanks for the Memory Rainbows End Oregon on Parade

KWIJ, Portland

Frankly Speaking
Top Tunes of the Day
Free Trade and Swap Service
Montana Wranglers

Pennsylvania

WLEU, Erie

Early Bird Program
Old Philosopher Program
Children's Quiz Program
Man on the Street Program

WIBG, Glenside

Beaver College Minstrels Glenside-Weldon P.T.A. Doris Mae Smith

WHJB, Greensburg

Silly Salesmen The Index Memory Lane Woman to Woman

KYW, Philadelphia

Music for Moderns Top Hatters Campus Capers Musical Clock

WCAU, Philadelphia

Household Favorites Alan Scott Horn & Hardart Children's Hour Continental Rhapsody

WDAS, Philadelphia

Merry-Go-Round Evening Ledger Music Hour Varsity Vespers

The Column of the Air

WFIL, Philadelphia

Jack's Jamboree Romantic Troubadour Married Life

Dorothy Dix Dramatizations

WIP, Philadelphia

Varsity Matinee Clickety Clack Youth in the News Hand of Destiny

My Stars

WPEN, Philadelphia

Help a Neighbor
The Boy Counsellor of the Air
Night Club of the Air
Twilight Silhouettes

KDKA, Pittsburgh

Grand Slam Revue Merry Music Song Picture Under Western Skies

KQV, Pittsburgh

Today's Sports The Show of the Day Sunshine Minstrel Morning Meditation

WCAE, Pittsburgh

Stardust Romance Backstage Sophisticated Ladies, Girls, Trio The Airliners

WGBI, Scranton

The Sidewalk Quizzer Let's Go to School The High School Reporters Men of Tomorrow

WPIC, Sharon

Harry Williams Trio Masters of Rhythm Poetic Musings Tic-Toc Tunes

The Final Edition

WKOK, Sunbury

Cameo Tune Quiz Old Organ Doctor Reg and Paul Spelling Bee

WRAK, Williamsport

Smokey Mt. Boys Jim and Jane The Melody Men Smokey & Dot

South Carolina

WIS, Columbia

Treasure Chest Mickey Mouse Club The Sun Dial South Carolina Safety Patrol Just Thinkin'

WFBC. Greenville

News on Parade Nothin' Special Music of the Masters Museum of Melody Meeting House in Dixie

WSPA, Spartanburg

Cathedral Chimes
Hal and Pat's Organ Requests
Mugford Again
Crazy House
For Ladies Only

South Dakota

KABR, Aberdeen

Children's Theater of the Air Among Neighbors Program

KGFX, Pierre

Hospital List Justice Dept. News Daily

KOBH, Rapid City

Teen Time Tunes
The Man on the Street With
His Word of the Week
Thought for the Day

Tennessee

WOPI, Bristol

Saturday Afternoon Matinee The Jamboree

WDOD, Chattanooga

Noonday Frolic

WNOX, Knoxville

The Midday Merry-go-Round Man on the Street Good Neighbors Long Remember Getter-Upper

WHBQ, Memphis

The Sumpus Boys Etchings in Black and White Streets and Avenues The Clock-Watches

WMPS, Memphis

Jam for Supper

WSM, Nashville

Grand Ole Opry Magnolia Blossoms Sunny South Minstrels

Texas

KGNC, Amarillo

Doctor I. O.

Open Forum of the Air Sons of the West

KNOW, Austin

Seven Days on the Forty Acres Your Safety Friend

Sweetheart by Remote Control

Traffic Sentinel

Between the Lines With Roger

Busfield

That's That

KBST, Big Spring

Piano Impressions

Girl of a Thousand Lovesongs

Cavalcade of Songs

KGFI. Brownsville

Big Brother Club

Spanish Amateur Hour

Good News

Wake Up and Live

KRLD, Dallas

Morning Jamboree

Sketches in Melody

Stamps Quartet

Singing Convention of the Air

WFAA. Dallas

The Early Birds

Treasure Gold

WRR, Dallas

Morning Melody Shop

Noon Hour Varieties

Business Builders

The Cowboy Ramblers

KTSM. El Paso

Magazine of the Air

Voice of Today

Pathfinders of Medicine

Listeners Club

KFIZ. Fort Worth

Morning Roundup

KTAT, Fort Worth

Stars of Tomorrow

Texas Entertains

Music That Charms

Sweetheart Serenade

WBAP, Fort Worth

Helen's Home

Melodic Moments

On Wings of Song

Black Night

KSAM, Huntsville

Cocktail Varieties

KPAB, Laredo

Man on the Street

KFRO, Longview

Top of Morning

Coffee Cup Cabaret East Texas Sun Dial

KFYO, Lubbock

Professor Twigleaf

Sidewalk Snoopers

Cosden Git Program

KPDN, Pampa

The Poet's Corner

Console Request Varieties

KTSA, San Antonio

Tradina Post

Quarter to One

Alamo Lumber Nightly News

by Air

Singin' Sam

WOAL San Antonio

Dial-A-Smile

Lives of Great Americans

Reverie

Mexican Serenade

KRRV, Sherman

The Gate City Swing Club

The Red River Valley Singing

KTEM, Temple

Czech Melody Hour

Just We Two

Allen Thomas' Blue Jackets

KCMC, Texarkana

Dude Ranch Girls

Circus Broadcasts

KGKB, Tyler

Singing Salesmen

Parade of Values

Welcome Stranger

KRGV, Weslaco

Tv Cobb-Valley News

Birthday Party

Utah

KLO, Ogden

Reddy Kilowatt Club

Old Spinning Wheel

The Music Master

Poet and the Organ

Popeye Club

KEUB, Price

Carbon and Emery Counties Program

Ten Top Tunes of the Week

KDYL, Salt Lake City

Singtime

Hello, Ladies The Spelling Bee

Vermont

WQDM, St. Albans

What Is It? As You Like It

WNBX, Springfield

The Singing Parson Old Fashioned Githerin'

WDEV, Waterbury

The Old Squire Housewives Morning Matinee The Camera Club Birthday Party

Virginia

WCHV, Charlottesville

Ivory Interludes Straight Jacket

The Classical Hour

WSVA, Harrisonburg

Rural Rhythm Musical Merry Go Round Morning Moods Make Believe Ballroom Melody Clinic

WTAR, Norfolk

Radio Luncheon Club Sports Revue

WRVA, Richmond

Cross Roads Hall

WDBJ, Roanoke

On Wings of Song Ad Libber's Club Magic City Varieties Saturday Night Get Together

Washington

KXRO, Aberdeen

That Was the Time What Grays Harbor Thinks What Do You Know?

KELA, Centralia and Chehalis

Audition Hour Professor Snoop Kiddies Club

KWLK, Longview

Home Folks Hour Mary Merk

KGY, Olympia

So You Think You're Smart Morning Sundial

KWSC, Pullman

Roundtable Discussion

English Club of the Air The Globe Turns The Presses Roll Variety Show

KEEN, Seattle

Seattle Speaks Enterprise All Colored Program

KIRO, Seattle

Song at Twilight Starlight Serenade Meet the Editor Moonlight Music

KIR, Seattle

Top Tune Revue

KOMO, Seattle

Sunshine Club Morning Reveries

KFPY, Spokane

Good Morning Neighbors Meet Your Neighbor The Welcome Committee Sunday Night Forum People and Places

KMO, Tacoma

Syncopated Riddles Ye Old Town Crier Smilin' Thru Musical Klock

KVI, Tacoma

Sunrise Club Mystic Melodies Rhyming Ruben Model Star Question Box Just Calling

KUJ, Walla Walla

Braden-Bell Serenaders

West Virginia

WHIS, Bluefield

Big Little Broadcast
Early Morning Jamboree

WCHS, Charleston

Old Farm Hour Young Stars of Tomorrow Musical Spelldown

WMMN, Fairmont

Sagebrush Roundup Southern Stars Club Control Room Down Memory Lane

WWVA, Wheeling

Young America Broadcasts Night Owl Midnight Jamboree

Wisconsin

WHBY, Green Bay

High Noon Heat Bud and His Buddies

WTAQ, Green Bay

Farmhands Mutiny on the Bounty

WCLO, Janesville

Man-on-the-Street

WKBH, La Crosse

Kiddies Club The William's Sport Flash

WHA, Madison

Wisconsin College of the Air

WISN, Milwaukee

Down by Hermans Ann Leslie's Scrapbook Fiddlers Three

WTMI, Milwaukee

What's New With Nancy Grey Top o' the Morning Heinie and His Grenadiers

WRIN, Racine

Moments of Life Lola Andre Little Theater of the Air Twilight Serenade Iuvenile Traffic Court

WSAU, Wausau

Best Wishes Console Capers Jamboree Rhythm in Style

Wyoming

KWYO, Sheridan

Inquiring Reporter Musical Guessing Contest Fire Siren—Tie Up

Alaska

KFQD, Anchorage

Ice Worms Children's Birthday Party

Hawaii

KGU, Honolulu

Voice of Hawaii to NBC SoJourner

Puerto Rico

WPRP, Ponce

Peticiones-y Dedications

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FOR - 1938



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Radio Artists



AND THEIR WORK **DURING 1938**





- A -

ABILL, JUNE WOPI, Bristol, Tenn, Man on the Street Program.

ABBOTT, LEW

CBS. Kate Smith Show.

ACE, GOODMAN NBC. Easy Aces.

ACE, JANE

NBC. Easy Aces.
ADAMS, ALTON
CKNX, Wingham, Ont. Dr.

Peter Harris.
ADAMS, BILL
CBS. Cavaleade of America.

ADAMS, CAROLYN

WICA, Ashtabula, Ohio. Universal Menus.

AGUGLIA, MIMI

WOV, New York, N. Y. Procter and Gamble Ivory Mas-

ALEXANDER, A. L.

WHN. Arbitration Court. ALEY, ALBERT

American School of the Air, Columbia Workshop, Let's Pretend.

Pretend.
ALLEN, CHARME
GBS. Pretty Kitty Kelly.
ALLEN, FRED
NBC. Town Hall Tonight.
ALLEN, GRACIE
Chesterfield Program CBS.

Burns and Allen NBC.
ALLEN, WALLY
WLAP, Lexington, Ky
Movie Man. Lexington, Ky. The

ALLENBY, PEGGY

Big Sister, Pretty Kitty Kelly CBS, David Harum Sketch NBC

ALLYN, RITA

Lucky Strike, Palmolive, True Story. CBS. Heinz.

AMECHE, DON

NBC. Chase and Sanborn.

AMECHE, JIM

Attorney at Law.

ANDERSON, EDDIE NBC. Jello Program.

ANDRE, PIERRE
MBS. Sunday Matinee.
ANDREWS, CAMERON

CBS. Four Corners Theatre, Ghost of Benjamin Sweet. ANTHONY, JOHN J.

MBS. Good Will Hour.

ARNALL, CURTIS
Artist—Pepper Young's Fam-

ily NBC and others.
ARNOLD, SETH

CBS. Big Sister.
ARQUETTE, CLIFF

NBC. Tune Types. ATWELL, ROY

CBS. Joe Penner Program.

AUBREY, WILL KGO, San Francisco, Calif. Musical Clock.

MUSRICAL CHOCK.
AUSMUSS, G. L.
WBAP, Fort Worth, Texas.
Black Night.
AUSTIN, JANE
KOME, Tulsa, Okla.

— B -

BABBIT, GENE KWK, St. Louis, Mo. Sketches in Melody.

BACHULUPI, TONY

WWL, New Orle Tony's Songbusters. New Orleans, La.

BACKUS, JIM

CBS. Big Sister, Aunt Jenny's Real Life Stories, Al Pearce Gang.

BACON, MILTON WCKY, Cincinnati, Ohio, Apples with Salt.

BADALOTI, MARIO

WOV, New York, N. Y. La Perla, Proeter and Gamble Oxydol Program.

BAIRD, GEORGE

CKNX, Wingham, Out. Dr. Peter Harris.

BAIRD, JANET KGO-KPO, San Francisco, Cal. Woman's Magazine of the Air, Who's in Town Tonight,

BAKER, PHIL

CBS. Gulf Oil. NBC. Dole Program.

BALDI, DIANA

WOV, New York, N. Y. Procter and Gamble Oxydol Program, General Mills Wheaties

BALL, LUCILLE

CBS. Jack Haley's Wonder Show.

BANKS, JOE CBS. Nancy James.

BARKER, BRAD

CBS. Mighty Show.

BARNES, AMANDA
WEW, St. Louis, Mo. Just
Home Folks.

BARNES, PAT MBS. Barnstormers

BARNEY, MARION STEVENSON Artist—Pepper Young's Fam-

Artist—Pepper roung's ramily NBC and others.

BARRETT, BETTY
KWK, St. Louis, Mo. Sketches in Melody, Betty and Her

Boyfriend.
BARRETT, PAT
NBC. Alka-Seltzer National NBC. Alka-Seltzer National Barn Dance Unele Ezra's Radio Station EZRA

BARRYMORE, JOHN

CBS. Texaco Star Theatre.

BAUER, DR. W. W. NBC. Your Health.

BEAUMAND, HUGH WWL, New Orleans, La. Play

house of the Air.

BEAUPRE, MAURICE CHRC, Quebec, Que.

BECK, JACKSON CBS. Myrt and Marge, The Goldbergs.

BEDARD, ROLLAND CHRC, Quebec, Que. The Mis-adventures of Fernandeau.

BEHMILLER, HELEN

WMAQ-WENR, Chicago, Ill. BELCHER, JERRY

NBC. Interesting Neighbors.

BENADERET, BEA
KECA-KFI, Los Angeles, Cal.
Can You Beat That, Parents on Trial.

BENCHLEY, ROBERT

CBS. Melody and Madness.

BENNY, JACK NBC. Jello Program.

BERG, GERTRUDE CBS. The Goldbergs. NBC.

BERGEN, EDGAR

NBC. Chase and Sanborn.

BERGMAN, TEDDY
Myrt and Marge CBS, Grand Central Station CBS, Big Sister, The Shadow MBS, Royal Crown Revue NBC.

BIGGS, BUNNY

KGKO, Fort Worth, Texas. Slo 'n Ezy.

BILL, EMIL WMBD, Peoria, Ill. Wayside

Chapel.

BLACKBURN, ARLINE CBS. Pretty Kitty Kelly. BLAINE, JOAN

NBC.

BLANE, RALPH

Crown NBC. Royal Consolidated Edison, Cloutier Presents, The Sunday Show, Design for Dancing, Carica-tures in Rhythm, Port of Missing Hits, America Presents.

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BLAND, AL
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RIJISS, MRS.

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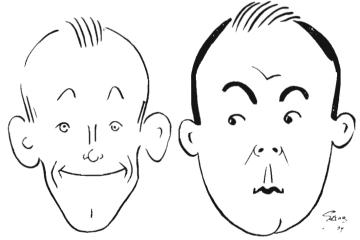
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BOITEAU, ROGER CHRC, Quebec, Que.

BOUCHEY, WILLIS CBS, Helen Trent's Romance.

BOULTON, MILO CBS. The Goldbergs.

BOUREE, ADJ. CHRC, Quebec. Que. French Canadian Old-Time Sorrees

BOWES, MAJOR EDWARD CBS. Major Bowes' Amateurs.

BOYNTON, BESSIE WMAQ-WENR, Chicago, III.

BRACCIANTE, JOE

WMPS, Memphis, Tenn. BRAGG, MARION

WMAZ, Macon, Ga. Words and Music.

BRAMLEY, RAYMOND CBS. Pretty Kitty Kelly, Hill-top House, Second Husband, Big Sister, Howie Wing.

BRASSARD, COLETTE CHRC, Quebec, Que

BRAYTON, MARGARET CBS. Joe Penner Program.

BRENNER, FRANCES KVOO, Tulsa, Okla. Afternoon Social, Brains of Bright Hope.

BRICE, FANNY NBC. Good News of 1938. BRICKERT, CARLTON

WMAQ-WENR, Chicago, IH.
BROWN, CONSTANCE
CBS. American School of the
Air, Columbia Werkshop, Four

Corners Theatre.
BROWN, HENRY
WOMI, Owensboro, Ky. Fanny

Farmer Goes to Town.

BROWN, JOE E.

CBS. Post Toasties Program.

BROWN, JOHN
CBS. Al Jolson Program.

BRUCE, ROBERT C. Snow Village Sketches NBC. Death Valley Days NBC School of the Air CBS, Gang Busters CBS, Candid Lady CBS, Curtain Rises CBS, Exploring Radio CBS, Grouch Cub KFWB.

BUCHMAN, "PAPPY" WCNW, Brooklyn, N. Y. Your Program.

BUCKLEY, FLOYD

BUCKLEY, FLOYD

CBS, Howie Wing,
BUNCE, ALAN

NBC, David Harum, Hel'o
Peggy, John's Other Wife,
BUNCH, COVITA

KWK, St. Louis, Mo. MidAfternoon Madness, Today at Two, Sketches in Melody,

BURBANK, SARA WBNF, Burghamton, N. Y. BURGER, TONY

Pretty Kitty Kelly. CBS. BURKE, BOB

KWK, St. Louis. Wise and Filbert. Louis, Mo, Pop BURNS, GEORGE

Chesterfield Program CBS. Grape-Nuts NBC.

BURNS, ROBIN ("BOB") NBC, Kraft Music Hall, BUSLEY, JESSIE CBS, Big Sister.

BUTTERWORTH, WALLY NBC Yox Pob.

CAINE, BETTY WMAQ-WENR, Chicago, Ill. CALVERT, REV. G. R.

CJRC, Winnipeg, Man. Morning Devotions.

CAMERON, VIVIENE WMEX, Boston, Mass. Campus Varieties.

CAMPBELL, ARCHIE WNOX, Knoxville, Tenn.

CANTOR, CHARLES NBC. Kitchen Cavaleade. Town Hall Tonight.

CANTOR, EDDIE CBS. Camel Caravan Pro-

gram. CARD, KATHRYN

WMAQ-WENR, Chicago, III. CAREY, MACDONALD

WMAQ-WENR, Chicago, III. CARL, CLIFF

WHO, Des Moines, la. Coffee Pot Inn. CARLON, LINDA

CBS. Pretty Kitty Kelly, Myrt and Marge, Valiant Lady.

CASE, MARILU WDNC, Durham, N. C. For Your Information.

CATANDELLA, MRS. GEORGE WICC, Bridgeport, Conn. Children's Story Parade.

CHAPPELL, ERNEST MBS. Headlines, Show of the Week.

CHESHIRE, HARRY (PAPPY) KMOX, St. Louis, Missouri, Pappy Cheshire and Gang.

CHILTON, RUTH WSYR, Syracuse, N. Y. Ruth Chilton's Matinee.

CHOAT, HELEN CBS, Pretty Kitty Kelly, CHOATE, VIRGINIA WLAP, Lexington, Ky. For

Wemen Only

CHURCH, MINA WGTM, Wilson, N. C. CLAIRE, HELEN

Death Valley Days. NBC. Dream of Long Ago.

CLARK, VIRGINIA CBS. Helen Trent's Romance. CLAYET, MADO CHRC, Quebee, Que, The Mis-adventures of Fernand au.

CLEARY, LEO KGO, San Francisco, Calif. Leo and Ken, Fun 1s Where You Find 11.

COLBERT, JEAN CBS, Pretty Kitty Kelly, The Geldberrs, Gang Busters, See end Husband.

COLE, ALZONO DEAN
MBS. The Witch's Tale.

COLE, GRADY
WBT, Charlotte, N. C. Comet
Rice Philosupher, Grady Cole Alarm Clock.

COLLIN, JEAN
CHRC. Quebec. Que,
COLLINS, RAY

CBS. Cavaleade of America. Philip Morris Program, Kate Smith Show, Aunt Jenny's Real Life Stories, Big Sister, Grand Central Station. COLLINS, TED

CBS. Kate Smith Show. COLLYER, CLAYTON
CBS. Pretty Kitty Kelly.
COLONNA, JERRY

Pepsodent. NBC.

CBS. Kate Smith Hour.
COTT, TED
WNYC, New York, N.

Symphonic Varieties, Let Freedom Ring, Bound in Moroeco. COULOURIS, GEORGE CBS. Joyce Jordon.

of Life.

COURTNEY, ALAN MBS. Gloomehasers. COUTLEE, J. RENE CHRC. Quebec, Que.

COX, COLEMAN Francisco, Calif.

KGO, San Francisco, Homespun Philosopher,

COMPERE, DOROTHY WBAP, Fort Worth, Texas, Helen's Home.

CONRAD, DICK WRJN, Racing, Wis. Moments

CONRIED, HANS
KECA - KFI, Los Augeles,
Calif. Can You Beat That,
Parents on Trial.

Little

Kelly

N.

Gang

CONRAD, ROSE MARY WRJN, Racine, Wis. Theatres of the Air.

CORRELL, CHARLES J.

COSTELLO, BUD

COSTELLO, DON

COSTELLO, LOU

NBC. Amos 'n' Andy.

CBS. Pretty Kitty Columbia Worskhop.

Busters, Mighty Show.

CBS. Pretty Kitty Kelly.

CRIBBIN, WALTER
KSAN, San Francisco, Calif.
Radio Beginners.

CRIMI, HARRY WTIC, Hartford, Conn. Noontime Varieties.

CRIZELL, TITO KGF1. Brownsville. Amateur Spanish Hi. Texas.

CRONKHITE, GLADYS KGO, San Francisco, Calif. KGO Home Forum.

CROSBY, BING NBC, Kraft Music Hall Pro-2722111

CROWLEY, MATTHEW

C38. Pretty Kitty Kelly. CURLEY, LEO CBS. Big Sister, Pretty Kitty Kelly Myrt and Marge, Gang Busters.

CURLEY, VIRGINIA
CBS, Cavatende of America. Al Jolson Program, Dr. Christian, Jack Haley's Wonder

CURTAIN, JOSEPH CBS. Second Husband, Nancy

- D -DAIGNEAU, KEN CBS, Gang Busters, Colum-tra Workshop,

DAMERAL, DONNA

CBS. Myrt and Marge. DANIS, LEW WOV, New York, N. Y. Procter and Gamble Ivory Mas-

DANZIG, JERRY MBS. Let's Visit

DAVIDSON, GRETCHEN CBS, Kate Smith Show, Carol Kennedy's Romance.

DAVIS, BILL KITE, Kansas City, Mo. Wheat Belt Whimsies.

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KWEW, Hobbs, N. M. The
Homemakers' Hour.

DeKOVEN, ROGER
CBS. Big Sister, Hillton
House, Philip Morris Pro-

gram, Myrt and Marge, Gang Busters. DEMLING, BILL

CBS. Post Toasties Program. DETTINGER, ALMA

WICC, Bridgeport, Conn. How Smart Are You, Beauty on a Budget.

DEVINE, ANDY
NBC. Jello Program.
DEVITT, ALAN
CBS. This Day Is Ours.
NBC. David Harum. MBS. MBS. Famous First Facts, Famous Jury Trials, The Shadow.

DEWEY, PROSPA KVOL, Lafayette, La, Irish Gaiun.

DIAMOND, THEDA WFIL, Philadelphia, Pa. Married Life.

DICKSON, ARTELLS
CBS. Pretty Kit
Mighty Show. Kitty Kelly.

Di CORSIA, TED
CBS. Gang Busters, Cavalcade of America, Kate Smith Show, We the People, Philip Morris Program.

DIXON, BERT WNYC, New York, N. Y. Temple Incense, Masterwork Hour.

NANCY DIXON. DIXON, NANCO WCAU, Philadelphia, Pa What's News in the Stories. DOUGHERTY, EDWARD P.

WHLS, Port Huron, Mich. The Hired Man.

DRISCOLL, DAVE
MBS. Let's Visit.
DULIN, MARTHA

WBT, Charlotte, N. C. The Woman's World.

DUMAS, HELENE
CBS. The Goldbergs.
DUMKE, RALPH
NBC. Sisters of the Skillet. DUNLAP, PATRICIA

MBS. Batchelor's Children,

We Are Four.

DUNN, J. MALCOM CBS. American School of the DUPRE, HENRY

WWL, New Orleans, La. Souvenirs.

- E -

EARL, CRAIG CBS. Professor Quiz.

EARLE, EMILY MBS. Barnstormers.

EAST, EDDIE

Sisters of the Skillet NBC, Ed East's Houseparty WHN, Original Amateur Hour WHN.

EDWARDS, EDDIE KMBC, Kansas KMBC, Kansas City, KMBC Happy Kitchen. City,

EINSTEIN, HARRY "PARKYAKARKUS" CBS. Al Jolson Show.

ELLEN, MINETTA NBC. One Man's Family.

ELLIOTT, WILLIAM WICC, Bridgeport, Conn. Street

Scene, Do U Kno ELLSTROM, SIDNEY WMAQ-WENR, Chicago, 111.

ELMAN, DAVE

NBC. Hobby Lobby.

EMERY, BOB

MBS, Rainbow House, Wonderful World.

ENGEL, HAROLD A. WHA, Madison, Wis.—WLBL. Stevens Point, Wis. Wiscon-Stevens Point, Wis. Vsin College of the Air.

ENSLOW, CATHERINE
WSAZ, Huntington, W. Va.
Talkie Tatler.

ERIC, ELSPETH CBS. Joyce Jordan. ESTRELLA, BLANCA

WIOD, Miami, Fla. EVANSON, EDITH CBS. Myrt and Marge.

EVERETT, LEE WMAL, Washington, D C PDS Presents, Tarheel Tattle. Old Times.

- F -FAIRLEIGH, PAUL

WMPS, Memphis, Tenn. FARNUM, WILLARD WMAQ-WENR, Chicago, 111.

FENNELLY, PARKER CBS. Pretty Kitty Kelly. FIDLER, JIMMY CBS, Hollywood Gossip.

FIELD, BETTY

CBS. Kate Smith Show. FIELDS, ARTHUR NBC. Fields and Hall, Sunday

FIFER, JANE

Drivers

WTAD, Quincy, Ill, Women in the News, Stories Old and New, Just for the Ladies, FIKE, THOMAS

WLAP, Lexington, Ky. Jake and Jonah

FILLBRANDT, LAURETTE WMAQ-WENR, Chicago, Ill. FISHER, GEORGE
MBS, Hollywood Whispers.

FITZGERALD, ED

Fitzgerald Revue. MBS FITZMAURICE, MICHAEL CBS. Joyce Jordan, Naney

James.

FLEURY, LILY CHRC, Quebee, Que.

FLINT, JAMES C. WHA, Madison, Wis,—WLBL, Stevens Point, Wis, Wiscon-sin College of the Air, Wisconsin School of the Air.

FLIPPEN, JAY C.

WHN. Original Amateur Hour. FLYNN, BERNARDINE WMAQ-WENR, Chicago, Ill.

FORREST, JOHNNY KIRO, Seattle, Wash. Break-

fast Club, Newsreel.

FORTIER, ALINE M.

CHRC, Quebec, Que. French
Canadian Old-Time Soirces.

French FOX. TEMPLETON

OX. TEMPLETON
Town Hall Tonight, NBC.
We the People, CBS. It Can
CBS. Men in we the People, CBS. If Can Be Done, CBS. Men in White, NBC. Pulitzer Prize Series, NBC. Columbia Workshop. CBS. First Nighter, CBS. NBC Name NBC. Public Hero No. 1, NBC. World Neighbors, NBC. NBC Hotel, NBC.

FRAME, GRACE MADELINE
WSUN, St. Petersburg, Fla.
Golden Thoughts.
FRANCIS, ARLENE

Big Sister, Philip Morris Program, Mercury Theatre of the Air CBS, What's My Name MBS.

FRANK, CARL CBS. Mercury Theatre of the

FRANKEL, MAURICE

CBS. Nancy James. FROST, ALICE

Big Sister CBS, Philip Morris Program CBS, Mercury Thea-tre of the Air CBS, Famous Jury Trial MBS. FUGIT, MERRILL

WMAQ-WENR, Chicago, Ill. FUNK, CHARLES E. MBS. Say It With Words.

- G -

GABLE, MARTIN CBS. Big Sister, Grand Cen-CBS. Big Sitral Station.

GAIGE, CROSBY NBC, Kitchen Cavalcade.

GALE, GORDON
Joe E. Brown Program CBS. Irene Rich Program NBC, Big Town CBS, Jack Haley Won-der Show CBS, Dr. Christian CBS, Hollywood Playhouse CBS. Hollywood Playnouse NBC, Lux Radio Theatre CBS.

GALLAHER, BILL WFIL, Philadelphia, Pa. Colonel Bill.

ALLAGHER, MINA KGFI, Brownsville, Texas. Stars of Tomorrow, Casa Dance, Texas GALLAGHER, MIKE Manana Barn Dance, Presents, The Old Presents. Organ

GALLOP, FRANK
CBS. Hilltop House, Nancy

GARDE, BETTY Gang Busters, Kate Smith Show, Al Pearce Gans Mrs. Wiggs of the Cabbage Lones NBC. Al Pearce Gang CBS,

Patch. Lorenzo Jones NBC. (iARDNER, ED CBS. This Is New York. GARNEAU, BERTHE

CHRC, Quebec. Que. Entre-Nous Mesdames.

GARR, ED NBC. Vallee Program,

GARSTANG, TREMAINE CKWK, Vancouver, B. C. Plain Jane and Jim, Major King of Scotland Yard, Pag-cant of Life, Dramatic Medlev

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GAUVIN, MAURICE CHRC, Quebec, Que GAXTON, WILLIAM

MBS. Mutual Birthday Show. GERSON, BETTY LOU

NBC. Don Winslow of the Navy, The Story of Mary Marlin.

GILBERT, JANICE CBS. Hilltop House, Second

Husband. GILL, FRANK

CBS, Post Toasties Program, GILLAN, BOB

WMEX. Boston, Mass. Question Box.

GILLIM, KENNETH KGO - KPO, San Francisco, Calif. Leo and Ken, Fun Is Where You Find It, KPO Musical Clock,

GILMAN, PAGE
NBC. One Man's Family.

GIRARD, PAUL WBAL. Baltimore. Md. Happened So Quick Program.

GLORIA, ANGELO WBIL, New York, N. Y. Medaglia D'Oro,

GODFREY, ARTHUR
WJSC. Washington, D. C. Sun Dial.

GOFF, NORMAN CBS, Lum at GOFF, NORRIS NBC, Lum at Lum and Abner.

NBC, Lum and Abuer. GORDON, BERT CBS. Eddie Cantor Caruel

Caravan. GORDON, DOROTHY

CBS & MBS. Children's Senine

GORDON, PROF. E. B. WHA, Madison, Wis, WLBL, Stevens Point, Wis, Wiscon-son School of the Air.

GORDON, ELSIE MAE CBS. Columbia Workshop.

GORDON, GALE CBS, Dr. (Christian, Big Town

GORDON, RICHARD CBS. Grand Central Station.

GORMAN, IRENE
WMIN, St. Paul-Minneapolis,
Minn. Fashions in Melody.
GOSDEN, FREEMAN F.

Anios 'n' Andy. GOUDISS, C. HOUSTON WHN, New York, N. Y.

GOULD, J. FORREST WKZO, Ka'amazoo, WKZO, Ka'amazo Peter Pan Frolic. Mich.

GOULD, MITZI
CBS. Pretty Kitty Kelly, Our
Gal Sunday.

GOURAUD, POWERS WCAU. Philadelphia. Pa. Around the Town.

GRABER, JACK WKZO. Kalamazoo, Mich. June Bride.

GRAINGER, SHARON WMAQ-WENR, Chicago, Dt. GRANIK, THEODORE

MBS. People's Forum.

GREEN, JANE

WMAQ-WENR, Chicago, Ill.

GREENE, ROSALINE
CBS. Big Sister, Grand Central Station, Eddie Cantor Camel Caravan.

GRENNELL, EILEEN
KSO, Des Moines, Ja. Girl

About Town,
GRIFFIN, ROBERT E.
WMAQ-WENR, Chicago, III.
GRIGGS, JOHN
CBS, Howie Wing,

GUEST, EDGAR
CBS. 1t Can Be Done.
GUILBERT, ROBERT WMAQ-WENR, Chicago, 10.

GUY, ATHANASE CHRC, Quebec, Que. — H –

HAAS, EDNA KSAN, San Francisco, Calif. Pin Money Club

HAAS, GRANT C. HAAS, GRANT C. WHA, Madison, Wis.—WLBL, Stevens Point, Wis. Wiscon-sin College of the Air. HADEL, DR. HERBERT WICC, Bridgeport, Conn. Let's

Go To Work.

MOR.
HABBERXLE, ARLETH
WTCN, St. Paul-Minneapolis,
Minn. Funnypaper Show.
HAGEN, HARRY
MBS. True or False.
HALEY, JACK

Wonder Show CBS, Log Cabin Revue NBC.

HALL, FRED NBC. Field Fields and Hall, Sunday Drivers

HALL, RADCLIFFE NBC, Half Past Eleven. HALLOCK, JEAN

WICC, Brigeport, Conn. Sunrise Trail, Long Island Hour. HANNON, MARGERY

MBS, Bachelor's Children, Cur-tain Time, We Are Four.

HANSEN, CHARLES JR.
WNOX, Knoxville, Tenn. HANSON, GERTIE L. WHA, Madison, Wis. Stevens Point, Wis. Wisconsin School

of the Air. HANTKE, ALICE WHA, Madison, Wis.—WLBI. Stevens Point, Wis. Wiscon-sin College of the Air.

sin College of the AIF.

HARRIS, ARLENE

MBS. What's My Name;

HARRIS, HARRIETT

KFWB, Los Angeles, Calif.

Grouch Club, Grandmother's Fairytales, Your America. HARTLEY, JACK

CBS. Our Gal Sunday.
HAWK, BOB
MBS. People's Rally.

AWTHORNE, BEN WTIC, Hartford, Conn. Fox

Morning Watch HAYES, ALBERT CBS, American School of the Air, Second Husband, Lux Ra-

dio Theatre HAYES, CLARENCE KPO, San Francisco, Calif, Jingletown Gazette.

HAYS, HARYEY
The Story of Mary Marlin,
Uncle Sam's Forest Rangers,
Words and Music NBC,
WMAQ-WENR, Chicago, Ill.

HAZELWOOD, CLATE WMEX, Boston, Mass. Day's End.

HEALY, CAPT. TIM Stories Behind the Stamp MBS, Capt. Tim Healy's Stamp Club NBC.

MEARN, SAM NBC. Jello Program. HEARNE, JOHN

CBS. Scattergood Baines. HEATTER, GABRIEL CBS. We the People.

HEDGE, RAY
CBS. Myrt and Marge.
HEFLIN, VAN

CBS, Our Gal Sunday, Aunt 617

Jenny's Real Life Stories, Myrt and Marge, Big Sister, Columbia Workshop.

HEILMAN, HARRY WKZO, Kalamazoo, Mich. Hi Mr. Motorist.

HENDERSON, SAM WGAN, Portland, Me. Sidewalk Interview.

HENRICKSON, ROD KPO, San Francisco, Calif. Fact and Fiction,

WMAS Sprin Springfield, Mass Ethel Henin's Radio Chats. HENSHAW, GAIL

CBS. Aunt Jenny's Real Life Stories. HERMAN, MILTON C.

CBS, Gang Busters, Big Sis-HERRICK, JAMES

KOA, Denver, Colo. Light on the West. HERRMANN, BERNARD

CBS. Mercury Theatre of the

Air.
HERSHOLT, JEAN
CBS. Dr. Christian.
HESLOP, STANLEY
WNBF, Binghamton, N. Y.
Married Life.

HIGBY, MARY JANE
CBS, Eddie Cantor Camel
Caravan, Lux Radio Theatre.

HINN, MICHAEL WWNC, Asheville, WWNC Players. N.

HITTENMARK, GORDON WRC. Washington, C D. Timekeeper, Man on the Street Program.

HITZ, ELSIE
CBS. Follow the Moon.

CBS. Follow the Moon.
HOFFA, PORTLAND
NBC. Town Hall Tonight.
HOLDEN, JACK
WMAQ-WENR, Chicago, Ill.
HOOEY, DENNIS
CBS. Pretty Kitty Kelly.
HOPE, BOB
MBS. Mulnal Birthday Show MBS, Mutual Birthday Show.

NRC Persodent. HOPKINS, JETTABEE WOW, Omaha, Nebr.

The Jangles.

HOUSE, BILLY
CBS. The Laugh Liner.
HOWARD, HERB
WHLB, Virginia, Minn.

HOWE, ELEANOR NBC, Homemaker's Exchange.

HCARD, MARCEL
CHRC, Quebec, Que. Fren
Canadian Old-Time Soirces.

HEARD, ROLLAND
CHRC, Quebec, Que, The Old
Country Store, French Canadian Old-Time Soirces.

HUBBARD, IRENE CBS, Hillton House, Big Sis-

HUGHES, LON

KPO, San Francisco, Calif.
Financial Service.

Financial Service.

HULICK, BUDD

MBS. What's My Name.

HULICK, WILBUR

NBC. Stoopnasle and Budd.

HULL, ALEXANDER

KOAC. Corvallis, Ore.

HUNICUTT, HORACE

WYOX KNONVILE Tenn. Get-

WNOX, Knoxville, Tenn. Getfer-Upper.

CBS. Follow the Moon. HUNTER, HENRY WMAQ-WENR, Chicago. III.



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Of Mutual Interest.

INTROPIDI, ETHEL
CBS. Pretty Kitty Kelly.

IRVING, CHARLES
WTCN, St. Paul-Minneapolis,
Minn, Light and Shadows.

ITO, RETTY WMAQ-WENR, Chicago, Ill.

IVES, ELLA MAE WCOL, Columbus, O. Homemakers.

JAMES, GEE GEE CBS. Hillton House.

JAMESON, HOUSE CBS. Americans at Work. Cavalcade of America, Ren-frew of the Mounted.

JANNEY, RUSSELL
CBS. Howie Wing.

JARMAN, FRANCES M. WDNC, Durham, N. C. Your

Fashion Magazine. JELLISON, ROBERT

WMAQ-WENR, Chicago, Ill. JEROME, ED Real Life

Aunt Jenny's Stories, Second Husband, Cavalcade of America, Kate Smith Show CBS, Famous Jury Trials, JESKE, FRED

WSYR, Syracuse, N. Y. Time-

keeper. JESSEL, GEORGE

MBS. Thirty Minutes in Hollywood.

JEWITT, TED

CBS. Mighty Show .

JOHNNIE THE CALL BOV

MBS. What's My Name. JOHNNY

NRC Johnny Presents. JOHNSON, BESS
CBS. Hillton House.

CBS. Hilltop House.
JOHNSON, PARKS
NBC. Vox Pop.
JOHNSON, RAYMOND
WMAQ-WENR, Chicago, IR.
JOHNSON, SAM
WNOX, Knoxcille, Team,
JOHNSTONE, BLLL
Cavaleade of America, Aunt
Jenny's Real Life Stories,
Didlin Morris Program, Myrt Jenny's Real Life Stories, Philip Morris Program, Myrt and Marge CBS. The Shadow MBS.

JOLSON, AL Jolson - Lifebuoy CBS. A1 Show

ORDON, JIM

NBC. Fibber McGee & Co.

JORDON, MARIAN
NBC. Fibber McGee & Co.

JOSEPHY. ALVIN M.
MBC. The Hines Trial.

JOSTYN, JAY
CDS Con Cal Sunday Society

CBS. Our Gal Sunday, Second Husband, Hilltop House.

- K -

KAMMAN, BRUCE NBC, Kaltenmeyer's Kindergarten

garten,
KANE, JOSEPH NATHAN
MBS. Famous First Facts.
KANTOR, TED
WEDC. Chicago, Ill. Theatre
of the Air.
KARLOFF, BORIS

NBC. Lights Out.

KARNEY, BEULAH KMBC, Kansas City, Mo. Happy Kitchen.

KEARNS, JOE

KECA, Los Ang Parents on Trial. Angeles, Calif.

KEATH, BYRON
(CBS. Dr. Christian.
KEITH, DICK
MBS. Two on a Shoestring.

Famous Jury Trials,

KELK, JACKIE CBS, Naney

CBS, Nancy James, KELLEV, KAY KVI, Tacoma, Wash. men's Page, Just Calling, KELLEY, MARIE

Jack Benny Program, NBC, Walter O'Keefe Program, CBS. Eddie Cantor Camel Caravan, CBS, Burns & Al-len Program, CBS & NBC Phil Baker Program, CBS Melody and Madness Program, CBS.

KELLY, JOE

Alka-Seltzer National NBC, Alka-Barn Dance,

KENNEDY, JOHN B. MBS. People's Rally

KENNEDY, MARGARET CJRC, Winnipeg, Man. Winnipeg Women.

KENT, ALAN
MBS, Don't You Believe It,
KERST, LULU M.
KVOO, Tulsa, Okla, Brains

of Bright Hope.

or Bright Hope,
KEYES, BARON
WIP, Philadelphia, Pa. Clickety Clack,
KINGSTON, LENORS
WMAQ-WENR, Chicago, Ill.
KIRKLAND, ALEXANDER
CBS. Big Sister,
KLEIN, ADELAIDE
CBS. Game Rustons Valo

CRS Gang Busters, Kate Smith Show

KNORR, FRED WHLS, Port Hure Man on the Street. Ruron, Mich.

KOHL, ARTHUR WMAQ-WENR, Chicago, III.

KOHL, FLORENCE WTMV, East St. Louis, III. Hints for Homemakers Pro-

KOOPMAN, ROMANCE
WHA, Madison, Wis.—WLBL,
Stevens Point, Wis. Wiscon-

Stevens Point, Wis. Wiscon sin School of the Air. KRAATZ, DONALD WMAQ-WENR, Chicago, 111.

— L –

LACKLAND, BEN CBS. Our Gal Sunday.

La CLERQ, LUCILLE
KXA, Scattle, Wash, To
ing the Town With Tillie,
LAMOUR, DOROTHY Tour-

NBC, Chase & Sanborn Hour, LANE, GENE

WHAM. Rochester. Hank and Herb, Old Timers.

LANE, JANET
CBS, Myrt and Marge,
LANG, HARRY

Joe Penner Program CBS, Jack Haley Wonder Show, Rockett & Co Program, LAPOINTS, DENISE

CHRC, Quebec, Que. LARSEN, ARTHUR G.

WHA, Madison, Wis.—WLBL, Stevens Point, Wis. Wiscon-sin College of the Air.

LATHAM, JOE

CBS. Myrt and Marge.

LATIMER, ED

ATIMER, ED
Columbia Workshop, CBS
Ghost of Benjamin Sweet,
CBS, American School of the
Air, CBS, Kate Smith Show,
CBS, Gang Busters, CBS,
Americans at Work, CBS
Americans at Work, CBS
Mings for the Martins, NBC
Mrs, Wiggs of the Cabbage
Patch, NBC, Alias Jimmy
Valentine, NBC, You the Unseen Jury, NBC, Dick Tracy,
NBC, Locenzo Jones, NBC,
Ave Maria Hour, WMCA. Ave Maria Hour, WMCA.

LAIB, JUDY

CBS. The Goldbergs. LAUCK, CHET

Lum and Abner CBS. Lum and Abner NBC.

LaVALLE, GENE Reminiseing MBS. Reminiscing WHK, Cleveland, Ohio.

LEE, BARBARA CBS. Road of Life, The Gold-

bers.

LEE, JACK WHAM, Rochester, N. Y. Hank and Herb, Old Timers.

LEHR, LEW

CBS, Ben Bernie - American Tobacco Company Program, LENROW, BERNARD

CBS. Kate Smith Show. LEONARD, PAULINE
WNBF, Binghamton, N. Y
Married Life.

LESTER, JEANNE Guy Headlund Players, WTIC.

Easter Programs, WMAS. Le VAN, HENRY KGKO, Fort Slo 'n' Ezy. Worth, Texas.

LEVY, ESTELLE CBS. Kate Smith Hour, Orson Welles, Eddie Cantor.

NBC. Tyrone Power Show, LEVY, JACK H. WHA, Madison, Wis.—WLBL, Stevens Point, Wis. Wiscon-sin School of the Air, Wiscon-

sin College of the Air. LEWIS, ANN WHO, Des Moines, Ia. Lem

and Martha.

LEWIS, FRED IRVING CBS. Mighty Show. LEWIS, FULTON JR. MBS. Commentaries.

LEWIS, HELEN CBS. Mighty Show,

LEWIS, LEROY
WDNC, Durham, N. C. Better
Speech Quiz.
LEWIS, TOM
WHO, Des Moines, Ia. Lem

and Martha.

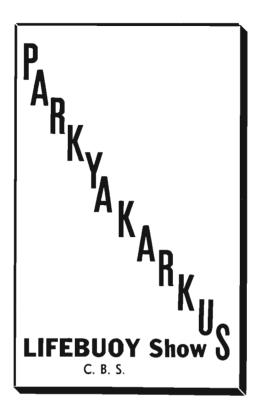
LINDEKE, MARY PROAL
WMIN, St. Paul-Minneapolis,
Minn. Woman's Outlook.

LISS, DONALD CBS. Hilltop House, Let's Pretend.

Freeding.
LIVINGSTONE, MARY
NBC. Jello Program.
LOCKE, RICHARD
CBS. Life Can Be Beautiful.
LONG. CHARLIE
WEEL WEIL LOS ANGELS. Cal.

KECA-KFI, Los Angeles, Cal. Can You Beat That, Parents on Trial.

LORD, PHIL NBC. Guiding Light, Dan Harding's Wife, The Story of Mary Marlin.





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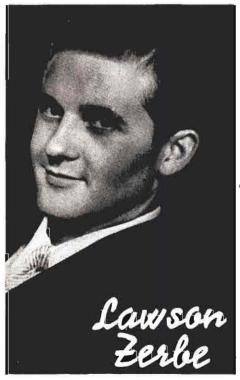
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LOVE, ELIZABETH CBS. Big Sister.

LOVEJOY, FRANK CBS. Gang Busters, Kate Smith Show, Columbia Work-

LOWE, NORINE

WWNC, Asheville, N. C. WWNC Players.

LOWELL, DOROTHY

CBS. Our Gal Sunday, Hill-top House, Aunt Jenny's Real Life Stories, Gang Busters, Columbia Workshop.

LUBIN, LEW
NBC. NBC Minstrels of 1938.
LUCAS, PAUL WTIC, Hartford, Conn. Wright-

ville Clarion

LUDDY, BARBARA (BS. First Nighter.

LYTELL, BERT NBC. Sweetheart Soap.

MealLISTER, DARYL WKY, Oklahoma City, Okla. Uncle Ben's Funny Paper Ben's Funny Hour

McBRIDE, JACK

NBC. Death Valley Days. MCBRIDE, MARY MARGARET CBS. General Foods Program. McCALL, GEORGE

CBS. Hollywood Screenscoops. McCAMBRIDGE, MERCEDES WMAQ-WENR, Chicago, Ill.

McCARTY, H. B.

WHA, Madison, Wis.—WLBL, Stevens Point, Wis. Wiscon-sin School of the Air.

McCLARY, JOHN D. WHA. Madison, Wis.—WLBL, Stevens Point, Wis. Wiscon-son College of the Air.

McCLEARY, GWEN KSO, Des Moines, Ia. I rector of Women's Affairs.

McCOARD, WILLIAM B. WHA, Madison, Wis.—WLBL, Stevens Point, Wis. Wiscon-sin School of the Air.

McCUNE, CATHERINE Scattergood Baines, CBS.

McCUNE, VANCE WMAO-WENR, Chicago, Ill. McDONALD, FRANCES

MBS. Marriage Clinic. McDONNELL, CRAIG CBS. Gang Busters.

McGOVERN, JOHN
CBS. Our Gal Surday.
McKAY, PROFESSOR 1, 6.

WLAK, Lakeland, Fla. Quiz Program.

McMAHON, TOM WNBF, Binghamton, N. Y. Oniz Ball.

Meneral, Wakelin WHA, Madison, Wis,—WLBL, Stevens Point, Wise, Wisconsin School of the Air.

McNEILL, DON NBC. Breakfast Club, NBC

Jamboree

McWILLIAMS, JIM
Uncle Jim's Question Bec
NRC Ask-II-Rasket CRS NBC Ask-It-Basket CBS. MacDONALD, DONALD

CHRC. Quebec, Que.

CBS, Myrt and Marge. MacQUARRIE, HAVEN NBC. Haven MacQuarrie Presents.

MACK, NILA CBS. Let's Pretend.
MACKENZIE, DOROTHY KPO, San Francisco, Calif. MADDEN. VERONICA

WHA, Madison, Wis.—WLBL. Stevens Point, Wis. Wiscon-Stevens Point, sin School of the Air.

MAJOR, JACK CBS. Col. Jack Major.

MALLOY, HELEN KIRO, Seattle, Wash. Feminine Forum.

MALLOY, LES
KSAN, San Francisco, Calif.
Radio Telephone Quiz. MALONE, PICK

MALONE, PIUN CBS, Pick and Pat. MANN, YVONNE CBS, Big Sister. MANNERS, ZEKE WMCA. Community Optician. Sachs, General Mills, Madison Personal Loan, MARCOUX, YVETTE

CHRC, Quebec, Que, French Canadian Old-Time Soirces.

MARKS, GARNETT
Gang Busters, CBS, Dr
Christian, CBS, You the Unseen Jury, NBC,

MARSHALL, HERBERT CBS. Hollywood Hotel.

MBS. Let's Play Games.
MARTIN, PAUL
WIP, Philadelphia, Pa. Youth

in the News.

WGY, Schenectady, N. Y. MASON, MARY WRC, Washinston, D. C. WRC Home Forum.

MASTERS, DOUGLAS CRCL, Toronto, Ont. Play-CKCL, Toron.
Players.

MATHIEU, MRS. RENE CHRC, Quebec, Que. Fren Canadian Old-Time Soirces. MEAD, DOROTHY

CBS. Romance erf

MEADE, MARTHA KPO, San Francisco, Calif. Martha Meade's Household Headlines. MEIGHAM, JAMES

CBS. Second Husband.
MENJOU, ADOLPHE
CBS. Texaco Star Theatre.

MENKEN, HELEN CBS. Second Husbaud.

MERCIER, GERMAINE WHA, Madison, Wis.—WLBL. Stevens Point, Wis. Wiscon-sin School of the Air.

MEREDITH, JAY

CBS. Mighty Show. MERKEL, UNA CBS. Texaco Star Theatre.

MERRIMAN, MARY WSYR, Syracuse, N. Y. Home

Idea Shop, Swappers Club. MEYERS, JOANNE Myrt and Marge.

MICHAUD, MRS. CHRC, Quebec, Que. The Old Country Store.

MULLER, BILL KVOO. Tulsa, Okla. Every

Man's Boy

MILLER, CHESTER
NBC, You, the Unseen Jury,
MILLER, VIRGINIA
WICC, Bridgeport, Conn. Virginia Miller's Shopping Pa-

rado

MILLET, ART CBS. The Goldbergs.

CBS. The Goldbergs.
MILLS, MARJORIE
MBS. The Girl from Maine.
MITCHELL, ALBERT WOR. The Answer Man.

MOEGLE, FRED WTMV, East St. Louis, IR. Opportunity Knocks Program.

MOORE, VICTOR
MBS. Mutual Birthday Show.

MOOREHEAD, AGNES CBS. Phil Baker Program. Pearce Gang, Ben Bernie Program, Mighty Show, Columbia Workshop.

MORGAN, FRANK NBC. Good News of 1938.

MORGAN, GENE WBOW. Terre Haute, Ind. Si and Ezra.

MORNING, SHARI WHO, Des Moines, la. Coffee

WHO, Des Moines, M. Vone,
Pot Inn.
MORPHY, ELYDA
WHA, Madison, Wis. WLBL,
Stevens Point, Wise, Wisconsin School of the Air.
MORRISON, DON
CBS, Hilltop House, Second

Husband.

MORTENSON, LUELLA WHA, Madison, Wise, WLBL, Stevens Point, Wise, Wiscon-sin College of the Air,

MOYE, CLAUD WHAM, Rochester, N. Y. Pete

and Joe. MUNRO, GORDON Mo. KMBC, Kansas City, Mo. Across the Breakfast Table.

MUNRO, MARGARET KMBC, Kausas City, M Across the Breakfast Table. MURDOCK, MRS. JOHN R.

KOY, Phoenix, Ariz. The Old Clipping Chest.

MURPHY, DONALD J. KXRO, Aberdeen, Wash, That Was the Time.

MURPHY, PAT WMAQ-WENR, Chicago, III. MURRAY, FEB NBC. Bakers Broadcast.

--- N -

NAGEL, CONRAD CBS. Silver Theatre. NASSAU, JAMES A. WIBG. Glenside. Pa.

Uncle Jim Program, Uncle Jim's Re-V110

NAUGH, REX WKAR, East Lansing, Mich. NESBITT, JOHN CBS. The Passing Parade.

NELSON, MARIE
CBS. The Romance of Helen

Trent.

NILES, REV. HAROLD WICC. Bridgeport. Conn. Cur-rent Comment.

NOBLETTE, IRENE
NBC. Tim and Irene. Royal
Crown Revue.

O'DARE, TONY KGO. San Francisco, Calif. Cartoonist of the Air.

O'DAY, JULIE KPO, San San Francisco, Calif. KPO Woman's Forum.

O'DAY, JUNIOR CBS. Second Husband, Caval-

cade of America, Big Sister. O'MALLEY, NEILL

CBS. Howie Wit Wing.

CBS. Gang Busters, Myrt and Marge.

OWENS, JACK KEHE, Los Listen Ladies. Angeles, Calif.



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CBS. Cavaleade of America. Road of Life, Carol Kennedy's Romance.

PALMER, RUSS
Green Boat WMCA. Little
Shaver WMCA.

PARKER, ANN
WQDM, St. Albans, Vt.
PARKER, LESTER WARD
WHA, Madison, Wise, WLBL,
Stevens Point, Wise, Wisconsin School of the Air, Wisconsin College of the Air,

PARKER, MARY Wing.

CBS. Howie PARKS, BERT

CBS. Second Husband, Men Behind the Stars

PATTERSON, WALTER Musical Steeplechase. MBS. PEARCE, AL

CBS. Grape Nuts Series. PEARL, JACK

CBS. This Is New York. PEARY, HAROLD

WMAQ-WENR, Chicago, III. PENNER, JOE CBS. Huskies Program.

PEREZ, RALPH WEDC, Chicago, III. Old Mexico

PERKINS, RAY
MBS. Hi There Andience, Show of the Week.

PERRON, MAURICE CHRC. Quebec, Que. The Misadventures of Fernandeau.

PERRY, BILL MBS. Hour of Romance. PETERSON, ARTHUR H. WMAQ-WENR. Chicago, Ill.

PHELPS, ELEANOR
MBS. Two on a Shoestring. PICKARD. JOHN CBS. Myrt and Marge.

PIERCE. MADELINE The Goldbergs, Our Gal CRS Sunday

PIOUS, MINERVA
Four Corners Theatre CBS,

Myrt and Margs CBS. The Goldbergs CBS. Town Hall Goldbergs Tonight NBC.
PODMORE, WILLIAM

CBS. Second Husband.

WICC, Bridgeport, Conn. Commuter's Club, First Offender,

Street Scene. POLK, OSCAR CBS. Big Sister

PONS, BEATRICE CBS. Gang Busters.
POOLER, WALDO
WTAM, Cleveland, Ohio.

POOR, MURRELL

WMMN, Fairmont, W. Va. Morning Serenade to a Housewife

PORTER, SUE WWNC. Asheville, N. C. House and Home Hour, Woman's

Matinee POST, ROY NBC. Yo NBC. You, the Unseen Jury. POWELL, WILLIAM

CRS Hollywood Hotel. POYNTON, LORETTA WMAQ-WENR, Chicago, III.

PRESCOTT, ALLEN MBS. Say It with Words. PROFESSOR QUIZ

CBS. Prof. Quiz Program. PROVO, FRANK CBS. Big Sister.

PUGH, JESS

CBS. Scattergood Baines,

– R -

RADCLIFF, CLAUDE
WTCN, St. Paul-Minneapolis,
Minn. Funnypaper Show.

RADIO PLAYERS CLUB WHLB, Virginia, Minn. Radio Workshop.

RAFFETTO, MICHAEL
NBC. One Man's Family.
RAFT, DOROTHY

WRJN, Racine, Wisc. Little Theatre of the Air. RANDOLPH, ISABEL

WMAQ-WENR, Chicago. Ill. RATTE, FRED

CHRC, Quebec. Que. RATTE, HENRIETTE CHRC, Quebec, Que,

RAWLS, CAROLINA KARK, Little Rock, Ark. At Home with Carolina Rawls.

RAY, MARTHA

CBS. Al Jolson Program. READE, DONNA WMAC-WENR, Chicago, III. REECE, RUTHIE KOY, Phoenix, Ariz. Side By

REED, VERNON E. KFH, Wichita, Kans. Facts of

REEVES, ALLAH Fort Worth, Texas. KGKO.

Twilight Soliloguy REID, CARL BENTON CBS. Big Sister.

REID, TED CBS. Mighty Show.
REILLY, SHERMAN
WICC. Bridgeport, Conn. First

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"Winsome"... Chicago Evening American
"Vivid".... New Orleans Times-Picayune

REINHEART, ALICE

CBS. Nancy James, Life Can Be Beautiful.

REMSEN, ALICE

NBC. Castle of Romance. Evening in Paris. Echoes of New York Town, Death Valley Days, Master Craft.

REPP. GUY

CBS. Cavalcade of America. Columbia Workshop. Busters.

REVELL, NELLIE NBC. Neighbor Nell.

RICAU, LIONEL

WWL, New Orleans, La. Captain McBride.

RICHARDSON, ETHEL PARK NBC. Dreams of Long Ago.

RIDER, MAURY KIRO, Scattle. Wash, Question Box. Scattle Forum.

RIES. JOSEPH

MBS. Nation's School of the Air.

RIPLEY, ROBERT 1.. NBC. Believe it or Not.

ROBERTSON, ARNOLD CBS. Scattergood Baines. ROBINSON, BARTLETT

CBS. Pretty Kitty Kelly. ROBINSON, EDWARD G. CBS. Big Town.

ROBITAHLE, J. G. CHRC, Quebec, Que. The Old Country Store.

RODENWOLD, ZELTA F. KOAC, Corvallis. Ore.

ROGERS, M. E. CFCY, Charlottetown, P. E. I. Sleepy Town Express.

ROLF, ERIK

CBS, Gang Busters, Kate Smith Show, Joyce Jordan, ROSELEIGH, JACK

Artist-Pepper Young's Fam-

ily NBC and others ROUNDTREE, LUTHER "RED"

WMPS. Memphis, Tenn.

ROWLAND, HUGH WMAQ-WENR, Chicago, Ill.

ROV. JEAN CBS. Kate Smith Show, Ken Murray Program.

RUGGLES, CHARLES

CBS. Texaco Star Theatre. RUSKIN, JOE

WMEX, Boston, Mass, Joe. Ruskin's Discoveries. RUSS, FARMER

WCOP, Boston, Mass. Rise 'n

RUSSELL, ROSALIND

CBS, Silver Theatre.
RYAN, TIM
NBC, Tim and Irene. Royal

Crown Revue.

- S

SACCO, EDITH WATR. Waterbury. Kiddie Revue.

SAGE, MICHAEL

Little Shaver WMCA, John's Other Wife NBC, Junior G-Men NBC SANDS, JIM

WCLE, Cleveland, O. Sunny

SCHNABEL, STEFAN CBS. Big Sister, Columbia Workshop, Gang Busters. SCHUVLER, HELEN B. KOMA, Oklahoma City, Okla,

Turning the Leaves.

SCHWALBACH, JAMES

WHA, Madison, Wisc.-WLBL, Stevens Point, Wisc. Wisconsin School of the Air.

SCRIBNER, JIMMY MRS. Johnson Family.

SEABROOKE, GAY CBS. Joe Penner Program.

SEAMAN, LADDIE CBS. Hilltop House. SEMRO, MAE

KXRO, Aberdeen, Wash, That Was the Time. SERVICE, JANE

WHLS, Port Hr Home Economics. Huron, Mich.

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SEVERN, STEVE MBS. The Pet Club. SHAW, STAN

WNEW, New York Milkman's Matinee, SHEDLOVE, POLLY York, N. Y.

WHN, New York, N. Y.

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SHERMAN, RANSOM Club Matince.

SHIELDS, BESSIE WWL, New Orleans, La.

SHIELDS, MARCELLA Rudy Valley Hour, NBC, Two on a Shoestring, M.BS. Dining with George Rector, CBS. Consolidated Edison Program, NRC

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SLATER, TOM
MBS. Famous First Facts. Johnson Family

SLAVIN, J. EDWARD WICC, Bridgeport, Conn. First Offender.

SLOAN, EVERETT CBS. The Goldbergs.

SLON, SIDNEY CBS. Myrt and Marge, Hilltop House.

SLOVER, GUY WBOW, Terre Haute, Ind.

SMALL, JIM WHEB, Portsmouth, N. H.

Jim Small & Co.
SMITH, BETTY RUTH
KFH, Wichita, Kans. Silhouette of the Stars, Hollywood

SMITH, HOWARD

Secons

CBS. Pretty Kitty Kelly. SMITH, KATE

CBS. Kate Smith Show, Kate Smith Comments

SMITH, MACKSENE KDYL, Salt Lake City. Utah. Hello Ladies. CBS. Big Sister.

SMYTHE, J. ANTHONY NBC. One Man's Family. SNELL, HELEN KXRO, Aberdeen, Wash. That

Was the Time. SOCKMAN, DR. RALPH W. NRC

SONDERGARD, HESTER CBS. Philip Morris Program, Columbia Workshop, American School of the Air.

SOUBIER, CLIFF WMAQ-WENR, Chicago, III.

SOUTHERN, CHESTER CBS. Big Sister.

SPEER, JOHN R. Wichita, KFH, Wiel Old Trader. Kans. The

SPOTTSWOOD, JAMES
CBS. Second Husband. SPUYRES, BILL

KITE, Kansas City, Mo. Wheat Belt Whimsies.

STAFFORD, HANLEY NBC. Good News of 1938. Hollywood Playhouse. STANISTREET, J. W.

WDAS, Philadelphia, Pa. Your Neighbor.

STANLEY, CHARLES WMBC, Detroit, Mich. Happy Hour Club. STANTON, ANDREW

CBS. Pretty Kitty Kelly.
STARK, CHARLIE
CBS. Oddities in the News.

Morning Almanac.

STECK, JACK WFIL, Philadelphia, Pa. Jack's Jamborec.

STEHLI, EDGAR CBS. The Goldbergs STEINKE, BILL ("JOLLY")
NBC. Rise and Shine.

STERLING, LEN CBS. Pretty Kitty Kelly, Our Gal Sunday.

STERNI, GIUSEPPE WOV, New York, N. Y. WOV, New York, N. Y. Rosa Macaroni Program.

STEVE, FANNIE WHA, Madison, Wisc.-WLBL, Stevens Point, Wisc. sin School of the Air. WisconSTEVENS, NAOMI

Eddie Cantor Camel Caravan. CBS. Chase & Sanborn Hour, NBC. Your Witness, KNX. White Fires, KNX. True Story Program, KFWB. Jane Eyre, KFWB. Death, KNX. And Sudden Little Match Death, KNX, Little Match Girl, KNX, Calling All Cars, KHJ, Mobiloit Makazine, KHJ, Parents on Trial, KECA, El-mer Goes Hollywood, KNX, STEWART, JAMES

CBS. Silver Theater.

CBS, Silver Theater,
STEWART, PAUL
NBC, Easy Aces, Tommy
Dorsey and His Orchestra.
STODDART, HAHLA
CBS, Big Sister.
STONE, BOB

KVOO, Tulsa, Okla. Man's Boy. Every STONE, ELEANOR

WCOU, Lewiston, Me. Talk of the Town. The STONE, EZRA

ons Kate Smith Show. STRATTON, CHESTER CBS. Nancy James, Big Sis-

STRAUSS, ROBERT CBS. Our Gal Sunday. STROUD, CLARENCE NBC. Chase and Sanborn.

1er

NBC. Chase and Sanborn.
STROUD, CLAUD
NBC. Chase and Sanborn.
STROZZI, KAY
CBS. Nancy James.

STUDEBAKER, HUGH Batchelor's Children, MBS. Curtain Time.

SUBER, RAY WOW, Omaha, Nebr. The Man of Many Voices, SULLIVAN, FRED WMAQ-WENR, Chicago, Ill. The

SUR. WILLIAM R.
WHA, Madison, Wise, WLBL,
Stevens Point, Wise, Wisconsin School of the Air, Wisconsin College of the Air. SUYDAM, LAURA

WAPI, Birmingham, Ala. Romance of Merchandise.

SWENSON, KARL CBS. Cavalcade of America, Ghost of Benjamin Sweet, Our Gal Sunday, Columbia Workshop.

SWENSON, NORA CBS. Aunt Life Stories. Aunty Jenny's Real

SWOR, BERT NBC. NBC Minstrels of 1938.

- T -

TALMADGE, CONNIE Thirty Minutes MBS in

Hollywood.
TALMADGE, NORMA
MBS. Thirty Minutes in Hollywood.

TARPLIN, MAURICE Gang Busters, CBS. Ripley's Believe It or Not Program, CBS. The Shadow, MBS. Bert Lytel Program, NBC. Easy Aces, NBC. Big Sister, CBS. Valiant Lady, NBC. Alias Jimmy Valentine, NBC. Hill-

top House, CBS.

TARSHISH, JACOB

MBS. The Lamplighter.

TAYLOR, FREDERICK CHASE

NBC. Stoopnagle and Budd.

TAYLOR, M. SAYLE
MBS. The Voice of Experience.

TAYLOR, ROBERT NBC. Good News of 1938. TEENAN, ANN CBS. The Goldbergs.

TERRISS, TOM

TERRISS, TOM
NBC. Adventure Stories.
THOM, JANE
WHLS, Port Huron, Mich.
Children's Program.
THOMAS, CALVIN
CBS. Second Husband.
THOMPSON, WILLIAM
WMAQ-WENR, Chicago, Ill.
THREES, FRANCES
Little Shaver, WMCA; Bambi. NBC.

TIMMONS, CARTHERINE M.
WHA, Madison, Wise, WLBL,
Stevens Point, Wise. Wisconsin School of the Air.

TIPLADY, GEORGE CBS. American School of the Air, Columbia Workshop.

TOBIAS, GEORGE
CBS. The Goldbergs.
TOWNSEND, VIVIENNE

KFH, Wichita, Kans. Hello Neighbor.

TRAVERSE, CLAUDE WKY, Oklahoma City, Okla. Radio Derby.

TREMAINE, BARBARA
CKWX, Vancouver, B. C.
Plain Jane and Jim, Major
King of Scotland Yard, Pageant of Life, Dramatic Medlev.

TREMAYNE, LES CBS. First Night TRENNER, HARRY First Nighter. WNBF. Binghamton, N. Y.

Quiz Ball. TREVOR, CLAIRE CBS. Big Town. TREVOR, GEORGE

MBS. We Want a Touchdown. TROUT, FRANCES

CBS. Scattergood Baines. TROVAN, JOE WHAM, Rochester, N. Y.

Pete and Joe. TUCKER, DAWN KELD, El Dorado, Ark. What's Your Idea

TUCKER, MADGE NBC. Coast to Coast on a

Bus TURNER, JENNIE M.

WHA, Madison, Wisc.-WLBL, Stevens Point, Wisc. Wiscon-sin College of the Air.

- U -

UTTAL, FRED NBC. For Men Only. - V -

VAIL. MYBTLE

CBS. Myrt and Marge. VALENTINE, GRACE

Second Husband. CBS. VALENTINE, RANCE

WTAM, Cleveland, Ohio. The Valentines VANCE, WILLIAM

WTAD, Quincy, Ill. Yellow Fang.

VAN DYK, JAMES
CBS. Gang Busters, A
Jenny's Real Life Stories. Aunt VAN HARVEY, ARTHUR

WMAQ-WENR. Chicago, III. VAN ROOTEN, LUIS

Gang Busters, CBS. Physical Programs, CBS Philip Morris Programs, CBS & NBC, Kate Smith Show, CBS, Ripley's Believe It or Not. NBC. Pretty Kitty Kelly, CBS. Alias Jimmy Valentine, NBC. Alias Jimmy Valentine, NBC. John's Other Wife, NBC. Cotumbia Workshop, CBS, Great Plays. NBC.

VARDEN, EVELYN CBS. Big Sister.

VENUTA, BENAY
MBS. Benay Venuta Revue.

VERMILYEA, HAROLD CBS, Second Husband.

VINCENT, ELMORE NBC.

__ W -

WALKER, BENNIE

KPO, San Francisco, Calif. Woman's Magazine of the Air.

WALTMAN, LAVELL KFAM. St. Cloud, Minn. The Snooper.

WALTMAN, HUGH W C A U . Philadelphia, Pa. What's News in the Stores.

WALTON, JAMES
WRUF, Gainesville, Fla. Evening Reverie. The Serenade.

WARREN, CARLETON Let's Play Games. MBS.

WATERS, JAMES R. CBS. The Goldbergs. WEBB, JANE

WMAQ-WENR, Chicago, 111. WEBBER, CARL

WMAQ-WENR, Chicago, Ill. WEBSTER, CHARLES

CBS. Big Sister. NBC. Aunt Jenny's True Life Stories. March of Time,

WEEKS, BARBARA
CBS. Philip Morris Program,
Nancy James.

WEIDNER, HENRY WEDC, Chicago, III. Many Moons Ago,

WEIST, DWIGHT
Pall Mall Program, NBC,
Around New York, NBC,
Grand Central Station, CBS, Cavalende of America, CBS, March of Time, NBC, The Shadow, MBS, Aunt Jenny's Real Life Stories, CBS, Co-numbia Workshop, CBS, Amerteans at Work, CBS, American School of the Air, CBS, Words Without Music, CBS

WELCH, NILES CBS. American School of the

Air, Deep River Boys,

WELLES, ORSON

CBS. Mercury Theater of the Air, Silver Theater, Hollywood Hotel.

WEVER, NED CRS Big Sister, Nancy James.

WHEELER, MARSHA WKRC, Cincinnati, Ohio, Personalities on Parade.

WHITE, HERSHEL City. Mo. KITE. Kansas Wheat Belt Whimsies.

WICKER, TREENE NBC. The Singing Lady,

WIDMER, HARRIETTE

NBC. A Tale of Today, Aunt Jemima's Cabin at the Crossroads.

NBC. NBC Spelling Bee.

WILSON, DON NBC. Jello Program. WING, PAUL

WMAQ-WENR, Chicago, Ill. WINSTON, IRENE CBS. Gang Busters, Aunt Jenny's Real Life Stories, MBS. Two on a Shoestring, WINTER, WILLIAM

WINKLER, BETTY

WBT, Charlotte, N. C. Headlines in the News, Know Your Constitution, What Would Constitution. Wha You Like to Know.

WINTERS, JOAN WMAQ-WENR. Chicago, 111. WOLFE, JOHN

KGO - KPO. San Francisco. Calif. Who's in Town To-Calif. Who's in Town night. Jingletown Gazette. WOLFE. WINIFRED NBC. One Man's Family.

CBS. The Goldbergs.

— Y —

VARBOROUGH, BARTON

NBC. One Man's Family. VOUNG. CARLETON

CBS. CBS. Our Gal Sunday, Hill-top House, Myrt and Marge. Second Husband, VOUNGMAN, HENNY

CBS. Monday Night Show.

__ Z __

ZINKE, PEGGY
MBS. Two on a Shoestring.
ZERBE, LAWSON

CBS. Road of Life, The Goldbergs, Kate Smith Show, We the People, NBC. Dick Tracy, Jane Ar-NBC. Dick Tracy. Ja den, True Story Hour.



The ANDREWS SISTERS

PATTY MAXENE LAVERNE

"HONOLULU BOUND"

for HAWAIIAN PINEAPPLE CO., LTD. (Produced by YOUNG & RUBICAM, Inc.)

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AND THEIR WORK DURING 1938





ADAMS, KENNETH

KANS, Wichita, ADAMS SISTERS Wichita, Kans.

WAPI, Birmingham, Ala. Deep South Dreams.
AGUE, JIMMY

WHK, Cleveland, Ohio. Songland, Music for Madam.

ALBANI, OLGA WMAQ-WENR,

Chicago, Ill. ALDRIDGE, LUTHER

KGKO, Fort Worth, Texas. Cowboy Luke. ALLEE, ADDIE LOGAN

WFAA, Dallas, Texas.
ALLEN, BOB
CBS. Time to Shine.
ALLEY, BEN

WCAU, Philadelphia, Pa. Melody Lane.

ALISON, ADAH SMITH WICC, Bridgeport, Conn. Connecticut Federation of Music Clubs Program.

ALLISON, FRAN NBC, Breakfast Club, Club Matince, Sunday Dinner at Aunt Fanny's, WMAQ-WENR.

Chicago, III. ALLMAND, JOYCE

WTIC, Hartford, Conn. ALM, JEANNE WDAY, Fargo, N. D. Tune Time.

AMECHE, DON

NBC. Chase and Sanborn, AMISON, WILLARD WOR, Newark, N. J. Mo Moonbeams

ANDERSON, HERBERT Bridgeport, Conn WICC. Chapel Echoes.

ANDERSON, OLE
WDAY Fargo, N. D. The
News Commutator.
ANDERSON TRIO

ANDERSON TRIO
WPIC, Sharon, Pa.
ANDREWS SISTERS
CBS. Wrigley Series, Honolulu Bound, Swing Club,
ANGER, MARGUERITE
WRAT Buttimen No.

WBAL, Baltimore, Md, Around the Dinner Table Program. ANN, SHIRLEY

KVOX, Moorhead, Mun, Serenade to the Stars, ANTHONY, RITA

WDAS, Philadelphia, Pa. APPLE, RUSSEL WLBC, Muncie, Ind. Ranger.

ARNOLD, BUDDY WMCA. General Mills, Band stand, Sachs Series.

ARNOLD, PAUL KLZ, Denver, Colo. tality House.

ARNOLD, RHODA WOR, Newark, N. J. Moonbeams.

ARTHUR, JACK
MBS. Sunday Special, News-Testers

AUTRY, GENE

MBS, Mutual Birthday Show, AVARS, LOWELL WSNJ, Bridgeton, N. J. Words

and Music

AVRES, MARLENE
KOY, Phoenix, Ariz, Melody
Express, His Majesty the Baby, Gay Old 90's.

— B —

BABBITT, GENE

KWK, St. Louis, Mo. Sketches in Melody, BAGGIORE, ATTILIO MBS. Pageant of Melody,

Concert Revue,
BAILLARGEON, HELENE

CHRC, Quebec, Que. BAKER, JACK

WMAQ-WENR, Chicago, III. BAKER, JERRY

WMCA, New York, N. Y. BAKER, KENNY

NBC. Jello I BALL, CURTIS Jello Program.

WKAT, Miami Beach, Fla. BALLARD, ROBERT WSYR, Syracuse, N. Y.

the Crossroads. BALLOU, CHARLES WSVA, Harrisonburg,

Sentimental Time,
BARBER, MARTHA
WKOK, Sunbury, Pa.
BARBER, MARY

WKOK, Sunbury, Pa BARCLAY, LaVERNE CJRM, Regina, Sask, Organ Melodies

BARNARD, BARNEY CJRC, Winnipeg, Man. Hopele

C.R.C. Winnipeg, Scin. (1976). Hawaiians.
BARNETT, LORRAINE
WHN, New York, N. Y.
RARRETTY
KWK, St. LOUIS, Mo. Sketches
in Melody, Betty and Her Boyfriend.

BARRIE, CLYDE CBS. Sustainings. BARRIS, FAYE WQAM, Miami, Fla.

BARTLETT, JANE WBT, Charlotte, N. C. Quaker Time, Duke Power Time,

BARTLETT, JOAN WJSV, Washington, D. C. Arthur Godfrey Program.

BATVE, HUBERT WGPC, Albany, Ga

BAUGUMAN, ELMER WCKY, Cincinnati, Hymn for Everyone, Ohio.

BAXTER, JEANNE WCAE, Pittsburgh, Pa. Sophisticated Ladies, Nite at

the lun, Modern Melodies, The Airliners

BEASON, M. M. WBOW, Terre Haute, Ind. Central Federal Hour.

BEAUPRE, MAURICE CHRC. Quebec. Que. BELL, CARMENA

BELLAMY, RALPH
WKAT, Mianii Beach, Fla.
BELLAMY, RALPH
WTOL, Toledo, Ohio.
BENDON, FLORENCE
WFIL, Philadelphia, Pa. Harvest Time, Jack's Jamborce,

Rhythm Parade.

BENJAMIN, MARC
KFH, Wichita, Kans.
Time Jamboree.

BENNETT, KEN KPDN, Pampa, Texas. mantic Songs. Ro-BENNETT, LOIS

NRC

BERCH, JACK CBS. Jack Bereh and Orchestra.

BILL, EMIL WMBD, Peoria, Ill. Wayside

Chapel. BUNKLEY, VERA WTAD, Quincy, 111,

SLANE, RALPH NBC. Consolidated Edison

Program. BOEHM, HAROLD

WWL, New Orleans, Songs You Love to Hear, BOGGEMAN, FRANK

KTAT, Fort Worth, Texas, Music for Today, BOLTON, JEAN WQAM, Miami, Fla.

BONANZA QUARTET WMFO, Decatur, Ala.

BOND, CYRUS WKY, Oklahoma City, Okla. The Bell Boys.

BOVAY, DON WCAU, Philadelphia, Philly Bandwagon.

BOWE, MORTON

NBC. Sustainings, CBS, Heinz Program, BOVETTE, ANDY WQAM, Miami, Fla.

BRADSTREET, JESSIE CKCK, Regina, Saskatchewan, Camada.

BRANZ, CELIA NRC

BREEN, MAY SINGHI Sweethearts of the NBC. Air.

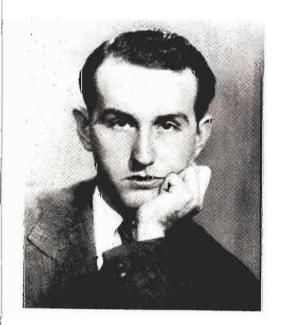
BREEN, BOBBIE CBS. Camel Caravan.

BRINEY, MARTHA KDKA, Pittsburgh, Pa. Festi-val of Music.

BRITTON, HOMER WMFO, Decatur, Ala. Evening Meditations.

Buddy Clark

— C B S —



RALPH BLANE

Consolidated Edison "Around New York"

Under Contract to

National Broadcasting Co.

BRITTON, LILLIAN KFPW, Fort Smith, Ark. BROADHURST, EVA mance Back Stage, Muted Mu-CRAWFORD, BOB KMBC, Kansas City, Mo. Tex-as Rangers' Night Time on sie. CASINO, DEL the Trail. Brush Creek Fol-WJMS, Ironwood, Mich. Mu-MBS. Hour of Romance. sical Miniatures. CHAPMAN, JAMES lies BROOKE, TOOTS
WCHS, Charleston, W. KSAC, Manhattan. Music in the Air Program, Reverie in CRITTENDEN, JERRY WMAQ-WENR, Chicago, Ill. WCHS, Cha Va Tune Program.

CHARIOTEERS, THE

MBS. The Churioteers Pro-CRONENBOLD, EDWARD "TOOKIE" BROOKS, BETTY WMEX, Boston, Mass. KMBC, Kansas City, Mo. Texas Rangers' Night Time on the Trail, Brush Creek Fol-Request Serenade. gram BROOKS, JOHNNIE
WCOP, Boston, Mass.
BROOKS, RUTH CHARLES, AUDREY WWL, New Orleans, La. Twi-light Hour. lies CROOKS, RICHARD NBC. Voice of Firestone. CHASE, VICKI WLW. Cincinnati, Ohio, Sum-WDRC, Hartford, Conn. 11'8 CROSBY, BING NBC. Kraft Music Hall. a Date.
BROOKS, TED
WAPI, Birmingham, Ala. Day mertime Concert, Smoke CROSWELL, DAVE Dreams. CHERRY, RUTH WGPC. Albany, Ga. WOR, Newark, N. J. Moon-Dreams BROWN, BOB WKRC, Cin Little beams CROW, DOROTHY ANNE MBC. Musical Steeplechase. Sweetheart. Cineinnti, Obio, For Your Pleasure CHIESA, VIVIAN DELLA NBC. NBC Promenade Con-BROWN, LORRAINE
WICC, Bridgeport,
Brown Sisters Program. NBC. NBC Promenade cert. Romance Melodies. CULMSEE, VIRGINIA KTRI, Sioux City, Ia. Vocals Conn. CHISHOLM, LENA WICC, Bridgeport, Conn. by Virginia. BROWN, PHIL BROWN, PHIL WAYE, Louisville, Ky, New Orleans Swingsters, BROWN, RUSSELL KNX, Los Angeles, Calif, BRUMLEY, WALT KPNF, Shenandoah, Ja. BRUTON, GENE KRRV, Sherman, Tenas, Two. DALE, CARLOTTA KYW, Philadelphia, Pa. CLARK, BUDDY Design for the Living, MBS; Your Hit Parade, CBS, NBC, DANIELS, BILLY WHN, New York, N. Y. Your Hit Parade, CBS, CLARK, CONNIE WAVE, Louisville, Ky. CLARK, LILLIAN WMAQ-WENR, Chicage CLAYET, MADO CHRC, Quebec, Que. DANIELS, HELENE
MBS. Jazz Nocturne, Sunday in Manhattan. Chicago, Ill. DAUVILLIERS, NANA BUMP, EDNA JUNE WOAL, San Antonio, CHRC, Quebec, Que.
DAVIES, DAVE
MBS. Bands Across the Sea,
Music by Davies, Edward,
NBC, NBC Minstrels of 1938,
World March March Sea, Misadventures of Fernandeau. Musical Missionaries of Good-COBB, INEZ will. BUNCH, GOYITA KWK, St. Louis, Mo. Mid-Afternoon Madness, Today at WEED, Rocky Mount, N. C. COCHRANE, "TEX" Words and Music Spot Pro-CFCY, Charlottetown, P. E. 1 The Prairie Yodeler. COLAMARIA, VICKI grams Two, Sketches in Melody. WMAQ-WENR, Chicago, III. DAVIS, BILLIE LOU KNOW, Austin, Texas, Sweet-BURNET, CHESTER WMAZ, Macon, Friendly Voice, WGY, Schenectady, N. Y. Sing The and Swing. heart by Remote Control. DAVIS, MARTHA BURNS, EARLINE COLE, ARABELLE KGIW, Alamosa, COLEMAN, ROGER WMSD, Sheffield, Ma. Colo. Sing-KGVO, Missoula, Mont. Mu-sicale Impromptu. ing Lady. Eight Thirty Show, WMCA; BURNS, REBECCA WMSD, Sheffield, Ala. Little DAVIS, REX Lee Grant & Orchestra Pro-WCKY, Cincinnati, Ohio. Hymn for Everyone. DAWES, CLARA gram, WMCA Miss Melody. BUSSINELLI, GUIDO WOV, New York, N. Y. Tango Cabaret, La Perla. COLLUER, SHELBY KPLT, Paris, Texas, COLLINS, JAY WRJN, Racine, Wise WTAQ, Green Bay, Wisc. DAWSON, MARK BUTTERFIELD, PRUDENCE WMBC, Detroit, Mich. Prudy's WCAU, Philad Trisco Program. Philadelphia, COLORADO PETE City, No. Brush KMBC, Kans KMBC Early Kansas Party. DAY, GROVER Birds, — C – KTRI, Sioux City, Ia. Blind Creek Follies. Balladier. COMO, PERRY MBS. Sunda CONN, EDITH DEANE, JUDY KPO, San Francisco Gentlemen Preferred. CARDWELL, JULIA Sunday Matince. Francisco, Calif. KGKB, Tyler, Texas. CARL, CLIFF WHO, Des Moines, Ia, Jerry DE ARMANDE, DICK WHO, Des Moines, Ia, Coffee and Lon. Pot Inn.
CARLAY, RACHEL
NBC. Manhattan Merry Go WSPD, Toledo, Ohio.
DEL GANZA, VINCENTE
WJSV, Washington,
Aladdin's Kitchen. COOK, MARY LOU KNX, Los Ar Mary Lon Sings. Angeles, Calif. D. Aladdin's Asterica.
DEL GROSSO, ANN
WATR. Waterbury, Conn
Somes Old and New.
DELLA CHIESA, VIVIAN
WMAQ-WENR, Chicago, Ill. COOL, HARRY CARLO, DON KMOX, St. Louis, Mo. All Hands on Dock, Harmony WBIL, New York, N. Y. The Songs of Don Carlo. CARPENTER, FRANCIS Conn. Grave WOMI, Owensboro, Ky. WLBC, Muncie, Ind. Four The DENNIS, CLARK NBC, Fibber Stars. Troubador. COOPER, JERRY NBC. Tims Program. CORBELL, P. E. CJBR, Rimouski, Que. NBC, Fibber McGcc Molly, Chicago Sunday CARR, BETTY and WTOL, Toledo, Ohio. Din-CARROLL, FRANCIS ner at Aunt Fanny's. KYW, Philadelphia, Pa. WMAQ-WENR, Chicago, Ill. KYW, Filmaco, CARROLL, JAMES WPEN, Philadelphia, Pa. Peanut Chew DESIGNE, SAM WTAQ - WHBY, Green Bay, CORLETT, ALICE KJR-KOMO, Scattle, Wash. Goldenberg's Peanut Chew Variety, Nevins Theater Pro-Highlight Hour. DEVINE, VINCE COULTHURST, ALBERT CHAB, Moose Jaw, Sask. Moose Jaw Greets the Coun-WEBR, Buffalo, N. Y. Songs You'll Like. CARROLL, JEANNE KLZ, Denver, Colo. The Singing Cowboy. COY, DOT WEEL, Boston, Mass. Rhythm by Carroll. DEWHIRST, DON CARSWELL, ESTHER WAYX, Wayeross, Ga. CARTER, BOB

Review.

Ro-

WCAE, Pittsburgh, Pa.

COZZI, MARIO

NBC. Sustaining.

WCLE, Cleveland, Ohio. The World Traveler.

WMCA, New York, N. Y.

"THE SWEETHEARTS OF THE AIR"

MAY SINGHI BREEN

THE UKULELE LADY

PETER DE ROSE

COMPOSER-PIANIST

"CALLING ALL SWEETHEARTS"

FROM COAST TO COAST

MGT.

NBC ARTIST SERVICE RADIO CITY N. Y.



Tex Hetcher

Heard on MBS Network

STAR OF MUSICAL WESTERNS

For

GRAND NATIONAL PICTURES

Wm. Morris Agency for Personal Appearance DIERKEN, KATHERINE
WBAL, Baltimore, Md. It
Happened So Quick Program.
DIETRICH, YVONNE
WMAS, Springfield, Mass.
Song Styles by Yvonne.

DILLER, HELEN
WLW, Cincinnati, Ohio. Musical Chick Wagon.
DION, ROLLANDE

CHRC, Quebec, Que.
DOLMAN, CYRIL
CJRM, Regina, Sas
Wilson Program. Sask Slim

DOMER, ESTHER KLZ, Denver, Colo. The Pepperettes.

DOMER, MARGARET KLZ, Denver, Colo. The Penperettes.

DOMER, NAOMI KLZ, Denver, Colo, The Pepnerettes.

perettes.
DONOVAN, GRACE
WICC, Bridgeport, Conn.
DORR, RUSSELL
WGAN, Portland, Me.
DOUTHIT, PERRY
KFNF, Shenandoah, Ia.
DOWNEY, MORTON
MRS Mutual Bisthelm of

MBS, Mutual Birthday Show. DRAGONETTE, JESSICA NBC. Guest Appearances.

NBC. Guest Appearances
DRESLIN, DOROTHY
NBC. Sustainings.
DUANE, MARY FRANCES
WAVE, Louisville, Ky.

Melody Time.

DUCLON, EARL KARM, Fresno, Calif. Early Riser Club.
DU MOND, JOE
WMAQ-WENR. Chicago, Ill.

DUNN, MARY ANN
WJW, Akron, Ohio. Swinging

the Blues. VALL, WARD
WJSV, Washington, D. C. The

Minstrels, Aladdin's Gynsy Kitchen.

– E –

EASTMAN, MARY Saturday Night Sere-CBS. nade.

EDDY, NELSON
NBC. Chase & Sanborn Hour.
EDEN, EVE

KGER, Long Beach, Calif. EDWARDS, JOAN Paul Whiteman Pro-CBS.

gram. ELLIOT, BILL WEEI, Boston, Mass. Rum-

bling Melody Man. ELLIOTT, BILL WHEB. Portsmouth, N. H. Singing Con.

ELSMORE, RALPH
WCAU, Philadelphia, Pa.
Household Favorites.

ETON BOYS
CBS. Pick and Pat Program.
ETTERS, CLARENCE
WBT, Charlotte, N. C. Briar hopper Boys, Novelteers, NBC

Jamboree. - F -

FARNAND, MARGARET KFPW, Fort Smith, Ark. FAUCETTE, CLEO WDNC, Durham, N. C. Hymn Singing Time.

FAY, PATSY WTMC, East St. Louis, 111. Smiles. FECTEAU, PAUL

CHRC, Quebec, Que.

FERRY, RUTH
WICC, Bridgeport, Conn.
FIELD, ZOANNA
KFNF, Shenandoah, Ia.
FIELDS, PAULINE
WICC, Bridgeport, Conn. We Two.

FISET, ALEXANDRE CHRC, Quebec, Que. FISHER, VIRGIL WTOL, Toledo, Ohio. FLETCHER, TEX

MBS. Sustaining.
FOSTER, RALPH
CKCK, Saskatchewan, Canada. The Crown Prince of the Cowboys.

DOYS.
FOX, MARJORIE
WPIC, Sharon, Pa.
FRANCE, MARY JANE
WOW, Omaha, Nebr.
Maids and Their Mike.
FRANK OSCAR

FRANK, OSCAR

FRANK, OSCAR
KHUB, Watsonville, Calif.
Vocal Rhapsodies.
FRANZ, W. W.
WBBR, Brooklyn, N. Y.
FREY, HARRY
WBOW, Terre Haute, Ind.
Wabash Valley Jamobree.
FRITZ, DOROTHY
KFH. Wichita, Kans, Romance in Rhythm

mance in Rhythm. FULTON, JACK CBS. The Laugh Liner.

- G -

GAINES, NORRINA WMSD, Sheffield, Ala. GAINES, RUBEN KVI, Tacoma, Wash, Rhyming Ruben.

GAMACHE, RITA

WCOU, Lewiston, Me.
GANGE, CONNIE
WHEC, Rochester, N. Streamliners, Down Town Cowboys.

GARDNER, FRANK KNOW, Austin, Texas. Gardner Sings. GARLAND, JUDY

Good News of 1938, GARR, AL CBS. The Passing Parade.

GARRETT, GERALDINE KVOX, Moorbead, KVOX, Mo.

GARY, SID

GARL, SID WMCA, New York, N. Y. GEARE. JIMMIE KTAR, Phoenix, Ariz. GEDIVANI, NINA WMBC. Detroit, Mich. Contented Hour

GENOSO, ANGELO WHK. Cleveland, Ohio.

GENTLEMEN OF SONG Trio. KARK. Little Ark. Vocalities. Rock.

GERMAN, LESTER WBAL. Baltimore, Md. Table the Dinner Around Program.

Program.

GIBSON, BOBBY

CBS. Ben Bernie—American
Tobacco Company Program.

GILBERT, MRS. EUGENE

KFPW, Fort Smith, Ark.
Songs All For You.

GLICK, HARRY
WHN, New York, N. Y.
GLIECO, JOSEPHINE
WEBR, Buffalo, N. Y. Songs
You'll Like.

GOAD, AUDIE KTAT, Fort Worth, Texas. Sweetheart Senerade.

GODFREY, ARTHUR WJSV, Washington, D. C. Sun Dial.

GOLDMAN, MAURICE KEHR. Los Angeles, Calif. Songs by Maurice,

GOODMANSON, GORDON KDYL, Salt Lake City, Utah.

Varieties, Hello Ladies, GORDON, DEWEY KLZ, Denver, Colo, Mornin' Neighbor

GORIN, IGOR
CBS. Hollywood Hotel.

GOURLEY, CLARK
WRUF, Gainesville, Fia.
GRAHAM, ROSS
NBC. Cities Service Concert,
Diel. Leiboute, Diagram, Con.

Dick Leibert's Dinner Concert.

GRANT, JANE

KFPW. Fort Smith, Ark.

GRAY, LEON

KGAR. Tucson, Ariz. GRENNELL, EILEEN KSO, Des Moines, Ia. Girl

About Town.
GREY, LANNY
NBC. Piani NBC. Pianist, Judy and Lanny, Rhythm School of the

GRIFFEN, GEORGE NBC. Sustaining.

GRIFFITH, REX WMAQ-WENR. Chicago. Ill.

GRIMM, LORRAINE KMOX, St. Louis, Missouri. All Hands on Deek. Phillips Poly Follie

GRISANTI, DORIS WAVE, Louisville, Ky. Jewel Box Program.

GROVES, DICK WCHS. Charleston, W. Va. Dick Groves-Songs.

GURNEY, JOHN NBC. Sustaining.

__ H __

HAIN, WILLIAM
MBS. Bach Cantata Series.
HALE, JOAN

WMEX, Boston, Mass. HALLAHAN, JACK

WDAS, Philadelphia, Pa.

WDAS, FRIRACIPUIA, F2.

HARDING, HARVEY

KNX, Los Angeles, Calif.
Sunrise Salute, Hormet Program, Hollywood Singing Organist.

Farmers' Market.

Monitor Children's Program. HARDING, LESTER

KOA, Denver, Colo. Golden Melodies, Colorado's Hour. HARDKE, RUTH WSYR, Syracuse, N. Y. At

the Crossroads.

HARDY, EMILY KECA - KFI. Los Calif. Broadway. Angeles,

HARE, ERNIE WMCA, New York, N. Y. HARMONETTES

HARMONETTES
KMOX, St. Louis, Missouri.
Evening Serenade.
HARREL, FOY
WKY, Oklahoma City, Okla.
The Bell Boys.
HARRIS, TOMMY
KECA-KFU, Los
Culif, Broadway Memories Calif. Broadway Musical Headline. Memories,

Musical Headline.
HART. JOHN
WXYZ. Detroit, Mich.
HARTLEY SISTERS
WMMN, Fairmont, W. Va.
Singing Strings.

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1937-38-39

C. B. S.

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HAYES, CLARENCE KPO, San Francisco, Calif. Jingletown Gazette. HEADLAND, LOUISE MURRAY WDAY, Farso, N. D. At Your Service, Noonday Variety. HEALEY, WILLIAM WMAS. Springfield. Mass. Reminiscing. Reminiscing.

HELLER, JACKIE
WMAQ-WENR. Chicago, Ill.

HELMS, THEODORE
KWEW, Hobbs, N. M. The
Smiling Cowboy.

HERMAN, BILLIE
KUMA, Yuma, Ariz.

HERMAN, JIMMIE
KUMA, Yuma, Ariz.

HIGSBY, HIRAM
KMBC, Kansas City, Mo.

KMBC Early Bir, Brush Creek KMBC Early Bir. Brush Creek Follies HILDING, MARION KFNF, Shenandoah, Ja. KFNF, Shenandoan, 1a.

III.L., ARLINE
KOVC, Valley City, N. D.

HILLIARD, HARRIET
NBC. Bakers Broadcast.

HODGES, MILDRED

WWNC, Asheville, N. C. Sunday Hymn Sing. HOELZLE, ELMER WMBG, Richmond, Va. Your Singer of Songs.
HOFFMAN, JACK
KTUL, Tulsa, Okla. Musical Interlude, Evening Stars. HOGAN, GLENN LEORY WOW, Omaha, Nebr. Sophis-WOW, Omaha, Nebr. Sophi ticated Rangers. HOPKINS, SIS KFNF, Shenandoah, Ia. HOPPLE, MARY MBS Bach Cantata Series. HOSHER, MARY WOW, Omaha, Nebr. Three Maids and Their Mike. HOUSE, BROMLEY WTAM, Cleveland, Ohio. Shanghai Nights. HOWARD, BOB Cleveland. Ohio. NBC. Gliding Swing. HOWARD, HERB WHLB, Virginia, Mian. HOWARD, SHIRLEY
MBS. Studies In Contrast.
Matual Birthday Show. HOWELL, LLOVD CJRM, Regina, Sask, Medita-tion Program, Harmoniers, HPARD, LARRY WTIC. Hartford, Conu. HUARD, ROLLAND CHRC, Quebec, Que. CHRC. Quebec. Que. HUNTER, PINKY
WULE, Cleveland, Ohio.
HUTCHINSON, LOLA
WMAQ-WENR, Chicago, III.

__ I -

HYDE, DICK KSO, Des Moines, Ia.

INGALLS, JAMES WDRC. Hartford. Yodlin' Jim Ingalls. Conn. INGRAHAM, GERALD WHEC, Rochester, N. Y. WHEC Presents Voice of the Amalgamated.

__ J _

JACOBS, AMOS WMBC, Detroit, M JAMES, JACK WPIC, Sharon, Pa. Detroit, Mich.

JANNETTE WLW, Cincinnati, Ohio. Four Stars Tonight. JESKE, FRED WSYR, Syracuse, N. Y. Timekeeper. JOHNSON, DICK
KGAR, Tucson, Ariz, There Are Smiles. JOHNSON, SYBIL KFH, Wichita, Kans, Silhouette in Song.

JOHNSON, VIOLA

KWOC, Poplar KWOC, Poplar Bluff, Mc Ozark Kid Sings for Phileo.

JOLSON, EDITH WELI, New Haven, Conn. Poli Parade.

JONES, BILLY WMCA, New York, N. Y. JONES, JANET WCAU, Philadelphia, \mathbf{P}_{21}

Household Favorites, JORDON, MARION WFBC, Greenville, S. C.

-K

KALLEN, KITTY Philadelphia. WCAU. I'a Philly Bandwagon. KARGAU, OLGA WMAQ-WENR, Chicago, 111.

KARNES, JOE

KMOX. St. Louis, Missouri.

KAUERZ, ELSA

KOA. Denver, Colo. Musical
Varieties, Colorado's Hour.

KAY, KENNETH

WHB, Kansas City, Mo. KAY, PAT KEHE, Los Angeles, Calif. Listen Ladies. KAYE, LILLIAN

WEBR, Buffalo, N. Y. KDYL SINGERS

KDYL Salt Lake City, Utah.

Varieties

KEULY, DAN WCAU, Philadelphia, Household Favorites, KELSO, MARIO KGDM, Stockton, Calif. Or-

gan Fancies

KENNY, JOHN
WMBG, Richmond, Va.
KIMBLE, MARTHA KGVO, Missoula. Musicale Impromptu,

KINDER SISTERS KDKA, Pittsburgh, Pa. Music Please

KING, ANNETTE NBC. Breakfast Club, Club Matinee, Roy Shield Revue. Sunday Dinner Fanny's. WMAQ-WENR, Chicago, Ill. KING, ERLING

WJSV, Washington, D. C. The Gypsy Minstreis, Aladdin's Kitchen,
KING, LOUISE

MBS. Music by Faith. KIRBERRY, RALPH

NBC. The Dream Singer. KIRCHER, IRENE WMBD, Peoria, III. Happy

KISSELL, EVAN
WHBY, Green Bay, Wise,
KITCHELL, ALMA NBC. Cities Service Chorus. KITTENDORF, KAY

KGVO, Missoula, Mont. Musicale Impromptu.

KLEM, OLYA WNBF, Binghamton, N. Y. Old World Melodics. KNIGHT, BEE KNIGHT, BEE
WJW, Akron, Ohio.
KNIGHT, FELIX
WEAF. Schaeffer Program.
KOTTKAMP, MAUDE
KHSL, Chico, Calif.
KRCHEK, JAMES
WEDC, Chicago, Ill. The WEDC. Chicago. Buick Troubadour. III. KURENKO, MARIA WMAQ-WENR, Chicago, Ill.

- L -

LACEY, JUNE
WLAP, Lexington, Ky.
LADEROUTE, JOSEPH VICTOR WLW, Cincinnati, Ohio. A tumntime Concert. LAMONTAGNE, ANTONIO CHRC, Quebce, Que. LAMOUR, DOROTHY NBC. Chase and Sanborn. LANE, SHIRLEY KFH, Wiehits, Kans, Yor Parlor Playhouse. LA RAE, VIRGINIA KELA, Centralis. Chehall Wash. WLW, Cincinnati, Ohio. Au-

Kans. Your

Chehalis. Wash.

Wash.
LARSEN, MURIEL
WRJN, Racine, Wise. Sunday
at 12:30.
LARSON, ALICE
KWNO, Winona, Minn. Sing

and Swing.

LASHER, WYNNE
CFAC. Calgary, Alta. Sunday Screnade.

LASNIER, EDDY CHRC, Quebec, LATELL, MARIE Que.

LATELL, MARKE
WIP, Philadelphia, Pa. Cocktails for Two.
LAURA, LEE
KMBC. Kansas City, Mo.
Laura Lee and the Prairie
Pioneers, Brush Creek Follies.
KMBC. Easily, Piede

KMBC Early Birds. LAWLER, JOAN WIP, Philadelphia. Rhythm and Romance.

LEWIS, ANN WHO, Des Moines, Ia. Lem and Martha.

LEWIS, TOM WHO, Des Moines, Ia. Lem

and Martha.

LEWIS, WELCOME WHN, New York, N. LINDQUIST, LANSING WSYR, Syracuse, N. Y. In the Music Room.

LINWOOD, LUCILLE NBC, Lucille and Lanny, Town Hall Tonight.

CBS, Hammerstein Music Hall.

LLOVD, JANET
WOW, Omaha, Nebr. Three
Maids and Their Mike.
LOHMAN, OTHA DALE
WOW, Omaha, Nebr. Sophisticated Rangers.

LONG, ED
WAVE, Louisville, Ky. New
Orleans Swingsters. LONG. LUCILLE

WKAT, Mianti Beach, Fla. LORENZ, RITA WPEN, Philadelphia, Pa. LOWERY, COIS

WMFO, Decatur, Ala. Song Serenade

LVMAN, LUCILLE WOW, Omaha, Nebr. LYNNE, CAROL WELI, New Haven, Conn. Noonday Serenade.



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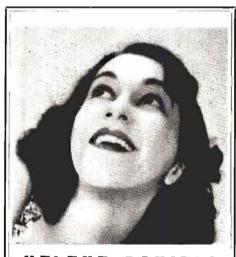
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KFH, Wichtta.
Andy and Zeke.
McKINLEY, BARRY
PRC. Sustaining.
HUGH McKEAN, EDDIE KFH, Wichita, Kans, Uncle WABI, Bangor, Me. Thursday Varieties. MacHUGH, EDWARD
NBC. The Gospel Singer.
MACK, JIMMY
WMAS, Springfield, Mass. The Hi-Volts MACKROSS, HENRY KMOX, St. Louis. Missouri Evening Serenade. MADDEN, MINNA KARK, Little Rock, Ark, Vocalities

MAHONEY, FRAN KMBC, Kansas City, Mo. 'Texas Rangers' Night Time on the Trail, Brush Creek Follies.

MANGUSO, EDDIE WEBR, Buffalo, N. Y. Song Souvenirs MANNA, PEPPINO

WBIL, New York, N. Y. MANNERS, LUCILLE NBC. Cities Service Concert. MANSEAU, LUCIENNE

CHRC, Quebec, Que.
MARAS, GEORGE
KMBC, Kansas City, Mo
Laura Lee and the Pioneers Mo.

Brush Creek Follies, KMBC Early Birds.

MARTIN, EDWARD

WGBF, Evansville, Indiana.

Baker Boy.

Baker Boy.

MARTIN, ELIZABETH
KPIT, Paris, Texas.

MARTIN, JAMES
WDRC. Hartford. Conn. Tea
Time Revue, It's A Date.

MARTIN, JOE
WHN, New York, N. Y.

MARTIN, NANCY
WMAQ-WENR. Chicago, Ill.

MARTIN, TONY
NBC. Burns and Allen.

MARTIN, INIO
CBS. Ford Sunday Evening

Ford Sunday Evening CRS Hour.

MARY LOU WDAY, Fargo, N. D. Songs of Yesteryears

MATEY, REA WHK, Cleveland, Ohio. Song-land Pianissimo.

MAXINE NBC. The Honr of Charm. MAXWELL, RICHARD

CBS. Songs of Cheer and Con-

MBS. Garden of Memories.

MATHIEU, RENE CHRC, Quebec, Que. MAY, ROD

KMBC, Kansas City, Mo. Texas Rangers' Night Time on the Trail, Brush Creek Follies.

MAYBERRY, GEORGE WHAI, Greenfield WHAI Barn Dance. Greenfield, Mass.

MAYER, MARGERY
MBS. Pageant of Melody, Streamlined Opera.

MENGES, ESTHER KGVO, Missoula, Mont. Mu-sicals Impromptu.

MERKER, MARY WOR, Newark, N. J. Moonbeams.

MERRILL, STEVE WLW, Cincinnati. Ohio. Four Stars Tonight. METCALF, JOHN

MBS. Choir Loft. MILLER, CURLEY
WMMN, Fairmont, W. Va.
MILLER, MARY LOU
WBNS, Columbus, Ohio. Mary

Lou Sings

MILNER, CURLEY KGAR, Tueson, Ariz. The Yo-deling Wrangler.

WINOTT, IVAN Jr.
WHAI, Greenfield, Mass. Siberian Fur Shop Troubadour.

MONROE, BILL KARK, Little Rock, Ark. The Kentuckians. MONTGRAIN, MAURICE

MONTGRAIN, MACRITEE CHRC, Quebec, Que. MOODY, ROGER KFPW, Fort Smith. Ark. MOORE, CARRIE MAE WQAM, Miami, Fla. MORGAN, JIMMY KVOX, Moorhead, Minn. The

Kentucky Singer MORNING, SHARI

WHO, Des Moines, Ia. Coffee Pot Inn.

MORRIS, WILLIE
MBS. Invitation To Waltz. Impressions.

MURRAY, HILDA CKTB, St. Catharines, Ont. MURRAY, JACK WAYX, Wayeross, Ga.

- N -

NASH, JOEY WHN, New York, N. Y. NAVE SISTERS

WSUN, St. Petersburg, Fla. NEAL, KAY WHO. Des Moines, In, Coffee

Pot Inn. NEILSON, COZETTE

KDYL, Salt Lake City, Utah.
Varieties, What's New.

Varieties, What's New.
NELLES, FLORIAN
WXYZ, Detroit, Mich.
NESTOR, HENRY
WKAT, Miami Beach, Fla.
NEVILLE, JULIEN
KWNO, Winona, Minn, Even-

song.

NICOLL, MARIAN
KFH, Wiehita, Kans.
NIGEY, RUTH
WMCA. New York, N. Y.
NORMAN, DALTON
WMAY, MOREO Co. Sin

WMAZ, Macon, Ga. Singing Cowboy.

NORTON, LEE WKY, Oklahoma City, Okla. Pancho and his Ridge Run-

NYLAND, RALPH WLW, Cincinnati, Ohio, Vocal Varieties.

- 0 -

O'DELL, EDNA MBS. Sunday Afternoon, Melodies from Sky

O'HEARN, KEITH LAMB WFAA, Dallas, Texas. O'HEREN, DICK WHK, Cleveland, Ohio. Rev-

OLIVER, DEAN (MRS.) KPLT, Paris, Texas. OLSEN, RAY WMBD, Peoria, III. Melody

Magie. OSBORN, CARL

WELL, Battle Creek, Mich. OWENS, JACK KEHE, Los Angeles, Cali Angeles, Calif. Listen Ladies.

OWENS, TEX KMBC, Kansas Ci Brush Creek Follies. Kansas City, Mo.

- P -

PAGE, GALE WMAQ-WENR, Chicago, Ill. PALMASON, ED KJR-KOMO, Sea Highlights Hour. Seattle, Wash.

PARKER, BOB WMCA, New York. PARKER, FAY KDKA. Pittsburgh, Pa. Tap KDKA, Pittsburgh, Pa. Tap Time, Romance and Rhythm.

PARKER, FRANK CBS. Burns and Allen.

PAYETTE, J. CHRC. Quebec, Que.

GHRU, Quebec, Que.
PERKINS, CY
KFNF, Shenandoah, Ia.
PERRON, MAURICE
CURC, Quebe, Que.
PERRY, BILL.

CBS. Saturday Night Serenade, Story of Song, Sweet-

heart Series PHILLIPS, ARTHUR KYW, Philadelphia, Pa.

POPE, JIMMY KTUL, Tulsa, Okla, Jimmy

Pope Sings.

POULIOT, GABRIELLE CHRC, Quebec, Que. POWELL, EVA CHAB, Moose Jaw

CHAB, Moose Jaw, Sask. Moose Jaw Greets the Country, Kitty Johnson Sings.

PRATT, ROBERT KTAT, Fort Worth, Texas.

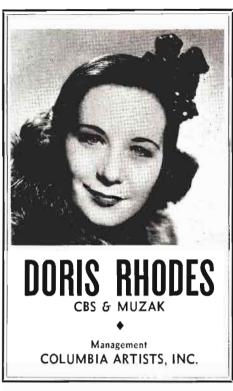
The Hymn Singer. PRICE, HOWARD MBS. Gloomeh

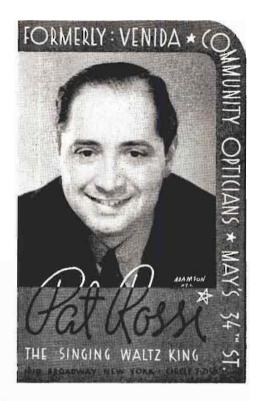
Gloomehasers, Benay Venuta Revue PRICE, MARTHA

KGVO, Missoula, Mont. Musicals Impromptu.

- ()

QUINE, JOHN
WOR, Newark, N. J. Moonbeams.







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QUINTONES

Camel CBS. Show, Ben Bernie Show, NBC. Edison Program.

— R -

RAWLEY, AL WMEX, Boston, Mass. Rawley and his Wild Azalias. RAY, JEAN

WLBC, Muncie, Ind. Four Stars.

RAYE, MARTHA CBS. Al Jolson Show.

RECECONI, LOUISE KVI, Tacoma, Wash. Songs by Louise

REECE, RUTHIE KOY, Phoenix, Ariz. Side by Side.

REED, MAURICE WWL, New Orleans, La. Songs You Love To Hear.

REEDER, CLARENCE KGIW. Alamosa, Colo. The Gospel Singer.

REESE, BOB KDYL, Salt Lake City, Utah. Varieties, Singtime.

REEVES, DOROTHY KWSC, Pullman, Wash. Remember.

RELATED FOUR

KRMC, Jamestown, N. D.
REMSEN, ALICE
NBC. Sustaining,
RENAN, EMILE
MBS. Impressions, Bach Cantata Series

RENTOUL, KENNETH CKNX, Wingham, Ont. CKNX Barn Dance.

REYNOLDS, FRANCES WJDX, Jackson, Miss. RHODES, DORIS CBS, Sustaining.

RICHARDSON, JESSE
WER, Dallas, Texas, Melody
Shop, Snapshots.

RIGGS, TOMMY
NBC. Royal Desserts Program.

RIOME, DON CHAB, Moose Jaw, Sask, The

Gospel Singer. RISTIE, DOROTHY JUNE WMBD, Peoria, III. Juvenile

Theatre. ROBISON, CARSON CBS, Carson Robison & His

Buckaroos. RODGERS, MARION KSO, Des Moines, Ia.

RODINE, DIANE WPEN, Philadelphia, Pa. Musical Vignettes.

ROSE MARIE NBC. Sustainings.

ROGERS, JOHNNY WDAY, Fargo, N. D. Songs of Yesteryears.

ROSENBERG, DOROTHY WCAE, Pittsburgh, Pa. Sophisticated Ladies, Nite At the

Inn. Modern Melodies. ROSENBERG, HENRIETTA WCAE, Pittsburgh, Pa. So-phisticated Ladics, Nite At the Inn. Modern Melodies.

ROSITA WOAI, San Antonio, Texas. ROSS, CLARK

KNX, Los Angeles, Calif. ROSS, DON MBS. Rhyming Minstrel.

ROSS, GILBERT KXA, Seattle, Wash. Yodeling Melodies.

ROSS, LANNY
CBS, Your Hit Parade.
ROSSE, RAY

WBNS, Columbus, Ohio, Romance in Rhythm.

ROSSELLI, EMELITA WOV, New York, N. Y. Tango Cabaret.

Cabares.
ROSSI, PAT
WHN, New York, N. Y.
Vonida, Community WOV. Venida, Commu Opticians, May's Program.

WMCA. Sustaining. ROULEAU. GERARD

CJBR, Rimouski, Que,
RUBINO, DON
WEBR, Buffalo, N. Y. Don
Rubino Serenades,

RUDDELL, MARIE GENDRON WJMS, Ironwood, Mich, Song Time.

RUDY AND RAY KLPM, Minot, N. D.

RUSH, FORD Jr. MBS. Dad and Junior.

MBS, Dad and Junior.
RUSSELL, EVELYN
KYW, Philadelphia, Pa.
RYAN, ALMA
WHK, Cleveland, Ohio, Songland Pianissimo.

– S –

ST. GERMAINE, KAY KEHE, Los Angeles, Calif. KEHE, Los Listen Ladies.

SALERNO, LAWRENCE MBS. On A Sunday After-

SAMPSON, DICK WTAQ, Green Bay, Wise, SANANDRAS, AMELIA WOV, New York, N. Y. Per-soneni Program.

SCHREIBMAN VOCAL CHORUS, JOSEPH

WDAS, Philadelphia, Pa. SCHULER, SELM WTAM, Cleveland, Ohio, Do

You Remember. SCOTT, MARGIE WCOP, Boston, Mass. Margie

Scott and her Music, SEARS, CHARLES WMAQ-WENR, Chicago, Ill.

SEITER, CHRIS WDAS, Philadelphia, Pa.

SHADLE, MAXINE KARM, Fresno, Calif. Moods by Maxine

SHAW, JEAN WCAU. I Philadelphia. Household Favorites. SHAW, MONETTE

WOAL San Antonio, Texas, Tapestry of Songs.

SHAVNE, AL Sally's Studio Party, WMCA & WHN.

SHEEHAN, JOHN WGY, Schenectady, N. Y. SHEPARD, ETHEL

WHN, New York, N. Y.

SHERIDAN, LARRY KGKO, Fort Worth, Texas, KGKO'S Irish Tenor, SHERMAN, BILLY

KDKA. Pittsburgh, Pa. Tap Time, Romanee and Rhythm.

SHERMAN, FLOYD NBC & CBS. P Philip Morris Programs.

SHERRY, ELINOR MBS, Sunday Special, Gloomchasers. SHIELDS, JIMMY

MBS. Studies In Contrast.

SHOPE, HENRY

WOR, Newark, N. J. Moonbeams.

SHUMATE BROTHERS

KMOX, St. Louis, Missouri,
Country Journal, Magic Kitchen and All Hands on Deck.

SIMMONS. ROBERT NBC. Cities Service Concert. The Revelers.

SIMPSON SISTERS Trio.

WOAI. San Antonio, Texas.

WOAL San Antonio,
SLATTERY, ROBERT
WELL New Haven,
Morning Musicale,
SLICER, HERNDON
WDRI Popular March Conn.

WDBJ, Roanoke, Va.
SLOAN, HELEN
WTOL, Toledo, Ohio.
SMALL, MARY
CBS, Ben Bernie — American

Tobacco Company Program.

SMITH, EDMEE
WIS. Columbia, S. C.
SMITH, ESTIS
WIS. Columbia, S. C.

SMITH, FERNE KFPW. Fort Smith, KFPW Personality Girl.

SMITH, JERRY WHO. Des Moines, Ia. Jerry and Lou.

SMITH, KATE CBS. Kate Smith Show,

SMITH, LORENE WEOA, Evansville, Indiana. Hoosier Sweetheart,

SMITH, RACHEL WGPC, Albany, Ga. SMITH, SIDNEY

KYW. Philadelphia, Pa. SMITH, VIOLET KWOC, Poplar Bluff, Standard Oil's Sweetheart,

SNODGRASS, RAY KFH, Wichita, Kans. To Tell The Truth. 80K0L0FSKY, YERNA KJR-KOMO. Scattle. Wash.

Greater Washington Hour.

SOUTHER, JOHNNY WMBC, Detroit, Mich. March of Hits.

SOWDEN, VERNON KOVC, Valley City, N. D. KOVC, Valley C Sougs of Memory,

SPEAKS, MARGARET NBC. Voice of Firestone.

SPIEGEL, DORIS
WSUN, St. Petersburg, Florida.

STANLEY, LARRY KFH. Wichita. \mathbf{Ten} Kans. Pretty Girls.

STANLEY, NADINE WDRC. Hartford, Conn. Tea

Time Revue STANTON, HARRY

WICA, Ashtabula, Ohio, Universal Troubadour, STAR, YVONNE WPEN. Phil

Philadelphia, Pa. Songs of Today STARKEY, ELEANOR

WPEN. Philadelphia, Pa. Melodies That Never Grow Old.

STARR, JOSEPHINE
MBS. Thirty Minutes In Hollywood.

STARR, KAY WMPS, Memphis, Tenn.

STECK, JACK WFIL. Philadelphia, Pa. Jack's Jamboree.

STEELE SISTERS MBS. Musical Steeplechase. STOKER, BILL KDYL, Salt Lake City, Utah. Varieties, Hello Ladies.

STOLLER, ELDA KOVC, Valley City, N. D. Songs of Memory.

STROLL, ESTHER
WJW, Akron, Ohio.
STUART, BONNIE
KYW, Philadelphia, Pa.

SUITS, GORDON WFAA, Dallas, Texas,

SWEETHEARTS QUARTET KRMC, Jamestown, N. D.

SYLVESTER QUARTETTE WWNC, Asheville, N. C. Musical America.

— T —

TALLEY, MARION NBC. Ry-Krisp Presents.

TANNER, ELMO MBS, Sunday Matinec.

TAYLOR, DOLORES
KANS, Wichita, Kans. Studio
Party.

TAVLOR, LARRY
WCAU, Philadelphia, Pa.
Household Favorites.

TILTON, MARTHA CBS, Camel Caravan,

TOLLIN, MARY DOLORES WIP, Philadelphia, Song Ser-

TRUMBO, COLISTA
WSVA, Harrisonburg, Va.
Song Recipes.

TSOULES, HELEN
WABI, Bangor, Me. Vocals by
Marie.

TURLEY, CHARLES WTOL, Toledo, Ohio.

TWAROSH, FRED WBBR, Brooklyn, N. Y.

__ V __

VALLEE, RUDY NBC, The Royal Desserts Program.

VENUTA, BENAY
MBS. Benay Venuta Revue.

VERRILL, VIRGINIA CBS. Jack Haley's Wonder Show, Jack Haley's Log Cabin Program.

NBC, Log Cabin Revue.

VINCENT, LARRY
WCAU, Philadelphia, Pa.
Manhattan Soap Program.

_ w _

WAHLSTEAT, JOHN
WHB, Kansas City, Mo. Silver
Sails.

WAKELY, JAMES
WKY, Oklahoma City, Okla.
The Bell Boys.

WALKER, KENNEY KDKA, Pittsburgh, Pa. Music Please.

WARE, MARGARET KFPW, Fort Smith, Ark.

WARNER, MAURICE WMBD, Peoria. III. WMBD Music Hall.

WARREN, LEONARD MBS. Music For Today.

WARREN, PATRICIA WMAS. Springfield, Mass. WARRICK, LEON WTOL, Toledo, Ohio.

WAYNE, IVAN WFAA, Dallas, Texas.

WEEDE, ROBERT

NBC. Radio City Music Hall
On the Air.

WEYMAN, CAROL NBC. Sustaining

WIGGINS, VERONICA WOR. Newark, N. J. Moonbeams.

WITWER, KATHRYN
MBS. Pageant of Melody, Coneert Revue.

WOLFE, JOHN
KGO - KPO, San Francisco.
Calif. Jingletown Gazette.

WOOD, BARRY CBS. Sustaining.

WOODWARD, A. L. WBAP, Fort Worth, Texas. Red Hawks.

WRIGHT, EDYTHE

NBC. Tommy Dorsey and His

Orchestra.

-Y-

YORK, LEE WEOA, Evansville, Indiana. Singing Cowboy.

-z-

ZAVIDOW, LILLIAN WPEN, Philadelphia, Pa. Songs at Twilight.

ZIMMERMAN, BOB KWSC, Pullman, Wash, A.K.L. Glee Club.

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AND THEIR WORK DURING 1938





– A -

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WHN, New York, N. Y. Cocktail Lounge, To the Ladies, Fraternity Row, Everybody

ALDIN, JIMMY

NBC. Sustainings ARMBRUSTER, ROBERT

NBC. Chase and Sanborn Program.

ARMSTRONG, LOUIS NBC. Dance Periods.

- R -

BAKER, CHARLES A.

NBC. Highlights of the Bible,
National Vespers.
BARBIROLLI, JOHN

CBS. Philharmonie-Symphony Orchestra Program.

BARLOW, HOWARD NBC. The March of Time.

BARRON, BLUE NBC. Dance Periods.

BATTLE, REX
NBC. Rex Battle Ensemble.
BAUM, CHARLES

Sustaining Series. BECKER, "BUBBLES"

NBC. Sustaining.

BENTER, LIEUT, CHARLES
NBC. U. S. Navy Band.
BERNIE, BEN
CBS. Ben Bernie—American

Tobacco Co. Program.

BESTOR, DON

NBC. Dance Periods.

BILTMORE BOYS, THE Sustaining.

BLACK, DR. FRANK NBC. Cities Service Concert.

Magic Key of RCA.

BLAINE, JERRY

NBC. Dance Periods.

BLAUFUSS, WALTER NBC. National Farm and Home Hour, Viennese Sextet. BLOCK, BERT

NBC. Dance Periods.
BLOCK, RAY
MBS. What's My Name, NBC.
The Swing Fourteen.

BOURDON, ROSARIO

BOURDON, ROSARIO
NBC. Cities Service Concerts.
BRADLEY, OSCAR
CBS. Passing Parade.
BRANDYWYNNE, NAT
MBS. Show of the Week.
BRANSON, CAPT. TAYLOR
NBC. U. S. Army Band.
BREESE, LOU
NBC. Dance Periods.

BREWER, GAGE
KFXJ, Grand Junction, Colo.
BROWN, LES
NBC. Sustaining.

BRUSILOFF, NAT WMCA. Sustainings.

BRUSILO.
WMCA. Sustano...
BRYANT, WILLIE
NBC. Dance Periods.

CJRM, Regina, Sask. Walter Budd and his Blossoms Program.

BUNDY, RUDY NBC. Sustain BUSSE, HENRY Sustaining.

NBC. Dance Periods.

— c —

CAMDEN, EDDIE

NBC. Sustaining.
CHAVEZ, CARLOS

NBC. NBC Symphony Orch-

estra CHERNIAVSKY, JOSEF
MBS. Musical Steeplechase.
NBC. Musical Camera.

NBC. Musical Camera.
CHILDS, REGGIE
NBC. Sustainings.
CLINTON, LARRY
MBS. Show of the Week,
NBC. Quaker Oats Program
CLOUTIER, NORMAN C.

NBC. Norman Cloutier Presents.

SCHER.
CORRAL, TONY
KTAR, Phoenix, Ariz,
CRAIG, FRANCIS
NBC, Francis Craig Presents,
CROSBY, BOB
MBS, Radio Candid Camera Program.

DAMROSCH, DR. WALTER NBC. Symphony Programs. DARBY, LOU CFAC, Calgary, Alta. Good

Morning Neighbor. D'ARCY, CAPT. THOMAS F. MBS-NBC, United States Army

D'ARTEGA

NBC. Jello Summer Series, MBS. Admiración Series, CBS. Energetic Series,

DELAMARTER, ERIC MBS. WOR Symphony Program.

DICKEY, TOM
WOAL San Antonio, Texas.
DONAHUE, AL

NBC. Sustainings.

DONNIE, DON

NBC. Manhattan Merry Go
Round.

Round.
DORSEY, JIMMY
MBS. Show of the Week.
DORSEY, TOMMY
NBC. Raleigh-Kool Program.
DUCHIN, EDDY
MBS. Show of the Week,
Hour of Romance, NBC, Pall

- B -

ERWIN, VIC MBS. Musical Cartoons.

_ F _

FAITH, PERCY

MBS. Bands Across the Sea. Music By.

FIELDS, SHEP Sustainings.

MBS. Sustainings. NBC. Sustainings.

FIORITO, ERNIE MBS. Studies in Contrast.

FREDERIC, MARVIN NBC. Sustaining.

FREUDBERG, LEO MBS. Gloomchasers, Football

– G -

GALLICCHIO, JOSEPH WMAQ-WENR, Chicago, Ill.

GARBER, JAN NBC. Burns and Allen Program.

GARCIA, ENRICI WOAI, San Antonio, Texas. Rhumba Kings.

GART, JOHN NBC. Lanny Gray's Rhythm School.

GILL, ERNEST NBC. Songs We Remember.

GILLETTE, JACK NBC. Sustaining GINSBERG, HARRY TRUST-

MAN NBC. Golden Melodies. GODWIN, FREDDIE CKTB, St. Catharines, Ont.

GOODMAN, AL

MBS. Show of the Week, CBS. Hit Parade. GOODMAN, BENNY

CBS. Camel Caravan, Benny Goodman Swing School CBS.

GORDON, GRAY

NBC. Sustainings.
GOULD, MORTON
MBS. Music for Today.
GOULD, WILLIAM
KFXJ, Grand Junction, Colo.
GRANT, LEE

WMCA. General Mills Program

GRASSO, FRANK

WFLA, Tampa, Fla. Magic Flutes.

GRAY, GLENN NBC. Sustai Sustainings.

NBC. Sustainings.
GRAVSON, BOB
NBC. Sustaining.
GREEN, HAROLD
CJRC, Winnipeg, Man. Fautasta, Modern Strings.
GROFE, FERDE
MBS. Wheel, Mr. Name

MBS. What's My Name.



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- H -

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HAMP, JOHNNY NBC. Sustain Sustaining. HANLEY, MYRON

NBC. Sustaining.
HANSEN, V. REES
CHRC, Quebec, Que. The Misadventures of Fernandeau.

HANSON, BUSSIE
KOVC, Valley City, N.
HANSON, DR. HOWARD

WHAM, Rochester, N. Y. Eastman School Symphony. HARRIS, FRED WTMV, East St. Louis, III.

Rhythm Roundup. HARRIS, PHIL

NBC. Jello Program.
HARRISON, GUY FRASER
WHAM, Rochester, N.
Rochester Civic Orchestra.

HEIDT, HORACE NBC. Horace Heidt and His Alemite Brigadiers.

HEIMLICH, RAY WDAS, Philadelphia, Pa. HENDLEY, FISHER

NBC. Sustaining,

WIS, Columbia, S. C. Balentine's Aristocratic Pigs. HICKS, BILLY

HIMBER, RICHARD CBS. Monday Night Show.

HOFF, CARL CBS. Al Pearce and His

Gang.

HODEK, FRANK California.

HOHENGARTEN, CARL CBS. The Laugh Liner.

HONTI, JOSEF NBC. Continental Varieties, Let's Talk It Over, Melody

Moments. HOWARD, OLLIE

KGIW, Alamosa, Colo. HUGHES, GLENN

WKRC, Cincinnati, Ohio Glenn Hughes' Barn Dance, HUTCHINSON, CHARLES R.

WGBF, Evansville, Ind. Little German Band.

ISLES, J. HARRISON NBC. Cheerio.

ITURBI, JOSE
CBS. Ford Sunday Evening
Hour, WHAM. Rochester Philharmonie Orehestra. . **J** .

JAHMS, AL NBC. Sustaining.

__ K

Russian Melodies.

KAYE, SAMMY MBS. Show of the Week. KELSEY, WALTER NBC. Design for Music.

NBC. Desi KEMP, HAL CBS, Time to Shine.

KING, WAYNE NBC. Lady F NBC. Lady Esther Serenade. KIRILLOFF, ALEXANDER Music Internationale NBC.

KOESTNER, JOSEF NBC. Ry-Krisp Presents Mar-ion Talley.

KOGEN, HARRY NBC. Kaltenmeyer's Kindergarten, NBC Jamboree, NBC Minstrels of 1938.

KYSER, KAY NBC. Kay Kyser's Musical Klass. - L -

LaPRADE, ERNEST NBC. NBC Home Symphony. LEASH, PAUL Swingology.

LEONARD, HAL KWNO, Winona, Minn. Treaspre House.

LOMBARDO, GUY CBS, Lady Esther Serenade, Bond Bread Program.

LOPEZ, VINCENT
MBS. Show of the Week. LUNCEFORD, JIMMIE

NBC. Sustaining.
LYMAN, ABE
NBC. Waltz Time.

__ M · McCUNE, BILL NBC.

Sustainings. MARCHELLI CBS. House by the Side of the Road.

NBC. Fibber McGee & Molly MARTIN, PAUL NBC. Paul Martin and His

MAUPIN, REX WMAQ-WENR, Chicago, Ill.

MAURICE, TIM CKCL, Toronto, Ont. Morning Varieties.

MEAKIN, JACK NBC. Sustaining.

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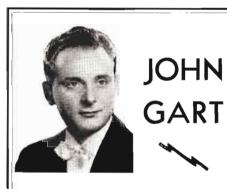
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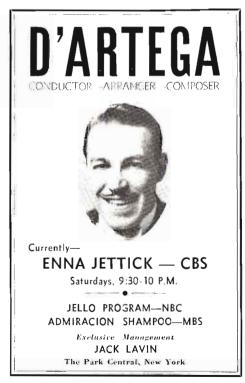
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meeticut Colonials.
MILLER, JACK

CBS. CBS, Kate Smith Program.
MILLS, BILLY Fibber McGee and VEC

Molly.

MILLS, FELIX NBC, Mickey Mouse Theater

of the Air.

MONTEUN, PIERRE

NBC. NBC Symphony Orchestra

MOORE, CARL "DEACON"

NBC. Sustaining.
MORGAN, RUSS
NBC. Johnny Presents.
MURRAY, LYN CBS. Sustainings.

— N -NAGEL, HAROLD NBC. Sustaining. NAYLOR, OLIVER WAPI, Birmingham, Ala. NEEL, PAUL WBNS, Columbus, Ohio.
NEELY, UBERTO
MBS. Nation's School of the

NELSON, OZZIE NBC. Bakers' Broadcast.
NEWTON, JOHNNY
WHAI, Greenfield, Mass. Relaxed Rhythm. NOBLE, RAY

CBS. Burns and Allen Pro-NORMAN, JOAN WAGA, Atlanta, Ga. StringNOVAK, FRANK MBS. Design for the Living. _0

OLSEN, GEORGE Royal Crown NBC. The Revue

OSBORNE, WILL MBS. Show of the Week.

PAIGE, RAYMOND Hollywood Hotel.

PARANOV, MOSHE Music for Everyone. NBC. PENDARVIS, PAUL

PHELES, NORMAN WGH, Newport News, Va. PIRRO, VINCENT

Sustainings. MBS.

PITT, MERLE WNEW, New York, POLLACK, BEN

CBS, Joe Penner Program.

PRESBY, O. K.

CFCY, Charlottetown, P. E. 1.

O. K. With the Steinway.

QUIRKE, CONAL WMBG, Richmond, Va. Conal Quirke Presents.

RAKOV NBC. The Four of Us, Little

Variety Show, Rakov's Or-chestra, Swingtime Trio, chestra. Waitz Serenade. RANDALL, GORDIE NBC, Half-Past Eleven.

RAPEE, ERNO Radio City Music Hall NBC. on the Air.

RAPP, BARNEY NBC. Sustain Sustaining.

RAVAZZA, CARL NBC. Sustaining.

NBC. Sustaining.
REISMAN, LEO
Show of the Week MBS. The
Schaefer Revue, NBC.

RICH, LOUIS

MBS. Louis Rich Presents.
RICHARDS, JIMMY AND

BILLY Sustaining.

NBC. Susta Sustaining.

NBC. Sus RINES, JOE

WBC. Magic Key. Sustaining. RODZINSKI, ARTUR NBC. NBC Symphony Orchestra.

ROLFE, B. A.

NBC. Believe It or Not. ROTH, AL

NBC. Al Roth and His Orchestra.

ROUNDTREE, LUTHER "RED"

WMPS, Memphis, Tenn.
RUVINSKY, ABRAM
WHKC, Columbus, Ohio. Ruvinsky Ensemble, Silhouettes in Music.

SABIN, PAUL NBC. Sustaining.

SACKS, CARL WNBF, Binghamton, N. Y. WNBF Studio Ensemble.

SAGERQUIST, ERIC NBC. The First Nighter.

SALTER, HARRY Hobby Lobby, NB Summer Series NBC. NBC, Jello

SANFORD, HAROLD NBC. Light Opera Selections,



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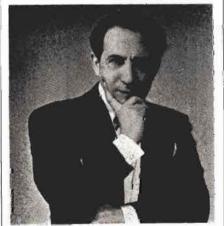
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SEARS, JERRY

NBC. Popular Waitzes, and Shine, Sunshine Express.
SENYK, STEVE Popular Waltzes, Rise

Morning Neighbor. SHACKLEY, GEORGE

WOR, Newark, N. J. Moonbeams

SHAW, ARTIE CRS

Melody in Madness.

SHIELD, ROY

NBC Promenade Con-NBC, NBC Promenade Con-cert, Romance Melodies, Roy Shield Revue, Sunday Dinner at Aunt Fanny's

SILBERBERG, BEN

NBC. Do You Remember? SINATRA, RAY

MBS. Moonlight Rhythms.

SISSON, KEN CBC. Hello America, Imperial Cigarette Show.

SMITH, "STUFF" NBC. Sustaining

SOSNICK, HARRY NBC. Hollywood Playhouse.

SPITALNY, H. LEOPOLD

NBC. Popular Classics, Tales of Great Rivers.

SPITALNY, MAURICE NBC. KDKA Presents.

SPITALNY, PHIL The Hour of Charm. NRC

STANLEY, BOB

MBS. We Want a Touchdown,
Jazz Nocturne.

MBS. Nation's Playhouse. STOKES, HAROLD

STEDEBAKER, HUGH MBS. Bachelor's Children. Curtain Time.

Sunday

STEINBERG, SIGMUND.

Swing Session.

STOCK, FREDERICK

STOESS, WILLIAM

Lifetime Revue

Trio

eram

MBS

CKCL, Toronto, Ont. Viennese

MBS, Chicago Symphony Pro-

Afternoon

STEVENS, LEITH
CBS. This is New York,

STEVENS, SKIPPY KVOC, Valley City, N. D.

— T -

THOMPSON, LANG NBC. Sustaining.

TOSCANINI, ARTURO

NBC. NBC Symphony Or-

TROTTER, JOHN SCOTT
NBC, Kraft Music Hall,
TUCKER, TOMMY
MBS, Thirty Minutes

Hollywood.

- V -

VALLEE, RUDY NBC. The Royal Desserts Program.

VAN STEEDEN, PETER NBC. For Men Only, Town Hall Tonight,

VARZOS, EDDIE NBC. Sustaining. VELAZCO, EMIL Sustaining. NBC.

- W -

WALLENSTEIN, ALFRED Fireside Firestone Recital NBC, Symphonic Strings MBS, Sinfonietta MBS, Bach Cantata MBS, Voice of Firestone NBC

WARING, FRED
Show of the Week MBS, Fred Waring and vanians NBC and His Pennsyl-

WARNOW, MARK

New York on Parade NBC, We the People CBS, Hit Parade CBS, Sophie Tucker Show CBS.

WEBB, CHICK

NRC Sustaining.

WEBER, HENRY MBS Concert Revue. Pageant of Melody

WEBER, MAREK

NBC Contented Program,

WEEMS, TED

MBS. Sunday Matinee.

WHITEMAN, PAUL Chesterfield Program.

WILLIAMS, SAMMY

NBC. Aunt Jennima's Cabin
at the Crossroads.

WILSON, MEREDITH NBC. Good News of 1938 and 1939.

— Y -

YATES, BILLY NBC. Sustaining.

— Z —

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AND THEIR WORK DURING 1938





- A -

ALEXANDER, ALTON

The Hour of Charm, NBC. General Motors Concert, NBC. Five Star Revue, CBS. Sweet-heart Time, MBS-CBS. Fun in Swingtime, MBS.

ALEXANDER, A. L.
True Stories, NBC, Good Will
Court, NBC, Rudy Vallee
Hour, NBC, Joe Cook Show,
NBC, Radio Guide Court of Honor, NBC.

ALLMAYER, BEN CKCN, Kansas City, Kans.

— R —

BAILEY, H. C. NBC.

BALLARD, PAT WBC, CBS.

BARKER, ALBERT WMAQ-WENR, Chicago, Ill.

BELONI, ED NBC. Jack Benny.

BERG, GERTRUDE CBS, The Goldbergs, NBC.

BIXBY, CARL CBS. Big Sister, Life Can Be Beautiful, This Day Is Ours

BLOCH, HAL CBS. Phil Baker Series.

BOYNTON, BESSIE

There Was a Woman, NBC, WMAQ-WENR, Chicago, Ill.

BOGERT, YIN

The Zany Family, CBS, Free for All Revue, MBS, The Singing Druggist, MBS, Laugh with Zeke Manners, WMCA.

BRODNEY, OSCAR

CBS. Jack Haley Wonder Show

BRYAN, ARTHUR Q. KFWB, Los Angeles.

BURDICK, HAL

NBC. Dr. Kate, Night Editor

— c —

CARRINGTON, ELAINE STERNE

NBC, Pepper Young's Family.

COOK, BURR NBC, It May Have Happened.

CRUSINBERRY, JANE

NBC. The Story of Mary Mar-

___ E _

EDGLEY, LESLIE
WMAQ-WENR, Chicago, III.

ELLIS, CAROLINE KMBC, Kansas City, Mo.

ETHERINGTON, JAMES

BILL MORROW

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"Unsolved Mysteries"
"The Cycle of Time"

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"Giuseppe Loffredo Sketch Book"
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ESSER, WRIGHT WMAQ-WENR, Chicago, III.

— **F** —

FARRELL, HELEN KHUB, Watsonville, Calif.

FELDSTEIN, HENRIETTA
Little Shaver, WMCA. Rudy
Vallee Hour, NBC.

FERRO, MATHILDE NBC, Lorenzo Jones.

FERRO, THEODORE NBC, Lorenzo Jones.

FIMBERG, HAL

Jack Haley Log Cabin Jamboree, NBC. Jack Haley Wonder Show, NBC.

FRAMER, WALTER WWSW.

FRAZER, JOHN WMAQ-WENR, Chicago, Ill.

FRY, EVAN KCKN, Kansas City, Kans. FUSON, JAMES

KOME, Tulsa, Okla.

GILL, FRANK CBS, Post Toasties Program.

GOLDSMITH, C. H.
WCHV, Charlottesville, Va.
Straight Jacket.

HARRIS, HARRIETT

KFWB, Los Angeles, Calif. Grandmother's Fairytales. HECKLE, MARGARET KMBC, Kansas City, Mo. HIKEN, NAT CBS. The Grouch Club.

HUMMERT, ANNE NBC, Backstage Wife.

HUMMERT, FRANK NBC, Backstage Wife.

<u> — к —</u>

KEARNEY, BEULAH KMBC, Kansas City, Mo.

KEEHM, NEAL KMBC, Kansas City, Mo.

KRUM, FAVETTE
WMAQ-WENR, Chicago, Ill.

KURTZMAN, SAMUEL

Eddle Cantor Camel Caravan, CBS. Jack Oakle Program, CBS. Al Jolson Show, CBS. Bob Hope Program, NBC. Sereen Actors' Guild Program, CBS.

LANGDON, GRACE

WHA, Madison, Wise,-WLBL, Stevens Point, Wise, Wiseonsin College of the Air,

— L —

LAUFERTY, LILLIAN
NBC, Your Family and Mine.

LAWRENCE, HARRY Kaltenmeyer's Kindergarten, NBC, WMAQ-WENR, Chicago, III.

LEAF, MARGARET NBC, Adventures in Reading.

LEONARD, LEONARD M.
WOR, Newark, N. J. Press
Time, News Testers.

LESCOULIE, JACK KFWB, CBS. Grouchmaster. LOFFREDO, GIUSEPPE CBS. NBC.

LUDLAM, GEORGE NBC, Spy at Large.

LUDLOW, CHARLES WMAQ-WENR, Chicago, Ill.

– M –

MARKS, LAWRENCE
The Zany Family, CBS, Free
for All Revue, MBS, Laugh
with Zeke Manners, WMCA,
Singin' in the Rain, WHN,
The Old Counselor, WIP.

McCLARY, JOHN D. WHA, Madison, Wisc.-WLBL, Stevens Point, Wisc. Wisconsin College of the Air.

McLEAN, DOUGLAS
CBS, Aunt Jennic's Real Life
Stories,

McLEAN, ELIZABETH
CBS, Aunt Jennie's Real Life
Stories.

MAHONEY, WILKIE CBS. California.

MAURO, A. WOV. P. & G. Series.

MADDEN, VERONICA
WHA, Madison, Wisc.-WLBL,
Stevens Point, Wise. Wisconsin School of the Air.

MEISNER, FRANCIS KCKN, Kansas City, Kans.

MILLER, ALBERT 6.
Euo Crime Club, CBS & NBC
Buek Rosers, CBS, Camel
Hour, NBC, Royal Canadian
Mounted Dramas, NBC, Gruen
Watch Program, MBS, Pon-



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Script Writer
PROCTER & GAMBLE PROGRAMS

OVER
1600 TIMES
ON THE AIR AT THE END OF 1938

Varsity Show, NBC. tiac American Banks Program. CBS. Phyl Coe Mysteries. Town Hall Tonight, Ben Bernie Program, WLW NRC CBS

MORROW, BILL

NBC. Jack Benny.

MORSE, CARLTON E. NBC, One Man's Family.

MULLINAX, EDWIN WHMA, Anniston, Ala.

MURDOCK, MRS. JOHN R. KOY, Phoenix, Ariz. The Old Clipping Chest.

MURPHY, WILLIAM J. WMAQ-WENR, Chicago, III.

- 0 -

OBOLER, ARCH Lights Out, NBC, WENR, Chicago, III. WMAQ

PEREZ, RALPH WEDC, Chicago, III. Old Mcx-

PERRIN, SAM

The Jello Program Starring Jack Benny, NBC. Screen Actors Guild Show, CBS.

PERSONS, KATHERINE B. WMAQ-WENR, Chicago, Ill.

PHILLIPS, ARTHUR

Phil Baker Program, CBS. Jack Haley Wonder Show. CBS.

PHILLIPS, IRNA NBC. Guiding Light. The

Woman in White, Road of Life.

POST, ROY MBS. Yo You, the Unseen Jury. NBC. Fred Allen.

QUINN, DON NBC, Fibber McGee and Molly.

--- R ---

RHYMER, PAUL Vie and Sade, NBC, WMAQ-WENR, Chicago, Ill.

RICHARDSON, ETHEL PARK NBC. Dreams of Long Ago.

NBC. Those We Love.

ROBINSON, KEN

Harding's Wife. NBC. Dan WMAQ-WENR, Chicago, Ill.

- S -

ST. CLAIR, GORDON
NBC, A Tale of Today.
SEATON, WRETHA
KCKN, Kansas City, Kans.
SILVER, SAM
Rudy Vallee Program, NBC.

Tommy Riggs Program, NBC. SMITH, Leroy

KMBC, Kansas City, Mo. SPEER, JOHN R. FH, Wichita, Kans. STAFFORD, GENE

Quite By Accident, NBC. We Want a Touchdown, MBS. You the Unseen Jury, NBC. Secret Agent K-7, MBS. Symphony of Power, MBS. Transcriptions. scriptions: Wings Over the

Work, Front Page Drama, Jungle Jim, The Sports Magazine of the Air, Voices of Yesterday.

— T —

TAYLOR, J. LENARD WKST, New Castle, Pa.

TODD, ELIZABETH NBC. Mother-in-Law.

TOEPFER. SUE

WHA, Madison, Wise, WLBL, Stevens Point, Wise, Wisconsin College of the Air.

-v

VANDEL, GEORGE Grand Hotel, NBC, Nighter, NBC, Prel Nighter, NBC. Prelude to Peace, WHN. The Ghost Walks, WHN. Broadway Mel ody, WHN. American Scenes, KFWB.

-W -

WAMBOLDT, M. P.

AMBOLDA,
Staff riter, Tracking & Transamerican Television Corn

WARWICK, HOWARD

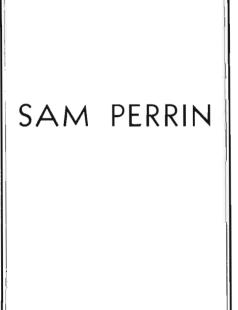
NBC, You, the Unseen Jury. WEBSTER, ELTON MAURICE

CBS. Columbia's Camera Club. WEIDNER, HENRY WEDC, Chicago, III. Many WEDC, Chi Moons Ago.

WEST, JANE NBC, The O'Neills.

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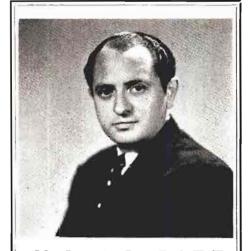
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-- D -

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___ E _

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– L –

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-M

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McKINSTRY, DIXIE

KFNF, Shenandoah, la. Instrumentalist.

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Canada, Violinist. MALOTTE, STAN

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WOAI, San Antonio, Texas. Organist. Reverie, Crazy

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MOSS, ROBERT A. WQXR, New York, N. Y. Violist, String Classics. Salon

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NBC, Ward Pianist, Muzzy.

MUTH, BILLY

KTAT, Fort Worth, Texas. Organist. The Organ Grinder.

-N

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WBT, Charlotte, N. C. Pianist-Organist, Young America
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phonist.

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KGVO, Missoula, Mont. In-strumentalist, Musicale Im-

promptu.
PRICILLA, MARTHA
WGPC, Albany, Ga. Pianist. Keyboard Harmonies.

PRIOR, CHARLES
KMBC, Kansas City, Mo. Xyl-

ophonist-Vibraphonist, Midland Melodiers.

PRITCHARD, HELEN

WSPD, Toledo, Ohio. Harpist. Dream Fantasy.

PYE, JIMMIE KFNF, Shenandoah, Ia. Violinist.

- R —

RAPHAEL, DON

WELI, New Haven, Conn. Or-Raganist. Rhapsodies by

phael, RAVEL, ELIZABETH WPIC, Sharon, Pa. Pianist. REINHERZ, SID

WCOP, Boston, Mass. Pianist. Froligmakers with Sid Rein-

RENTOUL, KENNETH
CKNX, Wingham, Ont. Bagpiper, CKNX Barn Dance.

REX, TEX and BLACKY KRMC, Jamesto Strong Ensemble, Jamestown,

REYNOLDS, MARION

WELL, New Haven, Conn. Pianist-Organist. Organ Melo-

RHYTHM THREE

KANS, Wichita, Kans. Instrumentalists

KARK, Little Rock, Ark. Instrumental Trio.

RIDER, EDDIE

WCLE, Cleveland, Ohio. Vio-linist, Modernaire, linist, Mod RHGS, NELL

WCLE, Cleveland, Ohio, Pi-anist, Two Keyboards.

RIPPEPI, AL
WHK, Cleveland, Ohio, Accordionist, Winsper...
RIPPEPI, FRANK
WHK, Cleveland, Ohio. Bass
Violinist, Whispers.

WPIC, Sharon, Pa. Banjoist-Guitarist.

RODGERS, MARIAN KSO, Des Moines, la.

ROPER, PAT WGBF, Evansville, Ind. Pianist. Mysterious Pianist.

RUDOLPH, JOE WCBD. Chicago, 111, Pianist. Pianoland Program.

__ s __

SALL, JOLIN

WJSV, Washington, D. C. Organist. Arthur Godfrey's Prorram.

SANDS, JIM

WCLE, Cleveland, Ohio. Pi-anist. Sunny Jim. SARDONI, LAWRENCE

KFXJ, Grand Junction, Colo. Violinist, KFXJ Symphony Orchestra

SAVAGE, PHIL

CJBR, Rimousk, Que. Organ-SAYRE, HARRY

WSAZ, Huntington, W. Va. Pianist.

SELLS, PAUL

KMBC, Kansas City, Mo. Accordionist. Texas R Night Time on the Brush Creek Follies. Rangers Trail.

SEWELL, LOUISE KFPW, Fort Smith, Ark. Vi-

olinist.

SEWELL, MARY FRANCES KFPW, Fort Smith, Ark. Pi-

SHAFFER, ISABEL

WIOD, Miami, Fla. Organist. SHAW, CLIFFORD WAVE, Louisville, Ky. Pian-

Creations in Ivory.

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SHELB, CECELIA

WKZO, Kalamazoo, Mich. Instrumentalist. Light Classic

Trio.
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SHERWOOD, FAN E.

WKZO, Kalamazoo, Mich, Instrumentalist. Light Classic Trio.

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KOA, Denver, Colo. Pianist Wells of Music, Colorado's Hour

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__ T_

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TRETHEWEY, CHARLES CJCS, Stratford, Ont.

TRUXELL, EARL WCAE, Pittsburgh, Pa.

TUTTLE, ELSIE . . WSJS, Winston-Salem, N. C.

- V -

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VIDACOVICH, PINKY WWL, New Orleans, La.

VOLKOW, D. WHFC, Cicero, III.

VOYER, GASTON CHRC, Quebec, Que.

-w

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WALLACE, LOLA WGST, Atlanta, Ga.

WALLENSTEIN, ALFRED WOR, Newark, N. J. WALTERS, JEAN

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WTAR, Norfolk, Va.

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WJMS, Ironwood, Mich.

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WRIGHTZ, R. HAMILTON CFRN, Edmonton, Alberta.

WRIGHT, WILL KTFI, Twin Falls, Idaho.

WYLIE, ALISTER WIL, St. Louis, Mo.

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AVERY, ALLAN WJJD, Chicago,

AVERY, GAYLORD WOW, Oniaha, Nebr.

AVERY, IRA WRVA, Richmond, Va.

— B —

BACON, ROGER WTMV, East St. Louis, 10.

BAILEY, BILL KWTO-KGBX, Springfield, Mo.

BAILEY, WILLIAM A.

NBC, Just Plain Bill.

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KGO, San Francisco Calif KPO

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BERGSTROM, ARTHUR WSPR, Springfield, Mass.

BERNDT, JR., IRVING WRAK, Williamsport, Pa.

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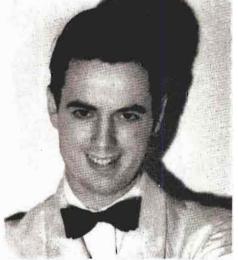
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CHURCHILL, BERT CFGP, Grand Prairie, Alberta.

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Variety Show, Swing Seremade.

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The Passing Parade. CBS. Burns and Allen, NBC. Silver Theater, CBS.

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WBOW, Terre Haute, Ind. COOKE, JOSEPHINE

KFRO. Longview, Texas. COOK. MILTON

KARM, Fresno, Calif. COOK. O. D.

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CORBIN, PAUL Centralia and KELA. Betw. Chehalis, Wash.

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COTT. TED WNYC, New York, Symphonic Varieties, Let Freedom Ring, Bound in Morogeo, World's Fair Broadcasts.

COURSEY, ALEX WQDM, St. Albans, Vt. COUTURE, CHARLES E.

CKCV, Quebec, Que. COUTURE. MIVILLE

CHRC, Quebec, Que. COWAN, T. H. WNYC, New York, N. Y.

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COZAD, SAMMY WTBO, Cumberland, Md. CRABTREE, CHARLES

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CRAWFORD, VERNON WFIL. Philadelphia, Pa.

CREASMAN, JAMES KTAR. Phoenix, Ariz.

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KJR. Scattle, Wash. CROCKETT, DAVID KOMO, Scattle, Wash.

CROMBIE, RICHARD KJR, Scattle, Wash. CROMBIE, RICHARD

KOMO, Scattle, Wash. CROSA, CHARLES

KGDM, Stockton, Cal.

CROSBY, LEW NBC, Hollywood Playhouse. CROSS, MILTON J.

NBC, Coast to Coast on a Bus, The Armchair Quartet, Magic Key of RCA, The Sing-ing Lady, You, the Unseen Jury.

CROWELL, GEORGE WORL. Boston, Mass.

CROXFORD, NORMAN WBBR, Brooklyn, N. Y. CROXTON, TOMMY WIOD, Miami, Fla.

CRUICKSHANK, JOHN CKNX, Wingham, Ontario. Canada

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CULVER, HOWARD KMTR, Hollywood, Calif.

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CUTLER, CHARLES WATR, Waterbury, Conn.

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NBC, Fitch's Series. HOGUE, DICK KDKA, Pittsburgh, Pa. HOISINGTON, DUANE KHBG. Okmulgee, Okla. HOLADAY, DON KVOX. Moorhead, Minn. HOLBROOK, HOWARD KSAM. Huntsville, Tex.

HOLDEN, JACK NBC. Alka-Seltzer National

NBC, Alka Barn Dance,

KANS, Wichita, Kans. HOLMES, WALTER WBNX, New York, N. Y. HOLT, ROBERT
WEW, St. Louis, Mo.
HOLTMAN, JOHN WMAQ-WENR, Chicago, III, HOLUB, THOMAS CKSO, Sudbury, Ont. CKSO. Sudbury, Ont.
HONODEL, DON
KHSL. Chico, Calif.
HOOD, BILL
KGKO. Ft. Worth, Tex.
HOPPER, JACK
WMBG. Richmond, Va.
HOPKINS, DON
KGVO. Missoula, Mont.
HOPKINS, PAULINE
WICA. Ashtabula, O.
HORN ROBERT HOPKINS, PAULINE
WICA, Ashtabula, O.
HORN, ROBERT
WCAM, Camden, N. J.
HORNER, GORDON
WSAL, Wausau, Wise,
HORNSBY, DAN
WGSI, Atlanta, Ga.
HOSKINS, JAMES
WBLY, Lima, O.
HOPETILING, ROBERT HOTELLING, ROBERT WEZO, Kalamazoo, Mich. HOUSE, BROMLEY WTAM. Cleveland, O. HOUSE, MARVIN
KBST. Big Spring, Tex. HOUSEMAN, KEN WIS, Columbia, S. C. WHLB, Virginia, Minn. HOWE, BERNARD WCOU, Lewiston, Mc. ROWELL, CLIFF HOWELL, CLIFF
KNX, Los Angeles, Calif.
HOWELL, REX
EFXJ, Grand Junction, Colo.
HOWLE, CONRAD
WMBG, Richmond, Va.
HOYT, E. M.
WHAZ, Troy, N. Y.
HEARD, MARCEL
CHRC, Quebec, Que.
HEBBARD, CECIL CHRC. Quebec, Que.
RUSBARD, CECUL
RT942, Tubsa, Okla.
H95BELL, RICHARD W.
WOXR, New York, N. Y.
HUBERT, HAL
WMBD, Peoria, III.
H1953LEY, LARRY
KMO, Tasanya, Worth RIOESLEY, LARKY
KMO, Taeoma, Wash.
Br Gres, KEN
GFAC, Calgary, Alberta, Can.
RU GRES, L. E.
WAGM, Presque Isle, Me.
HUGHES, PAUL
KTOK, Oklahoma City, Okla. HULL, "DOC" WCAZ. Carthage, Ill. HULL, HARWOOD WAPI, Birmingham, Ala. HULL, MARTHA WDZ, Tuscola, 111. HUMPIREY, EDWARD HUMPHREY, EDWARD
WJJD, Chicago, III,
HUNTER, AL
KOME, Tulsa, Okla,
HUNTER, CHARLES
WCAZ, Carthage, III,
HUNTLEY, CHET
KECA, Los Angeles, CalifKET KET HUTCHINS, J. L. KRRV. Sherman, Tex.

HOLLISTER, HERB

INCH, MERRILL KOH. Reno, Nev. INGHAM, BOB WTOL. Toledo, O. INGRAM, ARTHUR WLEU, Eric, Pa.
INGSTAD, BOB
KOVC, Valley City, N. D.
INNES, ROBERT
WJIM, Lansing, Mich. IRWIN, GEORGE
REHE, Los Angeles, Calif.
IRWIN, JAS.
WMBC, Detroit, Mich. Defroit, Mich. IRWIN, PHIL KEX. Portland, Ore. IRWIN. PHIL KGW, Port ISAAC, ROSE Portland. Orc. WJMS. Ironwood, Mich. IVAN, IGOR WMPS, Memphis, Tenn, IVES, ANICE WMCA, New York, N. Y. Every Woman's Hour.

JAY, DICK KTAT, Ft. Worth, Tex. JACKSON, FRANK KGFF, Shawner, Okla. JACKSON, GLENN WHIO, Dayton, O. JACKSON, HARRY WLW, Cincinnati, O. JACKSON, JAY WBNS, Columbus, O. JACOBS, JOHN KMON, St. Louis, Mo.
JAEGER, JOHN
WNEW, New York, N. Y.
JANNEY, ED
REGM Allymonorane N KGGM, Albi JANTA, PAUL Albuquerque, N. M. WHOM. Jersey City, N. J. JARVIS, AL KMTR, Hollywood, Calif. JARZEBOWSKI, CASIMIR WHOM, Jersey City, N. J. JAVVIES, LES WHB, Kansas City, Mo. JAVNE, FRANK WELL, Battle Creek, Mich. JENKINS, RON
WSOC. Charlotte, N. C.
JENSEN, BOB
WEMP, Milwaukee, Wise,
JENSEN, HARVEY
KUTA, Salt Lake City, Utah. KUTA, Salt Lake City, Ut JESSE, GEORGE WLAP, Lexincton, Ky, JESSEE, RANDALL KWOC, Poplar Binff, Mo. JOHNS, RUSS WNYC, New York, N. Y. JOHNSON, ARVID KVOX, Moorhead, Minu. JOHNSON, DICK KGFF, Shawnee, Okla. JOHNSON, DICK JOHNSON, DICK KGAR, Tueson, Ariz. JOHNSON, IRWIN WBNS, Columbus, O. JOHNSON, LEONARD KRBC, Abilene, Tex.
JOHNSON, WARREN
KGY, Olympia, Wash. JOHNSTON, CLINTON WFIL. Philadelphia, Pa. JOHNSTON, MARVIN E. KEXD. Nampa, Ida. JONES, CHARLES C. KOY, Phoenix, Ariz, JONES, HOWARD WIP, Philadelphia, Pa. JONES, PAUL WFLA, Tampa, Fla. JORDON, HARRY KMO, Tagoma, Wash.

JOSLYN, HENRY KGNC, Amarillo, Tex. KNX. Los Angeles, Calif, JOYNER, FRED

WHKC. Columbus, O.

— K —

KABER, RUSS KGDE. Ferrus Falls, Munn. KGDE, Ferrus Falls, Mun KALMER, BERT KMTR, Hollywood, Calif, KALUSCHE, EARLE WFAA, Dallas, Tex, KAMPE, MEL WIL, St. Louis, Missouri, KANELLOS, CHRIS WEDG, Chicago, III

WEDC. Chicago, Ill. KAON, BILL WFAA. Dallas, Tex.

KARNSTEDT, CARL
KSTP. St. Paul-Minneapolis, Minn. КАХ, ЈАСК

KGB. San Diego, Calif. KEATING, LAWRENCE KGO, San Francisco, Calif. KPO. KEECH, KELVIN

NBC. Tom Terriss. KEEFE, HOWARD WSPR. Springfield, Mass. KEES, HEWITT

KOH. Reno, Nev, KEESEE, FLOVD WBNY, Buffalo, N. Y. KELLEHER, PHIL

WQAM, Miami, Fla. KELLEY, BOB

WGAR, Cleveland, O. KELLEY, DON

Wf.S. Chicago, HI.
KELLEY, HERVEY
KSAM. Huntsville, Tex.

KSAM. HUDGSVIDE, 1933.
KELLY, JACK
WGSI, Atlanta, Ga.
KELLY, LAWRENCE
WXYZ, Detroit, Mich.
KELLY, PAT
NBC, NBC Supervisor of An-

nouncers

KEMP, EVERETT KTHS. Hot Springs. Ark KEMPER. HOWARD KBST. Big Spring. Tex.

KEMPER, LOU KYOO, Tulsa, Okla.

KENDALL, WALLACE KALB. Alexandria, La.

KENNEDEY, JOHN M. KFAC. Los Angeles, Calif.

KENNEDY, KEN
WDAY, Fargo, N. D.
KENNEDY, RAYMOND
WRUF, Gainesville, Fla.
KENNEDY, S. R.

CPCY. Charlottetown, P.E.1.

Canada. KENSKI, MICHAEL WHOM, Jersey City, N. J.

KENT, CARL WADC, Akron, O. KENT, HAROLD

WNBF. Binghamton, N. Y.
KENT, LEW
WMAZ. Macon. Ga.
KEPHART, WILLIAM

WMAQ-WENR. Chicago, Ill.

KEPNER, ARCH WQXR, New York, N. Y.

KERBY, KEITH KSFO. San Francisco, Calif. KERN, BRUCE

WTIC. Hartford, Conn.

WKY, Okla, City, Okla.

KERRIGAN, JACK WHO, Des Moines, Iowa, KILPATRICK, REID

KEHE, Los Angeles, Calif.
KIMBALL, TED
KOYL, Salt Lake City, Utah.
KIMMEL, ILAROLD

KGKO, Ft. Worth, Tex. KING, A. C. WEET, Boston, Mass.

KING, DELL WIW, Cincinnati, O. KING, EDWARD KGO, San Francisco, Calif.

KGO, San Francisco, Calif. KPO.
KING, FULTON
WSVA, Harrisonburg, Va.
KING, JEAN PAUL
NBC, Contented Hour.
KING, JOHN REID
CBS, Our Gat Sunday, Monday Night Show.
KING, MARGARET TEMPLE

WEW, St. Louis, Mo.

KING, ROGER

KOMA, Okla, City, Okla, KING, WALTER

CBS, Eddie Cantor Camel Car-

avan.
KING, WALTER
WINS, New York, N. Y.

WINS, New York, N. Y.
KINGSLEY, CHARLES
KHI'B. Watsonville, Calif,
KINZELL, JACK
KIRO, Scattle, Wash,
KIRBY, DURWARD
WMAQ-WENR, Chicago, III.
KIRBY, KLEYE
WW.C. New Orleans, La

WWL. New Orleans, La.

KIRBY, LEE WBT, Charlotte, N. C. KITTS, EDWARD WHIS, Bluefield, W. Va.

KLIMENT, ROBERT WEBR. Buffalo, N. Y.

KNAPP, ROBERT WMPS, Memphis, Tenn.

KNEASS, DON KEX. Portland, Ore. KNEASS, DON KGW, Portland, Ore.

KNIGHT, FRANK H. WOR, Newark, N. J. KNOOP, W. A. WHAZ, Troy, N. V.

KNORR, FRED

WHLS. Port Huron, Mich. KNOX, BOB WIBG. Glenside, Pa.

KOCKRITZ, EWALD KTHS, Hot Springs, Ark.

KOEPCKE, STUART KFEL. Denver, Colo.

KOESTER, TONY KFBK. Sacramento, Calif.

KOLB, HAROLD WSAY, Rochester, N. Y. KRAMER, HARRY WINS, New York, N. Y.

KRETSINGER, JACK

KGKB. Tyler, Tex. KREY, TED WTCN. St. Paul-Minneapolis. Minn.

KRUEGER, FRANK WHOM, Jersey City, N. J.

KRUG, PETER WEBR. Buffalo, N. Y. KRULEVITCH, WALTER

WHA. Madison, Wisc. KULER, FITZ KTAT, Ft. Worth, Tex.

KUYKENDALL, RADFORD KWSC, Pullman, Wash,

— L —

LABHARDT, ETHEL KGO, San Francisco, Calif.

КРО. LACY, JACK WNBC. New Britain, Conn. LADOUCEUR, GUY

WCOU. Lewiston, Mo.
LAFFEY, FREDERICK P.
WLAW. Lawrence, Mass.
LaFORCE, CHARLES
WEMP. Milwankee, Wise,
LA MAYE, LOUIS

WICC. Bridgeport, Conn. LAING, GILBERT KSRO, Santa Rosa, Calif.

LAKE, CHARLES
WKST. New Castle, Pa.
LAKE, LEONARD
KECA. Los Angeles, Calif.

LALONDE, JEAN CKAC, Montreal, Quebec, Can.

LAMB, RUSS KFJZ, Ft. Worth, Tex. LAMONTAGNE, L. CJBR. Rimouski, Que.

CHR. JURIOUSSI, QUE.
LAMPEL, HAROLD
WCBA-WSAN, Allentown, Pa.
LAMPELL, WALTER
WGES, Chicago, III.
LANCASTER, SIDNEY S.

CFRN. Edmonton, Alta. LANG, WILLIAM KYW. Philadelphia, Pa.

LANGFORD, PAUL

KMPC, Beverly Hills, Calif. LANSING, HAL WTCN, St. Paul-Minneapolis, Minn.

LARKIN, DON

LARKIN, DOWN JERSEY City, N. J. LARKIN, JIMMIE WCSC, Charleston, S. C. LATEAU, HERBERT KARK, LITHE ROCK, Ark, LATHAM, JACKSON

KXA. Seattle, Wash.
LATHAM, WAVNE HENRY
WSPR. Springfield, Mass.
LAI GIIIJN, KEN
KEOD. Analysis

KFQD. Anchorage, Alaska. LAUX, EDWARD WAAT, Jersey City, N. J. LAUX, FRANCE

KMOX, St. Louis, Mo. LAW, GLEN

KRNT-KSO. Des Moines, Ia.

KRNT-KSO. Des Moines,
LAWDER, SAM
WRTD. Richmond, Va.
LAWRENCE, DAN
KSO. Des Moines, Ia.
LAWRENCE, JERRY
WOR. Newark, N. J.
LAYMAN, CARROLL
WDWS. Champaign, Ill.
LEARNED, MAYNALL
WMFF, Plattsburg, N. Y.
LeBRUN, HARRY
WHEC. Rochester, N. Y.
LEE, JACK

WHEC. Recrester, N. Y. LEE, JACK WHAM. Rochester, N. Y. LEE, VRGINIA WOMI, Owensboro, Ky. LEEFERS, ROBERT

WMT, Cedar Rapids-Waterloo. Iowa

LE FEVRE, BOB WTCN. St. Paul-Minneapolis, Minn.

LEFEVRE, NED
WFBM. Indianapolis, Ind.
LEGARE, ED

WAYX. Waycross, Ga. LEHMANN, JAMES KOA. Denver, Colo.

LEIGHTON, BEN WMIN. St. Paul-Minneapolis, Minn. LEIN, GOODWIN KIT. Yakima, Wash. LEISURE, CLARENCE KHSL. Chico, Calif. LELLMAN, JACK
WXYZ. Detroit, Mich.
LeMIEUX, FRED WHMA. Anniston, Ala.
LE MON, MEL
KFAC. Los Angeles, Calif.
LeMOND, BOB Lemond, Bob
KEHE. Los Angeles, Calif.
LEMOND, L. R.
WPAD. Paducah, Ky.
LEONARD, JAMES
WLW. Cincinnati, O.
LEOPIZZI, A.
WPEN. Philadelphia, Pa.
Lepard, GLENDON
WOOD-WASH. Grand Rapids,
Mich. Mich LEVENSON, ROGER WCOU. Lewiston, Me. LEVINE, ALBERT WCAM. Camden, N. J. LEVITAN, SAM KDAL. Duluth, Minn. LEVITSKY, MITCHELL WHOM. Jersey City, N. J. LEVY, BARNARD WRDW. Augusta, Ga. LEWIS, ALLEN CJOC. Lethbridge, AI LEWIS, JACK Lethbridge, Alta. KARK. Little Rock, Ark. LEWIS, JOHN
WJTN. Jamestown, N. Y. LEYDEN, BILL WCFL, Chicago, III, LILES, MARDI S. WLAK, Lakeland, Fla. LINDBERG, DAVID KIT. Yakima, Wash. LINDER, L. VON WMT. Cedar Rapids-Waterloo. LINFOOT, VICTOR
WWJ. Detroit, Mich. LINK, LOUIS J. WSUN. St. Petersburg, Fla. LINN, KEN KTUL, Tulsa, Okla, LINTHICUM, WALTER WBAL Baltimore, Md.
LIVEZEY, TOM
WPEN. Philadelphia, Pa.
LLOYD, JOHN
WTHT. Hartford, Conn. LLOYD, LEON KRRV. Sherman, Texas. LLOYD, MELVYN WCOL. Columbus, O.
LOFBACK, BILL
WHLB. Virginia, Minn.
LOFFLER, GENE
KRNT. Drs Moines, Ia.
LONDON, LEW WPEN. Philadelphia, Pa. LONERGAN, VINCE WMIN. St. Paul-Minneapolis, Minn. LONG, BOB KTUL, Tulsa, Okla, LONG, DEANE S. WSAL. Salisbury, Md. LONGWELL, BOB WIBC. Indianapolis, Ind. LOUDON, GORDON KALB, Alexandria, La.

LOYEAOY, JOHN

LOVELESS, WENDELL P.

WMBI, Chicago, Ill.

Green Bay, Wisc.

WHBY.

WTAQ.

LOWERY, BYRON WQAM. Miami, Fla.
LOWREY, MEADOR
WHAS. Louisville, Ky.
LOWRY, BERTRAND KBTM. Jonesboro, Ark. LOZANO, R. KGFI. Brownsville, Tex. LUDLAM, KENNEDY WBIL. New York, N. Y. Great Americans Program. LUDLAM, KENNEDY WOV. New York, N. Y. Great Americans Program. Americans Program.
LUEDKE, CHARLES
KGVO. Missoula, Mont.
LUEDEKE, HARRY
WMBD. Peoria, Ill.
LUKINS, HARRY
WAVE. Lexington, Ky.
LUNDY, D. E.
KROY. Sacramento, Cal.
LYON, CHARLES
WMAO-WENR. Chicago. WMAQ-WENR. Chicago, Ill. LYON, ED KGGM. Albuquerque, N. M. LYON, RUSSELL. WKAR, East Lansing, Mich. LYONS, ROGER A.
WOR. Newark, N. J.
LYTEL, HARRY
WOSU, Columbus, O. — M — McADAMS, LONNIE

KWTO-KGBX, Springfield, Mo. McADEN, TOM KGIW, Alamosa, Colo. McAFEE, HARRY KGIW, Alamosa, Colo. MCALLISTER, H. J. MCALLISTER, H. J.
KGVO, Missoulla, Mont.
McALLISTER, MAC
KVI. Tacoma, Wash.
McCAIN, W. H.
WBRC, Birmingham, Ala.
McCARTIV, CHARLES F.
WHN, New York, N. Y.
McCARY, JACK
KORE, Engene, Ore.
McCARTIV, JACK
WXYZ, Detroit, Mich.
McCAI LEY, JOSEPH
WHAT, Philadelphia, Pa.
McCLAY, JOHN C.
WROK, Rockford, Hl.
McCAP, RIS IKELER
WMBL, Chicago, III.
McCORD, RIS IKELER
WMBL, Chicago, III.
McCORD, WM, J.
KFPY, Spokane, Wash,
McCORMACK, MALCOLM KCVO, Missoula, Mont. McCORMACK, MALCOLM WBZ-WBZA, Boston & Springfield, Mass. MCCORMICK, STEPHEN WOL, Washington, D. C. McCRARY, DAYID WLS, Chicago, Ill

McCULLOUGH, DAN

WIBC, Indianapolis, Indiana MCCULLOUGH, MARK WALR. Zamesville, O

WALR, Zanesville, O.
McCULLOUGH, WILLIAM
WJR. Detroil, Mich.
McCUNE, DOROTHY
KVOO, Tulsa, Okla.
McCUTCHEON, HUGH
KLPM, Minot. N. D.
McDONALD, BILL
WSFA, Montgomery, Al:

WSFA, Montgomery, Ala.
McDONALD, L. A.
CFCY, Charlottetown, P. E. I.
Chats With the Friendly Voice. McDOUGALL, DICK CKCL, Toronto, Ontario, Can.

McDOWELL, GOODLOE WLAP, Lexington, Ky.

McELROY, JACK KANS, Wichita, Kans. McENIRY, MATTHEW KLZ. Denver, Colo. McEVOY, EDWARD WSYR, Syraeuse, N. Y. McGLOGAN, FRANK KSTP, St. Paul-Minneapolis. Minn. McGRATH, JAMES WMAL-WRC, Wash., D. C. McGRAW. J. KVCV, Redding, Cal. McGREGOR, HORACE WMSD, Sheffield, Ala. McILLREVEY, HUGH JAMES
NBC, Capt, Tim Healy's Stamp
Club, Lowell Thomas. McILVAIN, HARRY WCAU, Philadelphia, Pa. McINTIRE, CHARLES WMBH, Joplin, Missouri. MeINTOSH, EZRA WWNC. Asheville, N. C. McINTYRE, FRANK KBST. Big Spring, Tex. McINTYRE, FRANK J. KTSM. El Paso, Tex. KTSM. El Paso, Tex.
McINTVRE. IIAL
KHUB. Watsonville, Cal.
McKAV. STEWART
CJCA. Edmonton. Alta.
McKEAX. EDDLE
KFH. Wichita. Kans., Uncle
Andy and Zeke.
McKEE. ROBT.
WCAE. Pittsburgh, Pa.
McKEE, TOM
WJTN. Jamestown. N. Y.
McKEXZIE, NORRIS
CJCA. Edmonton. Alta.
McKEXZIE. OTIS McKENZIE, OTIS

KTEM, Temple, Tex.

McKENZIE, RAYMOND

KFXD, Nampa, Oda, McKNIGHT, CECIL CKTB, St. Catharines, Ont. McLAHON, VERNON KGVO, Missonla, Mont. McLAY, HARRY CJRC, Winnipeg. Mar Winnipeg. Manitoba, Can. McLEAN, JOHN A. WBNY, Buffalo, N. Y. McLEAN, R. D. CHAB, Moose Jaw, Sasktach-

ewan, Can,
MeLOUGHLIN, FRANCIS
WGBI, Seranton, Pa,
McMAHON, CHARLES

WNOX, Knoxville, Tenn, McMASTER, JOHN J. WMEX. Boston, Mass.

McMILLAN, DON CKCK, Regina, Saskatchewan, Can.

MCMURRAY, EMMETT WHBQ. Memphis. Tenn. McMURTRIE, GEORGE WMSD, Sheffield, Ala. McNAMARA, DONALD KMTR. Hollywood. Cal.

McNAMEE, GRAHAM NBC. The Royal Crown Revue, The Royal Desserts Program.

McNEIL, IDA A, KGFX, Pierre, S. Dak. McNEIL, ROBERT KGFX, Pierre, S. Dak.

MeNULTY, CHARLES WDBJ, Roanoke, Va. McPHERSON, G.

WDOD, Chattanooga, Tenn. McRANEY, BOB WSGN, Birmingham, Ala.

McSWAIN, PAT WSPA, Spartanburg, S. C.

MABRY, BOB
KWOC, Poplar Bluff, Missouri,
MacCREADY, HERBERT
WES, St. Louis, Missouri,
MacDill, WILFRED
WTAD, Quincy, III,
MACDALAD, PROCESSARY, AND ADDRESSARY, AND ADDRESSARY MacDONALD, ARCH WBX-WBZA, Boston & Springfield, Mass. MacDONALD, JOHN C. WPIC, Sharon, Pa.
MacDONALD, WILLIAM E.
KENF, Shenandoah, Ia.
MacDONNELL, DANIEL MacDONNELL, DANIEL
WLAW, Lawrence, Mass.
MACK, WAYNE
WGAR, Cleveland, O.
MACKAY, DON
GJGL, Calgary, Alta.
MACKENZIE, GEORGE
WELL, Battle Greek, Mich,
MacKINNON, DOUGLAS A.
WOVD, New York, N. Y. WQXR, New York, N. Y. MacMILLAN, LOWELL WHEC, Rochester, N. Y. MACON, DON KCKN, Kansas City, Kans. MADISON, CHRISTIAN WCOU, Lewiston, Mc. MADDEN, BERT MADDEN, BERT WABY, Albany, N. Y. MADDON, RALPH WJDX, Jackson, Mississippi, MALLOW, JOHN KFPY, Spokane, Wash, MALOUIN, ROY CKAC, Montreal, Quebec, Can, MALOY, JOHN D, WLAW, Lawrence, Mass. MANCHEE, RALPH MANCHEE, RALPH
WCAP, Asbury Park, N. J.
MANN, HERBERT
WRIN, Racine, Wise,
MANN, NORMAND
KRIC, Lewiston, Ida,
MANNING, JACK
WBZ-WBZA, Boston & Springfield, Mass,
WANNS, WHILIAM
WCAM, Camiden, N. J.
MANSFIELD, LARRY WCAM, Camden, N. J.
MANSFIELD, LARRY
WKAT, Miami Beach, Fla.
MARBLE, HARRY
WCAU, Philadelphia, Pa. Monday Night at Eight. Sun-MARGET, MANNY KVOX. Moorhead, Minn. MARK, CARL WHK, Cleveland, Ohio. MARKS, GARNETT WEAF, New York, N. Y Ruppert's Relaxation Time, MARKS, HENRY WTRC, Elkhart, Ind. MARS, P. WKBZ, Muskegon, Mich. MARSH, CURTIS WDZ, Tuscola, III. MARSHALL, JOHN WKAR, East Lansing, Mich. WKAR, East Lausius, 2022 MARSHALL, RAY WHOM, Jersey City, N. J. MARSTON, GLEN KLO, Ogden, Utah MARTA, JACK WJMS, Ironwood, Mich. MARTIN, LEW KRNT, Des Moines, Ia. MARTIN, ROBERT WAAT, Jersey City, N. J. MARTIN, THOMAS WGY, Schenectady, N. Y. MARTINEAU, HOWARD N. KSEI, Pocatello, Ida. MARTINEZ, LEO KGIW, Alamosa, Colo. MARVIN, ANTHONY WNYC, New York, N. Y.

MASON, LIN WKRC, Cincinnati, O. MASON, PAUL KANS, Wichita, Kans. MASON, ROY KFBB, Great Falls, Mont. MASON, SIDNEY WWJ, Detroit, Mich. WWJ, Detroit, Mich.
MASTERSON, PAUL
KGER, Long Beach, Cal.
MATHIS, CHARLES
KELD, El Dorado, Ark.
MAWELL, TOM
WGSI, Atlanta, Georgia.
MAY, HERB
KNX, Los Angeles, Cal.
MAYNARD, JACK
KBST, Big Spring, Tex.
MAVORAL, R.
WPRP, Ponce, Puerto Rico.
MEEKER, KENNETH
WARD, Brooklyn, N. Y.
MEHRLING, WALDEMAR
WIRE, Indianapolis, Ind.
MEREDITH, LEE CARL MEREDITH, LEE CARL WOMI, Owensboro, Ky. WOMT, Owensboro, Ky.

MERRIDEW, REG
WKOK, Sunbury, Pa.

MERTENS, PETER
KIRO, Seattle, Wash.

METZ, STUART
NBC, Pepper Young's Family,
Read of Life. MICHAELS, RAYMOND WIW, Cincinnati, O.
MICHEL, AL
WTAQ. Green Bay, Wisconsin MIDDLETON, W. S. WDWR, Champaign, Ill.
MILBURN, EMERY
KWLK, Longview, Wash.
MILBURN, JESSE KRLD, Dallas, Tex.
MILDER, NATE
WALR, Zanesville, O. WOL, Ames, Ia. MILLER, CHARLES KFAB, Lincoln, Nebraska, MILLER, CHAS, "CHUCK" KFOR, Lincoln, Nebraska, MILLER, DAVE WMCA, New York, N. Y. MILLER, DeWITT CKNX. Wingham, Ontario, MILLER, HAL WHEB. Portsmouth, New Hampshire. MILLER, LEROY
KYW. Philadelphia, Pa. MILLER, LEROY NBC, Campus Capers, NBC, Campus Capers,
MILLER, MARSHALL,
WNAD, ORGA,
MILLER, WARREN
WCLE, Cleveland, O.
MILLS, FRANK
KGKO, FL, Worth, Tex. MILLS, GORDON KGFR, Long Beach, Cal. MINGUS, BRO

KRBC, Abilene, Tex.

MINUM, JAMES

WALE, Zanesville, O. MIOTTEL, ELTON WRJN. Racine, Wisc. MISHLER, BILL WWJ, Detroit, Mich. WWW. Detron.
MITCELL, J. B.
CKTB. St. Catherines, Ont.
MITCHELL, EVERETT
Wortional Farm a NBC. Natio National Farm and MITCHELL, EVERETT
WMAQ-WENR, Chicago, III.
MITCHELL, FRANKLIN C.
WJR. Detroit, Mich. MITCHELL, HUBERT KBTM. Jonesboro. Ark.

MITCHELL, JACK KVOO, Tulsa, Okla. KVOO, Tulsa, OKIa, MITCHELL, JACK WRR, Dallas, Tex. MOAN, HAROLD KJR, Seattle, Wash. MOAN, HAROLD KOMO, Scattle, Wash. KJR, Seattle, Wash.

MOAN, HAROLD

KOMO, Seattle, Wash.

MOSERSKI, STAN

WPEN, Philadelphia, Pa.

MOEGLE, FRED

WTMV, East St. Louis, Ill.

MOES, TONY

KTRI. Sioux City, Iowa.

MOFFATT, MURRAY

KNOW, Austin, Tex.

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CFAC, Calcary, Alberta, Ca CFAC, Calcary, Alberta, Can. STEWART, PHII, NBC, Lady Esther Serenade. STEWART, TOM WSM, Nashville, Tenn. STILES, PAUL WNBH, New Bedford, Mass. STINSON, JOHN WJR, Detroit, Mich. STONE, AL KWTO-KGBX, Spi Springfield, STONE, CHARLES M. WMBR. Jacksonville, Fla.
STONE, DAVID
WSM, Nashville, Tenn.
STONE, HERBERT WNYC, New York, N. Y.

STONEMAN, JOHN WJW, Akron, O. STORM, JOY NBC. How to be Charming. Harriet Parsons, Elza Schal-STORM, MICHAEL STORM, MICHAEL
NBC. Fitch Program.
STOUGH, RAY
KRMC, Jamestown, N. D.
STRATTON, ALAN
WBIL, New York, N. Y.
"Tango Cabaret." "Stars In
the Making." the Making."
STRATTON, ALAN
WOV, New York, N. Y.
"Tango Cabaret." "Stars In
the Making." the Making."

STRAUSS, WILLIAM D.
WOXR, New York, N. Y.
STROMWALL, HAROLD
KFAM, St. Cloud, Minn.

STROW, WALTER
WRR, Dallas, Tex.
STEART, ALAN
WMOA, New York, N. Y.
SUMMERVILLE, R. P.
WHAZ, Troy, N. Y.
SUTHERLAND, BILL
KDKA, Piltsburgh, Pa.
SUTHERLAND, GEORGE SUTHERLAND, GEORGE WMEX. Boston, Mass. SUTHERLAND, SAM WISN, Milwaukee, Wise, SUTTERFIELD, PHIL WCSC, Charleston, S. C. SUTTON, W. CFRN, Edmonton, Alta. CFRN, Edmonton, Atta.
SEVEHLA, WALTER
WOAM, Miami, Fla.
SWAN, ROBERT W.
KFAC, Los Angeles, Cal.
SWANSON, J. HERBERT WIB. Minneapolis, Minn. SWARTZ, RAYMOND KPPC, Pasadena, Cal. SWEENEY, BUDD WHKC, Columbus, O. SWEENY, FLORENCE CKCK, Reging, Saskatchewan, SWEENEY, J. WARREN WJSV, Washington, D. C. SWEET, EDGAR E. WFBG, Altoona, Pa. WF164, AROOM, 173.
SWIMELAR, PAUL
WNLC, New London, Conn.
SWINEFORD, JACK
WKY, Okla. City, Okla.
SWINK, CHARLES
WHIO, Dayton, O. SWITZER, MACK KOA, Denver, Colo.

— T —

TABER, BILL
WAAW, Omaha, Nebraska,
TACY, ELWIN
WSPR, Sprinefield, Mass,
TAFOYA, HENRY, JR.
KGGM, Albuquerque, N. M.
TAFT, MAHLON
KGY, Olympia, Wash,
TALLEY, BILL MASON
KUMA, Yuma, Ariz,
TAPLEY, S. E.
CJCS, Strafford, Ontario, Can,
TAYLOR, CLAUDE
WEED, Roeky Mount, N. C.
TAYLOR, J. LENARD
WKST, New Castle, Pa.
TAYLOR, SAMMY
KWJJ, Portland, Ore.

KFQD, Anchorage, Alaska. KFQD, Anchorage, Alaska TEMPLE, BROOKE WHN, New York, N. Y. TEMPLE, FRED WBAL, Baltimore, Md. TERRY, BILL WSGN, Brimingham, Ala. TERRY, PAUL KMBC, Kansas City, Mo. TERWEY, TYS WNOX, Knoxville, Tenn. TESSMANN, ABBOTT KGO, San Francisco, (KGO. San Francisco. KPO.
THATCHER, JACK
Obmobia, Wash. KPO KGY, Olympia, Wa THOMAS, BERNARD THOMAS, BERNARD

KGGM, Abuquerque, N. M.

THOMAS, GEORGE

WCAU, Philadelphia, Pa.

THOMAS, GORDON

KGLO, Mason City, Ja.

THOMAS, GRANT

WKST, New Castle, Pa.

THOMAS, J. A.

WCOA, Pensacola, Fla.

THOMAS, JACK

KOVC, Valley City, N. D.

THOMAS, JM

WWL, New Orleans, Louisiana. ann.
THOMAS, JOHN
KGIW, Alamosa, Colo.
THOMAS, LARRY
WIBG, Glenside, Pa.
THOMAS, W. M.
KGIW, Alamosa, Golo.
THOMAS, WILLIAM L.
WVA, Wheeling, W. Vieginia.
THOMINSON, BOB
KEX, Portland, Oregon. KEX, Portland, Oregon. THOMLINSON, BOB KGW. Portland, Oregon.
THOMPSON, ALLEN
WMAQ-WENR, Chicago, III. WMAQ-WENK, CHARLE THOMPSON, BILL KWVQ, Sheridan, Wyo. THOMPSON, HAL WFAA, Dallas, Tex.
THOMPSON, JACK
CKCL, Toronto, Ontario, Can. THOMPSON, J. C.
CJRC, Winnipeg, Manitoba. Can. Can.
THOMPSON, MAURICE
WJDX, Jackson, Mississippi,
THOMPSON, REO THOMPSON, RED
CJCA, Edmonton, Alta,
THOMPSON, VERL K.
WMAQ-WENB, Chicago, Ill,
THORESON, AL
KGKB, Tyler, Tex.
THORNE, GEORGE
KGGM, Albuquerque, N. M.
THORNTON, KOBERT
KGFI, Brownsville, Tex. THORNTON, ROBERT
KGFI, Brownsville, Tex.
THORP, JOHN
KYW. Philadelphia, Pa.
THORSTEINSON, A. L.
CFAR. Flin Flon, Man.
TICE, OLIN
WDNC, Durham, N. C.
TIOWELL, EDGAR
KCP, San Phigra Col. KGB. San Diego. Cal.
TIFFIN. WILBUR
CKNX. Wingham, Ontarlo. Can TIGNER, CHARLES KSAM, Huntsville, Tex. TILDEN, FREDA
KGY, Olympia, Wash.
TILLMAN, JOHN
WHAS, Louisville, Ky. TOBIN, JOHN KFBK, Sacramento, Cal. TOBIN, M. E. KABR, Aberdeen, S. Dak, '

TEELAND, WALTER

TEDDIJE, PETE WRR. Dallas, Tex.

TOBOLA, JOHN J. WAYX, Wayeross, Georgia. WAYX, Wayeross, Georgia TODD, JACK KANS, Wichita, Kans. TODD, JAMES L. KOMA, Okla. City, Okla. TOLMAN, CLARENCE EX. Portland, Oregon. TOLMAN, CLARENCE
KGW, Portland, Oregon.
TONGE, BOB
KTSA, San Antonio, Tex.
TOOLE, KEMP
Filb, Great Falls, Mont TOPINKA, RUDY WSAU, Wansau, Wise. WSAU. TOSI, VINCENT TOSI, VINCENT
WOOP, Boston, Mass,
TRACE, GENE
WLW, Cinemnati, O.
TRAER, DAVE
WGAU, Athens, Ga.
TRAUM, BILL
WROK, Rockford, UL. TRAYLOR, BILL TRAVNOR, MARTIN WMFF. Platisburg, N. Y. TREDWAY, BILL RTRI, Sioux City, Iowa. TREGILLUS, DICK CEAC, Calgary, Alberta, Can. TREMBLE, SIDNEY B.
KSAL, Salina, Kans.
TROUT, ROBERT Professor Quiz. CBS. Commentator "Today" Head-Commentator "Today" Head-lines and Bylines, CES.
TUCKER, RALPH
WBOW, Terre Haute, Ind.
TUPPER, HOWARD
WGY, Scheneclady, N. Y.
TURNER, CLAUDE
KGCU, Mandan, N. Dakota.
TURNER, GEORGE
WCAP, Ashury Park, N. J.
TURNER, HARRY
KOBII, Rapid City, S. D.
TURNER, NANCY
WMCA, New York, N. Y
Around Town with Nancy
Turner. Turner TUTT, BOB

KROY, Sacramento, Cal.
TUTTLE, DOROTHY
WKZO, Kalamazoo, Mich.
TUTTLE, WILSON M.
WOR, Newark N. J.
TWYMAN, HARVEY
WAAW, Omaha, Nebraska.
TYLER, NOAH
WIOD, Miami, Fla. TUTT, BOB

— U –

UEBELHART, JIM

USBELHART, JIM
WSPD, Toledo, O,
ULMER, ROCH
RTUL, Tulsa, Okla,
UNBACH, ROBERT
WFIC, Greenville, S. C.
UPSON, PAUL
WTRC, Elkhart, Ind.
USHER, ROY
CERN, Edwonton, Alfa. CFRN, Edmonton, Alta. UTTAL, FRED CBS. Paul Whiteman Program.

- V -

VAILE, DAVID KYA, San Francisco, Cal. VALENTINE, LEW WOAJ, San Antonio, Tex. VALENTINE, RANCE WTAM, Cleveland, O. VALLEN, RAY WIOD, Miami, Fla.

VAN CAMP, BOB WSJS, Winston-Salem, N. C. VANCE, KENNETH WGCM, Mississippi City, Mississippi. VAN HORN, ARTHUR. KFRC, San Francisco, Cal. VANN, ED WCOA, Pensacola, Fla. VAN SANDT, JOE VAN SANDT, JOE WMSD, Shedlield, Ala. VAN SANT, JOHN T, WCBA-WSAN, Allentown, Pa. VAN VOORHIS, WESTBROOK NBC, The March of Time. VAUGHN, ROBERT KIT. Yakima. Wash. VEDDER, CHESTER WGY, Scheneetady, N. Y. VERBA, GILBERT KOA, Denver, Colo, VERNON, CONRAD, JR. KTEM, Temple, Tex. VICKERS, LEE E, WJSV, Wash., D. C. VIDAL, R. QUINONES WNEL. San Juan, Puerto VIKTOR, ERWIN WJJD, Chicago, III, VINCENT, PAUL WMBG, Richmond, Virginia. WMBG, Richns VINEY, HENRY Lethbridge, Alta. CJOC. VOGELMAN, ROY
WHA, Madison, Wise,
VON EGGER, HAROLD
KLPT, Paris, Tex. VON EGIDY, BARON KMPC. Beverly Hills, Cal. VON ROTH, ROGER WAIR. Winston-Salem, N. C. VON ZELL. HARRY VON ZEIGL, BARNEN HALL Tonigh NBC, Town Hall Tonigh VOSS, BILL WOU, Davenport, Ia. VOSSE, FRED WMPS, Memphis, Tenn-VRZAL, KARL WEDU, Chicago, III. Town Hall Tonight.

__ W__

WADE, FRED WTIC, Bartford, Comi, WADE, OZZIE WNBN, Springfield, Vt. WAGER, A. K. WBER, Brooklyn, N. Y. WAGNER, HAL WESG, Elmira, N. Y. WAGNER, JACK KHUB, Watsonville, Cal. WAULRERG, JOEL F. W.VIII.BERG, JOEL F. WGH, Newport News, Va. WAKEMAN, TONY WOL. Washington, D. C. WALDEN, PAUL KRLC, Lewiston, Ida, KRLC, Lewiston, Ida,
WALDROP, JAMES
WSPA, Spartanburg, S. C.
WILDROP, KORERT
NBC, John's Other Wife,
Spelling Bee,
WALKER, BILL
WHLB, Virginia, Minn.
WALKER, G. E.
CHAB, Moose Jaw, Saskatchewan, Can.
WALACE C. H.

WALLACE, C. H. KSAM, Huntsville, Tex. WALLACE, GUY WHK, Cleveland, O.

WALLACE, WILLIAM KOVC, Valley City, N. D. WALLACE, WILLIAM C. WCOL, Columbus, O. WALSH, GEORGE

WHAS, Louisville, Ky. WALTMAN, LA VELL KFAM, St. Cloud, Minn.

WALRATH, WALTER W. WALEATH, WALTER W. WICA, Ashrabula, O. WALTON, HUGH WCAU, Philadelphia, Pa. WALTON, JAMES WRUE, Gainesville, Fla. WALTON, SIDNEY WOR, Newark, N. J. WANNAMAKER, ALLEN WCZIM, WILLEN

WGTM, Wilson, N. C. WARD, GEORGE

NYC, New York, N. Y. WARD, PERRY WRY, Okla, City, Okla,

WARNER, HUB KGDE, Fergus Falls, Minn.

WARREN, CARLTON A. WOR, Newark, N. J.

WARREN, CHARLES WCOL, Columbus, O. WARREN, ELLEN

KSAC, Manhattan, Kans, WARREN, GERRY

WMBH, Joplin. Missouri. WARWICK, STANLEY KWSC, Pullman, Wash. WATKINS, DICK

KRGV, Weslaco, Tex. WATKINS, WAT

WAAT, Jersey City, N. J.

WATSON, BOB KGNC, Amarillo, Tex, WATSON, BROOKS WMBD, Proria, III

WATSON, STEWART WGPC, Albany, Georgia, WATSON, WILLIAM KRGV, Weslaco, Tex.

WATKINS, WILLIAM

WSNJ, Bridgeton, N. J. WAUGH, IRVING WGH, Newport News, Va.

WEATHERWAN, BEN K. KXRO, Aberdeen, Wash,

WEAVER, PHILLIP KFAB, Lincoln, Nebraska,

WEAVER, PHILLIP KFOR, Lincoln, Nebraska, WEAVER, ROBYN

WOC. Davenport, Ia.

WEBBE, TED WINS, New York, N. Y. WEBBER, FRED

WFIL. Philadelphia, Pa. WEBBER, KEN KCMO, Kansas City, Mo.

WEBER, JOHN PAUL WIP. Philadelphia, Pa.

WEBSTER, REX KEYO, Lubbock, Tex. WEBSTER, MAURICE ELTON

CBS. Scattergood Baines, The Catalina Islander, Yours Sin-cerely, Your Witness, Life of the Party, Captain Bob's Brainteasers.

WEEKS, EDWIN W. KABR, Aberdeen, S. Dak, WEEKS, JOE WJR. Detroit, Mich.

WEGMAN, ED WSAY, Rochester, N. Y. WEIMER, ORVILL WAAW, Omaha, Nebraska,

WEINGARTH, FRED WDAF, Kansas City, Mo.

WEIR, JOSIE

KFBB, Great Falls, Mont. WEIST, DWIGHT NBC, Pall Mall, Around New York.

KALB, Alexandria, La.

WELCH, HERBERT WBNS, Columbus, O. WELCH, IRV

682

WELCH, MILLER WLAP, Lexington, Ky. WELDON, MARTIN

WINS, New York, N. Y. WELLING, FRANK WCHS, Charleston, W. Va.

WELLS, B. (MISS) CHAB. Moose Jaw, Saskatchewan, Can.

WELLS, W. V. CHAB. Moose Jaw, Saskatche wan, Can.

WENDELL, BRUCE WNEW, New York, N. Y.

WENTS, JACK WTBO, Cumberland, Md.

WESLEY, MILO KEHE, Los Angeles, Cal.

WESLMORELAND, LLOYD CKCK, Regma, Saskatchewan,

WETZEL, EARLE HOMER WCBA-WSAN, Allentown, Pa. WHEELER, ANTHONY K. WNBF, Binghamton, N. Y.

WHEELER, GEORGE WMAL - WRC, Washington, D. C.

WHISENANT, A. D. KRBC, Abilene, Tex.

WHITE, DON KXRO, Aberdeen, Wash.

WHITE, G. G. CFGP, Grand Prairie, Alberta, Can

WHITE, ROBERT E. WBZ-WBZA, Boston & Springfield, Mass.

WHITE, W. CJCJ. Calgary, Alta.

WHITESIDE, ARTHUR L. WOR, Newark, N. J.

WHITNEY, GALE KECA, Los Angeles, Cal. KFT.

WICHMANN, W. P. WLBL, Stevens Point, Wise. WICK, BERT

KDLR. Devils Lake, N. D. WICKERSHAM, HARRY H. KJBS, San Francisco, Cal.

WIGGINS, WALLACE S. KVOE, Santa Ana, Cal. WIGGINTON, WILLIAM

WMIN, St. Paul-Minneapolis, Minn.

WILBUR, BEN WFBM, Indianapolis, Ind. WILBUR, BOB WSUN, St. Petersburg, Fla.

WILCOX, HARLOW

Fibber McGee and NRC Molly. WILCOX, HARLOW

WMAQ-WENR, Chicago, IR. WILCURT, ARLAN WAYX, Wayeross, Georgia.

WILDE, RUSSELL WABY, Albany, N. Y. WILHELM, GEORGIA

KWJJ, Portland, Ore.

WILKINSON, BETTY WHMA, Anniston, Ala.

WILDINSON, LORNEY WTAQ, Green Bay, Wise.

WILKINSON, LORNEY WHBY, Green Bay, Wise.

WILL, BOB WDZ, Tuscola, Ill. WILLARD, RICHARD C.

WOR, Newark, N. J. WILLIAMS, ALUN WMCA, New York, N. Y. WILLIAMS, EARL KFAB, Lincoln, Nebraska WILLIAMS, EARL

KFOR, Lincoln, Nebraska, WILLIAMS, FOSTER WINS, New York, N. Y.

WILLIAMS, GLENN WESG, Elmira, N. Y.

WILLIAMS, JACK KOY, Phoenix, Ariz.

WILLIAMS, MEL KSAN, San Francisco, Cal. WILLIAMS, PAUL

KOCY, Oklahoma City, Okla WILLIAMS, WALLY

WEED, Rocky Mount, N. C. WILLIAMSON, WARREN

KFKA, Greeley, Colo.

WILLIS, ED WLAP, Lexington, Ky.

WILLIS, DICK WNBZ, Saranae Lake, N. Y. WILLS, CRAIG

KEUB, Price, Utah. WILLS, HARRY

WJMS, Ironwood, Mich.

WILLS, PAUL WTMV, East St. Louis, III. WILSON, CARL

KELD, El Dorado, Arkausas. WILSON, DON

NBC, Jello Program.
WH.SON, EDWARD
KFBB, Great Falls, Mont.

WILSON, E. J., WTAD, Quincy, Ill.

WILSON, ELVAN B. WIJAK, Lakeland, Florida, WILSON, GEORGE EARLE

KWTO-KGBX, Springfield, Mo-WILSON, HAL WGTM, Wilson, N. C.

WILSON, JACK WNAD, Norman, Okla.

WILSON, R. B. WADC, Akron, Ohio, WILSON, WAYNE

WNAD, Norman, Oklac. WILSON, WILLIS
KGFI, Brownsville, Texas.

WINDSOR, WALTER WTOL, Toledo, Ohio.

WINN, WILLIAM WRAK, Williamsport, Pa. WINNE, BILL

NBC. Swingtime Trio. WINNE, WILLIAM WABY, Albany, N. Y.

WINTER, FREDERICK WFBM, Indianapolis, Ind.

WINTERS, EMERSON WJTM, Jamestown, New York.

WINTERS, RAY L. WOR, Newark, N. J. WISE, RUSSELL.

WTAM, Cleveland, Ohio, WITANOWSKI, EDWARD

WHOM, Jersey City, N. J. WITHERS, LOU KECA, Los Angeles, Cal. KFI

WITMER, WEBB WDAF, Kansas City, Mo. WOLEVER. JACK

KTHS, Hot Springs, Ark. WOLE, HAL

KJR, Seattle, Washington. WOLF. HAL

KOMO, Scattle, Washington. WOLF, JOHN ALLEN CBS, Farm News, Kate Smith Show.

WOLFE, HOWARD WMMN, Fairmont, W. Va. WOOD, BARRY CKCK, Regina, Saskatchewan,

Can. WOOD, FRED WSNJ, Bridgeton, N. J.

WOOD, HARRY KYW, Philadelphia, Pa. WOOD, SALLY

KGDE. Fergus Fall, Minn. WOODARD, HOWARD E. WTMV, East St. Louis, 111.

WOODARD, TED R. WMFO, Decatur, Alabama.

WOODBRIDGE, ROSS WHEC. Rochester, New York. WOODWARD, LEROY

WOMI, Owensboro, Ky.

WOODWORTH, V. C. KVCV, Redding, Calif. WOOLF, JOHN KLO, Ogden, Utah.

WOOLFRIES, A. G. WOL Ames, Ia.

WORMAN, THERESE WMIII, Chicago, 10. WRIGHT, BRYAN

KOH, Reno, Nev.

WRIGHT, CHARLES WELL, New Hayen, Conn. WRIGHT, DON CJRM, Regina, Sask.

WRIGHT, MEL WMAS, Springfield, Mass,

WRIGHT, WILL
KTF1, Twin Falls, Ida.

WYATT, JACK WCPO, Cincinnati, Ohio.

WYGOD, EVA WHOM, Jersey City, N. J. WYLY, RUSSELL T.

KGKO. Fort Worth, Texas.

WYNNE, FLOYD KLPM, Minot, N. D.

WYNNE, RICHARD KYA, San Francisco, Calif.

__ Y __

YERIAN, J. O. WBNS, Columbus, Ohio. YERXA, HAROLD

CJRM, Regina, Sask. YOUNG, BOB

KGVO. Missoula, Mont. YOUNG, DAVID R. KGB, San Diego, Calif.

YOUNG, FRANK WOL, Washington, D. C.

VOUNG, JAMES W. WIS. Columbia, S. C. YOUNGBLOOD, WESLEY

KFYO, Lubbock, Texas. YOUNGREN, FRANCES WMBI, Chicago, III.

YOUSE, ROBERT WDBJ, Roanoke, Va.

__ Z _

ZEIGIN, JACK WTOL, Toledo, Ohio ZERGA, STEPHEN WEAN, Providence, R. I. ZIMMERMAN, CARL WEMP, Milwaukee, Wisc. ZIMMERMAN, DAVID WMAQ-WENR, Chicago, Ill. ZUPAN, FRANCIS WBLY, Lima, Ohio.

KNOX MANNING

CBS West Coast Commentator

2nd Year Euclid Candy

Paul Jones Cigarettes North American Accident Ins. Co.

Wrote Commentations and also acted as Commentator on "The Flying Irishman" RKO picture.

Columbia Management Hollywood

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THE 1940

RADIO

ANNUAL

IS NOW IN

PREPARATION

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News Commentators



AND THEIR WORK **DURING 1938**





- A -ABBOTT, JUDITH WNEW, New York, N. Y. ABELOFF, IRVIN WRVA, Richmond, Va. ACKERLEY, ROBERT KGO, San Francisco, Calif. KPO ADAMS, CEDRIC WCCO, Minneapolis-St. Paul. ADAMS, CLARENCE KBTM, Jonesboro, Ark, ADAMS, WARD WRVA, Richmond, Va. ADONIS, HAROLD
WHOM, Jersey City, N. J.
ALDERMAN, JAMES
WEAA, Dallas, Texas,
ALLEN, REGINALD
WHT, Charlotte, N. C.
ALLEN, SHANNON
NBC, Education in the News,
ALLEN, SPENCER
KTAT, FL. Worth, Texas,
ALEXANDER, BORIS, COL.
WMC, Memphis, Tenn ADONIS, HAROLD WMC. Memphis, Tenn. AMES, EDWARD C. WSPD, Toledo, Ohio. AMOO, LLOVD KRMC, Jamestown, N. D. ANDERSEN, ROBERT KGO, San Francisco, Calif. KPO. ANDERSON, BOB WJHL, Johnson City, Tenn. ANDERSON, FRANK MEHERSUN, FRANK KEHE, Los Aureles, Calif. ARDEN, ROBERT WATL, Atlanta, Ga. AVOOB, KU WABI, Bangor, Me.

— B -

BACK, J. GUNNAR

WJNO, West Palm Beach, Florida, BANKER, FRED BARTLETT, FORREST Long KGER. Beach, California. BARRETT, LAWRENCE WAYX, Wayeross, Georgia. BATES, BILL KWOC. Poplar Bluff, Mis-

BATEY, HUBERT WGPC, Albany, Georgia, BATH, GOMER WMBD, Peoria, 111, BAUKHAGE, H. R.

NBC, Natio Home Hour. National Farm and WMAL - WRC, Washington,

BAULU, MARCEL CKAC, Montreal, Quebee, Can, BANTER, LIONEL

WAPI, Birmingham, Ala.

BEAL, BILL KDKA, Pittsburgh, Pa. BECKER, BOB NRC

BEBE, WALLACE
KIT, Yakima, Washington,
BEHRMAN, W. W.
WBOW, Terre Haute, Ind.

WBOW, Terre Haute, Ind.
BELL, DON
WFLA, Tampa, Florida.
BELL, TED
KRSC, Scattle, Wash.
BELL, VICTOR
KUTA, Sait Lake City, Utah,
BENDER, LEONA
WOAL, San Antonio, Texas.
BENNETT, DONN
WBNF, Binghaniton, N. Y.
BENNETT, JOHN
KHUB, Watsonville, Calif.
BENTLEY, JULIAN
WLS, Chicago, Ill.

WLS, Chicago, III. BENTLEY, MAX

Texas. KRBC, Abilene. BERKOWITZ, MILT
WNBC, New Britain, Conn.
BERLIZA, RAFAEL WNEL, San Juan. Puerto

Rico. BERNSTEIN, M. BERNSTEIN, M.
WMBC, Detroit, Mich.
BERRY, JACK
WORL, Boston, Moss,
BENOFF, BEN
WKY, Oklahoma City, Okla.
BINGHAM, BOB
WWNT, Asheville, N. C.
BINGHAM, DRAKE
RTUL, Tilsa, Okla.
BINKIN, SYL
WEW, St. Louis, Missouri.

WEW, St. Louis, Missouri, BISHOP, PAT KECA, Los Angeles, Cal.

BJORNSON, VAL
KSTP. St. Paul-Minneapolis, Minn.

BLACKWELL, BURT WAVE, Louisville, Ky, BOGARTE, HOWARD

BOGARTE, HOWARD

KRLD, Dallas, Texas,
BOREE, VIC

KTRL Sioux City, Iowa,
BOSTWICK, ARTHUR

WQDM, St. Albana, Vermont,
BOYER, JOHN

KTSA, San Antonio, Texas,

BOYLE, HARRY J. CKNX, Wingham, Ontario,

BRADLEY, DR. PRESTON WBBM, Chicago, III, BRADNER, C. C. WWJ, Detroit, Mich.

BRAILES, LUTHER KSAL, Salma, Kans, BRANT, ROY WCCO, Minneapolis-St. Paul,

Minn.

BROOKS, RICHARD WNEW, New York, N. Y. BROOKS, RUSSELL WORC, Worcester, Mass. BROPHY, ALLEN WROK, Rockford, III. BROWN, BILL KWTO-KGBX, Springfield, Mo. KWTO-KGBX, Springfield, Mo. BRYANT, PRESSLEY WBAP, Ft. Worth, Texas. BUNTING, J. WHITNEY WELI, New Haven, Conn. BURGENI, EDWARD WNBZ, Saranae Lake, N. Y. BURMAN, NED KGDM, Stockton, Calif. BURROUGHS, EDMOND WICC, Bridgeport, Conn. Yale News

News.
BURT, MARION
WGAU, Athens, Ga.
BUSFIELD, ROGER
KNOW. Austin, Texas,
BUTTERWORTH, WALLACE
NBC, Radio Newsreel, V BYRON, JAMES A. WBAP. Ft. Worth, Texas.

- C -

CABINESS, TRAVIS KRMD, Shreveport, La.
CAINE, CONWAY
WOPI, Bristol, Tenn.
CALDWELL, DR. ORESTES H. NBC, New York on Parade. CALLAHAN, RALPH CALLAMIAN, RALPH
WHMA, Anniston, Ala.
CAPOZUCCHI, JAMES
WISHL, New York,
CAPOZUCCHI, JAMES
WOV, New York,
CARLEY, JACK
WMC, Memphis, Tenn,
CARLEGGE, DATE WMC. Mempins, Jenn. CARNEGIE, DALE NBC. How to Win Friends and Influence People. CARRIER, G. CKBL Prince Albert, Sask. CARROLL, JIM

KWYO, Sheridan, Wyo.

CARTER, BOB

WNEW, New York, N.

CAUTHEN, JOHN York, N. Y. WIS, Columbia, CHAPMAN, JAMES KSAC, Manhatian, Kans.

CHAPPELL, ERNEST MBS. Headlines, Show of the Week. CLARK, JOE, MISS

WRDW, Augusta, Georgia, CLOVER, ROB KVCV, Redding, Calif. CLUFF, E. CURTIS WGH, Newport News, Va. COBB. WILTON WMAZ, Macon, Georgia.

COLE, GRADY WBT, Charlotte, N. C. COLLINS, JUD WSGN, Birmingham, Ala.

COLON, ROYCE KRED, Dadlas, Text COMBS, JR., GEORGE HAMILTON WHN, New York, N COMPTON, WALTER Texas. N. Y. WOL, Washington, D. C. CONNELLY, JOHN WCBS, Springfield, 1 CONNOLLY, VINCENT 111 WOR, Newark, N. J. CONWAY, JOSEPH WMIN, St. Paul-Minneapolis, Mum. COOKE, ALISTAIR NBC.
COOK, C. D.
KFYO, Lubbock, Texas.
COOLEY, J. B.
KLPM, Minot, N. D.
COOPER, JIM
WBNS. Columbus, Ohio.
GREELAND, LACK. COPELAND, JACK KOV, Phoenix, Ariz, CORBIN, PAUL CORBIN, PAUL
KELA, Betw. Centralia and
Chehalis, Wash.
CORCORAN, JOHN
WPEN, Philadelphia, Pa.
CORRIS, ALLVN
WRDW, Augusta, Georgia.
COURSEY, ALEX
WQDM. St. Albans, Vermont.
CRAFT, A. B.
KVOL, Lafavette, Louisiana. KVOL Lafayette. Louisiana. CRAWFORD, SAMUEL L. KGY, Olympia, Wash. CRAWFORD, VERNON WFIL Philadelphia, Pa. CREASMAN, JAMES KTAR, Phoenix, Ariz. CROSLAND, DAN WFBC, Greenville, CROWELL, GEORGE S. C. WORL. Boston, Mass. CRUM, JAY KOME. Tulsa, Okla. CUBBERLY, DAN KGY, Olympia, Wash, CULL, DICK WHIO, Dayton, Ohio, CULLINAN, HOWELL

— D —

WEEL, Boston, Mass. CURTIS, JAMES R. KFRO, Longview, Texas.

DADY, RAY KWK, St. Lonis, Missouri, DAILEY, BOB WTAM, Cleveland, Ohio. DALEY, DON
WABI, Bangor, Me.
DAVENPORT, JAMES WRDW, Augusta, Georgia, DAVIES, BOB KARM, Fresno, California. DAVIS, GEOFF
CJOR, Vancouver, B. C.
DAVIS, JERRY WCAP, Asbury Park, N. J. DAVIS, LANE KWTO-KGBX, Springfield, Mo. DAVIS, REX
WCKY, Cincinnati, Ohio.
DEAN, STEWART

KOMA, Okla, City, Okla, DE LASAUX, HARRY

KVCV, Redding, Calif, DES AUTELS, VAN KTSM, El Paso, Texas. DE WEESE, TEX KPDN, Pampa, Texas.

DICKSON, A. STUART CFCY, Charlottetown, P.E.I., Canada.

DILLAHUNTY, THOMAS KCMC, Texarkanna, Texas.

DILLON, JOHN KVOR, Cole Colorado Surings. Colo. DIXON, KENNETH KWEW, Hobbs, New Mexico, DIXON, MASON WFBC, Greenville, S. C. DONNELL, DARRELL KFRC, San Francisco, Calif. DORSEY, HOWARD WMBD, Peoria, 111. DOUGHERTY, J. T.

DOUGHERTY, J. T.
WOPI, Bristol, Tenn.
DOVLE, HARRY
KSAN, San Francisco, Cal.
BRAKE, MYRON
KTAR, Phoenix, Ariz.
BRISCOLL, DAVE
WOR, Newark, N. J.
BUKESMIRE, WILLIAM

DUKESHIRE, WILLIAM WICC, Bridseport, Conn. DUNN, JACK WDAY, Farro, N. D.

DUTTON, EVERALL CJRC, Winniper, Manitoba, Canada.

— E -EASTMAN, ROBERT

Oklahoma City, Okla.

EDWOODS, PRINCE L.
WPEN, Philadelphia, Pa.
ELLIOTT, LARRY CBS. Headlines and Bylines.
ENGLISH, RAY
WNBZ. Sarange Lake, N. Y.
EPSTEIN, BEINISH
WBBC, Brooklyn, N. Y.
EUBANKS, BLAIR
WCHS, Charleston, W. Va.
EVANS, BOB
KYRO, Abordeon, Wash

KXRO, Aberdeen, Wash. EVANS, FLEM WCHS, Charleston, W. Va. EVANS, JOE

KWTO-KGBX, Springfield, Mo.

_ F -

FALK, EDDIE KABR, Aberdeen, S. Dak. FAULKNER, DICK WAPI, Birmingham, Ala. CHAUNCEY WMT, Cedar Rapid-Waterloo, FELLOWS, BARTON
WMCA, New York, N. Y.
FERRI, GAETANO

WBIL, New York, N. Y. WBIL, Acw York, N. Y FERRI, GAETANO WOV, New York, N. Y. FIDLER, JIMMIE NBC, Hollywood Gossip. CBS, Hollywood Gossip. FINCH, DURWOOD

FINCH. DURWOOD
WNBF, Binghamton, N. Y.
FISCHER, LOU
WCAM, Camden, N. J.
FITZ GIBBONS, JOHN M.
WSAR, Fall River, Mass.
FITSPATRICK, JACK L.
KLZ. Denver, Colorado.
FLANNERY, HARRY W.
KMOX. St. Louis, Missouri,
FLEISHER, NATHAN
WDAS Philadelphia, Pp.

WDAS, Philadelphia, Pa. FLEMING, BILL KWYO, Sheridan, Wyo.

FLETCHER, GORDON WLAK, Lakeland, I FLETCHER, GRAEME Florida. KFH, Wichita, Kans.

FIETTE, DEANE KTRI, Sioux City, Iowa.

FLYNN. ROBIN, CAPT. KFPY, Spokane, Wash. FOLSOM, MARTHA JANE WAYX, Wayeross, Georgia.

FORBES, GILBERT WFBM, Indinapolis, Ind. FORNO, LEANDRO WBIL, N. Y.
FORNO, LEANDRO
WOV, New York, N. Y.
FORREST, JOHNNY KIRO, Scattle, Wash.
FOSTER, CEDRIC W.
WTIIT, Hartford, Coun. FOSTER, JACK WCKY, Cincinnati, Ohio. FRAKER, WILLARD, W. WFBG, Altoona, Pa. FRANK, VAL WAAT, Jersey City, N. J. FRENCH, BOB WHEC, Columbus, Ohio, FRENCH, KEN

FREACH, REA WHEC, Rochester, N. Y. FRPIZ, CARL WELA, Tampa, Florida, FULTON, JOHN WGS1, Atlanta, Georgia.

— G –

GAINES, BILL WFBC, Greenville, S. C. GAITHER, FRANK WGSf, Atlanta, Georgia. GALIPEAU, GEO, CHLP. Montreal, Onchec GALLAGHER, MIKE RGFL Brownsville, Texas, GAMMON, IRVIN WAGN, Presque Isle, Maine, GARAFALO, PIETRO

WHOM, Jersey City, N. J. GARNES, CLARENCE KPDN, Pampa, Texas, GARNET, MARKS WMCA, New York, N. Y. GARRED, BOB

KSFO, San Francisco, Calif. GASK, CECIL

WEBR, Buffalo, N. Y. GEARHART, LVNN WSUN, St. Petersburg, Flori-

GEORGE, CARL WGAR, Cleveland, O. GEWINNER, HOLT WMAZ, Macon, Georgia,

GIFFORD, ALEXANDER WBAL, Baltimore, Md. GODWIN, EARL WMAL - WRC. Washington. D. C

D. C.
GOLDER, HARRY
WXYZ, Detroit, Mich.
GOLUBOFF, SIDNEY
WELL, New Haven, Conn.
GOODE, MICHAEL J.
WELL, New Haven, Conn.

GOODWIN, HAL

WHAI, Greenfield, Mass.
GOODWIN, HARRY D.
WBZ-WBZA, Boston & Springfield, Mass.

GORMAN, LYDIA KFAM, St. Clerch, Minu. GOWEN, JOHN K., 3rd WCOP, Bostou, Mass. GRANT, AUSTIN

WWJ, Detroit, Mich. GRANT, DOUGLAS B. WMT, Cedar Rapids-Waterloo. Iowa.

GRANT, PETER
WLW, Cincinnati, Ohio.
GBANT, TAYLOR
WCAU, Philadelphia, Pa. GRAV, PHIL A.
WEMP, Milwaukee, Wisc.

GROBE, AL WINS, New York, N. Y. GROSS, H. R. WHO, Des Moines, Iowa. GRUZA, LARRY WICC, Bridgeport, Conn. WICC, Bridgeport, Conn.
GUDELSKY, H.
WKBZ. Muskeron, Mich.
GUYER, SANFORD
WPEN, Philadelphia, Pa.

<u> — П —</u> HAAS, M. J. HAAS, M. J.
KFQD, Anchorage, Alaska,
HAASER, CHARLES
WFHT, Hartford, Conn.
HAFFEY, THOM
WLAP, Lexington, Ky,
HAGEMAN, H. L.
WADE, Akron, Ohio. HALE, ALAN
WISN, Milwaukee, Wise,
HALE, ARTHUR
WOR, Newark, N. J. HALE, FLORENCE NBC, Florence Florence Hale's Radio Column. HALPIN, JOSEPHINE KMOX, St. Louis, Missouri, HANNA, TED WGAR, Cleveland, O. HARDMAN, BEN KJR, Seattle, Washington, HARDY, JOSEPH CKCV, Quebec, Que. HARPER, TRO

KSFO, San Francisco, Calif.

HARRINGTON, JOHN HARRINGTON, JOHN
WBBM, Chicago, Ill,
HARRIS, BRADLEY
KGB, San Diego, Calif.
HARRIS, JACK
WSM, Nashville, Tenn.
HARRIS, WINDER R.
WTAR, Norflek, Va.
HARSHMAN, JERRY
WPHE Shergen, Da. WPIC. Sharon, Pa.
HARTMAN, LA MONT
WCBA-WSAN, Allentown, Pa.
HASBROOK, DICK WJMS, Ironwood, Mich. HAWLEY, MARK WOR, Newark, N. J. HAYES, W. D. WABI, Bangor, WARI, Bangor, Me.
HEATTER, GABRIEL
We the People, CBS,
News Programs, MBS,
Borden's Home News, NBC,
HEGARD, KEN
WRJN, Racine, Wisc, WKIAN, RICHE, WISC.
HELEZER, WALTER
WEDC, Chicago, III.
HENDERSON, JOE
KFPW, Fort Smith, AE
HENDRICKSON, ERNEST KGCU, Mandan, N. D. HENNEMAN, CARL KFAM, St. Cloud, Minn. HENRY, FRED KGER, Long Beach, California. HERBERT, WILLIAM WCHS, Charleston, W. Va.

HESLOP, STANLEY WNBF, Binghamton, N. Y. HESSLER, FRED WHBY, Green Bay, Wiscon-WORC, Worcester, Mass. HIGGINS, FRANCIS WDAN, Danville, III. HILL, DAVID G. CFRN, Edmonton, Alta. HILL, JOHNSON

KWLK, Longview, Wash.

WWNC, Ashcville, N. C.

HINN, MICHAEL

HIPPLE, JAMES B. KGFX, Pierre, S. Dak. HIPPLE, ROBERT KGFX, Pierre, S. Dak. HIRSCH, DON KDKA, Pittsburgh, Pa.
HOCKING, DR. SAM
WSFA, Montgomery, Ala.
HODGES, GILBERT KVOR, Colorado Springs, HOLMES, GEORGE R.

HOLMES, GEORGE R.
NBC, Washington News.
HOPKINS, PHIL.
WRR, Dallas, Texas,
HORN, ROBERT
WCAM, Camden, N. J.
HOWARD, JOE
KFBB, Greta Falls, Mont.
HOWE, LEONARD
WHO, Des Moines, Iowa.
HOWLE, CONRAD
WMBG, Richmond, Virginia.
HOWELL, REX

WMBG, Richmond, Virginia.
HOWELL, REX
KFXL, Grand Junction, Colo.
HUDSON, HARRY
WOPI, Bristol, Tenn.
HUGHES, JOHN B.
KFRC, San Francisco, Calif.
HUGHES, TUDD
WNBF, Bunghamton, N. Y.
HUGHES, PAUL
KTOK, Oklaboma City, Okla.
HUGHES, RUSH
NBC, Hughes recl.
HUGHES, T. W.
KMTR, Hollywood, Calif.
HULL, "DOC"
WCAZ, Carthage, Ill.
HULL, HARWOOD

WCAZ, Carthage, 111.

HULL, HARWOOD

WAPI, Birmingham, Ala.

HUNTER, TODD

WBBM, Chicago, Ill. HVRD, JUNE NBC, Let's Talk 1t Over.

- I -

IZZARD, WES KGNC, Amarillo, Texas.

— J —

JACKSON, GEORGE WBOW, Terre Haute, Ind. JAY, HARRY WBLY, Lima, Ohio, JOHNSON, M. B. KFKA, Greeley, O JOHNSON, PARKS Colo. Radio Newsreel, Vox Pop JOHNSTON, G. CKCK, Regina, Saskatchewan, Canada.

ONES, ARTHUR T.
WEW, St. Louis, Missouri,
JONES, MENDEL
WCKY, Cincinnati, Ohio,
JONES, TOM
KYA, San Francisco, Calif.

JORDON, HARRY KMO, Taconta, Wash, JORDAN, MAITLAND KJR, Scattle, Washington.

JOSEPHY, ALVIN M.
MBS. The Hines' Trial, Special Events Features.

JOY, DICK KNX, Los Angeles, Calif.

— K –

KALTENBORN, II. V. CBS. Headlines and Bylines. KALUSCHE, EARLE WFAA, Dallas, Texas. KEEFE, HOWARD WSPR, Springfield, Mass.

KELLY, TOM

KCMO, Kansas City, Mo.

KEMPER, LOU

KVOO, Tulsa, Okla.

KENNEDY, JOHN B.

People's Rally, Election Re-

turns, MBS.

New York on Parade, NBC.

KENNEDY, S. R.

CFCY, Charlottetown, P.E.I.

KEPLINGER, DICK KJR, Scattle, Washington, KILLEEN, J. W. WSAU, Wansau, Wisc.

KING, JACK WJR, Detroit, Mich. KIRBV, KLEVE

Canada.

WWL, New Orleans, Louisi-

KITCHELL, ALMA NBC, Spot programs, Let's Talk It Over.

KITTS, EDWARD
WHIS, Bluefield, W. Va.
KOESTER, TONY KOESTER, TONA KFVK, Sucramento, Calif. KOLAREK, JOE WCAO, Baltimore, Md. KROSS, OliCK WGES, Chicago, Ill.

— L —

LA FORCE, CHARLES WEMP, Milwaukee, Wisconsin LAKE, CHARLES WKST, New Castle, Pa. LANDIS, DE WITT KFYO, Laibbook, Texas. LANG, WILLIAM KYW, Philadelphia, Pa. NBC. Travelorues, LATEAU, HERBERT KARK, Little Rock, Ark.

LAW, GLEN KRNT-KSO, Des Moines, Ia. LE BRUN, HARRY WHEC, Ruchester, N. Y. LEE, WILLIAM

WBZ-WBZA, Boston & Spring-field, Mass.

Held, Mass,
LEGARE, GERARD
CJBR, Rimonski, Que,
LEICH, WALTER
WGBF, Evansville, It
LEISURE, CLARENCE Indiana.

LEISURE, CLARENCE
KHSL, Chico, Calif,
LESTER, FRANK C,
KFXD, Nampa, Ida,
LETSON, ED
KFAB, Lincoln, Nebraska,
LETSON, ED
KFOR, Lincoln, Nebraska,
LEVINE, ALBERT
WCAM, Camden, N. J.
LEVITSKY, MITCHELL
WHOM, Jersey City, N. J.
LEWIS, ERVIN

LEWIS, ERVIN WLS, Chicago, III

WOL. Washington, Commentaries, MBS, Election Returns.

LEWIS, JACK
KARK, Little Rock, Ark,
LEWRY, LOUIS "SCOOP"
CHAB, Moose Jaw-Saskatchewan, Canada.

LOCKE, FRANCIS P. WOLD, Miami, Florida. LONG, DEANE S. WSAL, Salisbury, Md.

LONGWELL, BOB WIBC, Indianapolis, Indiana. LOUDON, GORDON KALB, Alexandria, La.

LOWE, DAVID MNEW, New York, N. Y.
LOWREY, MEADOR
WHAS, Louisvite, Ky.
LOZANO, R.
KGFI, Brownsville, Texas. LUDLAM, GEORGE For Men Only. LUTZ, CHARLES

WKRC, Cincinnati, Ohio. LYON, ED.

KGGM, Albuquerque, N. M. LYSER, HERBERT KSFOR, San Francisco, Calif.

__ M -

McCAIN, W. H. WBRU, Birmingham, Ala, McCANN, F. G. KGCU. Mandan, North Dakota.

McCARTY, JACK

KORE, Eugene, Ore,

McCLAY, JOHN C.

WROK, Rockford, Ill.

McCLURE, KEN

WOAL, San Antonio, Texas.

McCLLISTER, RUSS

WILLI, Lowell, Mass.

McCUCHE, DOROTHY

KYOO, Tulsa, Okla.

McDONALD, L. A.

CECY, Charlottetown, P.E.L. kota CFCY, Charlottetown, P.E.I., Camada McDOWELL, GOODLOE WLAP, Lexington, Ky. McFEATERS, DALE KDKA. Pittsburgh, McGREGOR, HORACE WMSD. Sheffield, Ala. Melntosh, Ezra Wwnc, Asheville, N. C. McKee, Tom WJTN, Jamestown, N. Y. McKINNEY, ALEXIS KGIW, Alamosa, Colo. McMAHAN, MAC MeMAHAN, MAC
RSRO, Santa Rosa, Calif.
MeNAUGHTON, H. BLISS
WTBO, Camberland, Md.
MeNEIL, IDA A.
RGFX, Pierre, S. Dak.
MaeDot GALL, DICK
CKUL, Toronto, Ontario, Can.
MaGURE, ROBERT
WICE Bridgenort Conn.

WHICE, Bridgeport, Conn.
M.MIANEY, ROBERT
WGY, Schemetady, N. Y.
M.MODE, FRANCIS P.
WIOD, Miami, Florida.

MANN, HERBERT WRJN, Racine, Wise, MANNING, KNOX

KNX, Los Angeles, Calif.
MARBLE, HARRY
W.G.A.U., Philadelphia, Pa.
Greystone News.

MARKS, GARNETT

RMCA, New York, N. Y. Roma Wine Program, Com-munity Opticians Program, Sacks Furniture Program.

MARSH, LEE KGVO, Missoula, Mont.

KGVO, Missoula, Mont,
MARSHALL, NORMAN
CKTB, St. Catharines, Out.
MARTIN, DICK
KGNC, Amarillo, Texas,
MARTIN, PAUL
WIP, Philadelphia, Pa,
Youth in the News.

MATT, M. LEONARD WDAS, Philadelphia, Pa. MALIN, ALICE NBC. The Woman of Tomor

row. MAY, FOSTER

WOW, Omaha, Nebraska.

KNX, Les Angeles, Calif. MEENAM, WILLIAM T. WGV. Scheneetady, N. MERRIDEW, REG WKOK, Sunbury, Pa.
MEYERS, TED
KFAC, Los Angeles, Calif.
MILLER, HAL. WHEB. Portsmouth, New Hampshin. MILLER, KEN KVOO, Tulsa, Okla. MILLS, FRANK

MAY, HERB

KGKO, Fort Worth, Texas. KGRO, FORT WOPEN, I MONDAY, RAY RPDN, Pampa, Texas, MOORE, CLARENCE C. KOA, Denver, Colo, MOORE, DUNCAN WJR, Detroit, Mich. MOREY, ART KWJJ, Portland, Ore, MORESET LOUIS

MORISSET, LOUIS CKAC. Montreal, Quebec.

MORITZ, JOHN WCBS, Springfield, III. MORRIS, DEWITT KELA, Betw. Chehalis, Wash. Centralia and

MORRIS, DON WMBC, Detroit, Mich. MORRIS, PAUL WCAIM, Baltimore, Md. MORRISON, WILBUR WGY. Schenectady, N. Y.

MUGFORD, JIMMY

MUGFORD, JIMMY
WSPA. Spartanburg. S. C.
MURPHY, JOHN
WPOL, Toledo, Ohio,
MURRAY, THOMAS
WHAM, Rochester, N. Y.
MURRIE, DAYID H.
WTBO, Cumberland, Md.
MYERS, J. CLARENCE
KYA, San Francisco, Calif.
MYERS, JOE
KOA, Denver, Colo.

- N -

NETHERBY, I. B. CJCS, Stratford, Ontario, Canuda.

NEWALL, WM. CKFC, Vancouver, British Co-lumbia, Canada.

NEWELL, BILL CKWX, Vancouver, B. C. NEWELL, ELWOOD KRMC, Jamestown, N. D.

NICHOLSON, LEO CJOR, Vancouver, B. C.

NILES, CHARLES WTHT, Hartford, Conn.

NILES, REV. HAROLD WICC, Bridgeport, Conn. Current Comment.

NOGGLE, HAL KFWD, Anchorage, Alaska. NOLIN, JEAN

CJAC, Montreal, Quebec, Can. NORMAN, DON WCFL, Chicago, III.

NORTON, FRANK WMAS, Springfield, Mass.

NOTARI, SERENA WEDC, Chicago, III,

– 0 -

OAKES, BARNEY WATL, Atlanta, Ga. O'CALLAHAN, GENE WCNW, Brooklyn, N. Y. OLIVER, BRYCE WHN, New York, N. Y.

ORAVETZ, JULE WRJN, Racine, V ORFIELD, BENNET WTCN, St. Paul-Minneapolis, Minn.

OTIS, LEHMAN WCLE, Cleveland, Ohio, OTIS, LEHMAN

WHK, Cleveland, Ohio, OWEN, EM WTAQ, Green Bay, Wisconsin. WHBY.

_ P -

PALMER, GEORGE WIBC, Indianapolis, Indiana, PARKER, ALAN

WSVR, Syraeuse, N. Y. PARKER, BEN KWEW, Hobbs, New Mexico, PARKER, EARL

WDZ, Tuscola, III,

WDZ, Tuscola, HI,
PARKER, JACK
WJIM, Lansing, Mich,
PARKER, MAC
WCAU, Philadelphia, Pa,
PARKES, HAL
KUTA, Salt Lake City, Utah,
PARSONS, HARRIET
NBC, Hollywood News,
PATTERSON, PAT
KGLO, Mason City, Ia,

PATTERSON, PAT
KGLO, Mason City, Ia,
PANTON, MARX
WIBC, Indianapolis, Indiana,
PEARSON, FORT
WMAQ-WENR, Chicago, III,
PEARSON, JOHN
KWTO - KGBX, Springfield, Mo

PENFIELD, AD

PENFIELD, AD WBNC, Ducham, N. C. PENS, DAVID WCOL, Columbus, Ohio. PENSON, J. C. CEAR, Flin Flon, Man. PERRY, CAMERON CAOC, Lethbridge, Alta.

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KENF, Shenandoan, Pa. PLAMBECK, HERB WHO, Des Moines, Iowa, POOLE, HENRY KOY, Phoenix, Ariz, POTES, EUGENE

WNAD, Norman, Okla. POWELL, BUD

CFGP, Grand Prairie, Alberta,

POVNER, GRAHAM WPTF, Raleigh, N. C. PRINGLE, PETE KNX, Los Angeles, Cal. PYLE, J. HOWARD

ETAR, Phoenix, Ariz. PYRON, DICK

WAGA, Atlanta, Georgia.

— Q -

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--- R -

RABB, STUART WSJS, Winston-Salem, N. C. REAMS, HUNTER WJNO. West Palm Beach,

Florida. REDELL, A. DOUGLAS WCAP, Asbury Park, N. J.

REDMOND, A. K. WHP. Harrisburg. Pennsyl-

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KFEL, Denyer, Colo.
REPAID, W.
WMBC, Detroit, Mich. RICHARDS, JACK KEUB, Price, Utah, RICHARDSON, MATT WESG, Elmora, N. Y. RICKER, BILL
WDEV, Waterbury, Vt.
RITSEMA, JOHN
WKZO, Kalamazoo, Mich. ROBB, MAJOR
WSAL, Salisbury, Md.
ROBBINS, BILL
WLW, Cincinnati, Ohio. ROBERTS, CLETE

KGER, Long Beach, Califormer TOTHAL
ROBERTS, ED
WCBD, Ubicago, III,
ROBERTS, JOHN
KIT, Yakima, Washington,
ROBINSON, MAJOR WSUN, St. Petersburg, Flori-RODDA, WALLY WKZO, Kalamazoo, Mich. WKZO, Kalamazoo, Mich. RODGERA, JR., FLOYD C. WIS, Columbia, S. C. ROGERS, ROBERT WSAL, Salisbury, Md. ROLL, DICK
WHIO, Dayton, Ohio.
ROMEU, JOSE A.
WNEL, San Juan. Juan. Puerto Rico ROOSEVELT, ELLIOTT MBS. Texas State Network Dedication Program. Com-Commentary Program. ROSS, BILL KEX, Portland, Oregon. KEX, Portland, Oregon, ROSS, BILL KGW, Portland, Oregon, ROTHRUM, WILLIAM WSYR, Syracuse, N. Y. ROWENS, JR., W. E. KRRV, Sherman, Texas, RUNIONS, NORM KVI, Tacoma, Wash, RUSSELL, EMERSON WDZ, Tuscola, III WDZ, Tuscola, III.
RUTLAND, F. E.
CKFC, Vancouver, British Columbia, Canada. RYAN, EDWARD J. WATR, Waterbury, Conn. — S -SAERCHINGER, CAESAR NBC. The Story Behind the News. SAUNDERS, CHARLES WGCM, Mississippi City, Mississippi. SCHALLERT, ELZA NBC. Hollywood Interviews. SCHOELKOPF, HAROLD KFAM, St. Cloud, Minn. SCHOENER, GILBERT KFAM, St. Cloud, Minn. SCHULTZ, DEL KHBG, Okmulgee, Oklahoma. SCOTT, ALAN WCAU, Philadelphia, Pa. SCOTT, JAMES KWSC, Pullman, Wash. SERGIO, LISA NBC, Let's Talk It Over, Tales of Great Rivers. SHANNON, BILL WATL, Atlanta, Ga. SHAW, GORDON WLW, Cincinnati, Ohio.

WTCA, ASHRADIGA.

SIMMONS, D. N.
BDVL, Salt Lake City, Utah
SIMMS, WILLARD
KFKA, Greeley, Colo. SINCLAIR, GEORGE CFGP. Grand Prairie, Alberta, Canada SINGISER, FRANK SINGISER, FRANK
WOR. Newark, N. J.
SIPES, LEON
KELD, EL PORADO, Ark.
SISSON, ALLEN
WHAM, Rochester, N. Y.
SLATER, BILL
KEPW, Fort Smith, Ark.
SMITH, ERLE SLATER, MALL.
KEPW, Fort Smith, Ark
SMITH, ERLE
KMBC, Kansas City, Mo.
SMITH, ERNIE

***OSC** Charleston, S. C. SMITH, EKNIE
WOSC, Charleston, S. C.
SMITH, NORBOURNE E.
KLZ, Denver, Colo.
SNOWDEN, TOMMY SNOWDEN, TOMMY
WEED, Rocky Mount, N. C.
SOHM, WILL
WEAD, Quiney, HI.
SOWARD, OLAF
RCKN, Kansas City, Kans.
SPARKS, HAROLD
KFXD, Nampa, 1da.
SPRACE ED A SPRAGUE, ED A.
WWVA, Wheeling, West Vir-SQUIER, LLOYD WDEV, Waterbury, Vt. STARK, CHARLIE CBS. Oddities in the News. Morning Almanae, STEARNS, BILL WHEB. Portsmouth, New Hampshire STEELE, JOHANNES
WMCA, New York, N. Y.
STEELE, JOHN
MBS. Commentary Programs. STEMMLER, NICK WSYR, Syracuse, STERNBERGER, ESTELLE M. WMCA. New York, N. Y. STEVENS, ALSTON WJUL, Philadelphia, Pa. STEVENS, LEONARD WNLC, New London, Conn. STEWART, FRANK KTSA, San Antonio, Texas. STEWART, JOE WCNW, Brooklyn, N. Y. News Clinic. STONE, ELEANOR WCOU, Lewiston, Me. The Talk of the Town. STONER, BOB WKOK, Sunbury, Pa. STOUT, GENE WIBG, Glenside, Pa. STRAETER, TED CBS. Choral Director of Kate Smith Show. STRAUSS, JOSEPH WCHV, Charlottesville, Va. SUITER, GRANT

SHAYON, SAM WHN, New York, N. Y. SHEEHAN, WM. A. WTIC, Hartford, Conn. SUTTERFIELD, PHIL WCSC, Charleston, S. C. SWAYZE, JOHN CAMERON WHB, Kansas City, Missouri, SWING, RAYMOND GRAM WOR, Newark, N. J. WTIC, Hartford, Conn.
SHEELEY, JACK
WHO, Des Moines, Iowa.
SIGHT, ROBERT
KFRU, Columbia, Mo.
SIGMAN, THURSE F. MBS. Commentary Program.

Ashtabula, Ohio,

___ T -

TALLEY, BILL KUMA, Yuma, Ariz. TAYLOR, SAM WHN, New York, N. Y. TAPLEY, S. E. CJCS, Stratford, Ontario, Can-TEAGUE, W. C. WMC, Memphis, Tenn. TERRY, BILL WSGN, Birmingham, Ala.
TERRY, GENE
WTAD. Quincy, Ill.
TERWEY, TYS
WNOX, Knoxville, Tenn. THOMAS, JACK
KOVC, Valley City, N. D.
THOMAS, JIM
WWL, New Orleans, Louisimin.
THOMAS, JOHN R.
KGIW, Alamosa. Colo.
THOMAS, LOWELL
NBC. The Day's News.
THOMAS, WILL M.
KGIW, Alamosa, Colo.
THOMPSON, ALAN
KROY, Sacramento, Cali
THOMPSON, BILL
KWYO, Sheeidan, Wyo. Sacramento, Calif. KWYO. Sheridan, Wyo. THOMPSON, JACK CKCL, Toronto. Ontario, Can. THOMPSON, DOROTHY NBC. People in the News. TOBIN, JOHN KFBK, Sacramento, Calif. TODD, JAMES L. KOMA, Okla, City, Okla, TOMY, NEAL WJR, Detroit, Mich, TREMBLE, SIDNEY B. KSAL, Salina, Kans TREXLER, LAWRENCE WCPO, Cincinnati, Ohio. TRUE, HAROLD WXYZ, Detroit, Mich. TWIGGER, NORMAN WCAE, Pittsburgh, Pa.

— U –

CEBELHART, JIM WSPD, Toledo, Ohio.

- V .

VAN BUREN, RUTH WABI, Bangor, Me. VANCE, KENNETH W G C M , Missis Mississippi

Mississippi. VAN CRONKIHTE, JOHN

WHP, Harrisburg, Pennsylvania.

VANDINEER, JAMES KECA, Los Angeles, Cal. KFL.

VAN HORN, GEORGE WEOA, Evansville, Indiana. Curbstone Reporter, VAN SIMPA, S. M. WBBR, Brooklyn, N. Y.

VELA, WILLIE KPAB, Laredo, Texas.

WEDC, Chicago, Ill.

VON EGIDY, BARON KMPC, Beverly Hills, Calif. VRZAL, KARL

WMEX, Boston, Mass. 689

WBBR, Brooklyn, N. Y.

WLW, Cincinnati, Ohio. SUTHERLAND, GEORGE

Springfield,

SULLIVAN, FLOYD KWTO - KGBX,

SULLIVAN, PAUL

-w

WADE, OZZIE

WNBX, Springfield, Vt. WAGNER, FORD "FLASH" KGF1, Brownsville, Texas.

WALKER, BREED WMEX, Boston, Mass, WALLACE, NEIL

WEEL Boston. WALLACE, WESLEY

WPTF. Raleigh. WALRATH, WALTER W. ICA, Ashtabula, Ohio,

WALTON, JAMES
WRUF, Gainesville, Florida.

WALTON, LUKE WBOW, Terre Haute, Ind.

WARD, CARL KWTO-KGBX, Springfield, Mo.

WARREN, W. D. KOH, Reno, Nev.

WATSON, BROOKS WMBD, Peoria, III. WATSON, CLYDE WOMI, Owensboro, Ky.

WAYNE, PRISCILLA KSO, Des Moines, Ia. W men's View of the News. Ia. Wo-

WEBSTER, BOB WSAY, Rochester, N. Y.

WEIMER, ORVILLE WAAW, Omaha, Nebraska.

WELDON, MARTIN WINS, New York, N. Y.

WELLS, LINTON The Magie Key of NBC. RCA.

WERTS, T. L. WCBA-WSAN, Allentown, Pa. WESLEY, MILO KEHE, Los Angeles, Calif.

WETMORE, GEORGE WICC. Bridgeport, Conn.

News and Reviews. WHALEN, ROD KWJJ, Portland, Ore, WHEELER, ROBERT

JOW. Ames, WIGGINS, WALLACE S. KVOE, Santa Ana, Calif.

WILBELM, GEORGE KWJJ. Portland, Ore.

WILBUR, BOB WSUN, St. Petersburg, Flori-

WILCURT, ARLAN WAYN, Wayeross. Georgia.

WILLIAMS, FOSTER WINS, New York, N. V. WILLIAMS, F. M.

WGAU, Athens, Ga. WILLIAMS, GLEN

KCRC, Enid, Okla, WILLIAMS, GLENN

WILLIAMS, GLENN
WESG, Elmira, N. Y.
WILLIS, ED
WLAP, Levington, Ky.
WESON, CARL
KELD, El Dorado, Ark.

WILSON, EARLE D.

WNBH, New Bedford, Mass. WILSON, R. B. WADC, Akron, Ohio.

WINCHELL, WALTER NBC. Jergen's Journal.

WINTER, WILLIAM WBT, Charlotte, N. C. Head-lines in the News, Know Your Constitution. What You Like to Know, What Would

WISELY, KATHERINE (MRS.)
NBC. Borden's Home News. WITANOWSKI, E.

WHOM, Jersey City, N. J.

WOLF, ELAINE

WSPD, Toledo, Ohio. WOLFE, HOWARD WMMN. Fairmont, W. Va. WOOD, FRED

WSNJ Bridgeton

WOODHOUSE, WOODY
WDNC, Durham, N. C.
WOODHLL, WILF, J. CKSO, Sudbury Ont.

WOODS, CHARLES
WLW, Cincinnati, Ohio. WOODWORTH, C. J.

WBBR, Brooklyn, N. V. WOOLF, JOHN KLO, Ogden, Utah.

WORDEN, RALPH WGAR, Cleveland, O.

WRIGHT, DON CJRM, Regina, Sask,

WRIGHT, LUKE KFBB, Great Falls, Mont.

WRIGHT, MEL WMAS, Springfield, Mass. WRIGHT, RICHARD WDAS, Philadelphia, Pa.

WYLY, RUSSELL T.

KGKO, Fort Worth, Texas. WYNNE, RICHARD KYA, San Francisco, Calif.

— Y -

VERNA, HAROLD CJRM, Regina, Sask

--- Z -

ZAVITZ, LANCE WEBR, Buffalo, N. Y. ZIMMERMAN, CARL WEMP, Milwankee, Wiscon-

MEL ALLEN

SPORTSCASTER FOR

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SPECIAL EVENTS—SPORTS FOR

 $\mathbf{C}\,\mathbf{B}\,\mathbf{S}\,-$

Sports Commentators



AND THEIR WORK DURING 1938





ABBOTT, ABE KGAR, Tueson, Ariz. ALBRITTON, LEO

KGFI, Brownsville, Texas. ALBURTY, BOB

WHBQ. Memphis. Tenu. ALFORD, DALE

KARK, Little Rock, Ark. ALLEN, MEL

CBS. Sustaining.

ALTMAN, DICK KBTM, Jonesbor, Ark. ALTMAN, DICK WJHL, Johnson City, Tenn.

ANDERSON, ED WQDM, St. Albans, Vermont.

ANDREWS, TED KTOK, Oklahoma City, Okla. ANDREWS, TOM

WEMP, Milwaukee.

APPEL, CHICK CJCS, Stratford, Ontario, Can-

ARTHUR, FRANK KSAN, San Francisco, Cal. AUSTIN, MEL WATL, Atlanta, Ga.

— **B** —

BACHER, BILL CBS. Texaco Program.

BAILEY, HOWARD KFBK, Sacramento, Calif.

BAIRD, D. R. CJOR, Vancouver, B. C.

BALLS, F. E. KELD, El Dorado, Ark.

BALTER, SAM WFIL, Philadelphia, Pa.

BALTER, SAM MBS. The Inside of Sports.

BANKS, DAVID KARK, Little Rock, Ark. BARBER, RED

MBS. Football Games. BARBER, WALTER

WLW, Cincinnati, Ohio.

BATEY, HUBERT WGPC, Albany, Georgia.

BAXTER, LIONEL WAPI, Birmingham, Ala,

BEHRMAN, W. W. WBOW, Terre Haute, Ind.

BELL, JACK WIOD, Miami, Florida.

BENNETT, DAVID WKBO, Harrisburg, Pa.

BENNETT, JOE WBRB, Red Bank, N. J. BENNETT, JOHN KHUB, Watsonville, Calif.

BENNETT, THURSTON WRDW, Augusta, Georgia,

BERNDT, IRVING WRAK, Williamsport, Pa.

BEVNON, JACK WDWS, Champaign, III,

BINGHAM, BOB WWNC, Asheville, N. C.

BISHOP, BURTON KTEM, Temple, Texas.

BISHOP, PAT KECA, Los Angeles, Cal. KET.

BLANCHARD, LOWELL WNOX, Knoxville, Tenn.

BLUE, IRA KGO, San Francisco, Calif. KPO.

ROYLING, SID CHAB, Moose Jaw, Saskatche-ewan, Canada.

BRADLEY, BOB WTMV, East St. Louis, III.

BRANNEN, LYNNE WGAU, Athens, Ga.

BRANDT, LYNN WMAQ-WENR, Chicago, 111,

BRAY, DICK WLW, Cincinnati, Ohio.

BRECKNER, GARY KNX, Los Angeles, Calif.

BRICKHOUSE, JACK WMBD, Peoria, Illinois.

BRIGGS, FRED KVOE, Santa Ana. Calif.

BROSSEAU, BILL CKAC, Montreal, Quebec, Can.

BROWN, BILL WHO, Des Moines, Iowa.

BROWN, WILL Jr. CFCY, Charlottetown, P. E. L. Looking Over the Ponies.

BRUNDIGE, BILL WAVE, Louisville, Ky.

BUCK, LOUIE WAGA, Atlanta, Georgia.

BUNKER, ED. WCSC, Charleston, S. C.

BUNNELL, MERRILL J. KLO, Ogden, Utah.

BURICK, SI WHIO, Dayton, Ohio.

BURKE, ANDY WARD, Brooklyn, N. Y.

BURNETT, JOSEPH KGVO, Missoula, Mont.

BURNS, FRED WSAZ, Huntington, West Virginia.

BURTON, D. A. WLBC, Muncie, Ind.

BUXBAUM, Jr., PHILIP L. BYER, HAL KWSC, Pullman, Wash.

BYERS, WAYNE WHLB, Virginia, Minn.

BYRAM, AFFIE KWSC, Pullman, Wash,

— C —

CAIN, DOYLE KFXD, Nampa, lda.

CAMP, RAVMOND R. NBC. Angler and Hunter.

CANADY, JOHN KMPC, Beverly Hills, Calif.

CARRAWAY, HOWARD KGKO, Fort Worth, Texas,

CARROLL, PARKE WHB, Kansas City, Missouri.

CARSON, GRANT CJRM. Revina, Sask.

CARTER, NICK WNBX, Springfield, Vt.

CASPER, CY KMOX, St. Louis, Missouri.

CASTILLO, OSCAR KGF1, Brownsville, Texas.

CHALK, WESLEY WCOA, Pensacola, Fla.

CHAMBERLIN, FRANCIS WMPS, Memphis, Tenn.

CHAPMAN, DAVE KCKN, Kansas City, Kans.

CHAPMAN, JAMES KSAC, Manhattan, Kans.

CHAPMAN, REED CKWX, Vancouver, B. C.

CHASE, FRANK NBC. For Men Only.

CHASE, SAM

KFBB, Great Falls, Mont.

CHATFIELD, BEN WMAZ, Macon, Georgia. CHEYNE, ARTHUR

KIT, Yakima, Washington. CLARK, ELMER

KABR, Aberdeen, S. Dak. CLARK, HOWARD

CKSO, Sudbury, Ont.

CLARK, J. B. WPTF, Raleigh, N. C. CLARK, PAUL A.

WEOA, Evansville, Indiana.

CLARK, PAUL A. WGBJ, Evansville, Indiana.

CLUNEY, JOHN
WATR, Waterbury, Conn. COLON, ROYCE

KRLD, Dallas, Texas.

COLVIN, DON KSFO, San Francisco, Calif.

CONNOLLY, JAMES WMSD, Sheffield, Ala.

COONTX, EDDIE KVOO, Tulsa, Okla.

CORBIN, PAUL KELA, betw. Centralia and Chehalis, Wash.

COREY, VIRGIL KANS, Wichita, Kans.

CORNISH, BUD WGAN, Portland, Me,

CORRAY, FRED WILL, Crbana, 111,

COZAD, SAMMY WTBO, Cumberland, Md.

CRAGO, WILLIAM WMAL - WRC. Washington. D. C

CRUICKSHANK, JOHN "DOC" Wingham, Ontario, CKNX. Canada.

CRUTCHFIELD, CHAS, II. WBT, Charlotte, N. C.

CULLIVAN, JOE KROY, Sacramento, Calif.

CURLIN, GEORGE KOTN, Pine Bluff, Ark.

— D —

DALES, WALTER CJCA, Edmonton, Alta.

DALEY, TOM KVOO, Tulsa. Okla,

DANBOM, M. E. KGKB, Tyler, Texas.

DAVIES, BOB KARM, Fresno, California.

DAYIS, "BUZZ" WDAS, Philadelphia, Pa.

DAVIS, REX WCKY, Cincinnati, Ohio,

DAYIS, 816 WMIN. St. Paul-Minneapolis. Minn, On the Sidelines.

DEAL, JAKE WDEV, Waterbury, Vt.

DECKER, BEN WJNO. West Palm Beach, Florida

DECKER, VIC WHBC, Canton, Ohio.

DE HAVEN, BOB WTCN, St. Paul, Minneapolis, Minn.

DELAGE, GERARD CKAC, Montreal, Quebec, Canada.

DELANEY, JOE Waterbury, WATR. Conn. Football Roundup.

DeLASSAUX, HARRY EVCV. Redding, Calif.

DEMMY, C. CURTISS WKEO, Harrisburg, Pa.

DERWIN, BILL WATE, Waterbury, Conn.

DES AUTELS, VAN KTSM, El Paso, Texas.

DESCARREAUX, MAURICE CHRC, Quebec, Que.

DESCHEMES, CHARLES M. CKCV. Quebee. Que.

DESMOND, CONNIE WSPD, Toledo, Ohio. DIESPECKER, DICK CJOR. Vancouver, B. C.

DILLAHUNTY, THOMAS KCMC, Texarkanna, Texas.

DIXON, KENNETH KWEW, Hobbs, New Mexico.

D'ORO, MEDAGLIA WBIL, New York, N. Y.

DOTSON, PERRY WTGN, St. Paul, Minneapolis, Minn.

DOUGLAS, STEVE WWNC, Asheville, N. C.

DREES, JACK

WJJD, Chicago, III.

DRISCOLL, DAVE WOR, Newark, New Jersey,

DRISCOLL, DAVE MBS. Football Games.

DUDLEY, BERNIE WNBX, Springfield, Vt.

DUDLEY, WRAY WNAD, Norman, Okla,

DUNBAR, STUART KSAL, Salina, Kans,

DUNN, EDDIE WFAA, Dallas, Texas,

DUNPHY DON WINS, New York, N. Y.

DUPRE, HENRY WWL. New Orleans, Louisiana.

DUREN, BOB KOMA, Okla, City, Okla,

DURNEY, BILL WIL, St. Louis, Missouri,

DYER, BILL WCAU, Philadelphia, Pa.

EBEL, JIM WILL, Urbana, III.

EDWARDS, BILL WMMN, Fairmont, W. Va.

EDWARDS, FORREST KGCU, Mandan, North Da-

EGAN, GAIL CFAC, Calgary, Alberta, Canada.

ELKINS, LISTON WAYX, Wayeross, Georgia.

ELLSWORTH, SHERRILL KGIW, Alamosa, Colo.

ELSON, BOB MBS. World Series Baseball Games, Football Games.

ELMER, BOB WCAU, Philadelphia, Pa. ENGLISH, RAY

WNBZ, Saranae Lake, N. Y.

ENROTH, RICHARD WTAD, Quincy, 111.

WNOX, Knoxville, Tenn.

ESCUDIER, R.A. KVOL, Lafayette, Louisiana.

EUBANKS, BLAIR WCHS, Charleston, W. Va.

EVANS, JIMMY WCFL, Chicago, Ill.

EVANS, ROBERT B. WBZ-WBZA, Boston & Springfield, Mass.

EVANS, ROBERT WSPD, Toledo. Ohio.

___ F _

FAIRLEIGH, PAUL WMPS, Memphis, Tenn. The Mis-South Sportsman.

FARRELL, JACKIE
WAAT, Jersey City, N. J.

FARRELL, MAURY WAPI, Birmingham, Ala.

FARLEY, TOM KRMC, Jamestown, N. D.

FARNUM, BUD WFLA, Tampa, Florida.

FELDMAN, ROBERT (Bob) M. WMAS. Springfield, Mass.

FERGUSON, BERT WHBQ. Memphis, Tenn.

FIELDS, BILL KEJZ, Fort Worth, Texas.

FINCH, HOWARD WJIM, Lansing, Mich.

FINGER, LEN KTAT, Ft. Worth, Texas.

FISHELL, DICK WHN, New York, N. Y.

FISHER, HANK WDZ, Tuscola, Ill.

FITZPATRICK, JACK L. KLZ, Denver, Colorado.

FLAHERTY, PAT WOAL San Antonio, Texas,

FLANAGAN, PAT WBBM, Chicago, Ill.

FLETCHER, GORDON WLAK, Lakeland, Florida,

FLYNN, ART WHAI, Greenfield, Mass. FOSTER, CARROLL

KIRO, Scattle, Wash. FOSTER, HARRY CKCL, Toronto, Ontario, Can-

ada. FRANK, NOBE

WHP. Harrisburg, Pennsyl-FRANKLIN, ALLAN

KFRU, Columbia, Mo. FRANKOVICH, MIKE

KFAC, Los Angeles, Calif. FULTON, JOHN

WGSL Aflanta, Georgia,

— G –

GALLAHER, EDDIE WCCO, Minneapolis-St. Paul, Mann.

KVI, Tacoma, Wash.

GENSEL, CARL WXYZ, Detroit, Mich.

GENTRY, BOB KJR, Scattle, Washington.

GENTRY, BOB KOMO. Scattle, Washington.

GEORGE, LEE KWTO - KGBX, Springfield,

GERARD, JERRY

WDNC, Durham, N. C.

GERARD, PAUL WEDC, Chicago, Illinois.

GIBBONS, TOMMY WPIC, Sharon, Pa.

GIBSON, BILL WLB. Minneapolis, Minn.

GILLESPIE, FRANK KRMC, Jamestown, N. D. GLEASON, PECO WRTD, Richmond, Va.

GOODWIN, AUSTIN WGAN, Portland, Me.

GOODWIN, HAL WHAI, Greenfield, Mass.

GORDON, RED KELD, Al Dorado, Ark. GOW, GEORGE

WCHS, Charleston, W. Va.

GOWANS, AL WTCN, St. Paul-Minneapolis, Minn. Before the Kickoff, Football Score Roundup.

GRABER, JACK WKZP, Kalamazoo, Mich. GRAHAM, GORDON

WLBC, Muncie, Ind.

GRANEY, JACK

WCLE, Cleveland, Ohio.

GRANEY, JACK

WHK, Cleveland, Ohio.
GREENWOOD, WARREN
WHAI, Greenfield, Mass.

GREGSON, JACK KDYL, Salt Lake City, Utah.

GRIFFITHS, BILL WJW, Akron, Ohio.

GRIFFITHS, DAVE WGBI, Scranton, Pa. GRIMM, CHARLES

WBBM, Chicago, III.

WKBZ, Muskegon, Mieh. GUNDAKER, ED

WHP, Harrisburg, Pennsylvania.

GUNN, GEORGE WMAL - WRC, Washington, D. C.

GUYAN, GEORGE KFRU, Columbia, Mo.

<u> — И —</u>

HALE, MAN WISN, Milwankee, Wise.

HALL, HALSEY

KSTP, St. Paul-Minneapolis,
Minn.

HALL, RADCLIFFE WGY, Schencetady, N. Y. HAND, JACK

WBNF, Binghamton, N. Y.

HANES, TOM WTAR, Norfolk, Va.

HANLON, TOM
KNX, Los Angeles, Cal.

HARDING, WILLIAM WINS, New York, N. Y.

HARRINGTON, BILL KDAL, Duluth, Minn.

HARRINGTON, JERRY KFAM, St. Cloud, Minn.

HARRINGTON, JOHN WBBM, Chicago, 111.

HARRIS, ELLIS KDAL, Duluth, Minn.

HARRIS, LESLIE WQAM, Mami, Florida.

HARRIS, PHIP WSUN, St. Petersburg, Florida.

HARRISON, HASTINGS KGIW, Alamosa, Colo. HART, W. R. CKBl, Prince Albert, Sask.

HARTMAN, HARRY WCPO, Cincinnati, Ohio.

HARTWELL, TED KELA, betw. Centralia and Chehalis, Wash.

HASBROOK, DICK WJMS, Ironwood, Mich.

HASEL, JOE WNYC, New York, N. Y.

HATTER, WALIN

KSCJ, Sioux City, Ia.

HEILMANN, HARRY WXYZ, Detroit, Mich,

HENDERSON, JAMES WOL Ames, Ia.

HENSERSON, JOE KFPW, Fort Smith, Ark.

HEWITT, FOSTER CKCL, Toronto, Ontario, Can.

HARRIS, JACK WSM, Nashville, Tenn.

HEIN, MEL CBS, Highlights In the World of Sports.

HELFER, AL WOR, Newark, New Jeresy,

HERANDEZ, JOSEPH KYA, San Francisco, Calif.

WMFF, Plattsburg, N. Y.

HICKS, DR. H. II. KPDN, Pampa, Texas.

HIGGINS, CHARLES WORC, Worcester, Mass.

WDAN, Dauville, Ill.

HIGGINS, GEORGE
WTCN, St. Paul, Minneapolis,
Minn.

HIGGINS, JIUGH WAAW, Omaha, Nebraska.

HILL, DON WCBS, Springfield, 111.

HILL, DØN KTUL, Tulsa, Okla.

HILL, JOE WAGA, Atlanta, Georgia.

HILL, RUPERT
WCAP, Asbury Park, N.J.

HIPPLE, JAMES B. RGFX, Pierre, S. Dak.

HODGES, GILBERT KVOR, Coforado Springs,

HODGKINS, HARLEX WNBZ, Saranae Lake, N. Y.

HOLLISTER, JACK KDKA, Pittsburgh, Pa.

HOLMES, LYALL CJCA, Edmonton, Alta.

HOOD, BILL KGKO, Fort Worth, Texas.

HOOPER, JACK WMBG, Richmond, Virginia.

HOPKINS, GORDON KXA, Scattle, Washington. HOSKINS, JAMES WBLY, Lima, Ohio,

HOWARD, L. WHAZ, Troy, N. Y.

HOVT, WAITE WNEW, New York, N. Y.

HUBBELL, RALPH WBNY, Buffalo, N. Y.

HUDSON, HARRY WOPI, Bristol, Tenn.

HUESLEV, LARRY KMO, Tacoma, Wash.

HUNTER, CHARLES WCAZ, Carthage, III.

HUNTER, C. M. WCLE, Cleveland, Ohio.

HUNTER, C. M.
WHK, Cleveland, Ohio.

HURT, ZACK KFJZ, Fort Worth, Texas.

HUSING, TED CBS, Monday Night Show,

__ I __

INGLIS, CHARLES
KLZ, Denver, Colorado.

INGRAM, ARTHUR WLEU, Erie, Pa.

INGSTAD, BOB KOVC, Valley City, N. D.

— **J** —

JANES, HAL.
WMCA, New York, N. Y.

JANNEY, ED KGGM, Albuquerque, N. M.

JESSEE, RANDALL KWOC, Poplar Bluff, Missouri.

JOHNSON, BURTON WTRC, Elkhart, Ind.

JOHNSON, DICK KGFF, Shawnee, Okla.

JOHNSON, HARRY KFAB, Lincoln, Nebraska.

JOHNSON, HAROLD, C. KFRO, Longview, Texas.

JOHNSON, MARSHALL WHMA, Anniston, Ala.

JOHNSON, ROLLIE
WCCO, Minneapolis-St. Paul,
Minn.

JORDAN, CHAS. B. WRR, Dallas, Texas.

JORY, M. WMBC, Detroit, Mich.

<u> — К —</u>

KAMM, HERBERT WCAP, Asbury Park, N. J.

KELLEY, BOB WGAR, Cleveland, O.

KELLEY, DON WGAR, Cleveland, O.

KELLEY, DON WLS, Chicago, III.

KELLY, JACK WGSI, Atlanta, Georgia. KELLY, TOM KCMO, Kansas City, Mo.

KEMP, JACK CJRC, Winnipeg, Manitoba, Canada

KENT, CARL WADC, Akron, Ohio,

KILLEN, J. W. WSAU, Wansau, Wisc.

KH.PATRICK, REID KEHE, Los Angeles, Calif. Today In Sports, Golf Clinic.

KINGSLEV, CHARLES KHUB, Watsonville, Calif.

KIRBY, LEE WBT, Charlotte, N. C.

KLEIN, CARL WRBR, Brooklyn, N. Y.

KLIMENT, ROBERT WEBR, Buffalo, N. Y.

KLISE, R. A. KRLC, Lewiston, Ida.

KOESTER, TONY KFBK, Sacramento, Calif.

KOLBMANN, JOHN WPEN, Philadelphia, Pa.

KRAUSE, ED KWNO, Winona, Minn.

KRETSINGER, JACK KGKB, Tyler, Tenas.

KROECK, LOUIS KOV, Phenix, Ariz.

KROSS, DICK WGES, Chicago, III.

KROSS, DICK WSBC, Chicago, III,

-L

Labranche, Ernte Willij, Lowell, Mass.

LACKEY, ERNEST Jr. WPAD, Paducah, Ky.

LACKEY, PIERCE WPAD, Paducah, Ky.

LAKE, CHARLES WKST, New Castle, Pa.

LANDIS, DEWITT
KFYO, Lubbock, Texas.

LARGE, HOWARD CHAB, Moose Jaw, Sask, Go-

mg Places With the Millers.

CBS, Wrigley Program, LASSEL, LEO KRSC, Scattle, Wash,

LAUGHLIN, KEN KFQD, Anchorage, Alaska.

LAUX, FRANCE KMOX, St. Louis, Missouri.

LAWDER, SAM WRTD, Richmond, Va.

LEARY, AL CKCL, Toronto, Ontario, Canada.

LEE, BERT WMCA, New York, N. Y.

LEISURE, CLARENCE KHSL, Chico, Calif. LENNOX, JAMES
KHBG, Okmulgee, Oklahoma,

LEVY, BERNARD WRDW, Augusta, Georgia,

LEWIS, FRANKLIN WGAR, Cleveland, O.

LEWIS, JOHN WJTN, Jamestown, N. Y.

LINTHICUM, WALTER WBAL, Bullimore, Md.

LLOYD, JOHN WIHT, Hartford, Cone.

LOMAN, STAN WOR, Newark, N. J.

LONG, DEANE 8.

WSAL, Salisbury, Md.

LOWRANCE, BOMAR WSOC, Charlotte, N. C.

LUNDQUIST, ELDON WTRC, Elkhart, 1nd.

LYBARGER, WILLIAM WBRB, Red Bank, N. J.

___ M ___

McALISTER, R. B. KEYO, Lubbnek, Texas.

McCARTEE, ALLAN WBRC, Birmingham, Ala.

McCARTHY, CLEM
NBC. Krueger Sports Reels.
General Motors Fights.

McCARTY, JACK KORE, Eugene, Ore.

McCOV, B. C. WBRC, Birmingham, Ala.

McCURLEY, LANSE WDAS, Philadelphia, Pa.

McDONALD, ARCH WJSV, Washington, D. C.

MeGHEE, ADDISON F. WKAT, Miami Beach, Florida.

McGOFFIN, MAC KXRO, Aberdeen, Wash.

MeGREGOR, HORACE WMSD, Sheffield, Ala.

McKAY, J. WMBC, Detroit, Mich.

McKEAN, EDDIE KFH, Wichita, Kans.

McLINN, GEORGE WIP, Philadelphia, Pa.

McMAHON, TOM WBNF, Binghamton, N. Y.

McMILLAN, DON CKCK, Regina, Saskatchewan, Canada.

McNULTY, CHARLES WDBJ, Roanoke, Va.

McTIGUE, HARRY WHAM, Rochester, N. Y.

MACBETH, ALEX G. WLAW, Lawrence, Mass.

MacCREADY, HERBERT B. WEW, St. Louis, Missouri.

MacDILL, WILFRED WTAD, Quincy, Ill. MACK, JOHNNY KMTR, Hollywood, Calif.

MACKAY, DON CJCJ, Calgary, Alta,

MacMILLAN, LOWELL WHEC, Rochester, N. Y.

MANNING, TOM NBC, World Series, All Star Baseball Game, WTAM, Cleveland, Ohio.

MARBLE, HARRY WCAU, Philadelphia, Pa.

MARGET, MANNY KVOX. Moorhead, Minn.

MARIANA, NICK KGVO, Missoula, Mont.

MARKEY, RAY WTHT, Hartford, Conn.

MARKS, GARNETT WMCA. New York. N. Y. General Mills.

MARKWARD, BILL WCAM, Caniden, N. J.

MARTIN, O.O. CHLP, Montreal, Quebec, Canada.

MARTIN, REGGIE WJNO, West Palm Beach, Florida.

MARTIN, GTL WDRC, Hartford, Coun.

MARTINO, PEDRO WNEL, San Juan, Puerto Rico.

MAYNARD, JACK KBST, Big Spring, Texas.

MICHEL, AL WTAQ, Green Bay, Wisconsin, WHBY,

MILDER, NATE WALR, Zanesville, O.

MILLER, HOWARD A. WGIL, Galesburg, III.

MILLER, JOHN WSJS. Winston-Salem, N. C.

MILLS, FRANK KGKO, Fort Worth, Texas

MITCHELL, JACK

WRR, Dallas, Texas.

MOCK, BILL

KEX, Portland, Oregon.

MOCK, BILL

KGW, Portland, Oregon.

MONTELL, DOUG KSFO, San Francisco, Calif.

MOORE, HENRY KPLT, Paris, Texas.

MORALES, MIGUEL A.
WNEL. San Juan, Puerto
Rico.

MORAN, JACK WABI, Bangor, Me.

MOREY, ART KWJI, Portland, Ore.

MORRISON, ARTHUR
CJRC, Winnipeg, Manitoba,
Canada,

MOSHIER, JEFF WSUN, St. Petersburg, Florida. MULLINAX, EDWIN WHMA, Anniston, Ala.

MULVAHILL, MARV KFXJ, Grand Junction, Colo.

MURRAY, JACK WAYX, Waycross, Georgia.

MURRAY, JIM WCAE, Pittsburgh, Pa.

MURRAY, KEN
CJRC, Winnipeg, Manitoba,
Canada.

MYERS, JOE KFEL, Denver, Colo.

MYERS, JOE KOA, Denver, Colo.

_ N _

NASH, WILLIAM KOH, Reno, Nev.

NASSAU, JOE WIBG, Glenside, Pa.

NEBLETT, JOHN WBNS, Columbus, Ohio.

NELSON, RALPH KCKN, Kansas City, Kans.

NIEVES, M. A. WPRP, Ponce, Puerto, Rico.

NOLL, HERMAN WKOK, Sunbury, Pa.

NORMAN, NEIL WIL, St. Louis, Missouri.

NORMAN, RUSS WHIS, Bluefield, W. Va.

NORRIS, BOBBY WMAZ, Macon, Georgia.

NORRIS, PAUL WSIC, Charlotte, N. C.

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OAKES, BARNEY WATL, Atlanta, Ga.

O'CALLAHAN, GENE WCNW, Brooklyn, N. Y.

OGELSBY, WARWICK WHAT, Philadelphia, Pa.

O'HARA, JOHN KWK, St. Louis, Missouri.

OLDAKER, LYNN KGFX, Pierre, S. Dak.

OTT, WOODY WESG, Elmira, N. Y.

OWEN, GORDON KUTA, Salt Lake City, Utah.

OWENS, MAURICE P. WROK, Rockford, III.

- P —

PAGET, JOE WJDX, Jackson, Mississippi.

PALANGE, ANGELO WINS, New York, N. Y. Adams Hats Programs.

PARKER, BEN KWEW, Hobbs, New Mexico.

PARKER, EARL WDZ, Tuscola, III.

PARKES, HAL KUTA, Salt Lake City, Utah. PARTNER, DAN KSAC, Manhattan, Kans.

PASCOE, PALLIE CHAB, Moose Jaw, Sask, Going Places with the Millers.

PATRICK, VAN KRMD, Shreveport, La.

PEARSON, ED. WCOP, Boston, Mass.

PEARSON, FORT WMAQ-WENR, Chicago, III.

PENFIELD, AD, WDNC, Durham, N. C.

PENSON, J. C. CFAR, Flin Flon, Man.

PERRY, ROBERT N. WORL, Boston, Mass.

PETRANKA, JOE WSFA. Montgomery, Ala.

PHILLIPS, D. G. WFBC, Greenville, S. C.

PIGUE, BOB WMC, Memphis, Tenn.

POOLE, BILL WGPC, Albany, Georgia.

POPE, BILL WESG, Elmira, N. Y.

POWELL, BUD CFGP, Grand Prairie, Alberta,

POWERS, JIMMY WMCA, New York, N. Y.

POYNER, GRAHAM WPTF, Raleigh, N. C.

PROUGH, ED WDAY, Fargo, N. D.

PUCKETT, BERT WMT, Cedar Rapids-Waterloo, Iowa.

PURCELL, BURKE KGFX, Pierre, S. Dak.

— R —

REAMS, TED WRVA, Richmond, Va.

REID, TIM CKSO, Sudburg, Ont.

REUNING, FRED WOPI, Bristol, Tenn.

REVELL, ORVILLE WKAT, Miami Beach, Florida.

RIBB, JIMMIE KNOW, Austin, Texas.

RICHARDS, JACK KEUB, Price, Utah.

RICHARDSON, BOB KWK, St. Louis, Missouri.

RIDER, MAURICE KIRO, Scattle, Wash.

RILEY, LEN
WFBM, Indianapolis, Ind.

RING, BILL KWTO - KGBX, Springfield,

No.

RISS, DAN WRUF, Gainesville, Florida.

ROBB, MAJOR WSAL, Salisbury, Md. ROGERS, EDLY KALB, Alexandria, La.

ROGERS, IRV. KALB, Alexandria, La.

WHIO, Dayton, Ohio.

ROSKIN, LEWIS CJOC, Lethbridge, Alta.

ROUSH, CHARLES
WIBC, Indianapolis, Indiana.

ROWENS, JR., W. E. KRRV, Sherman, Texas.

RUDOLPH, JOE WCBD, Chicago, Ill.

RUGII, VIC KFII, Wichita, Kans.

-- s --

ST. JAMES, CHRIS WCNW, Brooklyn, N. Y.

SAKRY, CLIFFORD KFAM, St. Cloud, Minn.

SAMP, EDWARD WHA, Madison, Wisconsin.

SARFF, BOB KVOX, Moorhead, Minn.

SCHMIDT, RAY KWK, St. Louis, Missouri.

SCHRODER, BILL KECA, Los Angeles, Cal.

SCHUDT, R. E. WHAZ, Troy, N. Y.

SCOFIELD, DAVE KFRC, San Francisco, Calif.

SCOTT, ALAN WCAU, Philadelphia, Pa.

SEROTA, SAM WHAT, Philadelphia, Pa.

SHAFER, JOHN C. WKY, Oklahoma City, Okla.

SHANNON, BOB KWNO, Winona, Minn.

SHELTON, JIM WSAU, Wansau, Wisc.

SHERMAN, BILL WAVE, Louisville, Ky.

SHERMAN, BUD

WBAP, Ft. Worth, Texas.

SHREVE, LEONARD KWLK, Longview, Wash.

SHUMATE, GENE KRNT-KSO, Des Moines, Ia,

SIEBERT, HERB KWYO, Sheridan, Wyo.

SIEGEL, BUDDY KOME, Tulsa, Okla.

SILVA, FRANK WSAY, Rochester, N. Y.

SIMMONS, P.

KFNF, Shenandoah, Ia.

SIMONDS, HAL WFIL, Philadelphia, Pa.

SINGLE, IRWIN WHN, New York, N. Y.

SIPES, LEON KELD, El Dorado, Ark.

SLATER, BILL KFPW, Fort Smith, Ark. SMALL, FRANK WARD, Brooklyn, N. Y.

SMITH, BERT WAAW, Omaha, Nebraska.

SMITH, BOB WOOD-WASH, Grand Rapids, Mich,

SMITH, ERNIE KYA, San Francisco, Calif.

SMITH, TOM WPEN, Philadelphia, Pa.

SPARKS, H. A. WSLI, Jackson, Miss.

SPENCER, CHARLIE WHIS, Bluefield, W. Va.

SPENCER, LESTER WIHO, Dayton, Ohio.

SPRAGUE, ED A. WWVA, Wheeling, W. Va.

STAHL, GEO. WKOK, Sunbury, Pa.

STANTON, BOB WWJ, Detroit, Mich.

STARR, JACK KMBC, Kansas City, Mo.

STEARNS, BILL WHEB. Portsmouth, New Hampshire.

STEELE, ROBERT WTIC, Hartford, Conn.

STEMMLER, NICK WSYR, Syracuse, N. Y.

STEPHENSON, STURART X. WSFA, Montgomery, Ala.

STERN, BILL NBC, Sports Scraps.

STEVENS, JACK WTIC, Hartford, Conn.

STEWART, CLARENCE KVOR, Colorado Springs,

STIMERS, REX CKTB, St. Catharines, Ont.

STOUT, ALLEN WKRC, Cincinnati, Ohio.

STULLA, WILLIAM KOA, Denver, Colo.

SULLIVAN, JOHN
KPDN, Pampa, Texas.

SUTHERLAND, BILL KDKA, Pittsburgh, Pa.

SUTHERLAND, GEORGE WMEX, Boston, Mass. Sutherland Sports Trail.

SUTTERFIELD, PHIL WCSC, Charleston, S. C.

SWEENEY, BUDD WHKC, Columbus, Ohio.

SWEET, EDGAR E. WFBG, Altoona, Pa.

-T

TAUB, SAM WHN, New York, N. Y.

TERRY, BILL WSGN, Birmingham, Ala.

THOMPSON, BILL KWYO, Sheridan, Wyo. THOMPSON, HAL, WFAA, Dallas, Texas,

THOMPSON, JIMMIE WFBC, Greenville, S. C.

THOMPSON, ROY WFBG, Altoona, Pa.

THORNBURGH, VERNON WCPO, Cinemnati, Ohio.

THORP, JOHN KYW. Philadelphia, Pa.

TIDWELL, EDGAR KGB, San Diego, Calif.

TOBOLA, JOHN J.

WAYX, Wayeross, Georgia.

TONGE, R. E. KTSA, San Antonio, Texas.

TOTTEN, HAL

NBC, Baseball,
WMAQ-WENR, Chicago, Ill.
WCFL, Chicago, Ill.

TRAVSER, DON WMFF, Plattsburg, N. Y.

TREDWAY, BILL KTRI, Sioux City, Iowa.

TRUITT, ROLLIE KEX, Portland, Oregon.

TRUITT, ROLLIE KGW, Portland, Oregon.

TURNER, CLAUDE KGCU, Mandan, North Dakota,

TVSON, TY WWJ, Detroit, Mich.

__ V __

VACKNER, CHARLES WHN, New York, N. Y.

VANCE, KENNETH WGCM, Mississippi City, Mississippi

VEDDER, CHESTER WGY, Schenectady, N. Y.

VELA, WILLIE

KPAB, Laredo, Texas.

VENTER, MEL KFRC, San Francisco, Calif.

VINEY, HENRY CJOC, Lethbridge, Alta.

VOLTZ, LUTHER WIOD, Miami, Florida.

VON ROTH, ROGER
WAIR, Winston- Salem, N. C.

– W –

WAGNER, CHARLEY WCAM, Camden, N. J.

WAGNER, JACK KHUB, Watsonville, Calif.

WAGNER, RALPH WOW, Omaha, Nebraska.

WALLACE, JACK KBST, Big Spring, Texas.

WALSH, GEORGE WHAS, Louisville, Ky.

WALTMAN, LA VELL KFAM, St. Cloud, Minn.

WALTON, LUKE WBOW, Terre Haute, Ind. WARDEN, AL KLO, Ogden, Utah.

WARREN, CHARLES WCOL, Columbus. Ohio.

WEBBE, TED WINS, New York, N. Y.

WEGMAN, ED WSAY, Rochester, N. Y.

WELSH, BILL KFEL, Denver, Colo,

WESLEY, JAY WEEI, Boston, Mass.

WHISENANT, A. D. KRBC, Abilene, Texas.

WILBUR, GORDON WNLC, New London, Conn.

WILLIAMS, BILL WNBC, New Britain, Conn.

WILLIAMS, GLAN

KCRC, Enid. Okla.
WILLIAMS, PAUL

KOCY, Oklahoma City, Okla. WILLIAMSON, GORDON

CFRN, Edmonton, Alta. The Best in the West Program.

WILLIAMSON, W. S. KFKA, Greeley, Colorado,

WILLIS, ED WLAP, Lexington, Ky.

WILLIS, CAPTAIN WALTER WHN, New York, N. Y.

WILLS, PAUL WTMV, East St. Louis, Ill.

WISMER, HARRY WJR, Detroit, Mich.

WOLF, HAL KJR. Scattle, Washington.

WOLF, HAL KOMO, Scattle, Washington.

WOLF, SOL WRAK, Williamsport, Pa.

WOOD, FRED WSNJ, Bridgeton, N. J.

WOODHOUSE, WOODY WDNC, Durham, N. C.

WOODS, JAMES M. KGLO, Mason City, Ia

WOODWARD, LEROY WOMI, Owensboro, Ky.

WOOLFRIES, A. G. WOI, Ames, Ia.

WYNNE, FLOYD KLPM, Minot, N. D.

WYNNE, RICHARD KYA, San Francisco, Calif.

– Y –

YONDT, MAX KGVO, Missoula, Mont.

YOUNG, JAMES W. WIS, Columbia, S. C.

YOUNG, RUSTY CJRC. Winnipeg, Manitoba, Canada.

YOUNG, "TUCK" WSPA, Spartanburg, S. C.

YOUSE, ROBERT WDBJ, Roanoke, Va.

Backstag

Those Engaged in Radio Production and their work during 1938





--- A -

ABELOFF, IRWIN WRVA, Richmond, Va.

ADAMS, CHARLES LEE WHB, Kansas City, Missouri

ADAMS, FELIX WLW, Cincinnati, Ohio

ADAMS, WILLIAM J. WDAN, Danville, 1tt.

ADAMSON, W. G. WKTB, St. Catharines, Ont.

ALBER, PAUL WSNJ, Bridgeton, N. J.

ALEXANDER, JOHN KFBB, Great Falls, Mont.

ALEXANDER. ALTON The Hour of Charm, NBC. General Motors Concert, Five Star Final, CBS. Sweet-Time. MBS-CBS. Fun heart in Swingtime, MBS.

ALISON, ADAH SMITH WICC, Bridgeport, Conn. Connecticut Federation of Music Clubs Program.

ALLABOUGH, JR., J. L. WJJD, Chicago, Ill.

ALLEN, BOB KSTP, St. Paul-Minneapolis, Mina.

ALLEN, EDGAR L. KTRI, Sioux City, Iowa. AMAULI, GUILIO WHOM, Jersey City, N. J.

AMUNDSEN, ALBERT WMBH, Joplin, Missouri ANDERS, WAYNE

RWNO, Winona, Minn. ANDERSON, DICK WHO, Des Moines, Jowa-

ANDERSON, ORYAL WRUF, Gainesville, Florida.

ANDRIA, SABRI WBBC, Brooklyn, N. Y.

ARMSTRONG, BERNIE KDKA, Pittsburgh, Pa.

ARNOLD, DENMAN WSAU, Wansan, Wise.

ARNOLD, JUNE WGH, Newport News, Va.

ARTHUR, RENE CKCV, Quebec, Que.

ASHLEY, ARTHUR
WHOM, Jersey City, N. J.

AUSTIN, CLAUDE Voice Coach.

AUSTIN, MADELINE CFAC, Calgary, Alberta, Can-

BADALOTI, MARIO WOV, New York, N. Y. La Perla, Proefer and Gamble Oxydol Program.

BALDWIN, LEON CKCV, Quebec, Que, BARBER, JAMES ALDEN KGVO, Missoula, Mont.

BARNES, FRANK W. KGIW, Alamosa, Colo.

BARNHART, CHARLES E. WTMV, East St. Louis, 111.

BARNHART, L. D. WMAQ-WENR, Chicago, Ill.

BARRETT, MAURICE WHN, New York, N. Y.

BARRY, CHARLES WMAL-WRC, Washington, D.

BARTELL, GERALD WHA, Madison, Wisc.-WKBM, Stevens Point, Wisc. Wisconsin School of the Air, Wisconsin College of the Air.

BASS, FRED C. CKWX, Vancouver, B. C. BATCHELDER, KATHERINE

WCOP, Boston, Mass. BATSON, CHARLES WFBC, Greenville, S. C.

BAXTER, LIONEL WAP1, Birmingham, Ala.

BAXTER, PAT KTEM. Temple. Texas.

BEAL, BILL KDKA, Pittsburgh, Pa.

BEARD, JAY P. KBTM, Jonesboro, Ark.

BEAVERS, WALLACE WCOL. Columbus, Ohio.

BEDFORD, HOWARD CKNX Wingham, Ontario Canada.

BELL, VICTOR KUTA, Salt Lake City, Utah.

BENANDER, MILTON WMC. Memphis, Tenn.

BENNETT, DONN WNBF, Binglamiton, N. Y.

BENNETT, JOHN KHUB, Watsonville, Calif.

BENNETT, RUSSELL WKAT, Miami Beach, Fla.

BENNETT, THURSTON WRDW, Augusta, Ga. BENTLEY, ROBERT

WCPO, Cincinnati, Ohio. BERLIZA, RAFAEL WNEL. Puerto San Juan. Rico.

BERNARD, DON KNX. Los Angeles, Calif.

BERRY, CHARLES WBIL, New York, N. Y. BERRY, JACK

WORL, Boston, Mass.

BETTS, FRANKLIN L. WCHV, Charlottesville, Va.

BIONDI, FERDINAND CKAC, Montreal, Quebec, Can.

BISHOP, JULIAN KFRO, Longview. Texas

BITTIKOFER, TALMAGE J. WMBI, Chicago, III.

BIXBY, CARL CBS. Life Can Be Be Beautiful, This Day Is Ours.

BLACKWELL, GEORGE C. WOMI, Owensboro, Ky.

BLAIR, FRANK WOL, Washington, D. C.

BLAKE, AFTON KFPW, Fort Smith, Ark. BLAKELY, CLINT

WAPI, Birmingham, Ala. BLANCHARD, LOWELL WNOX, Knoxville, Tenn.

BLAND, LEE WKRC, Cincinnati, Ohio.

BLENDER. MORTON WCOP, Boston, Mass.

BLISS, MILTON WHA, Madison, Wise, WLBL, Stevens Point, Wise, Wiscon-sin College of the Air.

BOLEY, JOSEPH WBIL, New York, N. Y.

BOLEY, JOSEPH WOV, New York, N. Y.

BOONE, JULIAN II. BOOTON, FRAN WDZ, Tuscola, III.

BOTTERILL, NORMAN CJCA, Edmonfou, Alta.

BOSMAN, JOHN WMBG, Richmond, Virginia.

BOURASSA, YVES

CKAC, Montreal, Quebec, Can.

BOWER, C. ROGER WOR, Newark, N. J.

BOYLE, HARRY J. CKNX, Wingham. Ontario, Canada.

EOYLING, J. S. CHAB, Moose Jaw, Saskatch-ewan, Canada,

BRADLEY, ROLAND KJR, Seattle, Wash.

BRADLEY, ROLAND KOMO, Seattle, Wash.

BRADSHAW, YAUGHN WTAR, Norfolk, Va. BRAUN, EDMUND WBLY, Lima. Ohio.

BRAXTON, JACK WEED, Rocky Mount, N. C.

BRECKNER, GARV KNX, Los Angeles, Calif.

BREENE, GRACE WICC. Bridgeport, Conn. Tom Thumb Theatre,

BREESE, GEORGE KFBK, Sacramento, Calif.

BRENNER, ROBERT WMEX, Boston, Mass.

BRENT, EDWARD WLEU, Eric, Pa.

BRIGGS, FRED KVOE, Sanfa Ana, Calif.

BROUSEK, ANTON WEDC, Chicago, 111.

BROWN, ALLEN WHMA, Anniston, Ala.

BROWN, ART WOL. Washington, D. C.

BROWN, LELAND KGV. Olympia, Wash,

BROWN, AL RAY KABR, Aberdeen, S. Dak,

BROWN, BEVERLY WWL. New Orleans, La. BROWN, GORDON

KSRO, Santa Rosa, Calif.

BROWN, HOWARD WIP, Philadelphia, Pa,

BROWN, LORRAINE
WICC. Bridgeport. Conn.
Brown Sisters Program.

BROWN, MARY McCORD KFEL, Denver, Colo, Woman's Page Program,

BRVAN, WM. C. KTSA, San Antonio, Texas.

BRYNE, WOODRUFF WIS, Columbia, S. C.

BRYSON, M. CONREY KTSM. El Paso, Texas.

BURGENI, EDWARD WNBZ, Saranae Lake, N. Y.

BURGER, FRANK WIS, Columbia, S. C.

BURKE, BOB WMBH, Jophn, Mo.

BURKE, HARRA WOW, Omalia, Nebr.

BURT, BILLY WTAQ, Green Bay, Wise, WHBY,

BUSS, ROBERT CJOC, Lethbridge, Alta.

— c —

CADY, MIKE KTRI, Sioux City, Iowa.

CALLISON, GLENN WGHz, Galesburg, Ill.

CANNIZZO, ROY WEDC, Chicago, III.

CAMERON, LAYMAN KWK, St. Louis, Mo.

CAPPIELLO, SAVEREO WARD, Brooklyn, N. V. 1(alian Director.

CAPPS. HORACE
WBOW. Terre Haute, Ind.

CARR, HAROLD WLW, Cincinnati, Ohio,

CARRAWAY, HOWARD KGKO, Fort Worth, Texas. CARRIGAN, EDWARD T. WUBG, Glenside, Pa.

CARTER, OPAL WHIS, Bluefield, W. Va.

CATTON, STAN CJOR, Vancouver, B. C.

CAVANOR, HAVLE C. WCCO, Minneapolis-St. Paul. Minn.

CENTOLA, GREG WMCA, New York, N. V.

CHAPMAN, JAMES KSAC, Manhattan, Kans.

CHAPPELL, ERNEST E.

MBS. The Show of the Week CHARM, SUMNER

WMEX, Boston, Mass.

CHOATE, C. A. KWNO, Winoua, Minn.

CHORMUK, DMVTRO WARD, Brooklyn, N. Y. Ckranian Director.

CHRISTMAN, EARL WHIO, Dayton, Ohio. Echoes and Encores.

CHURCH, MINA WGTM, Wilson, N. C.

CLARK, ALLAN WKY, Oklahoma City, Okla,

CLARK, DAVE KGNC, Amarillo, Texas.

CLARK, HOWARD CKSO, Sudbury, Ont.

CLARK, L. G. CKFC, Vancouver, British Columbia, Canada.

CLINE, CALDWELL WBT, Charlotte, N. C.

COFFIN. FRANK KWLK, Longview, Wash,

COGGESHALL, A. O. WGV. Schenectady, N. Y.

CBS, Kate Smith Show. COLLINS, THOMAS

COLLINS, TED

WNAD. Norman. Okla.

COMELLI, JOE KSRO, Santa Rosa, Calif.

COMPTON, WALTER WOL, Washington, D. C. CONNOLLY, JAMES

WMSD, Sheffield, Ala. CONRAD, RICHARD W.

WRJN, Racine, Wise,

CONWAY, CAL WHEC, Canton, Ohio, COOKE, F. TURNER

WMAS, Springfield, Mass. COOL, GOMER

KMBC, Kansas City, Mo.

COONTZ, EDDIE KVOO, Tulsa, Okla,

COOPER, ERNEST WBAL, Baltimore, Md.

COOPER, SAM WMCA, New York, N. Y.

CORBIN, PAUL
KELA, Betw. Centralia a

KELA, Betw. Centralia and Chehalis, Wash,

COREY, YIRGIL KANS, Wichita, Kans.

CORNING, WALTER WNOX, Knoxville, Tenn.

COTT, TED
WNYC, New York, N. Y.
Augrica's Hour of Destiny,
Radio Playhouse Workshop,
The White Flame, Hall of
Frame.

COTTON, BOB WINS, New York, N. Y.

COUTLEE, J. RENE CHRC, Quebec, Que.

COZINE, LEN CJRM, Regim, Sask.

CRABTREE, CHARLES KTFL Twin Falls, Idaho,

CRAWFORD, VERNON WFIL. Philadelphia, Pa.

CREASMAN, JAMES KTAR, Phoenix, Ariz

CRIZELL, TITO KGFI. Brownsville, Texas.

CROWELL, GEORGE WORL, Boston, Mass.

CRUTCHFIELD, CHAS, II, WBT, Charlotte, N. C.

CUBBERLY, DAN KGY, Olympia, Wash,

CUNNINGHAM, B. WSUN, St. Petersburg, Fla.

CUPP, ROD WLS, Chicago, III.

CURTIS, TOM KEVO, Lubbock, Texas.

— D —

DALLAS, A. A. KGIW. Alamosa, Colo. DALV, ARTHUR

WMAL-WRC, Washington, D. C.

DANE, HARRY CJRM, Regina, Sask,

DAUMLER, HERMAN WTAQ, Green Bay, Wise,

DAVENPORT, JAMES WRDW, Augusta, Ga. DAVIDSON, BHLL

KFRC, San Francisco, Calif.

BAVIS, PATSY KWSC, Pullman, Wash, Classroom Echoes,

DAWSON, DON CKCK, Regina, Saskatchewan, Camada,

DAWSON, MILES WCNW, Brooklyn, N. Y.

DEAN, BEV WCKY, Cincinnati, Ohio.

DEHMER, FRED KFRO, Longview, Texas.

DeLASAUX, HARRY KYCV, Redding, Calif.

KYCV, Redding, Calif. BEL CASTILLO L. G.

DEL CASTILLO, L. G. WEET, Boston, Mass.

DELTA, FRED WMBG, Richmond, Ya.

DEL TARO, G. WPRP, Ponce, Puerto Rico.

WPRP, Ponce, Puerto Rico, DeMOSS, LYLE WOW, Omaha, Nebr,

DeMOTTE, JOE B. WSFA, Montgomery, Ala.

DENNID, LLOVD WJSV, Washington, D. C.

DAYANEY, FRANK WMIN, St. Paul-Minneapolis,

Mino.
Devore, Thomas

Canada.

WBNS, Columbus, Ohio, DICKSON, A. S. CFCY, Chimbotictewn, P. E. I.,

DICKSON, SAMUEL KGO, San Francisco, Cal. KPO DIEHL, BOB WHP, Harrisburg, Penn.

DIESPECKER, DICK CJOR, Vancouver, B. C.

DILLAHUNTY, THOMAS KCMC, Texarkanna, Texas.

DISNEY, PETER R. WHAS, Louisville, Ky. DIXON, BERT

WNYC, New York, N. Y. DIXON, DON

KDKA, Pittsburgh, Pa.

DIXON, MASON WFBC, Greenville, S. C.

DOLBIER, MAURICE WABI, Bangor, Me.

DONNELLY, WILLIAM WICC, Bridgeport, Conn. Tom. Thumb Theatre.

DONOHOE, HOWARD WMMN, Fairmont, W. Va.

DORSEY, HOWARD WMBD, Peoria, Ill,

DOUGAL. TOM WXYZ. Detroit, Mich. DRAKE, MAURICE

WCNW. Brooklyn. N. Y. DREYFUS, WOODS

WISN, Milwaukee, Wise, DRUMMOND, DAVID KGO, San Francisco, Cal.

KPO. DWAN, ROBERT KGO, San Francisco, Calif.

— E —

EBERT, BOB WLBC, Muncie, Ind.

KPO

EBI, EARL WWJ. Detroit. Mich.

EDMONDS, JACK WLW, Cincinnati, Ohio.

EDWARDS, BILL WMMN, Fairmont, W. Va.

EDWARDS, C. WESLEY KSAN, San Francisco, Calif.

EDWARDS, EDDIE KMBC, Kansas City. Mo. Sound effects.

EDWARDS, GENE WDAS, Philadelphia, Pa.

EDWARDS, JOHN I. KECA. Los Angeles, Calif.

EGGLESTON, STUART KMBC, Kansas City, Mo.

ELLIOTT, WILLIAM WICC, Bridgeport, Conn.

ELLIOTT, W. W. KSAL, Salina, Kans.

ELLSWORTH, SHERRILL KGIW, Alamosa, Colo.

ELMAN, DAVE

NBC. Hobby Lobby.

ENGEL, HAROLD A.
WHA. Madison. Wise. WLBL,
Stevens Point. Wise. Wisconsin College of the Air.

EREKSON, REID WLB, Minneapolis, Minn.

EUBANKS, EUGENE WMAQ-WENR, Chicago, Ill.

EVANS, FLEM WCHS, Charleston, W. Va.

EVANS, TREVOR KJR, Seattle, Wash,

EVANS, TREVOR KOMO, Scattle, Wash,

EVANS, VIRGIL KALB, Alexandma, La.

__ F_

FARRELL, MAURY WAPI, Birmingham, Ala.

FAWCETT, GILBERT KDAL, Duluth, Minn.

FENNER, BERNARD WAAW, Omaha. Nebr.

FENNIMORE, GENE KFYO, Lubbock, Texas.

FEYHL, HORACE

WCAU, Philadelphia, Pa.

FIDLAR, ROBERT WHIO, Dayton, Ohio.

FIELDING, BILL WMC, Memphis, Tenn.

FIELDS, MERLE WTRC, Eikhart, Ind.

FILLING, GEORGE WCAO, Baltimore, Md.

FINGER, LEN KFJZ, Fort Worth, Texas.

FINGER, LEN KTAT, Ft. Worth, Texas.

FLANAGAN, ALVIN WRUF, Gainesville, Fla

FLETCHER, NEIL KGKB, Tyler, Texas.

FLINT, IL HARRISON WLAW, Lawrence, Mass.

FLINT, JAMES C. WHA, Madison, Wise, WLBL, Stevens Point, Wise, Wiscon-sin College of the Air, Wiscon-sin School of the Air.

FOLL, CHARLES KWLK, Longview, Wash,

FONDREN. ELMER KGGM. Albuquerque, N. M. FORTIER, ALINE M.

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FULLER, SAM WLW, Cincinnati, Ohio,

FULTON, FRED KELA, Betw. Centralia and Chehalis, Wash.

FUSON, JAMES KOME, Tulsa, Okla,

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GAVIN, WILLIAM KOMO. Scattle, Wash.

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HACKWORTH, ERNEST KFJZ, Fort Worth, Texas.

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NUNN, GILMORE N. WLAP, Lexington, Ky.

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SIVERSON, CHARLES WHAM, Rochester, N. Y.

SLATER, NORVELL KVOO, Tulsa, Okla.

SLATER, NORVEL WHB, Kansas City, Missouri, SMITH, ALBERT W.

WCSH, Portland, Me. SMITH, DICK WHB, Kansas City, Mo.

SMITH, ED WHP, Harrisburg, Penna. SMITH, THOMAS B, WPEN, Philadelphia, Pa.

SMITHSON, HAROLD

KHSL, Chico, Calif.

SNOWDEN, BYRON WQDM, St. Albans, Vt. SNOWDEN, TOMMY

WEED, Rocky Mount, N. C.

SOLLARS, RAY
KTUL, Tulsa, Okla.
SPECHT, EDDIE

KELA, Betw. Centralia and Chehalis, Wash,

SPEER, JOHN R. KFH. Wiebita, Kans.

SPENCER, JOSEPHINE WWNC, Ashville, N. C.

SPENCER, LESTER WHIO, Dayton, Ohio,

SPENCER, WILLIAM H. WDWS, Champaign, Ill.

SPIEGLE, STANLEY KXRO, Aberdeen, Wash.

STAHORNE, LEE KGO, San Francisco, Calif. KPO.

STANLEY, J. C. WMAQ-WENR, Chicago, Ill.

STEADMAN, BILLY WGTM, Wilson, N. C. STEADMAN, JOHN

WSBC, Chicago, Ill. STEARNS, WILLIAM WHEB, Portsmouth, N. H.

STEELE, F. KRKO, Everett, Wash.

STEINERT, OTTO

WBBC, Brooklyn, N. V.

STERNI, GIUSEPPI WOV. New York, N. Y. La Rosa Macaroni Program.

STEVE, FANNIE WHA, Madison, Wise, WLBL, Stevens Point, Wise, Wiscon-sin School of the Air.

STEWART, E. CALDWELL WSFA, Montgomery, Ala.

STEWART, JAMES KMOX, St. Louis, Mo. STEWART, LILLIAN

WOR. Moonbeams.

STICKLES, MELVIN WDEV, Waterbury, Vt. STILES, PAUL

WNBH, New Bedford, Mass.

STOCKTON, ROSCOE K. KOA, Denver, Colo.

STOWE, ARTHUR KEHE, Los Angeles, Calif. STRATTON, ALAN

WBIL, New York, N. Y. STULLA, WILLIAM KOA, Denver, Colo.

SULLIVAN, JOHN KPDN, Pampa, Texas

SUR, WILLIAM R. WHA. Madison, Wise, WLBL, Stevens Point, Wise, Wiscon-sin School of the Air, Wisconsin College of the Air.

SUTTON, ART KMPC, Beverly Hills, Calif.

SWAN, ROBERT W. KFAC, Los Angeles, Calif.

SWARTZ, W. R. KPPC, Pasadena, Calif.

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TALLEY, BILL KUMA, Yuma, Ariz.

TAPLEY, S. E. CJCS, Stratford, Ontario, Can.

TAPLINGER, SYLVAN CBS, Kate Smith Show.

TAYLOR, CLAUDE WEED, Rocky Mount, N. D.

TAYLOR, J. LEONARD WKST, New Castle, Pa.

TAYLOR, PAUL NBC. Choral Director.

TAYLOR, SAM KWJJ, Portland, Ore.

TEDDLIE, PETE WRR, Dallas, Texas,

TERRY, BILL WSGN, Birmingham, Ala. THIVIERGE, J. N.

CHRC. Quebie. Que.

THOMAS, TOMMY KIRO, Scattle, Wash, THOMPSON, DON

WMAQ-WENR, Chicago, III,

THOMPSON, JACK CKCL, Toronto, Ontario, Can.

THOMPSON, VI KGVO. Missoula, Mont.

THOMPSON, WADE

KVI, Tacoma, Wash,
THORSTEINSON, A. L.

CFAR, Flin Flon, Main.

TIDWELL, EDGAR

KGB, San Diego, Calif. TILDEN, FRFDA KGY, Olympia, Wash,

TIMMONS, CATHERINE M.
WHA, Madison, Wise, WEBL,
Stevens Point, Wise, Wisconsin School of the Air.

TOBIN, M. E. KABR, Aberdeen, S. Dak.

NABR, Aberdeen, S. D TODD, JACK KANS, Wiebita, Kans, TRACM, BILL WROK, Rockford, Ill. TUCKER, MERLE E. KSAL, Salina, Kans,

TUFT, WILLIAM

TUFT, WILLIAM
WMBG, Richmond, Va.
TURNER, JENNIE M.
WHA, Madison, Wise, WLBL,
Stevens Point, Wise, Wisconstin College of the Air.
TURNER, PAUL
WDEY, Waterbury, Vt.
TUTTLE, WILSON M.
WOR, Newark, N. J.

— **U** —

ULRICH, A. B. WMAQ-WENR, Chicago, Ill. UNGAR, H. Z. WMBC. Detroit. Mich. URQUHART, CHARLES KDKA. Pittsburg. Pa.

-V .

VALENTINE, LEW
WOAI, San Antonio, Texas
VANCE, WILLIAM
WTAD, Quiney, III.

VANDINEER, JAMES KECA. Los Angeles, Calif. KFI

VANDEL GEORGE

Coronel on the Air, NBC, Beatrice Fairtax, MBS, Edwin C. Hill News Parade. CBS, March of Time, CBS, Tommy Dorsey Rateigh - Kool Show, NBC, Your Hit Parade, CBS. Melody Puzzles, NBC. Secret Agent K-7 Returns, NEC

VAN DRIEHL, BOB KGGM, Albuquerque, N. M.

VARES, GEORGE WEDC, Chicago.

VEDDER, CHESTER WGY, Schenectady, N. Y.

VENTER, MEL KFRC, San Francisco, Calif.

VENTERVA, VIOLET WMIN, St. Paul-Minneapolis, Minn.

VON MARBARD, HILDEGARD KWSC, Pullman, Wash, riety Show.

VOUTSAS, GEORGE

WMAQ-WENR, Chicago, III. VUNKANNON, CHARLES WMPS, Memphis, Tenn.

-w

WAGNER, A, K. WBBR, Brooklyn, N. Y.

WAGNER, JACK KHUB, Watsonville, Calif.

WALKER, BILL WHLB, Virginia, Minn.

WALLACE, JACK

KEST, Big Spring, Texas, WALLACE, WESLEY WPTF, Raleigh, N. C. WALLIS, EDWARD

WIP. Philadelphia, Pa.

WALSH, NED WNBZ, Saranae Lake, N. Y.

WALTZ, GORDON WLW, Cincinnati, Ohio

WAMBOLDT, M. P. Staff Producer, Transamerican Broadcasting & Television

WANNAMAKER, ALLEN

WGTM, Wilson, N. C. WARREN, CARLTON A. WOR, Newark, N. J. WARREN, ELLEN

WARREN, ELLEN
KSAC, Manthattan, Kans
WARREN, WILLARD
KJR, Seattle, Wash,
WARREN, WILLARD
KOMO, Sentile, Wash,
WATKINS, DICK
KRGV, Westaco, Texas
WATTON, ALFRED
KYW, Philadelphia, Pa,
WEATHERWAX, BEN K,
WEATHERWAX, BEN K, Kans.

WEATHERWAX, BEN K, KXRO, Aberdeen, Wash, WEBSTER, MAURICE ELTON

CBS, Columbia's Camera Club, Yours Sincerely.

WEEKS, E. W. KABR, Aberdeen, S. D.

WEGENER, DICK KARM, Fresno. Calif. WELCH, HOMER

KEX, Portland, Oregon

WELCH, HOMER KGW, Portland, Oregon, WELLS, W. V. CHAB, Moose Jaw, Saskatche-wan, Canada,

WELTMER, FRANK KOY, Phoenix, Ariz, WHITE, NORMAN E, WJR, Detroit, Mich,

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WHITE, M. RIED KWSC, Pullman, Wash, WHITE, ROBERT WMAQ-WENR, Chicago, Iit,

WIDNEY, STAN WHO. Des Moines, Iowa,

WIGGINS, WALLACE S. KVOE, Santa Ana, Calif

WILHELM, GEORGE KWJJ. Portland, Ore.

WILL BOB WDZ, Tuscola, III.

WILLIAMS, JACK KOY, Phoenix, Ariz.

WILLIAMS, M. J. WHIS, Bluefield, W. Va.

WILLIAMS, ROLLIE R. KMOX, St. Louis, Mo.

WILLIAMS, WALLY WEED, Rocky Mount, N. C.

WILLIS, EDGAR E. WILA. Madison, Wise, WLBL, Stevens Point, Wise, Wiscon-sin College of the Air.

WILLS, HARRY
WJMS, Jronwood, Mich.
WILLSON, JIMMIE

KPAB, Laredo, Texas. WILLSON, JIMMIE

WWL. New Orleans, La. WILSON, B.

WKBZ, Muskegon, Mich. WILSON, FRED WTAM, Cleveland, Ohio, WILSON, GEORGE EARLE KWTO-KGBX, Springfield, Mo.

WILSON, HAL, WGTM, Wilson, N. C.

WILSON, RAY WLW, Cincinnati, Ohio, WINSOR, ROY W.

WCCO, Minucapolis-St. Paul, Minn

WINTERS, EMERSON WJTN, Jamestown, N. Y.

WITOWSKI, ANTHONY WARD, Brooklyn, N. Y. Polish Director.

ish Director.

WOODARD, HOWARD E.
WTMV, East St. Louis, IR,
WOODFORD, A. M.
WBAP, Ft. Worth, Texas,
WOODLE, HAMILTON
WEBR, Bullalo, N. Y.
WOODLPERT, KELLY
KGER, Long Reach, Calif

WOLTERF, KELLY KGER, Long Beach, Calif, WRAGE, JOHN WHA, Madison, Wise, WLBL, Stevens Point, Wise, Wisconsm School of the Air.

WRIGHT, DON CJRM, Regina, Sask. WRIGHT, ROV II, CFRN, Edmonton, Alta.

WRIGHT, WYNN WMAQ-WENR, Chicago, III, WYLY, RUSSELL T.

KGKO, Fort Worth, Texas,

— Y -

YOUNG, DAVID R.
KGB. San Diego, Calif.
YOUNG, JAMES W. WIS, Columbia, S. C. YOUSE, ROBERT WDBJ, Roanoke, Va.

ZELLMER, LESTER WTRC, Elkhart, Ind. ZIEBARTH, E. W. WLB, Minneapolis, Minn. ZIMMERMAN, L. W. WHK, Cleveland, Ohio. ZINK, ALBERT WEBR, Buffalo, N. Y.

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M. M. POCHAPIN

President, Federal Recorder Co.

TO PROPHESY the future of instantaneous recording . . . we need but look to the past. A careful analysis from 1933 to 1939 brings us to one conclusion—instantaneous recording as an industry is growing up.

The progress that has been made, and the progress of the future will be made because of three outstanding factors:

Engineering Progress

- 1. The research and scientific development in the electronic and sound engineering field.
- 2. The gigantic strides made in the field of Radio, and the tremendous mass production of radio tubes and parts.
- 3. The simplification of operation—a development resulting from advances in the sound engineering field enabling the average person to operate a Recorder without any technical training.

As a result of these three dominant factors there can be found many similarities in the progress of recording to the progress we all know occurred in Radio. For example, when Radio was in its early stages, a good Console model cost at least \$500 and in many cases as high as \$1000. Today, a vastly improved unit can be purchased anywhere from less than \$100 to \$300. If we were to take a 1939 model Recorder and attempt to build the same unit 10 years ago, we would be fortunate if it could be manufactured for less than \$750 to \$1000. While it is true that recording has not reached the high level of development in production that radio has obtained, quality units are now available well below \$200.

Disks in Education

Looking upon instantaneous recording as a future major industry, it might be well to consider the many uses to which recording today is being put. Instantaneous recording is rapidly becoming a very important phase in our educational system.

Many schools are adopting the recording method of letting the students hear themselves as others hear them. Whether it be in public speaking, foreign language, dramatic or music departments, instantaneous recording permits a definite check on advance, marks progress, and remains a permanent reference at all times.

Disk Uses

Soloists and ensembles can record their numbers and correct mistakes they do not hear when playing. Band and orchestra directors can make recordings of classical numbers, and when they are broadcast by outstanding musical organizations, they are able to use them as guides in interpretation, tempo, etc. Modern dance orchestras use recordings to aid them in their rehearsals—making an initial recording of the number, and then playing it back so that each member may hear his own playing and make changes and corrections easily and quickly. Vocalists and entertainers make records of their best offerings to send to prospective sponsors.

Many conventions now have the entire proceedings recorded both for future reference and to send to groups who were not in attendance. Banquets, political speeches and other occasions are places where instantaneous recording is becoming quite common.

Amateur Use

Most important of all, every fairly prosperous home, every amateur movie enthusiast is a prospect for this type of equipment. It gives parents a permanent record of the voices of their children, and permits the recording of favorite radio programs as a hobby.

The above are the dominant factors in the development of instantaneous recording as a major industry. The elements of entertainment, pedagogy and vanity have already made the instantaneous Recorder acceptable not only to the thousands who are already Recorder conscious, but to the average home owner who can afford to spend upwards of \$175.

For those who are skeptical of consumer acceptance, let us paint a word picture of a typical 1939 model Recorder, now marketed. This model consists of a Recorder, complete with cutting head, amplifier, speaker, microphone and stand. In reality, it is a multiple recording unit combining four distinct units in one:

High Fidelity Recorder Public Address System Radio Electric Phonograph All that Mr. Consumer need do to record "little Susie's" recitation, is to turn a "Toggle Switch" to "Microphone." To record a desirable program coming over the air, he turns the switch to "Radio." Should Mr. Consumer have political aspirations, he can take the Recorder and Microphone to an auditorium and "blast away" with the help of a 15-watt amplified Public Address System. Should he possess a collection of fine classical records, he can get a new thrill by hearing them played as he never thought possible.

Improved Disks

A further contributing factor for 1939 Fidelity Recording is the improvement in the manufacture of recording discs, which are now sufficiently improved in quality to guarantee the almost entire elimination of surface noise, and hundreds of satisfactory playbacks. Most important in the development of discs has been the semi-automatic manufacture and the creation of discs retailing as low as 25c for two sides. This has eliminated the one serious objection to popularly priced recording . . . namely, the old-fashioned aluminum disc.

Mature Recordings

It is, therefore, the author's belief that the field of recording has already passed the period of its birth pangs. Much experimental development can still be done, but the past year has seen the realization that, what was once a professional's specialty, now warrants the application of the most modern merchandising methods in distribution. With the establishment of its commercial "citizenship," recording now stands on a threshold as limitless as the field of radio two decades ago.

AFRA CODE OF FAIR PRACTICE

"AFRA Code of Fair Practice for Commercial Broadcasting Minimum Terms and Conditions for Radio Artists" and the "qualifications," were signed February 2, 1939 by AFRA, CBS and NBC. It is binding upon advertising agencies and their clients.

CODE OF FAIR PRACTICE FOR COMMERCIAL BROADCASTING MINIMUM TERMS AND CONDITIONS FOR RADIO ARTISTS

We, the understand, on this......day
Federation of Radio Artists that we will accept
and conform to the Code of Fair Practice and
the minimum terms and conditions promulated
by them for the engagement of radio artists on
commercial broadcast programs produced under
our ansities on the network systems and their
several stations. We hereby accept notice of the
minimum terms and conditions as specified in
the schedules annexed to this Code, which schedules are included herein and are hereby made a
part of this Code.

The American Federation of Radio Artists (herein called AFRA) agrees and represents that it is and will continue to be an open union, AFRA agrees that it will keep its membership rolls open and will admit to membership all eligible radio artists whom we engage to appear on such commercial broadcasts. We agree that on all present and future commercial broadcasts produced by us, or under our auspices, we will use the services only of performers, including actors, singers and amounteers, who are members in good standing of AFRA or become such members prior to their appearance on such broadcasts, AFRA agrees not to impose unreasonable entrance fees or dues upon its members.

It is mutually arreed that it is a part of this Code of Fair Practice that the engagement of radio performers for all such present and future commercial broadcasts can be made only under the minimum terms and conditions provided berein or better.

We agree that we will not, for the purpose of evading performance under this Code, sublet or transfer responsibility for commercial network programs produced by us to any third person, and that we will not transfer our operations to any other points of origination for the purpose of defeating or evading this Code.

This agreement is in effect beginning with February 10, 1939, until and including February 10, 1941. We agree with the American Federation of Radio Artists for this period to submit to arbiration all questions relating to wages and working conditions affecting live commercial broadcasts not covered by this agreement and Code, as well as any controversy or dispute between AFRA and outselves arising with respect to this Code or the interpretation or breach thereof.

Such arbitration shall be conducted under the rules then obtaining, of the American Arbitration Association, with the following specific provisions;

Either party may demand such arbitration in writing, which demand shall include the name of the arbitrator appointed by it. Within three days after such demand, the other party shall name its arbitrator, or in default of such appointment, such arbitrators or shall be named forthwith by the Arbitration Committee of the American Arbitration Association. The two arbitrators so appointed shall select a third within a period of five days, from a panel submitted to them by the Arbitration Committee of the American Arbitration and in lieu of their agreement upon such third arbitrator, be shall be appointed by the Arbitration Committee of the American Arbitration. The hearing shall be held on two days' notice and shall be concluded within fourteen days unless otherwise ordered by the arbitrators. The award of the arbitrators shall be made within seven days after the close of the submission of evidence. An award agreed to by a majority of the arbitrators of physical confidering upon both parties, during the period of this agreement, and judgment upon such award may be entered by either party in the Highest Court of the Forum, State or Federal, having jurisoliction.

This agreement and Code of Fair Practice shall be construed by the laws of the State of New York.

IN WITNESS WHEREOF, we have signed this agreement and Code of Fair Practice on the day and year above stated.

ByProducer

American Federation of Radio Artists

SCHEDULE OF MINIMUM FEES AND CONDITIONS FOR RADIO ARTISTS APPEARING ON COMMERCIAL PROGRAMS USING THE FACILITIES OF THE NATIONAL BROADCASTING COMPANY, THE COLUMBIA AND MUTUAL BROADCASTING SYSTEMS AND THEIR SEVERAL STATIONS

ACTORS

Length of program	Fee	cast fee
15 minutes or less	\$15.00	\$10.00
16 to 30 minutes	25.00	12.50
31 to 60 minutes	35.00	17.50

Rehearsal: \$6.00 per hour, first hour required: after first hour, rehearsal may be computed and paid in half-hour periods at the rate of \$3.00 per half-hour or part thereof. Rehearsal for programs in excess of 15 minutes, may be held in two sessions, each session to be computed and paid for as a separate unit and no such session shall be computed as less than one hour. Individual compensation shall be on the basis of time contracted for, but additional rehearsal time may be requested and if agreed to, paid for.

In the event that an actor is engaged and paid for five 15-minute programs per week, then and only in that event the rehearsal time shall be computed at \$5.00 per hour, the first hour being required, and thereafter rehearsals may be computed and paid in half-hour periods at the rate of \$2.50 per half-hour or part thereof,

Thirteen Weeks' Continuous Guarantee:

(a) Where a producer on a fifteen-minute dramatic strip show by written contract with the actor guarantees a thirteen weeks' continuous non-cancellable engagement on such show, the producer may discount the actor's scales to the extent shown in the following schedule if the producer guarantees the actor the minimum amounts shown in the schedule, no matter whether he plays or reheatses or not. Base rate on rehearsals where such discount is effective is six dollars per hour. The schedule follows:

Single Broadcast Per Day

Appearances per Week	Discount Per Cent	Guaranteed Minimum
5	15	\$105.00
4	10	100.00
3	5	80.00

Broadcast and Repeat

Number of		
Appearances	Discount	Guaranteed
per Week	Per Cent	Minimum
5	15	*140.00
4	10	125.00
3	5	100.00

Advance Recording Plus Life Network Broadcast

(Each appearance means one for recording and one for live)

Number of		
Appearances	Discount	Guaranteed
per Week	Per Cent	Minimum
5	15	\$160.00
4	10	145.00
**	5	115.00

The compensation which shall be paid to the performer under a thirteen weeks' continuous guarantee contract as above specified, shall be the applicable fees plus rehearsal pay, less the discount above set forth, or the guaranteed minimum, whichever is higher.

(b) On written guaranteed continuous thirteen weeks' non-cancellable engagement of actors for

half-hour and hour shows, a discount from scale of ten per cent of the basic scale is allowed.

(e) On half-hour shows after four hours rebearsal per appearance, rehearsal rate drops to three dollars an hour beginning with the fifth hour of rehearsal, and on hour shows, the same is true after six hours, beginning with the seventh hour of rehearsal.

Program Auditions: Shall be paid for at onehalf the broadcast fee. Rehearsal time for auditions at the same rate as specified for regular broadcasts. This compensation is for program auditions; voice tests may be made without compensation but the producer shall not use this privilege unreasonably.

Recordings: Off-the-line recordings may be made and used only by the original sponsor or his affiliated companies. They must be used without extra fees to the performer under the following conditions:

- ta) Providing that such recordings are not broadcast on any major station in the city of origination; or broadcast to a network from the city of origination; or broadcast to any network providing national facilities; and providing further that such recordings are used once only for the original sponsor and are not broadcast on any major station affiliated with the National Broadcasting Company, Inc., the Columbia Broadcasting System, Inc., or the Mutual Broadcasting System, Inc., in New York, Chicago, Saut Francisco. Hollywood or Los Angeles Further providing, however, that this latter restriction shall not apply if recordings are made by network stations for later broadcasts only on that station because of unavailability of facilities at time of live broadcast, and such operations are billed to the sponsor as a network operation without recording charges:
- If off-the-line recordings are made and broadcast, except under the provisions outlined above, the performer shall be paid not less than the rebroadcast fee for such recording broadcast, unless he has already been paid a fee for a live re-broadcast.
- (b) Providing that such recordings are not broadcast later than two months after the discontinuance of the program on a live
- (c) Where a record is made either prior to or subsequent to a live broadcast or re-broadcast, and an extra performance is thereby required, the actor should be paid under the advance recording date and rehearsal time as specified heretofore in this scale.

Dramatized Commercials: Where the actor is engaged for a dramatized commercial, the following minimum scale shall apply:

Length of program	Fee	Re-broad- cast fee
15 minutes or less	\$15.00	\$7.50
16 to 30 minutes	20.00	10.00
31 to 60 minutes	25.00	12.50

A fifteen-minute rehearsal period prior to the dress rehearsal may be included in the foregoing scale.

SINGERS

Class 1—Groups of 9 or More Yoices:

Length of program	Fee	cust fee
15 minutes or less	\$14.00	\$7.00
16 to 30 minutes	16.00	8.00
31 to 45 minutes	18.00	9.00
46 to 60 minutes	20.00	10.00

Rehearsal: Orchestra and all coaching rehearsals \$4.00 per hour, first hour required; after first hour, rehearsal may be computed and paid for in quarter-hour periods at the rate of \$1.00 per quarter-hour or part thereof.

Class 2-Groups of 5 to 8 Voices Inclusive:

Length of program	Fee	cast fee
15 minutes or less	\$24.00	\$8.00
16 to 30 minutes	28.00	10.00
31 to 45 minutes	32.00	12.00
46 to 60 minutes	36.00	14.00

Rehearsal: Orchestra rehearsal \$6.00 per hour, first hour required; after first hour, rehearsal may be computed and paid for in quarter-hour or periods at the rate of \$1.50 per quarter-hour or part thereof.

Program Auditions: Shall be paid for at onehalf the broadeast fee and one-half the broadeast rehearsal fee for all time required. Individual voice tests may be had without compensation.

Special Minimum Working Conditions for Singers: Any performance must begin within twenty-four hours of the original to be considered a re-broadcast, otherwise, first performance fee prevails.

No rehearsal shall be considered as less than one hour in duration except such rehearsal, as is called immediately before or after performance. However, a singer may be required to stand by fifteen (15) minutes before a performance without payment of rehearsal fee.

Orchestra rehearsal may not be divided into more than two sections.

There must be a rest period of five minutes each hour in rehearsals of more than one hour in duration

Any member who auditions for a program, as a member of a group, shall, in the event that said group is accepted for the program, be considered to be a member of said group and may not be discharged without AFRA's consent as long as group remains on said program or for a period of thirteen (13) weeks, whichever is less.

Coaching rehearsal is the designation applied to any rehearsal session other than rehearsal with orchestra or other acts in which material is prepared for a specific broadcast or audition.

On written guaranteed continuous thirteen weeks' non-cancellable engagements of singers for 15-minute, half-hour and hour shows, a discount from scale of ten per cent of the basic scale is allowed.

Signature numbers shall be at the rate of \$15.00 for the broadcast and \$7.50 for the rebroadcast, with dress rehearsal included. Exceptional situations such as traveling on the road will be met by waivers under paragraph "8" of the Rules.

ANNOUNCERS

Length of program	Fee	Re-broad- cast fee
15 minutes or less	\$15.00	\$10.00
16 to 30 minutes	25.00	12.50
31 to 60 minutes	35,00	17.50

Rehearsal: \$6.00 per hour, first hour required; and paid in half-hour periods at the rate of \$3.00 per half-hour or part thereof. Rehearsals for programs in excess of 15 minutes, may be held in two sessions, each session to be computed and paid for as a separate unit and no such session shall be computed as less than one hour. Individual compensation shall be based on the time contracted for, but additional rehearsal time may be requested and if agreed to, paid for.

Where announcer is engaged for a commercial program for guaranteed terms of not less than thirteen (13) weeks, on 15-minute programs broadcast five (5) times or more a week, the following minimum weekly compensation may be provided:

Times a week	Weekly Minimum Compensation	Weekly fee for re-broadcast
5	\$75.00	\$37.50
6	85.00	42.50

In such cases of guaranteed term engagements at the weekly rate, 45-minute rehearsal time per day is included.

Network Commercial Cut-In Announcements: Shall be paid at the rate of \$10.00 for each such announcement.

Program Auditions: Shall be paid for at onehalf the broadcast fee. Rehearsal time for auditions at the same rate as specified for regular broadcasts. Voice tests may be had without compensation.

Special Provisions Regarding Announcers:

- (a) Where a prior record is made in connection with a five-time-a-week live broadcast, the fee for five such recordings shall be \$50.00.
- (b) The 45-minute rehearsal allowed for each of five broadcasts may be computed at 225 minutes to be used by producer as desired within five days. If producer desires, he may use such rehearsal time for prior recordings and announcer agrees to allow 15-minute rehearsal for each live broadcast. These conditions apply only in connection with 13-week uncancellable confracts.
- (c) On five-minute local news broadcasts with no less than two per day, the fee for the news reporter shall be \$5.00 for each such broadcast. In such cases where a supporting announcer is used, the fee for such supporting announcer shall be \$4.00 for each such broadcast.

Rehearsal: Orchestra rehearsal \$4.00 per hour, first hour required; after first hour, rehearsal may be computed and paid for in quarter-hour periods at the rate of \$1.00 per quarter-hour or part thereof.

Class 3-Groups of 2 to 1 Voices Inclusive:

Length of program	Fee	Re-broad- cast fee
15 minutes or less	\$30,00	\$10.00
16 to 30 minutes	35.00	12.00
31 to 45 minutes	40.00	14.00
46 to 60 minutes	45.00	16.00

Rehearsal: Orchestra rehearsal \$5.00 per hour, first hour required; after first hour, rehearsal may be computed and paid for in quarter-hour periods at the rate of \$1.25 per quarter hour or part thereof.

Class 4-Soloists:

Length of program	Fee	Re-broad- cast fee
15 minutes or less	\$40.00	\$15.00
16 to 30 minutes	50.00	17.50
31 to 45 minutes	60.00	20.00
46 to 60 minutes	70.00	22.50

GENERAL SCHEDULE OF RULES

- 1. Engagements: Performer shall have specific notice of the part to be played, date, time and place of broadcast, time of re-broadcast, if any, place of rehearsal and rehearsal time contracted for. An actor or soloist is permitted to double one part per performance without additional compensation. In variety shows, or where the program consists of a series of short different episodes, such as, but not being limited to, dramatized news broadcasts or historical sequences, such program shall be considered an exception. Participation in crowd noises shall not be considered a double.
- 2. Compensation: Performer shall be paid not seem than the minimum fee applicable in legal tender and not later than seven (7) calendar days after time specified for broadcast. The minimum fees shall be not to the performer and no deduction whatever may be made therefrom (except for such taxes and withholdings as are required by law). No term or provision of this Code may be waived by any performer without the prior written consent of AFRA, but nothing in this Code shall prevent any performer from

agreeing to any terms and/or conditions more favorable to such performer than those specified begoin.

- 3. AFRA Rules: Producer agrees that he has and must obey its rule. Producer admits specifically, notice of the rule which requires the AFRA member to render services only upon a program where all the Actors. Singers and Announcers are members in good standing of the American Federation of Radio Artists.
- 4. Cancelled Program: Where the entire program is cancelled, the performer shall, nevertheless, be paid in full for all contracted time as specified in this agreement, unles she shall have been notified in writing of the cancellation at least 24 hours in advance of the first scheduled call for general.
- 5. Cancelled Individual Engagements: In the event the performer's engagement for the program is cancelled. Producer agrees, nevertheless, to pay the performer in full for all contracted time, as herein specified, except where cancellation is for gross insubordination or misconduct and AFRA consents to such dismissal without payment. Producer agrees that after the engagement is made, the risk of performer's incompetence is assumed by him.
- 6. Arbitration: Any controversy or claim between any Producer and any member of AFRA arising out of, or relating to, this Code or any contracts or engagements governed by this Code, or the breach thereof, shall (with the consent of AFRA) be settled by arbitration, in accordance with the rules then obtaining of the American Arbitration Association, and indement upon the award rendered may be entered in the Highest Court of the Forum. State or Federal, having jurisdiction, The procedure for such arbitration shall be the same as that specified on page "1" of this Code.
- Additional Services: No service of the performer is contracted for except as specified barein.
- 8. Waivers: AFRA will give waivers in proper cases upon application by the Producer to meet any program requirements with respect to working conditions. Minimum fees are not working conditions.
- 9. Production Prosecuted; In the event that the program for which the performer is engaged is complained of and any prosecution, civil or eriminal, private or governmental, shall follow. Producer agrees at his expense, to defend the performer and to pay all charges and judgments so incurred.
- 10. Alterations: Producer agrees that he will make no contract with any performer at terms less tayorable to such Performer than those contained in this Code and make no changes or alterations of these provisions without the written consent of AFRA, nor, without such consent shall any performer be deemed engaged upon terms which would commit such performer to do any acts after this Code expires, which would violate any rule of AFRA.
- 11. Bond in Certain Cases: AFRA reserves the right, in the event it determines that a particular Producer is not reliable or financially responsible, to require the posting in advance, of an adequate bond, cash or other security.
- 12. Unfair Producers: Producer agrees that has notice that the AFRA Code of Fair Practice represents the minimum terms and working conditions of performers in Network commercial broadcasting. Anyone engaging performers in this field who breaches or violates conditions of the Code may be regarded as unfair and performers may be instructed not to work for anyone who is unfair.
- 13. Notice of this Code will be given to AFRA members, and they will contract subject

- thereto, and as to such producers who either sign this Code or signify their intention to abide thereby, the member will sign any contracts subicet to the fulfillment of all obligations of such producer hereunder.
- 14. Any representative of AFRA shall be admitted to the premises of the producer or where the rehearsal or broadcast takes place, at any reasonable time, to check the performance by the producer of this Code; but such checking shall be done so as not to interfere with the conduct of the producer's business.
- 15. The producer agrees, for the benefit of AFRA and all performers employed by the producer, that existing contracts with all performers are hereby modified in accordance herewith, but no terms, wages or hours now had by any such performers which are more favorable to such performers than the feams, wages or hours herein specified, shall be deemed so modified. If there are my other contracts between or amous signaturies to this Code or those who signify their mention of abiding thereby, which require nerformers to work under terms, wages or conditions less favorable to such performers than this Code, then, notwithstanding such contracts, it is agreed that this Code shall, nevertheless, apply for the benefit of all such performers and of AFRA.
- 1B. The terms and conditions covered by this agreement are for the engagement of radio artists on commercial "network" broadcast programs produced under the apspices of the producer, on the "network" facilities of the National Broadcasting Company, Inc., the Columbia Broadcasting System, Inc., and the Mutual Broadcasting System, Inc., originating in New York, Chicago, Hollywood, Les Angeles or San Francisco, "Network" means two or more stations joined by wire for simultaneous broadcasting On major stations in New York and Chicago, the network rate shall apply to a broadcast from one such station
- 17. Nothing in this Code shall be construed as preventing the producer from buying package shows from fair independent contractors; provided that the producer must, in its agreement with the independent contractor, include a provision requiring such contractor to sign, adopt and conform to AFRA's Code of Fair Practice, and further provided that such independent contractor becomes a signatory to such Code.
- 18. Signature voices on dramatic shows shall be paid a minimum of \$50 for five programs a week and \$12,50 for the re-broadcast; \$10 for single broadcast and \$2,50 for re-broadcast; and 15-maine reheaval; dress rehearsal included.
- 19. The fee for a record made prior to the live broaders) on a 15-minute program shall be \$10 and \$6 per hour for first hour of rehearsal, \$3 per hall-bear or part thereof for additional rehearsal.
 - 20. Audience participation is excepted.
- 21. Extras and supernumeraries who do not speak individual lines shall be paid not less than \$7.50 for the program and \$5 for re-broadcast, meluding 4 hours of rehearsal time in two sessions.
- 22. The re-broadcast fee on 15 minute shows includes a 15 minute dress rehearsal immediately preceding re-broadcast. This applies both to actors and announcers. In cases of lateness for rehearsal or other breach by any member of AFRA. AFRA will invoke its disciplinary power under its Constitution. In the event of a collection of any line due to such disciplinary action. AFRA may reimburse the producer who has suffered loss due to lateness or other breach.
- 23. Children on adult programs shall receive the minimum applicable fee for adults. Special children's programs where more than 75 per cent of the east are children come within the provisions of the waiver charse and shall be so treated.

-CLARIFICATION OF THE AFRA CODE —

The following letter embodies all clarifications of the AFRA Code and is a vital part of that Code:

February 2, 1939.

Columbia Broadcasting System, Inc. 485 Madison Avenue New York City National Broadcasting Company, Inc. 30 Rockefeller Plaza New York City Gentlemen:

This letter is written in connection with and is a part of the Code of Fair Practice for Commercial Broadcasting signed between your companies and the American Federation of Radio Artists, dated February 2, 1939, and in order to clarify the same.

The following clarifications or additional terms, as the case may be, are a part of such contract, namely:

- On page 1, line 3, the words "promulgated by them" means "herin contained."
- The mere fact that your facilities are used for the broadcast of a radio program does not make such program one produced under your auspices, nor does it bring such programs under the Code.
- 3. The words "several stations," as used throughout the agreement are clarified and controlled by paragraph 16, and no additional obligations are imposed by the addition of the words "several stations."
- 4. The American Federation of Radio Artists represents that it does and will, for the duration of the agreement, represent for collective bargaining purposes, a majority of the actors, singers and announcers, as required by the National Labor Relations Act. The bargaining unit for this agreement is without prejudice to either party.
- 5. Throughout the Code a variety of terms are used, such as "radio artists," "performers," etc. Nevertheless, the Code is intended to cover and does cover only actors, singers and announcers.
- In any arbitration bereunder, each side bears half the expense.
- AFRA agrees that it has no present rule and will make no future rule in derogation of the Code, and paragraph 3 is so limited.
- 8. AFRA hereby consents to any arbitration requested by the producer under paragraph 6.
- 9. Paragraph 7 is not intended to prevent the performer from contracting for services of a kind not covered by the Code by individual contract at such rates of pay and under such conditions as the producer and the performer shall agree, subject only to the fact that it shall not be in conflict with this Code.
- 10. Paragraph 9 does not apply to a case where the prosecution is in respect of material furnished by the performer or acts done by the performer without the authorization of the producer.
 - 11. Paragraph 12 is a statement by the pro-

ducer that he has notice of the facts stated in paragraph 12, and goes no further.

- 12. With respect to paragraph 17, AFRA agrees with the producer that if an independent contractor has signed this Code and the producer has complied with paragraph 17, AFRA will not exercise its right to strike against the independent contractor so as to create program emergencies for the producer.
- 13. Any more favorable terms or conditions given to competitors producing network shows at the five points of origination mentioned in paragraph 16 will be given by AFRA to the producer to the extent given such competitor. This does not apply to waivers given by AFRA in special instances, if such waivers be given in good faith and without intent either to evade this clause or to give an unfair competitive advantage.
- 14. So long as the producer performs this Code, AFRA, will not strike against the producer as to the performers covered by this Code in the field covered by this Code. To the extent AFRA has agreed not to strike, it will order its members to perform their contracts with the producer. This paragraph only applies to producers who sign this Code.
- 15. AFRA agrees to give a waiver for persons employed for no more than one performance during the term of this agreement because of reputations acquired in fields other than the amusement field.
- 16. At least sixty days prior to the end of the term of this Code, AFRA and the producer agrees to negotiate in good faith with respect to a new Code.
- 17. National Broadcasting Company, Inc., and Columbia Broadcasting System, Inc., by signing the Code, are signing such Code for and on behalf of themselves, respectively, and not for any other person, firm or corporation.
- 18. With respect to the last sentence of paragraph 16, the following stations and only the following stations are included in the term "major stations in New York and Chicago," namely:

New York: Stations WABC, WJZ, WEAF, and WOR;

Chicago: Stations WBBM, WMAQ, WENR, WGN and WLS.

- 19. With respect to AFRA's agreement not to impose unreasonable entrance fees or dues upon its members, it agrees, wherever necessary for the producer's program purposes, to qualify members within 24 hours after notice from the producer.
- 20. With respect to the following respective provisions on pages 2 and 4, respectively, reading as follows, to wit: "Rehearsal for programs in excess of 15 minutes, may be held in two sessions" and "Orchestra rehearsal may not be divided into more than two sections" (misprint for "sessions"). AFRA does hereby waive such pro-

visions, but the producer agrees not to use unreasonably the privilege so granted, taking into account the necessities of the programs and the convenience of the performers, but this does not alter the fact that whenever an actor or singer is called for rehearsal, he gets a minimum of one hour's rehearsal pay, except as in the Code otherwise provided.

- 21. With respect to the section on "Recordings" at the top of page 3, add a sentence at the end of the second subparagraph of paragraph (a) reading as follows, to wit: "In such cases, the limitations of the first subparagraph of this paragraph (a) do not apply."
- 22. Further in respect to the second subparagraph of paragraph (a) on page 3, one or more sponsors other than the original sponsor or his affiliated company, may be used in any off-the-line recording made, but in any such event, rebroadcast fees as herein provided shall be paid to the performers for each such additional sponsor so used.
- 23. Further in respect to "Recordings" at the top of page 3, the blank in subparagraph (b) is filled in with the word "two."
- 24. Further in respect to the same general section, in subparagraph (e) the word "date" should be "rate."
- 25. With respect to the last line before the asterisks on page 3, after the phrase "dress rehearsal," insert the words "and the dress rehearsal,"
- 26. All rates in the Code are per person and not per group.
- 27. In the second sentence of the second paragraph on page 4, after the word "Individual," insert the words "and group."
- 28. In the seventh paragraph on page 4, second line, after the word "discharged," insert the words "without justifiable cause."
- 29. In the same connection, on page 5, paragraph 5, line 4, strike out the words "and AFRA consents to such dismissal without payment."
- 30. With respect to paragraph 1, strike out the last two sentences and substitute therefor the following: "Multiple doubles are permitted in variety shows, or where the program consists of a series of short different episodes, such as but not being limited to, dramatized news broadcasts or historical sequences, Participation in group noisesshall not be considered a double and is permissible without additional compensation."
- 31. With respect to paragraph 2, the second line, "seven (7)" is amended to read "len (40)."
- 32. With respect to paragraph 18, amend the paragraph to read as follows; "18. Signature voices on dramatic shows shall be paid a minimum of \$50 for five programs a week and \$12.50 for the re-broadcasts; \$10 for single broadcast and \$2.50 for re-broadcast; and 15 minute rehearsal; dress rehearsal included."
- 33. Paragraph 19 applies to both actors and announcers, but not to singers.
- 34. Paragraph 22 also applies to singers, and during the 15-minute period prior to broadcast, they will rehearse for timing and effect only.
- 35. Change the last sentence of paragraph 22 to read as follows: "In the event of a collection

- of any fine due to such disciplinary action, AFRA will reimburse the producer who has suffered loss due to lateness or other breach to the extent of such fine."
- 36. When a record is made prior to the live broadcast, the live broadcast fee includes 15-minute dress rehearsal immediately preceding the broadcast.
- 37. For the purposes of the Code, an actor is a person, who is employed to enact a character or perform a role, or who enacts a character or performs a role; persons like Eddie Cantor who play themselves are actors; a singer is a person who is employed to give, or who gives, vocalrenditions of musical compositions; announcer is defined as the term is generally understood in the industry, but the commercial rates specified in the Code do not apply to the performance by announcers on the staff of a broadcast company or station identification, music credit, cut-ins and local spots, except as specifically provided for in the Code, time signal and similar announcements, switching and giving switching caes, eertifying master copies of continuities and performing similar routine duties for the broadcast company which are not part of the services rendered by announcers for sponsors or advertising agencies on commercial programs or otherwise provided for in this Code.
- 38, Paragraph 16 is modified so that the rates in the Code do not apply to programs originating in Hoilywood. Los Angeles or San Francisco, unless the same are available to stations in other than the eleven Western states, Originations from Chicago are only subject to the Code scales on hook-ups of two or more stations including the station of origination.
- 39. Referring to the sixth paragraph on page 1. the National Broadcasting Company, Inc., or the Columbia Broadcasting System. Inc., or AFRA may refuse to arbitrate wages and working conditions for programs produced by the National Broadcasting Company, Inc., or the Columbia Broadcasting System Inc., at any of their managed or operated stations in cities other than the originating points mentioned in paragraph 16, but AFRA reserves its complete right to strike against such programs and stations without notice.
- 40. The numbered paragraphs mentioned in this letter refer to the numbered paragraphs in the General Schedule of Rules of the Code
- 41. AFRA may, it it sees fit, reprint the Code to incorporate the substance of this letter, but such incorporation shall first be approved in writing by the National Broadcasting Company, Inc., and the Columbia Broadcasting System. Inc.

 Yours very truly.

AMERICAN	FEDERATION	OF	RADIO
	ARTISTS		

DV
Executive Secreta
Agreed to and accepted:
Columbia Brondeasting System, Inc.
By
National Broadcasting Company, Inc.
By

WORLD-TELEGRAM ANNUAL RADIO EDITORS' POLL

Conducted by Alton Cook, Radio Editor, World-Telegram, New York, with participation of radio editors in United States and Canada. (Released Feb. 4, 1939.)

Favorite Programs	Horace Heidt
Points	Artie Shaw 66
Jack Benny 159	Benny Goodman 66
Charlie McCarthy	Tommy Dorsey 60
Bing Crosby	Wayne King
Information Please 97	Richard Himber
Fred Allen 72	Paul Whiteman
M.G.M. Good News 54	Larry Clinton 26 Andre Kostelanetz 26
Lux Radio Theater (Mon.) 46	Andre Kostelanetz
Orson Welles	filed Simons
One Man's Family 30	Girl Singers
Kay Kyser 28	Frances Langford 206
o 11	Kate Smith 174
Comedians	Connie Boswell 102
Points	Jane Froman
Jack Benny	Dorothy Lamour 45
Fred Allen	•
Charlie McCarthy	
Boh Hope 51 Fibber McGee 42	Bea Wain
Burns & Allen	Mildred Bailey 21 Nan Wynn 15
Robert Benchley 25	Lucille Manners 14
Fanny Brice	Buchic Mainters
Amos 'n' Andy	Danulas Mala Stan
Frank Morgan 16	Popular Male Star
	Bing Crosby 341
Symphonic Conductors	Kenny Baker 228
Points	Frank Parker 64
Toscanini	Lanny Ross
John Barbirolli	Nelson Eddy
Frank Black 82	Jerry Cooper 18
Jose Iturbi	Rudy Vallee 17
Alfred Wallenstein 41	Buddy Clark 16
Leopold Stokowski	Frank Munn
Andre Kostelanetz	Tony Martin 12
Artur Rodzinski	
Howard Barlow 22 Fritz Reiner 19	Drama
Fritz Reiner 19	Points
	Lux Radio Theater 269
Bands	Orson Welles
Points	One Man's Family
Guy Lombardo	Edward G. Robinson ("Big Town") 57
Kay Kyser	Columbia Workshop 54

American School of the Air	44	Graham McNamee
		Den Grader 12
Little Orphan Annie		Paul Douglas
Irene Wicker Lone Ranger		David Ross 18 Paul Douglas 15
	$\frac{130}{122}$	Milton Cross 42
	4.00	Harry Von Zell. 48
	Points	Ken Carpenter
Children's Program		Don Wilson
Bill Slater	. 10	Points
Paul Douglas		Studio Announcers
Tom Manning		
Graham McNamee	. 20	Sophie Tucker
Bob Elson		Jimmy Fidler 20
Red Barber		Vic & Sade
Clem McCarthy		Edwin C. Hill 26
Bill Stern		Walter Winchell 51 Vocal Varieties 36
Ted Husing		Lowell Thomas 53 Walter Winchell 51
		Easy Aces 60
Sport Announcers	oints	Lum 'n' Abner
G		Amos 'n' Andy
Boake Carter	. 14	
Gabriel Heatter		Quarter Hours Points
Paul Sullivan		
Alexander Woollcott		Paul Wing's Spelling Bee 10
Walter Winchell		Uncle Jim's Question Bee
Dorothy Thompson		True or False
Edwin C. Hill		Battle of the Sexes
Lowell Thomas		Vox Pop
H. V. Kaltenborn		Ask-It-Basket (Jim McWilliams) 44
		What's My Name
Commentators	Points	Kay Kyser's Kollege
C		Professor Quiz 158
John Carter	19	
Gladys Swarthout		Information Please
John Charles Thomas		Quiz Programs Points
Lucille Manners		Quiz Duamenta
Margaret Speaks		H. V. Kaltenborn 12
Kirsten Flagstad		Kay Kyser 12
Lily Pons		Bob Hope
Richard Crooks		Clifton Fadiman 23
Lawrence Tibbett	138	Tommy Riggs 27
Nelson Eddy	. 150	Orson Welles 296
	Points	Points
Classical Singers	New Stars	
Gang Busters	. 15	Kaltenmeyer's Kindergarten 17
Star Theater (Texaco)		Jack Armstrong 17
Tyrone Power	. 20	March of Games 19
First Nighter	. 26	Howie Wing 23
Silver Theater	. 32	Dick Tracy 27

MOTION PICTURE DAILY RADIO POLL

Released December 30, 1938

Open Champions

Charlie McCarthy Jack Benny Orson Welles Bing Crosby Fred Allen

Vocalists: Male (Popular)

Bing Crosby Kenny Baker Nelson Eddy Rudy Vallee Frank Parker

Vocalists: Male (Classical)

Nelson Eddy Richard Crooks Lawrence Tibbett John Charles Thomas John Carter

Vocalists: Female (Popular)

Kate Smith Frances Langford Connie Boswell Jane Froman Maxine Sullivan

Vocalists: Female (Classical)

Margaret Speaks Lucille Manners Lily Pons Kirsten Flagstad Gladys Swarthout

Comedians

Jack Benny Fred Allen Charlie McCarthy Eddie Cantor Fibber McGee

Comediennes

Fannie Brice Gracie Allen Martha Raye Mary Livingstone Jane Ace

Comedy Team

Burns and Allen Bergen-McCarthy Benny-Livingstone Amos 'n' Andy Fibber McGee & Molly

Dramatic Series

Lux Radio Theater Mercury Theatre One Man's Family Columbia Workshop Big Town

Comedy Series

Jell-o, with Jack Benny Town Hall Tonight, Fred Allen Easy Aces Fibber McGee & Molly Amos 'n' Andy

Dance Orchestras (Popular)

Guy Lombardo Hornee Heidt Kay Kyser Richard Himber Eddie Duchin | Tie Hal Kemp | {

Dance Orchestras (Swing)

Benny Goodman Tommy Dorsey Kay Kyser Art Shaw Bob Crosby

Orchestras (Classical)

Toscanini's NBC Symphony New York Philharmonic Ford Symphony Philadelphia Orchestra Frank Black's NBC Symphony

Musical Series (Classical)

Ford Sunday Evening Hour Toscanini Program N. Y. Philharmonic Firestone Hour Cities Service Concerts

Children's Series

Let's Pretend Orphan Annie Lone Ranger Singing Lady American School

Film Programs

Lux Radio Theatre M-G-M Good News Chase & Sanborn Hour Kraft Music Hall Ilollywood Hotel

Announcers

Don Wilson Ken Carpenter Harry Von Zell Milton Cross Graham McNamee

Commentators

H. V. Kaltenborn Lowell Thomas Edwin C. Hill Gabriel Heatter Boake Carter

Film Players on the Air

Don Ameche Edward G. Robinson Bing Crosby Frank Morgan William Powell { Tie Charles Boyer }

Special Events Coverage

CBS—Czech Crisis NBC—Czech Crisis Mutual—Czech Crisis

Best Commercial Readings

Jell-o Program Ford Sunday Program Johnson Wax Program Kraft Program Sherwin-Williams Program Radio Stations & Advertising Agencies Everywhere U. S. A.

Gentlemen:

Just a line to thank you for the very warm reception which you have so graciously extended to me since I have been with Associated Music Publishers.

Very truly yours,

JOHN MAYO.

I WONDER
WHAT
RADIO
DAILY
WILL SAY
ABOUT IT?

MUZAK CORPORATION

229 FOURTH AVENUE NEW YORK, N. Y.

TRANSMITTING

CONTROLLED "WORD OF MOUTH" ADVERTISING (over a class A city wide telephone network)

α

THE "POINT OF SALE"

WHEREVER PEOPLE GATHER FOR FOOD OR RECREATION (restaurants, bars, clubs and grills)

for

DISTILLERS, BREWERS, CIGAR, CIGARETTE, GUM
AND MINT MANUFACTURERS

over

THE MUZAK SPONSORED PROGRAM SERVICE NETWORK



THE BUSINESS SIDE OF RADIO



Major Network Billings

Agency and Sponsor Network Expenditures

Research Firms

F. T. C. Activities

Standard Conditions and Contract for Spot Broadcasting

Station Representatives

Foreign Language Field

American Association of Advertising Agencies

Advertising Agencies



COMPARATIVE MAJOR NETWORK BILLINGS FOR

1938—1937—1936—1935

COLUMBIA BROADCASTING SYSTEM

	1938	1937	1936	1935
January	\$2,879,945	\$2,378,620	\$1,901.023	\$1,768,949
February	2,680.335	2,264,317	1,909,146	1,654,461
March	3,034,317	2,555,716	2,172,382	1,829,553
April	2,424,180	2,563,178	1,950,939	1,615,389
May	2,412,283	2,560,558	1,719,517	1,287,455
June	2,121,495	2,476,576	1.502.768	1,066,729
July	1,367,357	1.988.112	1,292,775	910.170
August	1,423,865	1,955,280	1,232,588	879,019
September	1,601,755	2,028,585	1,838,932	1.086,900
October	2,387,395	2,505,185	2,751,802	1,930.512
November	2,153,110	2,654,173	2,129,917	1,722,390
December	2,529,060	2,786,618	2,133,353	1,885,977
Total	\$27,345,397	\$28,722,118	\$23,168,142	\$17,637,804

MUTUAL BROADCASTING SYSTEM

	1938	1937	1936
January	\$269,894	\$213,748	\$166,266
February	253,250	232,286	152,064
March	232,877	217,431	191,483
April	189.545	200,134	137,934
May	194,201	154,633	129,907
June	202,112	117,388	101.510
July	167,108	101,158	109.561
August	164,626	96,629	122,065
September	200,342	132,866	168,919
October	347,771	238,683	271,629
November	360,929	258,357	227.513
December	337,369	215,165	193,496
Total	\$2,920,324	\$2,239,077	\$1,975.377

NATIONAL BROADCASTING COMPANY

(Combined Blue and Red Networks)

	1938	1937	1936	1935
January	\$3,793,516	\$3,511,999	\$2,681,895	\$2,895,037
February	3,498,053	3,295,782	2.711,300	2,758,319
March	3,806,831	3,614,283	3,037,873	3,025,308
April .	3,310.505	3,277,837	2,741,928	2,682,143
May	3,414,200	3,214,819	2,561,720	2,685,211
June	3,200,569	3,003,387	2,323,546	2,380,845
July	2,958,710	2,707,150	2,419,983	2,208,935
August	2,941,099	2,784,977	2,422,431	2,021,365
September	2,979,241	2,850,581	2,886,637	2,163,317
October	3,773,964	3,339,739	3,696,189	2,779,557
November	3,898,919	3,381,346	3,468,728	2,655,100
December	3,887,072	3,639,086	3,558,590	2,893,793
Total	\$41,462,679	\$38,651,286	\$31,541,120	\$31,148,930

THE BUSINESS SIDE OF RADIO DURING 1938

By RENN HALL

RADIO DAILY Staff

ADIO continued to register considerable gains during 1938 and smashed many previous "all-time records," although other major advertising mediums showed declines. With increased revenue, however, came an accompanying increase in overhead as well as in social responsibility. Radio's successful bid for national and local business in the face of razor-edge competition revealed both sponsor and public appreciation of broadcasting.

NBC climbed over the \$40,000,000 mark with total time sales of \$41,462,679, an increase of 7.3 per cent over 1937. CBS showed a decrease of 4.8 per cent, with \$27,345,397. Columbia's 1937 billings, however, were the largest in its history. MBS's billings showed an increase of approximately 30.4 per cent with gross revenue of \$2,920,324.

Sponsors

Procter & Gamble led advertisers with its combined time expenditures on NBC and CBS of \$6,170,862. General Foods followed with \$5,239,606, double its 1937 figure, while the P. & G. total showed an increase of approximately \$1,500,000. With the exception of Campbell Soup which displaced General Motors, NBC and CBS's ten top advertisers were the same as in 1937.

Agencies

Blackett-Sample-Hummert continued, for the third successive year, to lead agencies in time buying, the combined NBC-CBS total being (7,955,633. J. Walter Thompson with \$5,233,158 followed, while Young & Rubicam with \$4,911,066 was in third place.

Industry Classification

Food and food beverages were top again in classifications on NBC and CBS, while drugs and toilet goods came in second place. Together they accounted for nearly half of CBS's total billings and about two-thirds of NBC's total billings.

Labor

While radio was relatively free of strikes and labor disputes in 1938, the operating expenses of both networks and independent stations were increased by the granting of wage tilts, shorter hours as well as the employment of additional musicians and other workers. 900 to 1,500 musicians were added to radio payrolls, following an agreement between the American Federation of Musicians and stations, while the American Federation of Radio Artists secured contracts with NBC and CBS for sustaining Negotiations were conducted with agency representatives by AFRA for contracts covering talent on network commercial productions. The American Communications Association, claiming 750 members in its broadcast division. secured contracts with several stations.

AGENCY NATIONAL NETWORK EXPENDITURES

	1938		1937	1936
Blackett-Sample-Hummert	\$9,093,125	(1)	\$7,293,490 (1)	\$6,011,665 (1)
J. Walter Thompson Co.	5,320,608	(2)	5,283,134 (-3)	5.148.557 (3)
Young & Rubicam, Inc.	5.093,640	(3)	3,821,010 (-4)	2,211,184 (7)
Benton & Bowles, Inc	4,800,399	(-1)	3,634,240 (5)	2,419,182 (6)
Lord & Thomas	4,791,586	(5)	5.549,195 (-2)	5,573,278 (2)
Ruthrauff & Ryan, Inc	4,015,959	(6)	3,407,886 (6)	1.237,928 (12)
Compton Advertising, Inc.	3,107,788	(7)	3,001,600 (7)	2.018,344 (8)
Ward Wheelock Co.	2,258,425	(8)	1,128,540 (16)	1,256,154 (11)
Newell-Emmett Co.	1,693,314	(9)	1,951,261 (9)	1,189,126 (14)
B. B. D. & O	1,588,554	(10)	1,801,695 (10)	2,716,819 (5)
Pedlar & Ryan, Inc.	1,588,185	(11)	(Not among 20 first this year)	
Lennen & Mitchell, Inc.	1,500,635	(12)	1,380,063 (13)	782,043 (18)
N. W. Ayer & Son	1,397.535	(13)	2,842,215 (8)	3,276,155 (4)
Wade Adv. Agency	1,363,741	(14)	1.457.470 (12)	1.220,132 (13)
H. W. Kastor & Sons	1,245,302	(15)	(Not among 20 first this year)	
Gardner Advertising Co	1,109,681	(16)	928,326 (19)	Not among leaders
Edwin, Wasey & Co	1,105,072	(17)	920,263 (20)	1,467,959 (10)
William Esty & Co.	1,096,359	(18)	1,033,263 (17)	1.047,534 (16)
Biow Co.	1,081,115	(19)	(Not among 20 first this year)	
Stack-Goble	1,007,060	(20)	1,495,307 (11)	1,501,678 (9)

Columbia Broadcasting System 1938 Sponsor Expenditures

Lever Brothers Co	52,790,144
General Foods Corp,	2.720,386
Colgate-Palmolive-Peet Co	1.779,139
Procter & Gamble Co	1.310,707
American Tobacco Co	1.283.826
William Wrigley Jr., Co	1.241,705
Liggett & Myers Tobacco Co	1,118,355
Ford Motor Co	1.052.895
Chrysler Sales Corp	1,003,612
R. J. Reynolds Tobacco Co	181,000.1
Campbell Soup Co	713,788
Continental Baking Co	650.260
P. Lorillard Co	611.905
Pet Milk Sales Corp	594,013
General Mills, Inc	557.035
Philip Morris & Co., Ltd	463,380
U. S. Tobacco Co	$435,\!126$
Texas Co	405,265

Gulf Refining Co	399,960
Lady Esther Co	372,150
Coca Cola Co	358,940
Nash-Kelvinator Corp	345,331
Cudahy Packing Co	310.767
U. S. Rubber Products Co	301,155
Anacin Co	297,697
Bayer Co	282,254
Edna Wallace Hopper, Inc	267.191
E. 1. duPont de Nemours & Co., Ltd., .	250,155
Lambert Co	212,395
H. J. Heinz Co	225,960
Lelin & Fink Products Co	219,491
Chesebrough Manufacturing Co	211,050
Household Finance Corp	208,320
Kolynos Sales Co	193.133
Brewers' Radio Shaw Association	192,750
Kellogg Co	192,721
Vick Chemical Co	180,015
Griffin Manufacturing Co	174.049
International Cellucotton Co	166,665
Campana Sales Corp	156,100
R. B. Davis Co	151,020
McKesson & Robbins, Inc	150,(50
Hudson Motor Car Co	139,735

58,108	The Lambert Co	136,309	A. S. Boyle Co
53,872	D. L. & W. Coal Co	130,615	General Motors Corp
49,996	"Show of the Week" (Local Coop)	129,360	Phileo Radio & Television Corp
	"30 Minutes in Hollywood" (Local	109,555	Novzema Chemical Co
48,809	Coop)	108,515	Zenith Radio Corp
48,650	Brown & Williamson Tobacco Co	108,267	General Baking Co
41,958	Elizabeth Arden	106,600	Barbasol Co
38,257	Wheatena Corp	85,095	International Silver Co
37,866	American Tobacco Co	62,450	Skelly Oit Co
36,844	Kellogg Co. (Pep Cereal)	62,060	Penick & Ford, Ltd
36,452	Green Hornet (Coop)	61,975	Florida Citrus Commission
31,721	Cudahy Packing Co	59,990	Phillips Petroleum Corp
29,358	General Shoe Corp.,	51,156	Joe Lowe Corp
28,750	Oakland Chemical Co	13,405	Carborundum Co
26,926	Mennen Co	34,200	Durkees Famous Foods
24,130	Allis-Chalmers Mfg, Co	27,725	Rio Grande Oil Co
23,754	Maine Development Comm	15,600	F & F Laboratories
20,412	Rocke News Syndicated program	14,995	Pennsylvania Publicity Commission
20,291	N. Y. State Dem. Comm	14,080	Euclid Candy Co
17,517	The Bosco Co	13,829	Pure Oil Co
17,024	Emerson Drug Co	13,050	Atlantic Refining Co
14,297	Lamplighter (Cooperative)	12,870	Bayuk Cigars, Inc
12,761	Humphrey Homeopathic Med. Co	11.104	Tidewater Associated Oil Co
11,700	Thomas Leeming & Co	10,834	Brown & Williamson Tobacco Co
10,543	American Bird Products Co	10,450	Wilmington Transportation Co
10,050	E. Fougera & Co	10,170	Cardinet Candy Co
9,620	R. B. Scmler	7.950	S & W Fine Foods
9,255	Gambarelli & Davitto	7,320	Mennen Co
8,169	Famous Jury Trials (Coop)	5.827	Holland Furnace Co
7,114	Barbasol Co	5,823	Beneficial Management Corp
6,989	Varady of Vienna, Inc.,	5.042	Soil Off Manufacturing Co
5,880	Slide Fasteners, Inc.,	1,950	Roma Wine Co
5,064	John L. O'Brien Citizen's Comm	4,305	Tillamook County Creamery Assu
5,061	Atchison, Topeka and Santa Fe R.R	1,290	Sales Affiliates, Inc
4,144	Admiracion Laboratories	3,660	Ralston Purina Co
3,615	Macfadden Publications		California Prune & Apricot Growers
2,835	W. A. Sheaffer Pen Co	3,050	Assn.
1,400	Little Crow Milling Co	2,295	Tea Garden Products Co
938	Democratic Nat'l Comm	2,145	Georgo W. Caswell Co
938	N. Y. County Repub. Comm	536	Richfield Oil Corp
893	Non-Partisan Citizen's Comm	36 0	Refrigeration & Air Conditioning Inst.
303,793	Miscellaneous	52,803	Political Advertisers

Mutual Broadcasting System 1938 Sponsor Expenditures

Bayuk Cigars, Inc\$	259,436
Gospet Broadcasting Ass'n	182,842
Gordon Baking Co	182,574
Ironized Yeast Co	179,724
Lone Ranger (Coop Program)	149,550
General Mills	137,492
P. Lorillard Co	99,948
Lutheran Laymen's League	94,034
Vadsco Sales Corp	90,973
Philip Morris & Co	78,310
Journal of Living Publications	72,166
J. B. Williams Co	70,426
Wheeling Steel Corp	68,215
Hecker Products Corp	65,421
Musterole Co. & E. W. Rose Co	63,464

National Broadcasting Co. 1938 Sponsor Expenditures

Adam Hat Stores, Inc\$	76,736
Allis-Chalmers Mfg. Co	67,236
American Home Products Co	1,683,340
American Oil Co	3,541
American Radiator & S. S. Corp	3,200
American Rolling Mill Co	52,962
American Tobacco Co	1,331,884
Babbitt, B. T., Inc	437,700
Bullard & Ballard Co	23,780
Borden Co	301,459
Bowey's, Inc	129,172
Bristol-Myers Co	942,930
Brown & Williamson Tobacco Corp	656,3 0 6
Campana Sales Corp	364,298
Campbell Soup Co	1,565,637

Canada Dry Gluger Ale, Inc	48,276
Cardinet Candy Co	35,032
Carnation Co	560,872
Cities Service Co	638,208
Colgate-Palmolive-Peet Co	118,576
Cook, Thomas & Son-Wagon Lits, Inc.	19,364
Cummer Products Co	555,367
Drackett Co	93,984 88,463
Falstaff Brewing Corp	125,232
Fels Co	78,493
Fendrich, 11., Inc	59,712
Firestone Tire & Rubber Co	635,206
Fitch, F. W., Co	364,563
Gallenkamp Stores Co	30,420
General Electric Co	391,871 2.519,220
General Mills, Inc.	1.200,886
General Motors Corp. (Buick Division).	13,158
Gilmore Oll Co	49,652
Glass Container Ass'n of America	51,135
Glidden Corp	42,078
Goodyear Tire & Rubber Co	165,139
Olobe Grain & Milling Co	8,576 5.764
Group of American Banks	5,764 1 0 3,365
Grove Laboratories, Inc.	182,140
Gulden, Charles, Inc	27,736
Horlick's Malted MHk Corp	58,632
Household Finance Corp	67,770
International Shoe Co. (Peters Division)	10,062
Jergens, The Andrew, Co	622,277 2,236
Johnson, S. C. & Son, Inc.	675,190
Kellogg Co	496,404
Knox, Charles B., Gelatine Co., Inc	4,088
Lady Esther, Ltd	459,397
Lambert Co	67,320 3 05,5 36
Larus & Brother Co	71,436
Lewis-Howe Co	119,840
Liggett & Myers Tobacco Co	571,015
Local Loan Co	492
Luft, George W., Co	24,024
Marfadden Publications, Inc	172,032 28,028
Mennen Co.	21,892
Miles Laboratorles, Inc	1,387,906
Modern Food Process Co	21,432
Moore, Benjamin, & Co	42,924
Morrell, John & Co	65,651 526,664
Mueller, C. F., Co.	67,200
Musterole Co	69,216
National Biscuit Co	130,520
National Dairy Products Corp	1,466,957
National Ice Advertisers, Inc	114,456 247,792
Nehi, Inc	4,212
Oxo, 1/d	3,136
Pacific Coast Borax Co	339,296
Pacific Guano Co	2,236
Packard Motor Car Co	146,220
Packer's Tar Soap, Inc	49,140 69,769
Pepperell Manufacturing Co	16,719
Popsodent Co	339,260
Pillsbury Flour Mills Co	563, 400

Plftsburgh Coal Co	5,546
Princess Pat, Ltd.,	123,580
Procter & Gamble Co	1,860,155
Quaker Oats Co	878,068
Radio Corporation of America	827,640
Ralston-Purina Co	380,246
Regional Advertisers, Inc	99,744
Richardson & Robbins	79,823
Richfield Oil Corp	202,940
Servel, Inc	86,532
Sherwin-Williams Co	231,409
Signal Oil Co	61,921
Standard Brands, Inc	2,670,467
Standard Oil Co., of California	92,785
Sterling Products, Inc	2.486,452
Stewart-Warner Corp	384,195
Sun Oil Co	631,667
S & W Fine Foods, Inc	30,168
Swift & Co	88,487
Tidewater-Associated Oil Co	21,444
Tillamook County Creamery Assn	10,220
Time, Inc	220,023
Union Oil Co	53,172
United Drug, Inc	2.920
Vick Chemical Co	116,448
Vocational Service, Inc	6,912
Wander Co	304,952
Ward Baking Co	80,848
Warner, Wm. R., Co	156,114
Washington, G., Coffee Refining Co	129,001
Welch Grape Juico Co	267,080
Wesson Oil & Snowdrift Corp	45,552
Williams, J. B., Co	167,336
Political Advertisers	54,369
GRAND TOTAL	41,162,679

Columbia Broadcasting System 1938 Agency Gross Billings

Ruthrauff & Ryan, Inc	\$3,359,373
Benton & Bowles, Inc	3,298,840
Young & Rubicam, Inc	2,405,105
Blackett-Sample-Hummert, Inc	2,057,048
Lord & Thomas	1,662,262
Newell-Emmett Co., Inc	1,118,355
William Esty & Co., Inc	1,081.013
N. W. Ayer & Son, Inc	1,065,945
J. Walter Thompson Co	1,040,996
Neisser-Myerhoff, Inc	920,170
Lennen & Mitchell, Inc	778,410
Ward Wheelock Co	692,788
B. B. D. & O., Inc	683,701
Gardner Advertising Co	503,803
Compton Advertising, Inc	578,152
The Biow Co., Inc	463,380
Arthur Kudner, Inc	435,12 0
Buchanan & Co., Inc	405,265
D'Arcy Advertising Co	358,940
Geyer, Cornell & Newell, Inc	345,334

Roche, Williams & Cunnyngham	310,767
Frances Hooper Advertising	331.985
Lambert & Feasley	302,385
Campbell-Ewald Co	299,655 247,993
Pedlar & Ryan, Inc	216,732
Maxon, Inc.	225,960
McCann-Erickson, Inc.	211,410
U. S. Advertising Corp	192,750
Morse International, Inc.	180,015
Bermingham, Castleman & Pierce	174,049
Anbrey, Moore & Wallace, Inc.	156,100
Brooke, Smith & French, Inc	139,735
MacManus, John & Adams	130,615
Hutchins Advertising Co	129,360
Erwin, Wasey & Co., Inc.	106,600
Lawrence C. Gumbinner	88,458
Bowman & Columbia	87,750
Brown & Tarcher	62,400
H. W. Kastor & Sons Adv. Co	43,910
Botsford, Constantine & Gardner	40,800
Hisson, O'Donnell, Inc	28,261
Walsh Advertising Co	26,000
Cockfield, Brown & Co., Ltd	21.000
Walker & Downing	14,995
Baker Advertising	14.220
Sidney Garfinkel Adv. Agency	14,080
Leo Burnett Co., Inc	13,829
McKee, Albright & Ivey, Inc	12,870
Tomasclike-Elliott, Inc	10,170
Emil Brisacher & Staff	7,950
Arnold & Cluse	7,770
II. M. Kiesewetter	7,320
A. McKim, Ltd	6,920
Albert Frank-Guenther Law, Inc	5,823
Walter Biddiek Co	5.445
Milton Weinberg Co	5,370
Marschalk & Pratt, Inc	5,348
Long Advertising Service	5.195
Hillman-Shane Advertising Agency	5,042
Joe Lowe Advertising Agency	5,010
James Houlihan, Inc	4,950
MacLaren Advertising Co	4,500
H. M. Frost Co	4,125
Gillman Advertising	3,870
Dowd Ostreicher, Inc	3,325
Lockwood-Shackelford Adv. Agency	2,730
Shatfuck & Ettinger	2,520
Burton A. Osterhoudt	2,040
C. Ellsworth Wylie	1,950
R. H. Alber Co	1.500
Kelly, Nason & Winsten	1,190
Larson & Aurrecoechea	1,080
Fisher, Zealand & Co., Inc	1,040
Mason L. Ham, Advertising	815
James R. Lunke	360
Ray Dividson	360
C. Brewer Smith Adv. Agency	290
No Agency	2,675
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GRAND TOTAL \$27,315,397

Mutual Broadcasting System 1938 Agency Gross Billings

Erwin Wasey & Co\$	397,393
tvey & Ellington, Inc	259,436
Ruthrauff & Ryan, Inc.	244,411
R. H. Alber & Co	182,842
Young & Rubicam, Inc	182,574
Blackett-Sample-Hummert, Inc	137,492
Franklin Bruck Adv. Co	110,926
Lennen & Mitchell	99,948
Redfield-Johnstone, Inc	98,805
Kelly, Stuhlman & Zahrndt	94,034
Blow Co	91,071
J. Walter Thompson Co	87,450
Critchfield & Co	82,473
Russel M. Seeds Co	75,615
Albert M. Ross	72,019
Lambert & Feasley	58,108
Scholtz Adv. Agency	53,742
Lord & Thomas	49,217
N. W. Ayer & Son	46,844
Cecil. Warwick & Legler	41,958
Rohrabaugh & Gibson	38,257
Roche, Williams & Cunnyngham	31,721
Badger & Browning	29,353
Kleppner Co., Inc	28,750
Batten, Barton, Durstine & Osborne	27,221
H. M. Kiesewetter	26,926
Brooke, Smith, French & Dorrance	23,754
Emil Reinhardt	22,008
Rocke Productions, Inc	20,412
Flack Adv. Agency	20,360
Fisher-Zealand Co	20,291
Lawrence G. Gumbiuner	18,954
Kenyon & Eckhardt, Inc	17,517
Sterling Adv. Agency	14,297
Wm. Esty & Co	11,700
Weston-Barnett, Inc	10,543
Gardner Adv. Agency	10,400
Small & Seiffer	10,050
Buchanan & Co	9,840
De Biasi Adv. Agency	9,255
Philip Klein Adv. Agency	9,030
J. Ralph Corbett	8,169
Baggaley, Horton & Hoyt	6,989
G. Lynn Sumner	5,880
Morgan Reichner & Co	5,064
Stack-Goble Adv. Agency	5,061
Charles Dallas Reach	4,144
Marschalk & Pratt	1,831
Gem Adv. Agency	1,650
Direct	1,639
	1,500
L. W. Ramsey	
Rogers & Smith	1,400

GRAND TOTAL\$2,920,324

National Broadcasting Co. 1938 Agency Gross Billings

Blackett-Sample-Hummert, Inc	\$6,898,585
Thompson, J. Walter Co	4,192,162
Lord & Thomas	3,080,107
Compton Advertising, Inc	2,529,636
Young & Rubicam, Inc	2.505,961
Wheelock Ward Co	1.565,637
Benton & Bowles, Inc	1,501,559
Wade Advertising Agency	1,383,741
Pedlar & Ryan, Inc	1,341,453
Kastor, H. W. & Sous Advertising Co	1.201,392
Stack-Goble Advertising Agency	1,001,999
Batten, Barton, Durstine & Osborn, Inc	877.632
Needham, Louis & Brorby, Inc	675,190
MacFarland, Hays & Co	618,815
Sweeney & James Co	635,206
Roche, Williams & Cunnyngham, Inc	631,667
McCann-Erickson, Inc	625,441
Lennen & Mitchell, Inc.	622,277
Erwin, Wasey & Co	601,079
Newell-Emmett Co., Inc.,	571.959
Hutchinson Advertising Co	563,100
Biow, Co., Inc., The	526,664
Gardner Advertising Co	505,178
McKee & Albright, Inc	493,928
Warwick & Legler, Inc	455,936
Ruthrauff & Ryan, Inc	412,175
Maxon, Inc	391,871
Ramsey, The L. W., Co	364,563
Aubrey, Moore & Wallace, Inc	364,298
Kudner, Arthur, Inc	350,329
Ayer, N. W. & Son, Inc.	281.746
Greene, James A., & Co	217,792
Ellis, Sherman K., & Co	210,774
Hixson-O'Donnel Advertising, Inc	202,940
Benri, Hurst & McDonald, Inc	189.019
Seeds, Russel M., Co	175,182
Westeo Advertising Agency	117,188
Morse International, Inc.	116,448
Donahue & Coc. Inc	114,456
Hoyt, Charles W., Co., Inc.,	107,559
Wessel Co., The	

Jones Co., The Ralph H	93,984
Glicksman Advertising Co., Inc	76,736
Kenyon & Eckhardt, Inc	71,288
Lambert & Feasley, Inc	67,320
Gittins, Bert S., Advertising	67,236
Gale & Pietsch, Inc	65,656
Logan & Stebbins	61.921
Botsford-Constantine & Gardner	59.872
McJunkin Advertising Co	57,924
U. S. Advertising Corp	51,155
Mathes, Inc., J. M	48,276
Fitzgerald Advertising Agency, Inc.	45,552
Muench & Co., C. Wendel	42,078
Long Advertising Service	40,974
	37,268
Tomaschke Elliott, Inc	
Federal Advertising Agency	36,904
Baker Advertising Agency Ltd., The	35,025
Brisacher, Emil & Staff	30,168
Baggaley-Horton & Hoyt, Inc	28,028
Kiesewetter Advertising Agency, Inc.,	
II. M	21,892
Clements Co., Inc	21,432
Wertheimer Co., Inc., L. D	15,420
Marschalk & Pratt, Inc	13,112
Miner Co., Dan B	8,576
Critchfield & Co	6,912
Biddick Co., Walter	6,880
Walker & Downing	5,546
Livingston, Leon, Advertising Agency	4,212
Alber Co., R. H.,	4,196
Cockfield, Brown & Co., Ltd	4,165
Esty & Co., Wm	3,646
Katz Co., The Joseph	3,5:11
Morgan Reichner & Co	3,284
Blaker Advertising Agency, Inc	3,200
Wylie, C. Ellsworth Co	3,200
Doremus & Co., Ltd	3,136
Lowe Features	3,096 2,920
D'Evelyn & Wadsworth, Inc Ingoldsby Co., William A	2,236
Fishler Zealand & Co., Inc.	1.769
Larsen & Aurrecoechea	1.671
Muller & Co., J. P	856
Scholts Advertising Service	688
Hanvey, Howard G	680
Segall Advertising Agency, Theodore H.	424
Shattuck & Ettinger	311
Moss, Faraon Jay, Inc.,	228 874,813
No agency (Dinea Direct)	012,010

BROADCASTING ABROAD Ltd.

Member of

ASSOCIATION OF REPRESENTATIVES FOR FOREIGN BROADCASTING STATIONS

A complete radio service for advertising agencies and exporters covering the Latin American markets.

119 West 57th STREET

NEW YORK, N. Y.

GRAND TOTAL\$11,462,679

FEDERAL TRADE COMMISSION

Activities of the Federal Trade Commission With Respect to Radio Advertising Matter—the New Radio

and Periodical Division

THE Federal Trade Commission began the review of advertising copy broadcast over the radio in 1934, applying standards similar to those employed in the review of published advertising copy.

False and misleading advertising matter as published in newspapers, magazines, and as broadcast over the radio, is continually surveyed and scrutinized by the Radio and Periodical Division of the Commission. By 1929 it had become apparent that such misrepresentation in the periodical field was of such volume as to necessitate specialized attention, and from 1929 until October, 1938, the Commission, through a Special Board of Investigation, reviewed the advertising columns of newspapers and magazines, and since 1934 commercial advertising continuities broadcast by radio, as well as public complaints of false and misleading advertising.

On October 18, 1938, anticipating the added duties devolving upon it by reason of new legislation (amendments to the Federal Trade Commission Act as contained in the Wheeler-Lea Act of March 21, 1938), the Commission abolished the Special Board of Investigation and created a new division, designated Radio and Periodical Division, and transferred to it all of the former functions and duties of the Special Board and its personnel, consisting of about 25 trained lawyers and a clerical force of approximately the same number.

Review of Radio Continuity

The Commission, in its Annual Report for the fiscal year, 1937-38, reports that under its systematic review of advertising copy broadcast over the radio it issues calls to individual radio stations about four times yearly. The continuity returns resulting from such calls for commercial script cover specified 15-day broadcast periods.

National and regional networks respond on a continuous weekly basis, submitting copies of commercial continuities for all programs wherein linked hook-ups are used involving two or more affiliated or member stations.

Producers of electrical transcription recordings submit monthly returns of typed copies of the commercial portions of all recordings produced by them for radio broadcasts. This material is supplemented by periodical reports from individual stations listing the programs of recorded transcriptions and other essential data.

The combined radio material received furnishes specific information on the character of current broadcast advertising and it is proving of great value in the efforts to prevent false and misleading representations.

Vast Amount Studied

During the fiscal year ending June 30, 1938, the Commission received 490,670 copies of commercial radio broadcast continuities, amounting to 1,069,944 pages of typewritten script. These comprised 677,074 pages of individual station script and 392,870 pages of network script.

The former Special Board, through its examining staff, read and marked 490,612 commercial radio broadcast continuities, amounting to 885,857 pages of typewritten script. These comprised 352,870 pages of network script and 532,987 pages of individual station script. An average of 2,905 pages of radio script were read each working day. From this material, 22,959 commercial broadcasts were marked for further investigation as containing representations that may have been false or misleading. The 22,959 questioned commercial continuities provided current specimens for check with existing advertising cases as to their compliance with actions, stipulations, and orders of the Commission and formed the bases of 1,544 prospective cases not previously set aside for investigation.

The Commission has developed from its commercial broadcast data, analyses showing the principal sources of false and misleading advertisements, segregated as to network, transcription, and individual station type of broadcasts, the latter being further broken down as to zone location and transmitting power. Such analyses are prepared only for the Commission's use and guidance in this type of work.

Many requests have been received from radio stations for advice and information concerning certain advertisers and their products. The Commission cannot give the information requested in many cases either because the matters may be under investigation or it is not fully advised of all the facts and cannot render opinions therein.

It is the policy of the Commission to treat as confidential all proceedings prior to acceptance of a stipulation, or the issuance of a complaint. Stipulations, after acceptance by the Commission, and all formal proceedings subsequent to the issuance of a complaint, are matters of public record available to anyone who may request it.

Cooperation of Radio and Publishing Industries

In general, the Commission has received the helpful cooperation of national and regional networks, and transcription producers, in addition to that of some 617 commercial radio stations, 252 newspapers and 408 magazine publishers, and has observed an interested desire on the part of broadcasters and publishers to aid in the elimination of false, misleading and deceptive advertising.

The Commission's representative coverage of current national and regional advertising, between July 1, 1934, and June 30, 1938, includes examination of 2,069,306 newspaper, magazine and radio advertisements for questionable representations. An analysis of commodity data, drawn from the questionable advertisements set aside for investigation in connection with this review, discloses the following classifications with respect to type, purpose, or use as advertised:

Percentage of

Commodities Named in Advertisements Marked for Investigation, 1934-1938

NAME OF COMMODITING	total advertised articles in
NAME OF COMMODITY	group investigated
Drugs, drug products, drug component preparations, and alleged	
remedies	30.5
Food products and beverages	6.8
Cosmetics and toiletries	6.1
Health devices, instruments, apparatus, contrivances, and similar	
specialty articles	5.3
Commodity sales promotion plans, with agency and employment	
offers, and specialty, novelty goods advertising	14.9
Correspondence courses, stamps, coins, astrological data, books, and	
similar mail order offers	12.5
Automobile, redio, refrigerator, and other equipment lines	9.0
Miscellaneous, including apparel, tobacco products, pet breeding, poultry raising, gasoline and lubricants, specialty building ma-	
terials, etc.	14.9

The above compilation was based on an analysis of 105,962 questionable commercial radio continuities, and 55,863 questionable published advertisements, contained in 12,759 prospective advertising case files, assembled during the four fiscal years from July 1, 1934, to June 50, 1938, inclusive.

Sources of Advertising Cases

Examination of current newspaper, magazine and radio advertising, in the manner described, has provided the basis of an average of 80.4 per cent of the cases handled by the Commission through its former Special Board in the last three years. Complaints received from the public and information referred to the former board from other divisions of the Commission and from other government agencies formed the basis of the balance of this work.

Number of Cases Handled

During the fiscal year ended June 30, 1938, the Commission, through its former Special Board, sent questionnaires to advertisers in 733 cases, negotiated 383 stipulations, and settled and closed by its

various methods of procedure a total of 625 cases. In certain cases the Board recommended that complaints be issued for failure to execute stipulations or for violating stipulations, and in other cases recommended that complaints be issued without giving the advertisers an opportunity to stipulate because of gross deception or danger to the public involved in the practices in which they were engaged.

In many cases the Board recommended filing the assembled data and closing the cases without prejudice to the right of the Commission to reopen them at any time the facts warranted. Some cases were closed because the Post Office Department had issued fraud orders against the respondents concerned or had accepted stipulations in lieu of fraud orders. Others were closed because the parties respondent had discontinued advertising or selling without intent to resume, and others because the advertisers were able to justify their claims.

RESEARCH

ORGANIZATIONS

Anderson Nichols Associates

330 West 42 St., New York, N. Y.
Phone BRyant 9-2278
President......E. R. Anderson
Secretary & Treasurer.....H. B. Nichols
Radio Research......Paul W. Stewart

Branch Office
Suite 307, 53 State St., Boston, Mass.
Phone Capital 8498

Crossley, Inc.

330 West 42 St., New York, N. Y.
Phone BRyant 9-5462

President..........Archibald M. Crossley Services Offered: Program rating, nationwide or individual area studies, general marketing consultants.

Adriau J. Flanter & Associates

132 W. 42rd St., New York, N. Y. Phone, PEnnsylvania 9-6080 Services offered: Promotion counsel and research for broadcasting interests.

Walter P. Burn & Associates, Inc.

Bell Bldg., Chicago, III. Court Exchange Bldg., Bridgeport, Conn. Services Offered: Market studies, research, maps, etc.

Paul T. Cherington

2421 Time-Life Bldg., 9 Rockefeller Plaza New York, N. Y. Phone, CIrcle 6-0926

Services Offered: Distribution consultant, market surveys, media studies.

Radio Coverage Reports

7 West 44th St., New York, N. Y. Phone, MUrray Hill 2-7462 DirectorEdgar Felix

The Cooperative Analysis of Broadcasting

330 West 42nd Street, New York, N. Y. Phone, MEdallion 3-3898

D. P. Smelser, Chairman (Procter & Gamble Co.); C. H. Lang (General Electric Co.); George Gallup (Young & Rubicam); A. Wells Wilbor (General Mills); L. D. H. Weld (McCann-Erickson).

Services Offered: CAB rates all commercial network programs, daytime as well as evening, and in addition analyzes these ratings by geographical sections, income groups, etc. It is authorized by the Association of National Advertisers and the American Association of Advertising Agencies to carry on this work which it has been doing since March, 1930.

Facts, Inc.

420 Lexington Ave., New York, N. Y. MOhawk 4-2669

President.....Thomas G. MacGowan

Roy S. Frothingham

111 Sutter Street, San Francisco, Calif.
Phone, Douglas 6446
Services Offered: Sales and advertising research.

C. E. Hooper, Inc.

51 East 42nd St., New York, N. Y. Phone, VAnderbilt 3-6490

President......C. E. Hooper Vice-President.....E. A. Tomsett

Services Offered: Radio audience and listening survey specialists, publishers of monthly radio report (Hooper Report).

Hooper-Holmes Bureau

102 Maiden Lane, New York, N. Y.
Phone BEekman 3-5500
Director of Research......Chester E. Haring

Branch Offices 80 Offices Throughout United States and Canada

Irwin & Irwin

Joint Committee on Radio Research

(cooperative AAAA, ANA & NAB survey) 420 Lexington Ave., New York, N. Y. Phone, LExington 2-6460

ChairmanJohn Benson

Helen King

17 East 48th St., New York, N. Y. Phone, Wickersham 2-1127

Services Offered: Contest consultant, research and management (i.e., judging, planning, research, statistics, etc., on contests).

Walter Mann & Staff

350 Madison Ave., New York, N. Y. MUrray Hill 2-3479

President..... Walter Mann

Services Offered: Research, surveys, and counsel for scientific advertising and sales strategy for advertisers, agencies, publishers and radio stations.

Market Data Service

211 State Street, Bridgeport, Conn. Phone, 5-3218

Vice-President..........J. S. Westbrook

Branch Offices

7 West 44th St., New York, N. Y.

Bell Bldg, Chicago, Ill. Services Offered: Merchandising, marketing research and surveys.

Market Research Corp. of America

1250 Sixth Ave., New York, N. Y. Phone Circle 7-1655

President.....Percival White Vice-President..... Pauline Arnold

National Radio Auditors

350 Madison Ave., New York, N. Y. Phone, MUrray Hill 2-2037

Secretary......Claire Cummings

Services Offered: A cooperative organization for the verification of circulation of broadcasting stations in the United States and Canada.

A. C. Nielsen Company

2101 Howard Street, Chicago, Ill. Phone, Hollycourt 6100

President......A. C. Nelson Executive Vice-President in Charge of Nielsen Radio Index......H. L. Rusch

Branch Office 500 Fifth Ave., New York, N. Y. Phone, PEnnsylvania 6-7126 Executive Vice-President.....J. O. Peckham

R. L. Polk & Co., Inc.

354 Fourth Ave., New York, N. Y. Phone CAledonia 5-8500 President.....R. L. Polk Secretary Treasurer..........F. R. Mixer

Psychological Corp.

522 Fifth Ave., New York, N. Y. Phone VAnderbilt 3-9356

Managing Director......Paul S. Achilles Director of Research....Dr. Henry C. Link Services Offered: Market research.

Ross Federal Research Corp.

18 East 48th St., New York, N. Y. Phone, PLaza 3-6500

Director of Advertising.....Donovan Hall

Daniel Starch

420 Lexington Ave., New York, N. Y. MOhawk 4-6624 President..... Daniel Starch Director Research......T. Mills Shepard

Better Sales Material at Budget Cost

Special surveys

are sometimes needed and we can make But there are hundreds of facts about your market, gathered by Federal, State and Educational Authorities at a cost of millions of dollars. We can sift. sort, compare and dramatize this material for your local and national sales effort. Write us for details of this service and proof of its effectiveness.

WALTER P. BURN & ASSOCIATES, INC.

MARKET DATA SERVICE INC.

> 7 West 44th Street New York, N. Y.

Bridgeport, Conn. Chicago, Ill.

THE NATIONAL ADVERTISER ☆ AND SPOT RADIO ☆

By

C. E. MIDGLEY, JR.

Time Buyer, Batten, Barton, Durstine & Osborn, Inc.

PERHAPS the most significant development in spot broadcasting during the past year has been the increased use of this type of radio by national advertisers. This is a trend which has been increasing steadily but which has not yet reached its full force. Each year new advertisers "discover" this medium and most of the old ones remain. There are a number of reasons for the selection of spot broadcasting as an element in every advertising campaign.

An advertiser really has two separate sales pictures with which he is concerned. The first is the national problem—his sales and advertising requirements for the country as a whole. The second is a series of individual pictures of each territory in which he sells his product. Very possibly no two of these pictures are identical and each requires individual analysis, study and treatment. Network advertising can be used to meet the broad, national requirements, but it is in the individual territories that spot broadcasting has proved so effective.

For example, in one territory local competition might be unusually strong and a series of spot broadcasts would be just the added impetus needed to put the national advertiser on an equal footing. In another area the lack of dealer cooperation might be the one factor that slows up sales and a series of radio programs on a local station would enlist the dealer help that had been lacking.

Many advertisers use spot radio as a testing ground for the selection of a program with broad, general appeal for network or transcription use. Other advertisers with distinctly seasonal sales find spot broadcasting their most effective medium.

Of course, an advertiser cannot just go into a city and spend \$1,000.00 or \$5,000.00 for "some radio." He must plan his campaign as thoroughly as if he were using network radio or some other medium.

The radio stations throughout the country, long ago, mastered marketing problems and coverage statistics. They know what they can offer the advertiser in radio families, filling stations and groccry outlets. They have developed a sense of showmanship, an analysis of the likes and dislikes of their listeners. They can counsel with the national ad-

vertiser and help him select a program which will be the correct solution. Maybe a news commentator would be the best bet in one area, a barn dance in another and a vocal trio in a third. This is the type of service which intelligent stations offer an advertiser today and which result in increased business.

The amount of merchandising, publicity and dealer promotion which a radio station will undertake for a spot schedule far exceeds the amount which it will supply for a network advertiser. Theoretically, this should not be true but it is governed by sheer economics. Every radio sponsor should merchandise his program to the fullest extent in order to secure the greatest effectiveness. This, of course, is a maxim of the industry.

There are certain advertisers who have never used radio but who have stood by and seen it produce definite sales results for their competitors. For this group, spot broadcasting offers an opportunity to test the medium on as small a scale as desired until they become convinced that it can sell their products, too.

If there is any one single word which can best describe spot broadcasting, it is flexibility. Flexibility in the selection of markets, programs and time of broadcast. Spot radio can be as large or small a part of the general advertising campaign. It can be used as a testing ground or for intensive hard-hitting, direct selling.

It is not surprising, then, that the expenditures for spot broadcasting have been increasing more rapidly each year or that each year finds new national advertisers listed as sponsors. Radio has all the elements of an effective selling medium. With most of the cream hours for network broadcasting currently sold, the advertiser will be forced to rely on spot radio to derive the benefits of this type of advertising.

By

DR. L. D. H. WELD

Director of Research, McCann-Erickson, Inc.

THE YEAR 1938 was not a good one for advertising. There was a drop of 13.9 per cent for the year as a whole as compared with 1937. This record is not surprising, however, because it is right in line with what has happened to general business conditions during 1938. The Trade Barometer, constructed by the writer and published in Dun's Review, fell off almost exactly 12 per cent. Industrial production fell off even more—about 25 per cent.

Looked at from the standpoint of preceding years, 1937 had shown an increase of 5.5 per cent over 1936; and 1936 had shown an increase of 12.2 per cent over 1935. These figures reflect the business improvement during 1936 and 1937. The effect of the present depression, which began in 1937, is reflected in the drop of 1938.

The Index of General Advertising reveals what has happened to advertising in general. For 1938, the index stood at 81, as compared with 94 in 1937. Although 1938 registered a substantial decrease, it was still 25 per cent higher than in 1933. On the other hand, the 1938 index will have to increase 49 per cent before it reaches the alltime high of 121, which happened in 1929. The writer believes that it will reach this level again, some day, but nobody can tell how long it will take.

Radio

Radio is the only one of the five media considered — farm papers, outdoor, magazines, newspapers and radio—which showed an increase in 1938 over the previous year. To be sure, the increase was only from 256 to 259, a gain of 1.3 per cent. The present depression simply slowed radio up.

Radio started out by showing good increases during the first three months. Then it about broke even for the next quarter. During the summer it showed decreases of from 6 to 8 per cent. During the fall radio again began to show increases of a little over 5 per cent. The highest point of the year was in June, when the index reached (Indexes for 1938 are par-281.0.tially estimated because December figures are not available, but the inclusion of the final figures cannot, however, appreciably alter the results for the year as a whole.)

The course of advertising depends almost entirely on the course of business conditions. The preponderance of opinion at present is that 1939 will be definitely better than 1938. If business should keep on improving during the year, advertising would pick up as the months roll along, but from the standpoint of the present outlook, I might hazard a guess that advertising will probably show an increase of from 6 to 10 per cent during 1939.

^{* (}Condensed from an article by Dr. Weld which appeared in Printers' Ink)

By

N. G. NATIRBOV

IN MANY respects one of the most attractive markets in the United States, is the foreign-language market. This important sales outlet is made up of foreign speaking Americans who still depend on their native tongue for self-expression. This virgin market presents unusual opportunities for sales promotion of nationally advertised products.

According to the latest U.S. Census, approximately 30,000,000, or a little less than one-fourth of our population is made up of people who are either foreignborn, or native-born of foreign or mixed Further analysis of this parentage. breakdown reveals that 14,000,000 are actually foreign-born. 40% to 70% of the population of every important city in the U.S. is made up of these people who speak a "foreign" language at home. For instance, in the greater New York area alone there are more Italians than the combined populations of Indianapolis, Ind., Houston, Tex., and Columbus, Ohio. More Jews than the entire population of the City of Philadelphia, and more Polish speaking people than the total population of Kansas City, Mo. In Chicago over 65% of the total population is made up of foreign-born, or native-born of foreign or mixed parents. Other great industrial and commercial centers like Philadelphia, Detroit, Boston, Pittsburgh, Milwaukee and Buffalo have also highly concentrated foreign speaking communities running into hundreds of thousands.

Consistent Clients

These foreign speaking centers represent tremendous purchasing power. They spend billions of dollars each year on food, soaps, drugs, toilet articles and automobiles. Their daily wants and needs

are numerous and varied. Yet, comparatively few of the national advertisers have realized the primary importance of this virgin market. In the past two years the number of national accounts and the volume of dollars spent in the foreign-language radio medium have been continually going up. What is more import-

National Foreign Language Broadcasting Service • • •

- Pioneers in the specialized field of Foreign Language Broadcasting.
- We offer Productive Program ideas in every Language.
- pertinent Facts, Figures and capable Station Presentation.

J. FRANKLYN VIOLA & CO.

152 W. 42nd Street

New York City

ant is the fact that those national advertisers who once try this medium are usually so satisfied with the results that they remain consistent users for several vears at a time. Procter & Gamble is perhaps the outstanding example among the national advertisers who have made strong efforts in this field. They cover all the important markets, and their appropriation for the foreign-language radio medium runs into over \$100,000.00 a year. These campaign have proven to be so successful that their contracts with most of the foreign-language stations have been again renewed for the third time.

Foreign Language Outlets

No other medium is received with such great enthusiasm and loyalty as the foreign-language radio. There are today approximately 200 radio stations in this country which broadcast regularly one or more programs in the foreign-language. The average life of these programs is from five to seven years, and most of them have proven to be very successful in increasing sales for their sponsors.

Broadcasts

There is little wonder that these broadcasts are so extremely effective and popular with these foreign speaking Americans, for they are carefully produced and directed to appeal to the natural tastes of these "foreign" customers who spend billions of dollars each year on the products which are introduced to them through this medium. The various surveys which have been made in this field prove conclusively that the foreign-language radio advertising offers the most economical, and at the same time highly effective approach to this important market. In fact, the surveys made among the retail trade show that in every case over 80% of the retailers interviewed acclaim foreign-language radio as the most effective medium in helping them sell their products.

It is a natural desire of these people to listen to broadcasts originating in their native tongue. Furthermore, our greatest markets are made up of these people whose familiarity with some of our best products is still very vague. It is mainly for this reason that those national advertisers who have made special efforts to get this trade, have met with such enormous success. For in spite of the fact that practically one-half of these "foreign" customers understand English, the greater majority of them are still influenced entirely by what they hear in their native tongue. This is especially true where their buying habits are concerned.

It is for this reason that any consideration of advertising plans in any one of the industrial centers cannot be complete unless special effort is made to reach these vastly important foreignspeaking groups.

JOHNSTON & NATIRBOV

SPECIALISTS in foreign-language radio advertising, covering all the important national markets.

A complete service including:-

- PLANNED ADVERTISING
- MERCHANDISING
- SELLING
- PROGRAMS AND CONTINUITIES
- RECORDINGS
- TALENT

Representatives of 60 of the most important Foreign Language Stations

JOHNSTON & NATIRBOV

420 Lexington Ave., New York City

MOhawk 4-0310

☆ A TIME BUYER LOOKS ☆ AT STATION REPRESENTATIVES

By FRANCIS H. CONRAD

Time Buyer, McCann-Erickson, Inc.

THE TIME BUYER in the average advertising agency probably expects more than he should from station representatives. That is probably as it should be. For no time buyer worth the berth he occupies can get along without station representatives. Radio as a medium is too fluid for one man to know all about it. Station representatives may sometimes feel that a time buyer is asking for too much.

What may a time buyer expect of a station representative? It amounts to little more than you can find in any book on "How to Get Your Foot in the Door and Close the Order," but at least one time buyer feels they are the fundamentals of sound station representation.

- 1. The time buyer has the right to expect that the station representative has an advertising background. Such a background is practically an indispensable quality for the representative. The time buyer, no matter how great his feelings otherwise, must consider radio as simply another medium of advertising. He must relate radio to the whole sales picture of the product advertised. He must relate a particular station to the whole picture of the sales of that product. Simple as that sounds, that's advertising. without that same fundamental concept a station representative is wasting everybody's time.
- 2. The time buyer has the right to expect that the station representative shall know, not only what he's talking about, but why. Regardless of the results produced by a survey, regardless even of the phenomenal success of a station's promotion with its listeners, unless the story is the story the time buyer wants to hear, it doesn't mean anything. In a word, the station representative's sales talk must be keyed to the thinking of the time buyer.
- 3. The time buyer has the right to expect that the station representative can move around to his side of the desk

and look at the problem. The time buyer is interested in selling the client's products. A radio station is a means of selling that product—sometimes. The selling of that product may be complicated by any one of a hundred different factors. The station representative must be able to put himself in the time buyer's place, and look at those factors. He must be able to determine, from that side of the desk, how the station will help in overcoming those factors.

4. The time buyer has the right to expect that the station representative can keep his mouth shut. No time buyer can possibly keep in touch with all of the changes in markets and stations throughout the country. He must get accurate station information from the representa-He must, more often than not, place his problems on the desk for the station representative to see, and aid him in solving. He has the right to expect that when he does place his problems before the station representative, that the representative will not talk about it. He has the right to know that the station representative will not use the fact that he is going to buy time, as a lever on another time buyer. He has a right to know that a campaign's strength will not be vitiated by a station representative's premature announcement.

Along with these four suggestions, another bears repetition. Don't oversell. After all, an agency operation is a continuous operation. When a time buyer has been oversold once, it's a pretty fair bet he won't repeat by buying.

SEARS & AYER

INCORPORATED

RADIO STATION REPRESENTATIVES

CHICAGO NEW YORK

"MONEY TALKS IN ANY LANGUAGE"

FOREIGN DEPARTMENT

Complete National Coverage of FOREIGN-LANGUAGE MARKETS in the United States.

ENGLISH DEPARTMENT

Major U. S. Buying Markets
Covered by QUALITY STATIONS
That Give RESULTS.

FORJOE & COMPANY

Radio Station Representatives
19 W. 44th St., N. Y. VAnderbilt 3-8950
Forrest U. Daughdrill, Gen. Mgr.

STATION REPRESENTATIVES EVERYWHERE READ RADIO DAILY

REGULARLY

RADIO STATION ☆ REPRESENTATIVES

Radio has no more ardent salesman and supporter than the representative. Individually and collectively he has been a vital force in the successful growth of radio. In servicing agencies by supplying needed facts, availabilities and other data, he bridges the gulf of hundreds and thousands of miles separating the station and the agency. The listing which follows is up-to-date as of Feb. 15, 1939.

ALL-CANADA RADIO FACILITIES LIMITED

Calgary-Southam Bldg.

H. R. Carson, President-Managing Director; A. R. Gibson, Secretary-Treasurer.

Montreal-Dominion Square Bldg., B. Hall

Toronto-Victory Bldg., G. F. Herbert

Winnipeg-Manitoba Telephone Bldg., P. H. Gayner

Vancouver-541 West Georgia St., J. É. Baldwin

Stations—CKWX, CFJC, CJAT, CFAC, CJCA, CFGP, CJOC, CHAB, CKBI, CKCK, CKX, CFAR, CKY, CJKL, CFCH, CKGB, CFRB, CFCF, CFNB, CHNS, CJCB, CFCY, CJCS.

ASSOCIATED BROADCAST ADVERTISING CO.

ASSOCIATED BROADCASTING CO., LTD.

3325

BERTHA BANNAN

(New England Representative*)

^{*}Stations represented on a regional basis in New England only.

WALTER BIDDICK COMPANY

Whereit bibbiek com him	
Los Angeles—568 Chamber of Commerce Bldg	6184
San Francisco—1623 Russ Bldg., Walter Monroe, Jr., Manager	5415 6440
Stations—KTAR, KVOA, KFSD, KFOX, KTMS, KARM, KXO, KROY, KVEC, KHSL, KIEV, KYOS, KTRB, KSRO, KTKC, KAST, KFJI, KOOS, KMED, KRNR, KXL, KLO, KUJ, KFPY, KGVO, KTSM, KGU, KFQD, KGBU, KFBI, KMA, KID, KTFI, KSEI, KFXD, KRLC, KGHF, KFXJ, KDFN, KWYO, KGNC, WIBW.	
JOHN BLAIR & COMPANY	
Cbicago—520 N. Michigan Avenue	8660
New York City—341 Madison Avenue	9-6084
Detroit—New Center Bldg., R. H. Bolling	7889 3548 3188
WOW, KDYL, WGBI, WSPD, WWVA, WLS, KTHS, WMBG, WOKO, WBIX, WJAX, WFLA, WQAM.	
THE BRANHAM COMPANY	
New York—230 Park Avenue	6-1860
Chicago—360 N. Michigan Avenue	5726
Detroit—General Motors Bldg., Harry Anderson	8893 2-8569 4851 6192 1023 6740 1269 7484 4480
BROADCASTING ABROAD, LTD.	
(Latin America Representative)	7 /161
Yew York—119 West 57th Street	7-4101
Stations—in Argentina, Bolivia, Brazil, Canary Island, Chile, Colombia, Costa Rica, Cuba, Dominican Republic, Ecuador, Salvador, Guatemala, Haiti, Honduras, Mexico, Nicaragua, Panama, Paraguay, Peru, Philippine Islands, Puerto Rico, Spain, Uruguay, Venezuela.	
HOWARD C. BROWN COMPANY	
Hollywood—6418 Santa Monica Blvd	6045
BRYANT, GRIFFITH & BRUNSON, INC.	
New York City-9 East 41st Street	2-2174

Chicago—360 N. Michigan Avenue
DUDN CMITH COMPANY INC
BURN-SMITH COMPANY, INC.
New York City—7 West 44th St
Detroit—New Center Bldg., Don F. Daubel
WRNL, WCHV, WBTM, WGH, Virginia Broadcasting System (comprising WCHV, WLVA, WBTM, WRNL, WGH).
CHARLES C. CALEY
Peoria—Alliance Life Bldg
CAPPER PUBLICATIONS
New York City—420 Lexington Avenue
William L. McKee, Dean A. Bailey.
Chicago—180 N. Michigan Avenue, Felix Morris
San Francisco—1207 Russ Bldg., William B. Flowers
CONQUEST ALLIANCE CO., INC.
(Latin America Representative)
New York—515 Madison Avenue
Clarence H. Venner, President; A. M. Martinez, Vice-President. Cbicago—203 N. Wabash Ave., Alfred V. Bamford, Manager
COX AND TANZ
Philadelphia—Drexel Building
HARRY E. CUMMINGS
(Southeastern Representative*)
Jacksonville, Fla.—306 Florida National Bank Bldg
JOHN G. DALE
New York City-551 Fifth Avenue
John G. Dale, Manager.
Chicago—360 N. Michigan Avenue

DOMINION BROADCASTING CO. Toronto, Canada—4 Albert Street, Hal B. Williams, Manager	3383
JAMES F. FAY RADIO BROADCASTING CO. (New England Representative*)	
Boston—1011 Statler Bldg., James F. Fay, President	1225
FORJOE & COMPANY	
New York City-19 West 44th Street	3-8950
Stations—KFRO, WGES, WSBC, WCBD, WEMP, WTMV, KPAB, KFVD, KFOX; Stations represented for foreign language programs: WDAS, WBRE, WWSW, WKBN, WSAY, WJBK, KSAN.	
FREE & PETERS, INC. (and Free, Johns & Field)	
New York—247 Park Avenue	5-4131
Chicago—180 N. Michigan Avenue	6373
Atlanta—617 Walton Bldg., F. Lacelle Williams. Jackson San Francisco—111 Sutter Street, A. Leo Bowman Sutter Detroit—New Center Bldg., Charles G. Burke. Trinity Los Angeles—Chamber of Commerce Bldg., Walter Biddick Co. Richmond Stations—WHO, WGR-WKBW, WCKY, WOC, WIDAY, WOWO,WGL, KMBC, WAVE, WTCN, WMBD, KSD, WFBL, WCSC, WIS, WPTF, WDBJ, KTUL, KOIN-KALE, KSFO, KVI.	1678 4353 2-8444 6184
GENE FURGASON & COMPANY	
Chicago—221 North La Salle Street	
New York City—551 Fifth Avenue	6810
NORMAN B. FURMAN, INC.	
(Foreign Language Representative)	
New York—117 West 46th St., Norman B. Furman Longacre	3-0035
GEORGE P. HOLLINGBERY CO.	
New York City—420 Lexington Avenue	
Chicago—307 N. Michigan Avenue	2898
Detroit—Park & Adams Street, Fred Hague	4039
INTERNATIONAL BROADCASTING COMPANY, LTD.	
(European Representatives) London—37, Portland Place, W.l	2000

INTERNATIONAL RADIO SALES

New York—20 East 57th Street. Plaza 8-2600 Loren L. Watson, General Manager; Ed Harvey, Production Manager; Lincoln P. Simmonds; Robert E. Howard. Chicago—326 W. Madison Street. Central 4547 R. N. Weil, Manager; J. Chris Hetherington, Richard Kopf. R. N. Weil, Manager; J. Chris Hetherington, Richard Kopf. R. N. Weil, Manager, J. Chris Hetherington, Richard Kopf. R. N. Weil, Manager, J. Chris Hetherington, Richard Kopf. R. N. Weil, Manager, J. Chris Hetherington, Richard Kopf. R. N. Weil, Manager, J. Chris Hetherington, Richard Kopf. R. N. Weil, Manager, J. Chris Hetherington, Richard Kopf. R. N. Weil, Manager, J. Chris Hetherington, Richard Kopf. R. N. Weil, Manager, Stations Representatives and Conditions—WCAE, WBAL, WISN, WISN, KOMA, KTSA, WSAI, KNOW, WACO, KEHE, KYA, WLS, KOY, Texas State Network. JEWISH RADIO ZONE ADVERTISING CO. (Foreign Language Station Representatives*) New York City—110 West 40th Street. Planting Principals. *Stations represented only for the broadcasting of Jewish programs. JOHNSTON & NATIRBOV (Foreign Language Station Representatives*) New York City—420 Lexington Avenue. Mohawk 4-0310 M. G. Natirboy, President and General Manager. *Stations—WOV, WEVD, WITH, WBBC, WBNX, WGEB, WIND, WSBC, WBNY, WCOP, WTEL, WPBC, WDAS, WWSW, WJBK, WEMP. *Stations represented only for the broadcasting of foreign language programs. **THE KATZ AGENCY, INC.** New York City—500 Fifth Avenue. Longacre 5-4595 G. R. Katz, President; S. L. Katz, Vice-President; Eugene Katz, Secretary; M. J. Beck, Treasurer; G. W. Brett, Sales Manager; G. H. Gunst, A. Doris, S. R. Rintoul, M. O'Mara, Ned Costello, M. Kellner, D. H. Denenholz, Ted Kruglak, H. R. Goldberg. Chicago—307 N. Michigan Avenue. Surperior Adams Adelaide 10 August 10 Augu	(A Division of Hearst Radio, Inc.)	
Chicago—326 W. Madison Street	Loren L. Watson, General Manager; Ed Harvey, Production Manager;	8-2600
Los Angeles—141 N. Vermont Avenue, John Livingston	Chicago—326 W. Madison Street	4547
(Foreign Language Station Representatives®) New York City—110 West 40th Street	Los Angeles—141 N. Vermont Avenue, John Livingston	
New York City—10 West 40th Street. PEnnsylvania 6-0043 B. Waxelbaum, J. S. Epstein, Principals. Stations represented only for the broadcasting of Jewish programs. JOHNSTON & NATIRBOV (Foreign Lungnage Station Representatives*) New York City—420 Lexington Avenue	IEWISH RADIO ZONE ADVERTISING CO.	
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(Foreign Language Station Representatives®) New York City—420 Lexington Avenue	IOHNSTON & NATIRBOV	
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Detroit—General Motors Bldg	Chicago—307 N. Michigan Avenue	4238
Kansas City—Bryant Bldg	Detroit—General Motors BldgTrinity	2-7685
Atlanta—22 Marietta Street Bldg	Kansas City—Bryant Bldg	7095
Fred M. Bell, Manager; Marvin Smith. Philadelphia—260 S. Broad Street, M. J. Flynn. Kingsley Dallas—Republic Bank Bldg., Frank Brimm. Dallas 2-7936 San Francisco—Monadnock Bldg., Richard S. Railton. Sutter 7498 Stations—KIRO, WGST, KGHL, WCFL, WNOX, KVOR, KLZ, KGU, KLRA, WREC, WWL, WKY, KTAR, WDAE, WMT, KSO, KRNT, KANS, KFAB, KOIL, KFOR, WIRE, WNAX. KELLY-SMITH COMPANY New York City—420 Lexington Avenue. Mohawk 4-2434 Frank W. Miller, President-Treasurer; James E. Mullins, Secretary. Frank M. Headley, Manager; Lester Blumenthal. Chicago—180 N. Michigan Avenue, Dwight S. Reed, Manager. Franklin 4687 Detroit—New Center Bldg., Robert B. Rains, Manager. Madison Stations—WSGN, WROK, WSJS, KFEQ, WSFA, WSPA. IOSEPH HERSHEY McGILLVRA New York—366 Madison Avenue (Main Office). VAnderbilt 3-5055 Joseph M. McGillvra, Owner; Norman R. Prouty, Sales Manager; Adam Young, Jr. Chicago—919 North Michigan Avenue. Superior 3444 Harlan G. Oakes, Manager; S. M. Aston. San Francisco—627 Mills Building, Duncan A. Scott, Manager. Sutter 1393 Los Angeles—527 West Seventh Street, William S. Wright, Manager. Vandyke 6336 Toronto—Metropolitan Building	Atlanta—22 Marietta Street Bldg.,	4795
Dallas—Republic Bank Bldg., Frank Brimm	Fred M. Bell, Manager; Marvin Smith.	
San Francisco—Monadnock Bldg., Richard S. Railton	Philadelphia—200 S. Broad Street, M. J. Flynn	1950 2-7936
New York City—420 Lexington Avenue	San Francisco—Monadnock Bldg., Richard S. RailtonSutter Stations—KIRO, WGST, KGHL, WCFL, WNOX, KVOR, KLZ, KGU, KLRA, WREC, WWL, WKY, KTAR, WDAE, WMT, KSO, KRNT, KANS,	
Frank W. Miller, President-Treasurer; James E. Mullins, Secretary. Frank M. Headley, Manager; Lester Blumenthal. Chicago—180 N. Michigan Avenue, Dwight S. Reed, Manager. Franklin Detroit—New Center Bldg., Robert B. Rains, Manager. Madison Stations—WSGN, WROK, WSJS, KFEQ, WSFA, WSPA. IOSEPH HERSHEY McGILLVRA New York—366 Madison Avenue (Main Office) VAnderbilt Joseph M. McGillvra, Owner; Norman R. Prouty, Sales Manager; Adam Young, Jr. Chicago—919 North Michigan Avenue Superior Harlan G. Oakes, Manager; S. M. Aston. San Francisco—627 Mills Building, Duncan A. Scott, Manager Sutter Los Angeles—527 West Seventh Street, William S. Wright, Manager Vandyke Toronto—Metropolitan Building Adelaide 4687 4687 4687 4687 4675 4675 Chicago—190 VAnderbilt 3-5055 Superior Addelaide 4687 4675 4675 4675 4675 4675 4675 4675 4675 4675 4675 4675 4675 4675 4675 4675 4676 4675		
Detroit—New Center Bldg., Robert B. Rains, Manager	Frank W. Miller, President-Treasurer; James E. Mullins, Secretary. Frank M. Headley, Manager; Lester Blumenthal.	
New York—366 Madison Avenue (Main Office)	Detroit—New Center Bldg., Robert B. Rains, Manager	
Joseph M. McGillvra, Owner; Norman R. Prouty, Sales Manager; Adam Young, Jr. Chicago—919 North Michigan Avenue	JOSEPH HERSHEY McGILLVRA	
Chicago—919 North Michigan Avenue	Joseph M. McGillvra, Owner; Norman R. Prouty, Sales Manager; Adam	3-5055
San Francisco—627 Mills Building, Duncan A. Scott, ManagerSutter1393Los Angeles—527 West Seventh Street, William S. Wright, ManagerVandyke6336Toronto—Metropolitan BuildingAdelaide4429	Chicago—919 North Michigan Avenue	3444
Los Angeles—527 West Seventh Street, William S. Wright, ManagerVandyke 6336 Toronto—Metropolitan Building	San Francisco—627 Mills Building, Duncan A. Scott, Manager Sutter	1393
	Los Angeles—527 West Seventh Street, William S. Wright, ManagerVandyke Toronto—Metropolitan Building	6336

Montreal—510 Keefer Building, Lovell Mickles, Jr., ManagerMarquette Stations—KELD, KUOA, KGAR, KARM, KRKD, KORY, KJBS, KQW, KVEC, WBRY, WTBO, WSAR, KROC, KGVO, KRQA, WQXR, KTOK, KCRC, KADA, KVSO, KBIX KGFF, KOME, WBBZ, KRBC, KBST, KPLT, KGKL, KUTA, WRJN, CKLW, CFCN, CFRN, CJOR, CJRC, CKCW, CHSJ, CJCB, CKPC, CFCO, CKCO, CFLC, CJIC, CFRB, CFCY, CKAC, CHNC, CHRC, CJRM, CJGX, CFQC, CKNX, CKSO, CFPL, CKLW, CJBR, CKOV.	1184
WILLIAM A. McGUINEAS	
(Eastern Representative) New York City—220 East 42nd Street	3-9292
J. P. McKINNEY, SPECIAL AGENT	
New York City-30 Rockefeller Plaza	7-1178
Chicago—400 N. Michigan Avenue, Ray Davis	9866 5333
CHARLES MICHELSON	
(Australian Representative)	
New York City-545 Fifth AvenueMUrray Hill	2-3376
MITCHELL & RUDDELL, INC.	1/21
Kansas City—1004 Baltimore, R. W. Mitchell, President	1421 4-6698
P. J. Bogner, General Manager; John P. Martin.	
Chicago—180 N. Michigan Avenue, H. B. Ruddell, Vice-President	1160 1965
Station—WJMS.	2,00
NATIONAL BROADCASTING COMPANY	
New York City—30 Rockefeller Plaza, Maurice M. Boyd	7-8300 4261
Cleveland—815 Superior Ave., N. E., Donald G. Stratton	0942
Detroit—Fisher Bldg., Robert A. White	2-7900 4200
Chicago—Merchandise Mart, Oliver MortonSuperior	8300
Hollywood—5515 Melrose Avenue, Sidney Dixon	3631 1920
San Francisco—111 Sutter Street, Glenn Ticer	1920
WMAQ, KOA, KPO, KGO, KDKA, WGY, KYW.	
NORTHWEST RADIO ADVERTISING CO., INC.	
Seattle—802 American Bank Bldg	9282
Stations—KINY.	
PAN AMERICAN BROADCASTING COMPANY (Latin America, Alaska, and Newfoundland Representative)	
New York City—330 Madison Avenue, E. Bernald, ManagerMUrray Hill	2-0811
Chicago—228 North La Salle St., F. R. Jones, Manager	
Cleveland—1635 East Twenty-Fifth St., Alonzo Hawley	2922
New York City-17 East 42nd Street	2-4401
William K. Dorman, Manager; W. T. Kelly, H. Hatchette.	9095
Chicago—122 S. Michigan Avenue, O. J. Ranft, Manager	8085 0790
Atlanta-406 Chamber of Commerce Bldg., R. S. Kendrick, ManagerWalnut	3443
San Francisco—742 Market Street, (R. J. Bidwell Co.)	
Station—WCOA.	
EDWARD PETRY & COMPANY, INC.	
New York City—17 East 42nd Street	2-4401
Voynow, Vice-President; Lawrence Field, Henry Ringgold, Glen Harker,	
Albert Young, Jr., Myron Elges, Carl Doty, Robert Latham.	

Chicago—400 N. Michigan Avenue	8600
L. Thompson, William Cartwright. Detroit—General Motors Bldg	1035
Joseph Spadea, Richard Daley. San Francisco—111 Sutter Street, Earle H. Smith	4010 8729
RALPH L. POWER	
(Australian Representative)	
Los Angeles—407 Van Nuys Bldg	5617
RADIO ADVERTISING ASSOCIATES	
(Southeastern Representatives*)	
Atlanta—925-6 Grant Bldg., R. L. Watkins, President	1833
RADIO ADVERTISING CORP.	
New York City-341 Madison Avenue	4-0212
Chicago—360 North Michigan Avenue, George Roesler, Manager	0605 5800
RADIO SALES, INC.	
New York—485 Madison Avenue	2-2000
Somerville, Frank McDonnell, Howard Schreiber. Chicago—410 N. Michigan Avenue	6000
Kelly Smith, General Manager; Paul Wilson. Detroit—902 Fisher Bldg., Herbert Carlborg	0688
San Francisco—Palace Hotel, Henry M. Jackson	1700 2484
land network.	
WILLIAM G. RAMBEAU COMPANY	
Chicago—1617 Tribune Tower, William G. Rambeau, Manager	3838 5-4940 6828 1294
PAUL H. RAYMER CO.	
Chicago—435 N. Michigan AvenueSuperior	4473
Paul H. Raymer, General Manager; Horton W. Mallinson, George W. Diefenderfer.	
New York—366 Madison Avenue	
San Francisco—Russ Bldg., Edward S. Townsend	2373
Michigan network (WXYZ, WELL, WIBM, WKZO, WFDF, WOOD-WASH, WJIM), WCAO, WDRC, KFSD, KFWB, WGAN, WTOC.	

REYNOLDS-FITZGERALD, INC.

New York City—515 Madison Ave	5-7020
Chicago—360 N. Michigan Ave	4294
Detroit—General Motors Bldg., Richard T. Healy	4250 3839 6452 6144
Los Angeles—117 West Ninth Street, Charles E. Fisher	2474
SEARS & AYER, INC.	
Chicago—520 N. Michigan Ave	8177
New York City—350 Madison Ave	2-2046
Hibbard Ayer, Vice-President in Charge. Stations—WJBY, WATL, WGPC, WRBL, KID, KRLC, WDWS, WGIL, WCBS, WCOU, WSPR, WMBH, WSOC, WAIR, WPG, KLPM, WSIX, KDFN, KUJ.	
TENNEY, WOODWARD AND COMPANY	
New York City—11 East 42nd Street	4-1025
Chicago—400 N. Michigan Ave., John E. Rohde, Manager. Delaware Detroit—New Center Bldg., T. F. Etter, Manager. Station—WTRC.	2107 1936
HARRY TRENNER	
New York City—366 Madison Avenue	2-5767
J. FRANKLYN VIOLA AND COMPANY	
(Foreign Language Representative*)	
New York City—152 West 42nd Street, J. Franklin Viola, PresidentCHickering *Stations represented for the broadcasting and producing of foreign language program	
WEED & CO.	
New York—350 Madison Avenue	3-6966
Chicago—203 N. Wabash Avenue	7730
Detroit-Michigan Building, Charles M. Adell	
San Francisco—111 Sutter St., Roy Frothingham	6446
HOWARD H. WILSON COMPANY	
New York City—551 Fifth Avenue, Horace Hagedorn	8744
WOR (Newark, N. J.)	
Boston—80 Federal StreetLiberty Paul A. Belaire, Manager; F. J. Brown.	0437
Chicago—Tribune Tower, Harold C. Higgins, ManagerSuperior	5110

American Association of Advertising Agencies

HEADQUARTERS

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420 LEXINGTON AVENUE, NEW YORK Telephone—MOhawk 4-7982

OFFICERS

John A. Benson President Frederic R. Gamble Executive Secretary

L. W. MacKenzie Director of Service

COMMITTEE ON RADIO BROADCASTING

Chairman: Chester J. LaRoche Young & Rubicam, Inc. 285 Madison Avc., New York

H. H. Kynett The Aitkin-Kynett Co. 1400 S. Penn Sq., Philadelphia

R. W. Metzger Ruthrauff & Ryan, Juc. 360 N. Michigan Ave., Chicago John U. Reher J. Walter Thompson Company 420 Lexington Ave., New York

Mac Wilkins

Mac Wilkins & Cole, Inc.

Corbett Bldg., Portland, Orc.

Charles F. Gannon
Arthur Kudner, Inc.
630 Fifth Ave., New York
Edward Lasker
Lord & Thomas
247 Park Ave., New York
Arthur Pryor, Jr.
Batten, Barton, Durstine &
Osborn, Inc.
383 Madison Ave., New York

Standards of Practice AMERICAN ASSOCIATION OF ADVERTISING AGENCIES

Revised Statement Adopted At the Twentieth Annual Meeting
White Sulphur Springs, West Virginia
April 29, 1937

We hold that advertising agencies have an obligation not only to their clients but to the media they employ, to the public, and to each other.

This obligation arises from mutuality of interest. The principles which govern the discharge of this obligation are various in application; some are rooted in a standard of honor which we all acknowledge, and others are based on the requirements of good business.

What is unfair in agency practice is explicitly stated in this, our Standards of Practice.

Advertising is a business, and it must therefore operate within the framework of competition. It is not the intention to limit the vigor of competition. Rather, we hold that it is necessary for the health of advertising.

Certain competitive methods are condemned in this code. They are condemned not because they are competitive, but because, if universally used, they would tend to destroy the business of advertising.

(Continued on Page 746)

☆ COOPERATIVE ☆ RESEARCH ADVANCES

By JOHN A. BENSON

■ President, American Association of Advertising Agencies ■

THERE HAS BEEN a definite trend in recent years towards advertising and marketing research on a joint and cooperative basis. In studies which concern buyers or users of advertising merely, advertiser and advertising agency interests have combined their efforts in getting at the facts. In studies which concern the media also, they have joined in a tripartite undertaking with the media affected.

An outstanding example of the advertiser and agency partnership is the Advertising Research Foundation, founded by the Association of National Advertisers and the American Association of Advertising Agencies in the early part of 1936, for the purpose of furthering scientific method in advertising and marketing, through research.

Where media are included, such bodies as the Audit Bureau of Circulations, Traffic Audit Bureau, and The Joint Committee on Radio Research have been established. The oldest of the joint undertakings to evaluate media is, of course, the Audit Bureau of Circulations, which for more than twenty years has been operating effectively to check and audit circulation of publications.

The next medium to enjoy the benefits of joint evaluation and audit of its coverage was outdoor, when the Traffic Audit Bureau was founded in 1933. It grew out of a series of traffic studies at Harvard University, conducted by Dr. Miller McClintock, at the joint expense of the Association of National Advertisers, the American Association of

Advertising Agencies, and the Outdoor Advertising Association of America. A scientific yardstick was thus developed for measuring circulation of poster panels, and since applied by the Traffic Audit Bureau, established to evaluate outdoor advertising.

The last major medium to undertake a scientific evaluation of its coverage was radio broadcasting. when the Joint Committee on Radio Research was formed in the fall of 1935, sponsored by the Association of National Advertisers, the American Association of Advertising Agencies, and the National Association of Broadcasters. established to make exploratory studies, to find a reliable yardstick for measuring radio station coverage, including signal strength determination, listening areas, program popularity, listening habits, and allocation of receiving sets. The Committee has been at work for three years testing out various methods of measuring listening areas. It has also made two annual estimates of number of receiving sets in use, allocated by counties. and its latest study is of rural listening habits.

STANDARD CONDITIONS

GOVERNING CONTRACTS AND ORDERS FOR SPOT BROADCASTING

Adopted 1933 by National Association of Broadcasters In cooperation with American Association of Advertising Agencies

1. PAYMENT [a]. The agency agrees to pay, and the broadcasting station agrees to hold the agency solely liable for payment, for the broadcasting covered by this order unless expressly otherwise agreed in writing. [b]. The agency personally agrees to pay for broadcasting covered by this order, at the office of the broadcasting station or of its authorized representative, on or before the last day of the month following that in which the broadcasting is done unless otherwise stipulated on the face of this order; or, when cash discount is deducted but payment date not specified on the station's rate card, on the fifteenth of the month following.

[c]. In all cases date of payment is material and unless otherwise stipulated the postmark date on the envelope properly addressed to the broadcasting station or to its representative shall be considered the date when payment was made.

[d]. Station's invoices for broadcasting covered by this order shall be in accordance with the station's log and shall so state on each such invoice.

[e]. Invoices should be rendered not less often than monthly.

If). The station reserves the right to cancel the order at any time upon default by the agency in the payment of bills, or other breach, or in the event of any material violation on the part of the agency of any of the conditions herein named; and upon such cancellation all broadcasting done hereunder and unpaid shall become immediately due and payable. In case of delinquency in payments or impaired credit the station shall have the right to change the requirements as to terms of payment for further broadcasting under this order as it may see fit.

TERMINATION

[a]. This agreement may be terminated by either hal. This agreement may be terminated by either party by giving the other two weeks' notice, unless otherwise stipulated on the face of this order. If the agency terminates the agreement it will pay the station according to the station's published rates for the lesser number of periods, for all services previously rendered by the station. If the station terminates the agreement; either, the agency and the station terminates the agreement; either, the agency and the station will arrese on a stationatery substitution. and the station will agree on a satisfactory substi-tute day or time at the rates in effect at the time this agreement was made, or, the agency will pay the station according to the rates specified herein, for all services previously rendered by the station; that is, the agency shall have the benefit of the same time discounts which the agency would have carned had it been allowed to complete the order. In the event of such termination, neither party shall be liable to the other party otherwise than as specified in this paragraph.

3. INABILITY TO BROADCAST

Jal. Should the station, due to public emergency or necessity, legal restriction, Act of God, or at the direction of Federal, State or Municipal authorities or for any other reason beyond the control of the station, be unable to broadcast one of the agency's programs at the time specified, the station shall not be liable to the agency for damages but will communicate with the agency as far in advance as possible. The agency will then either agree with the station on a satisfactory substitute time for the broadcast, or, if no such agreement can be reached, the broadcast will be considered as cancelled, without affecting the rate shown on this order. In the event of such cancellation or post-ponement, the station will make, if approved by the agency, a suitable courtesy announcement as

to the reason for cancellation or postponement, and as to any substitute time agreed upon.

[b]. If interruptions occur during the entertainment portion of the broadcast, credit shall be given by tions of one minute or more duration. If interrup-tions occur during the commercial announcement tions occur turing the commercial announcement portion of the broadcast, credit shall be given by the station in the same proportion to the total station time charge which the omitted commercial announcement portion bears to the total commercial announcement in the program. If the interruption equals or exceeds 50% of the total program time

equals or exceeds 50% of the total program time the station shall defray a pro rata share of the live talent costs, unless the interruption is due to an Act of God, public emergency or legal restriction.

4. SUBSTITUTION OF SUSTAINING PROGRAM OF PUBLIC IMPORTANCE.

[a]. The station shall have the right to cancel any broadcast covered by this order and substitute a sustaining program of such outstanding public importance that failure to broadcast same would work injury alike to the station and the advertiser. In such case, the station will notify the agency as far in advance as possible, and the agency and the station will agree on a satisfactory substitute day or time for the broadcast, or, if no such agreement can be reached, the broadcast will be considered as cancelled without affecting the rates or rights shown on this order. In the event of such cancellation or postponement, the station will make, if approved by the agency, a suitable courtesy an-nouncement as to the reason for cancellation or postponement and as to any substituted time agreed upon. In the event of such replacement, when the station notifies the agency less than two weeks in advance of broadcast, the station shall reimburse the agency any non-cancellable cost of live talent.

5. RATES

[a]. It is agreed that the rate named in this order is the lowest rate made by the station for like services and that if at any time during the life of this order the station makes a lower rate for the same services, this order shall be completed at such lower rate from that date.

[b]. All rates shall be published. There shall be eret rates, rebates or agreements affecting All rates shall be furnished agencies if reno secret quested.

[c]. If this order is continued without interruption beyond the time specified the additional broadcasts shall be considered part of this order and the same rate shall apply until any lower rate prevailing at the time this agreement is made shall have been carned; and then this lower rate shall apply to the whole order. It is agreed, however, that this pro-vision shall not cover a service rendered by the station later than one year from the date of the first broadcast, unless specifically agreed.

PROGRAMS

fal. The order for station time includes the services of the technical staff and of a regular staff annonneer. Other talent and services are covered by the program charge in this order which is subject to change by the agency with the consent of the

[b]. Should the station fail to receive program ma-terial seven days in advance of the broadcast it shall so notify the agency. Subsequent to this notification, if the station fails to receive the program material in time for the broadcast, if the programs are transcriptions, the station shall, fol-lowing first broadcast, repeat a previous program

unless otherwise instructed, or unless program is one of a seies, in which case the station shall have the right to announce the name, address and business classification of the advertiser, produce a creditable program and make regular charge for station time and reasonable talent charge to the agency. If the programs are produced locally it shall, following first broadcast, repeat the commercial announcement of the preceding broadcast, using the agreed talent unit.

[c]. Except as otherwise hereinafter expressly provided the agency will save the station harmless against all liability for libel, slander, illegal competition or trade practice, infringement of trade marks, trade names or program titles, violation of rights of privacy and infringement of copyrights and proprietary rights, resulting from the broadcasting of the programs herein provided for in the form fur-nished or approved by the agency. Such indemnity shall not apply to the musical compositions per-formed in non-dramatic form, the unrestricted right to perform which is licensed by ASCAP, provided the agency shall have at least one week prior to each broadcast submitted to the station in writing in duplicate a correct list of the titles of names of composers and copyright owners appearing on the published or impublished copies of the nusical com-positions to be used on the said programs. The station agrees, however, to save the agency harm-less against all liability where the programs are pre-

pared and produced both as to artists and program content by the station excepting only such liability as may result from the broadcasting of the commercial credits and other material as furnished or

approved by the agency, [d]. Programs prepared by the agency are subject to the approval of the station management both as to artists and to program content.

GENERAL

[], This order is subject to the terms of licenses held by the parties hereto and is also subject to all Federal, State and Municipal laws and regulations now in force, or which may be enacted in the future. [b]. The rights under this order shall not be transferable to another advertiser than the one specified in this order unless the consent of the station has been obtained.

[c]. In dealing with agencies, the station shall fol-low a uniform policy to avoid discrimination. [d]. The agency agrees that it will not rebate to

its client any part of the commission allowed by the station.

le]. The failure of the station or of the agency to enforce any of the provisions herein listed with respect to a breach thereof in any one instance shall not be construed as a general relinquishment or waiver under this agreement and the same shall aevertheless be and remain in full force and effect.

Copyright, 1933, A.A.A.A.

(A. A. A. Standards of Practice-Continued from Page 743)

PROFESSIONAL PRACTICE

ADVERTISING COPY

It is unsound and unprofessional for the advertising agency to prepare or handle any advertising of an untruthful or indecent character, as exemplified by the following copy practices disapproved in a code jointly adopted by the American Association of Advertising Agencies and the Association of National Advertisers:

- 1. False statements or misleading exaggerations.
- Indirect misrepresentation of a product, or service, through distortion of details, or of their true perspective, either editorially or pictorially.
- 3. Statements or suggestions offensive to public
- 4. Statements which tend to undermine an industry by attributing to its products, generally, faults and weaknesses true only of a few.
- 5. Price claims that are misleading
- 6. Pseudoscientific advertising, including claims insufficiently supported by accepted authority, or that distort the true meaning or practicable application of a statement made by professional or scientific authority.
- 7. Testimonials which do not reflect the real choice of a competent witness.

COMPENSATION

REBATING

The advertising agency should retain the full amount of compensation granted by media owners without direct or indirect relating,

It shall be considered as rebating to supply materials for advertising on any basis that can be considered as direct, indirect or secret rebating. It shall also be considered as rebating to place men in the service of the advertiser at the agency's expense, or to assume all or part of the salary of any employee of the advertiser, or to pay any fee or compensation to any one connected directly or indirectly with the advertiser, for obtaining or hold ing an account. It shall also be considered as rebating to agree to allow cash discounts not earned.

EXTRA COMPENSATION

The advertising agency should not take from any third party a profit, discount or commission other than the regular agency compensation allowed by media owners, unless disclosed to the client.

COMPETITION

SPECULATIVE MATERIALS

In view of its obligation to provide adequate service to clients, as well as the sound business principle of making a reasonable profit on its effort, the advertising agency should refrain from practices that dissipate its income in any unsound or uneconomic solicitation for new business.

It is recognized as unsound, uneconomic and unprofessional to submit speculative material in competitive solicitation.

OFFERING CREDIT EXTENSION

It is unsound and uneconomic to offer extension of credit or banking service as an inducement in solicitation.

UNFAIR TACTICS

The advertising agency should compete on merit and not by depreciating a competitor or his work directly or interentially, or by circulating harmful rumors about him, or by making unwarranted claims of scientific skill in judging or prejudging advertising copy, or by seeking to obtain an account he kind in the little law or the agreement of the property in the property in the property in the agreement of the property in the by hiring a key employee away from the agency in charge.

These Standards of Practice of the American Association of Advertising Agencies are based on the belief that sound practice is good business . . . that confidence and respect are indispensable to suc-cess in a business embracing the many intangibles of agency service and involving relationships so dependent upon good faith.

They express ideals which are based on a broad experience of what has been found to be the best advertising practice. They are feasible and practical . . . involving no restrictions which advertising agencies should not voluntarily adopt.

NAME OF ADVERTISING AGENCY ADDRESS CITY

TO MANAGEMENT OF STATION			ORDER NO.			
CITY AND STATE		DATE				
PLEASE FURNISH	BROADCASTIN	G FACILITIE	ES TO [advertise	erl		
FOR [product]		NAME OF PROGRAM				
Length of Broadcast	—— Hour ——	Day	ys —— Time	es per Weck	Total No. Times	
COMMENCEMENT DATE			EXPIRATION DATE			
PROGRAM MAT	ERIAL ARRANG	GEMENTS				
COMMERCIAL AN	NOUNCEMENT	°S				
CONTINUITY		CUE SHEETS		TRANSCRIPTIONS		
ADDITIONAL IN	STRUCTIONS					
RATES:	Station Charge	Talent	Line Service	Other Charges	Total	
Each Broadcast	\$	\$	\$	\$	\$	
ForBroadcasts:	\$	\$	\$	\$	\$	
LESS TIME DISC	OUNT:	LESS A	AGENCY COM	MISSION: 15%	of Station Charge	
	%				of Talent Charge	
	LESS CASE	I DISCOUNT	; 2% of net time	e charge		
	if paid by	-th of	month following	services		
Subject to standard of	conditions on back	hereof. Nan	ne of Advertising	Agency, per		

MEMBER OF

American Association of Advertising Agencies

Standard Order Blank for Spot Broadcasting "A.A.A.A. Form"

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CONSISTENCY

OVERNIGHT sensations are beautiful things to watch, and sometimes heartbreaking as they fall with the same speed that boosted them so high.

We are most proud of our record over the past six years; SIX YEARS of bandleading, and six years of placing among the TOP TEN band conductors in EVERY NATIONAL POLL (newspaper, trade and public) HELD DURING THAT TIME.

ALTON COOK'S
SCRIPPS-HOWARD POLL
DINTY DOYLE'S
HEARST RADIO EDITORS POLL
RADIO DAILY
RADIO GUIDE

Paraphrasing a cigarette claim, only two other bandleaders (at the most) can make that statement.

RICHARD HIMBER

ESSEX HOUSE, N. Y.

Starting March 1, NBC for Reid's Ice Cream, with George Jessel.

Management MCA

ADVERTISING
AGENCY
EXECUTIVES
EVERYWHERE
READ
RADIO DAILY
REGULARLY

ADVERTISING **AGENCIES**

The following listing includes all agencies placing network and important spot business during 1938 as well as those handling the larger local accounts.

Key to Symbols of Membership and **Recognition Abbreviations**

AAAA . . . American Association of Advertising Agencies ABP . . . Associated Business Papers ANPA . . . American Newspaper Publishers' Association . . . Periodical Publishers' Association PRB ... Pacific Recognition Bureau SAAA . . . Southwestern Association of Advertising **Agencies**

SNPA . . . Southern Newspaper Publishers' Association

R. H. ALBER COMPANY

458 Chamber of Commerce Bldg., Los Angeles, Calif. Phone Prospect 3331

ADVERTISERS BROADCASTING CO.

204 E. 42nd St., New York, N. Y. Phone MUrray Hill 4-1360 Officers

ALLIED ADVERTISING AGENCIES, INC.

553 South Western Ave., Los Angeles, Calif. Phone Drexel 7331

Officers Owner......W. F. Gardner ManagerWalter McCreery Production Manager.....Mel Roach Assistant Production Manager....Ted Gates

Branch Offices 525 Market St., San Francisco, Calif. Phone Douglas 7018 Resident Manager Robert O. Davis

ARNOLD & CHASE

417 Chamber of Commerce Bldg., Los Angeles, Calif. Phone PRospect 2376 Officers

Vice-President......Frederick A. Chase Secretary......Frank L. Hadlock

AUBREY, MOORE & WALLACE, INC.

230 N. Michigan Ave., Chicago, Ill. Phone Randolph 0830 ANPA — ABP — PPA — APA

Officers
President James T. Aubrey
Vice-Presidents John C. Moore, L. T. Wallace, John J. Finlay, L. O. Wilson

Radio Time BuyerJohn H. North Radio Production......J. T. Ainley Radio Account Placed—Campana Sales Co.

AUSTIN & SPECTOR CO.

32 East 57th St., New York, N. Y. Phone ELdorado 5-1270 Officers

OwnersAlvin Austin, Raymond Spector Executive Secretary-Radio Director, Emil Mogul

ADVERTISING AGENCIES

Clients' Service Director. Alfred Paul Berger Research-Media Director...Horace Schwerin Production Manager.....Richard Scott

Branch Office

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Phone Harrison 2606
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Phone Superior 5329	Co., F. J. Preston & Son, M. M. Farrell &
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Phone 5-6066 Vice-Presidents.F. A. Whipple, Frank Busch 216 Tremont St., Boston, Mass.

Phone Liberty 6587

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257 Werdin Place, Los Angeles, Calif. Phone Mutual 7451

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Radio Accounts Placed - Central Shoe Company, Lutheran Laymen's League, Pine Balm Co., Trems, Inc.; American Life & Accident Insurance Co.

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Phone Hollywood 6265

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530 W. Sixth Ave., Los Angeles, Calif. Phone Madison 1151

759 N. Milwaukee St., Milwaukee, Wis. Phone Marquette 3144

Radio Account Placed—Wm. Wrigley Jr. Co., Automatic Soap Flakes Co., Lakeside Biscuit Co., Catalina Island, Edwards Motors, The Hub, Schaff Sausage Co.

NEWELL-EMMETT COMPANY

40 East 34th St., New York, N. Y.
Phone AShland 4-4900

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ROBERT S. NICHOLS AGENCY

Lloyd Bldg., Seattle, Wash. Phone Seneca 0050

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900 State Bank Bldg., Albany, N. Y. Phone 4-2175

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370 Lexington Ave., New York, N. Y. Phone Caledonia 5-9840 ANPA --- ABP --- PPA

Radio Time Buyer Eugene J. Cogan Radio Account Placed—The Great Atlantic & Pacific Tea Co., John Wiley Jones Co., Penusylvania Refining Co.

PAYNE ADVERTISING AGENCY

Smith-Young Tower, San Antonio, Texas Phone Garfield 6371

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444 Madison Avc., New York, N. Y. Phone PLaza 3-0900 AAAA

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250 Park Ave., New York, N. Y. Phone Eldorado 5-7700 AAAA — ANPA — PPA — ABP

	Director of RadioChas. Dallas Reach
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Radio Accounts Placed.—The Studebaker Corp., The Cudahy Packing Co., Williams Oil-O-Matic Heating Corp., Sun Oil Co., Horlick's Malted Milk Corp., The Milwaukee Road.

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714 Wholesale Merchants Bldg., Dallas, Tex. Phone 7-1477 SAAA

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570 Seventh Ave., New York, N. Y.
Phone Cllickering 4-4420
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9 Rockefeller Plaza, New York, N. Y. Phone Circle 6-3340 ANPA

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Radio Accounts Placed—Michaels Jewelers, United Men's Shop, Leventhal Furniture Co., Outlet Clothing Co.

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Supervisor of Daytime Programs

Herschel Williams, Jr.

Asst. Supervisor of Daytime Programs

Marguerite Dougherty

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F. Bourne Ruthrauff, John Loveton. Radio Commercial Director....Ruth Bordon Commercial Writers......Regina Morgan, Avery Giles, Vivian Washburn, Florence

Miles, Donald Wallace.

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7430 Second Boulevard, Detroit, Mich. Phone Madison 1980

Manager......Ellis J. Travers

812 Olive St., St. Louis, Mo. Phone Main 0128

1680 N. Vine St., Hollywood, Calif. Phone Hillside 7593

Vice-President in Charge West Coast Radio.......Edmund B. Ruffner Production Directors......Clark Andrews, Everard Meade.

Commercial Writers.....Edward Ettinger, Frederick Sard.

Radio Accounts Placed—Alka Dent Products Co., Bree Cosmetics, Inc., Canadian Ironized Yeast' Co., Chrysler Corp., Delaware, Lackawanna & Western Coal Co., Dodge Motor Corp., H. Fendrich, Inc., B. F. Goodrich Co., Gunther Brewing Co., Histeen Corp., Holland Furnace Co., Hyde Park Brewers Assn., Independent Grocers' Alliance, Ironized Yeast Co., M. J. Lanahan, Inc., Lever Bros. Co., Lever Bros, Ltd., Noxema Chemical Co., Oshkosh B'Gosh, Inc., Penn Tobacco Co., Quaker Oats Co., Star Brewery, Inc., Sterling Brewery, Inc.

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Office Manager	C. V. Brinson
Radio Director	Tom Scholts
Production Manager	G. L. Myhro
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544 Market St., San Francisco, Calif. Phone SUtter 6557 NCBA

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75 E. Wacker Drive, Chicago, III. Phone RAndolph 8877

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400 Madison Ave., New York, N. Y. Phone PLaza 3-7445

Vice-Presidents...R. A. Porter, J. A. Butler 1397 Jefferson, East, Detroit, Mich. Phone Cherry 5315 Cliff Knoble

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714 M. & M. Bldg., Houston, Texas Phone Preston 9997

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70 West 40th St., New York, N. Y. Phone LOngacre 5-4614 ANPA = PPA = ABP

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Continuity Writers: Tiffany Thayer, Robert A. Simon.

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John Christ, Frank Woodruff, Robert Brewster, Tony Stafford.

Continuity Writers: Dick Mack, George Wells, Sandy Barnett, Line McManus, Edward Rice, Carroll Caroll, George Faulk-

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Phone Superior 0303 Vice-President and General Manager,

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1624 Franklin St., Oakland, Calif. Phone Glencourt 4941 NOAB — NCBA

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TRACY-LOCKE-DAWSON. INC.

1307 Pacific St., Dallas, Texas Phone 7-8655

22 E. 40th St., New York, N. Y. Phone AShland 4-1690

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Radio Continuity Writers......J. J. Jeffries, Glenn Addington, Ishmael Grant, Grace Spaulding, Eddie Dunn.

Radio Accounts Placed—Dr. Pepper Co., Imperial Sugar Co., Garza Sheets, Stanard-Tilton Milling Co., Bordon Co. of the Southwest, Mrs. Baird's Bread, Peters Shoe Co., W. S. Kirby Co., Chevrolet Dealers of the Southwest.

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Vice-PresidentJames Ewell
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Glass Co., Glass Container Association, Willys
Overland Motors, Inc.

VANDERBIE & RUBENS, INC.

540 N. Michigan Ave., Chicago, Ill. Phone SUperior 8436 ANPA — PPA — ABP — APA

Officers

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208 W. Washington St., Chicago, Ill. Phone State 7369

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L. W. Davidson.

Radio Account Placed—Miles Laboratories,
Inc., Murphy Products Co., Morris B. Sachs,
Illinois Bottled Gas Co.

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Oliver Bldg., Pittsburgh, Pa.
Phone Grant 1900
ANPA — ABP — PPA

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Branch Office

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Phone Adelaide 3055
Executive In Charge......R. E. S. Green

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10 Pryor St., Atlanta, Ga. Phone Walnut 6701 ANPA --- ABP -- PPA -- NOAB

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200 Globe Bldg., St. Paul, Minn. Phone Cedar 3777

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247 Park Ave., New York, N. Y. Phone PLaza 8-0460

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Radio Talent BuyerNorman I. Weill
Radio ProductionLarry Marks,
Herbert Leonard.
Musical DirectorJerry Lee

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325 W. Eighth St., Los Angeles, Calif. Phone Tucker 4111 ANPA — PPA — APA

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WELLMAN ADVERTISING AGENCY

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458 East 30th St., Chicago, Ill. Phone Victory 1300

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Radio Producers..... James E. Sauter, Frank Easter

Radio Continuity Writers...L. D. Sherman, E. Feiveisel

Branch Offices

247 Park Ave., New York, N. Y. Phone Wisconsin 2-0077

Represented in N. Y. by James E. Sauter Radio Accounts Placed-Group of American Banks, cooperative series on disk for undertakers, etc.

WESTCO ADVERTISING AGENCY

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Branch Offices Equitable Building

Vine and Hollywood Blvd., Hollywood, Cal. Phone Hillside 0191

Manager...... Miss Diana Bourbon 420 Lexington Ave., New York, N. Y.

Manager......Col. Ralph K. Strassman Radio Account Placed—Campbell Soup Co.

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120 Wall Street, New York, N. Y. Phone WHitehall 4:4170 AAAA — ANPA

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Mgr. & Production Supervisor,

Joseph R. Stauffer

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333 N. Michigan Ave., Chicago, Ill. Phone Central 3142 D. G. Schneider

New Center Bldg., Detroit, Mich. Phone Detroit 2-1810 John F. Reeder

Star Bldg., Toronto, Canada Phone Elgin 0397 Frank Goodman

University Tower Bldg., Montreal, Canada Phone Plateau 4691 E. D. Ring

Radio Accounts Placed—American Cigarctte & Cigar Co.; American Tobacco Co. (Half & Half); Bristol-Myers Co.; Cluett, Peabody & Co.; Fels & Co.; Gulf Oil Corp.; General Foods Corp. (Postum, Grape-Nuts, Jello, Swansdown Cake Flour, Calumet Baking Powder, La France and Satina); International Silver Co.; Gordon Baking Co.; Hawaiian Pineapple Co.; R. H. Macy Co.

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2436 Reading Road, Cincinnati, Ohio Phone University 6124 PPA - - APA

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18,000,000 RADIO HOMES IN THE UNITED STATES

A REPORT BY

The Joint Committee on Radio Research

ESTIMATE of radio homes in the United States as of January 1, 1938, is the latest available and was compiled by The Joint Committee on Radio Research. Committee was organized under the auspices of advertisers, advertising agencies, and broadcasters, primarily for the purpose of developing a standard method of obtaining radio information. Under the guidance of Paul F. Peter, then secretary of the Joint Committee, surveys were made and latest authentic source material was assembled for the work.

Total of 26,666,500 radio families in the U. S., as of January 1, 1938, is estimated at 82 per cent of all families in the country. This was an increase of 17 per cent over the 1936 estimate of the Committee. It is reasonable to assume that additional radio homes have come into being since the January 1, 1938, estimate was compiled with the increase, in proportion, close to that noted over 1936.

Figures do not represent the total number of radio sets in use, according to the Joint Committee, since there are more than one radio set in many homes, apart from those in public places, etc., and in automobiles. (Approximately 5,000,000 sets for automobiles have been purchased by car owners.)

With the aid of government departments in Washington, an estimate of families in the United States was prepared as of July 1, 1937, and this served as a base for further breakdowns by states and counties. This was tied in with the private surveys undertaken by the most approved methods.

ESTIMATED NUMBER OF FAMILIES OWNING RADIO SETS URBAN AND RURAL BY STATE AND CENSUS GEOGRAPHIC DIVISIONS

JANUARY 1st, 1938

	JULY	URBAN %	1938	RURAL JULY %	RURAL	1938		TOTAL	1938
STATE	1937 FAMILIES	OWNER. SHIP	RADIO FAMILIES	1937 C FAMILIES	OWNER. SHIP	RADIO FAMILIES	1937 (FAMILIES	OWNER- SHIP	. RADIO FAMILIES
Alabama	207,000	75	154,600	463,000	48	220,600		26	375,200
	37,000	83	33,100	67,000	69	46,500		22	79,600
	113,000	78	88,100	388,000	43	166,700		51	254,800
California	1,369,000	94	1,287,100	449,000	96	432,700		92	1,719,800
	152,000	91	138,200	136,000	70	95,300		81	233,500
	306,000	92	281,400	131,000	92	120,700		92	402,100
Delaware	34,000	90	30,800	33,000	81	26,800		98	57,600
ıbiα	168,000	91	152,900		:			91	152,900
Florida	238,000	80	189,500	205,000	23	108,400		67	297,900
	245,000	74	180,500	471,000	40	190,300		25	370,800
Idaho	38,000	90	34,200	86,000	75	64,500		80	98,700
	1,526,000	93	1,426,600	537,000	80	430,500		90	1,857,100
Indiana	522,000	92	480,300	412,000	82	336,500		87	816,800
	281,000	93	262,500	399,000	79	315,300		82	577,800
	204,000	93	189,300	297,000	09	178,500		73	367,800
	242,000	98	208,600	466,000	61	286,300		70	494,900
Louisiana	215,000	78	168,100	295,000	44	129,300		28	297,400
	88,000	91	79,700	133,000	91	121,400		91	201,100
Maryland	251,000	90	225,100	159,000	82	130,000		87	355,100
etts	992,000	82	912,100	112,000	96	107,100		92	1,019,200
	827,000	93	771,100	393,000	83	351,100		92	1,122,200
Minnesota	331,000	93	309,300	321,000	77	247,600		82	556,900
	91,000	71	64,600	403,000	35	142,400		42	207,000
Missouri	562,000	94	525,600	510,000	28	297,200		77	822,800
	49,000	91	44,400	93,000	75	70,200		81	114,600
Nebraska	129,000	93	120,100	223,000	74	164,000		81	284,100

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Nevada New Hampshire New Jersey New Jersey New Work North Carolina North Dakota Ohio Oklahoma Oregon Pennsylvania Rhode Jeland South Carolina South Carolina South Carolina Lenessee Texas Utah Vermont Virginia Washington Wisconsin Wyoming	12,000 77,000 904,000 2,806,000 28,000 1,215,000 1,57,000 1,57,000 1,57,000 1,57,000 1,55,000 99,000 34,000 259,000 68,000 68,000 271,000 130,000 404,000 20,000	911 921 931 932 933 933 933 933	91 11,000 94 845,400 88 23,700 93 2,623,300 79 161,900 94 26,200 94 1,130,200 87 202,500 94 147,000 92 1,553,900 92 1,553,900 93 31,700 82 211,200 84 556,200 91 61,800 93 377,000 93 377,000 90 18,100	18,000 59,000 194,000 75,000 566,000 128,000 142,000 765,500 143,000 133,000 430,000 855,000 66,000 331,000 42,000	97 993 993 993 997 997 998 998 999 999 771 75	17,500 54,700 177,100 38,600 509,000 246,700 93,400 511,300 138,400 652,500 137,800 101,200 248,700 477,300 49,200 58,600 221,400 188,900 235,700 31,700	30,000 1,098,000 1,098,000 1,02,000 3,372,000 1,777,000 619,000 2,452,000 169,000 169,000 167,000 167,000 1689,000 1516,000 1,	95 95 95 95 95 95 95 95 95 95 95 95 95 9	28,500 1,022,500 62,300 3,132,300 408,600 1,641,500 454,300 2,206,400 1,55,500 2,206,400 1,55,500 2,206,400 1,55,500 2,206,400 1,55,500 2,206,400 1,55,500 2,206,400 1,53,500 1,033,500 1,033,500 4,50,00
New England Middle Atlantic E. North Central W. North Central South Atlantic E. South Central W. South Central W. South Central W. South Central Mountain Pacific U. S. TOTAL	1,651,000 5,397,000 4,494,000 1,569,000 1,588,000 799,000 1,222,000 403,000 1,797,000	92 93 93 94 94 91	1,515,400 5,022,600 4,185,200 1,464,700 1,300,800 639,000 1,014,900 364,500 1,688,500	515,000 1,525,000 2,235,000 2,011,000 2,389,000 1,762,000 1,924,000 572,000 788,000	92 88 83 83 83 72 53 96 69	475,500 1,338,600 1,865,100 1,397,200 1,297,900 898,000 1,025,100 760,000	2,166,000 6,922,000 6,729,000 3,580,000 3,977,000 2,561,000 975,000 2,585,000 3,146,000	92 92 93 95 95 95 95	1,990,900 6,361,200 6,050,300 2,861,900 2,598,700 1,537,000 2,040,000 778,000 2,448,500

Since these figures are estimates, there is necessarily a certain immeasurable degree of error in the figures for individual counties. For any group of counties, however, such as those included in the listening area of a typical broadcasting station, it is believed that the sum of the estimates for individual counties is sufficiently accurate for practical purposes.

ALABAMA	Radio		Radio		Radio
375,200	Homes		Homes		Homes
Autauga		Randolph	3,110	Dallas	1,850
Baldwin		Russell	3,420	Desha	3,160
Barbour		St. Clair	2,980	Drew	2,520
Bibb		Shelby	3,440	Faulkner	3,450
Blount		Sumter	3,220	Franklin	1,780
		Talladega	5,570 3,800	Fulton	1,150
Bullock		Tuscaloosa	9,000	Garland	6,930
Butler		Walker	7,850	Grant	1,050
Calhoun		Washington	1.910	Greene	3,310
Chambers		Wilcox	2,970	Hempstead	3,940 2,480
Cherokee	2,090 2,800	Winston	1,660	Hot Spring	2,460
Choctaw				Independence	3,030
Clarke		•		Izard	1,390
Clay				Jackson	3,320
Cleburne		ARIZONA		Jelferson	
Coffee	3,730	79,600		Johnson	2,430
Colbert			2,240	Lafayette	2,220
Conecuh		Apache	7.790	Lawrence	2,470
Coosa		Coconino	2.350	Lee	3.610
Covingion	5,160	Gila	5,930	Lincoln	2,420
Crenshaw	2,750	Graham	1,580	Little River	1,860
Cullman	4,500	Greenlee	1,640	Logan	2,860
Dale		Maricopa	28,060	Lonoke	3,790
Dallas		Mohave	1,140	Madison	1,410
DeKalb	20	Navajo	3,350	Marion	950
Elmore		Pima	11,240	Miller	4,740
Escambia	1	Pinal	3,510	Mississippi	9,050 2,790
Etowah	.00	Santa Cruz	1,780	Monroe	1.210
Fayette		Yavapai	5,480	Nevada	2.430
Franklin		Yuma	3,500	Newton	1,020
Geneva				Ouachita	4,240
Hale		•		Perry	820
Henry		A TO UZ A DICIA C	1	Phillips	6,740
Houston		ARKANSAS		Pike	1,420
Iackson		254,800		Poinsett	3,600
Jefferson		Ārkansas	3,180	Polk	2,020
Lamar	1,930	Ashley	3,060	Pope	3,440
Lauderdale	5,480	Baxter	1,110	Prairie	1,790
Lawrence		Benton	5,000	Pulaski	
Lee		Boone	2,110	Randolph	1,850
Limestone		Bradley	2,240	St. Francis	4,310
Lowndes		Calhoun	1.010	Saline	2,110 1,340
Macon		Carroll	1,990 3,260	Scott	1,160
Madison		Chicot	3,260	Sebastian	-
Marengo		Clark	3,150	Sevier	2,100
Marion		Cleburne	1,280	Sharp	1,200
Marshall		Cleveland	1,310	Stone	800
Monroe		Columbia	3,220	Union	8,910
Montgomery		Conway	2,580	Van Buren	1,220
Morgan	6,790	Craighead	5,780	Washington	5,820
Perry		Crawford	3,050	White	4,600
Pickens		Crittenden	5,080	Woodruff	2.550
Pike		Cross	3.270	Yell	2,340

CALIFORNIA Radio	COLORADO		CONNECTICUT
1,719,800 Homes		Homes	402,100 Radio
Alameda145,680	Adams	3,660	Homes
Alpine 70	Alamosa	1,830	Fairfield
Amador 2,170	Arapahoe	5,210	Litchfield
Butte 10,800	Archuleta	5 9 0	Middlesex 12,410
Calaveras	Βαςα	1,760	New Haven
Colusa 2,910	Bent	1,620	New London
Contra Costa 22,250	Boulder	7,980 1,800	Windham 13,760
Del Norte 1,540	Change	670	•
Eldorado 2,910	Clear Creek	640	DELAWARE
Fresno	Conejos	1,540	57,600
Glenn 3.370	Costilla	970	Kent 7,990
Humboldt	Crowley	1.070	New Castle 38,260
Imperial 15,960	Custer	460	Sussex 11,350
Inyo 2,260	Delta	2,770	
Kern 24,030	Denver	78,500	DISTRICT OF
Kings 7,000 Lake	Dolores	30 0 720	COLUMBIA
Lassen 3,340	Eagle	800	152,900
Los Angeles	Elbert	1,180	•
Madera 4,590	El Paso		FLORIDA
Marin 11,350	Fremont	4,000	297,900
Mariposa 1,270	Garfield	2,010	Alachua 5,660
Mendocino 6,780	Gilpin	350 490	Baker 870
Merced 9,820	Gunnison	1,240	Bradford
Modoc 2,320	Hinsdale	130	Bradford 1,260 Brevard 2,670
Mono 390	Huerfano	3,330	Broward 4,530
Monterey 14,510	Jackson	290	Calhoun 970
Napa 6,160	Jefferson	4,600	Charlotte 780
Nevada	Kiowa	690 1,660	Citrus
Placer	Lake	1,220	Clay
Plumas	La Plata	2,680	Columbia 2,250
Riverside 24,310	Larimer	7,480	Dαde 38,000
Sacramento 38,400	Las Animas Lincoln	7,150 1,44 0	De Soto
San Benito 3,170	Logan	3,640	Dixie
San Bernardino 39,600	Mesa	5,430	Escambia
San Diego 67,530	Mineral	180	Fiagler 430
San Francisco189,470	Moffat	1,040	Franklin 1,190
San Joaquin	Montezuma	1,420 2,180	Gadsden 3,870
San Louis Obispo 9,010 San Mateo 22,250	Morgan	3.370	Gilchrist
San Mateo	Otero	5,090	Gulf 520
Santa Clara 42.960	Ouray	450	Hamilton 1,270
Santa Cruz	Park	470	Hardee 1,640
Shasta 4,410	Phillips	1,100 430	Hendry 600
Sierra	Pitkin	2,810	Hernando
Siskiyou 7,720	Pueblo	14,800	Hillsborough 32,990
Solano 11,800	Río Blanco	570	Holmes 1,480
Sonoma 19,660	Rio Grande	1,910	Indian River 1,210
Stanislaus 16,570	Routt	2,000	Jcckson 4,050
Sutter 4,110	Saguache	1,200 380	Jefferson
Tehama 4,340 Trinity 980	San Miguel	480	Lake 4,560
Trinity 980 Tulare 21,800	Sedgwick	1,000	Lee 3,190
Tuolumne 21,800	Summit	280	Leon 3,960
Ventura	Teller	1,150	Levy 1,880
Yolo	Washington	1,590 12,090	Liberty 610 Madison 2,050
Yuba 3,380	Yuma	2,420	Manatee 4,490
	770	'	

	Radio Homes		Radio Homes		Radio Homes
Marion	4,920	Columbia	810	Miller	800
Martin	. 980	Cook	1.120	Mitchell	2,320
Monroe		Coweta	2,940	Monroe	1,180
Nassau		Crawford	580	Montgomery	880
Okaloosa		Crisp	2,220	Morgan	1,350
Okeechobee		Dade	400	Murray	770
Orange		Dawson	280 2,790	Muscogee	10,050 1,940
Palm Beach		De Kalb	12,600	Oconee	710
Pasco		Dodge	2,100	Oglethorpe	1,150
Pinellas		Dooly	1,670	Paulding	1,050
Pelk	. 14,230	Dougherty	3,920	Peach	1,320
Putnam		Douglas	890	Pickens	980
St. Johns		Early	1.720	Pierce	1,180
St. Lucie		Echols	330	Pike	950
Santa Rosa		Effingham	1,130	Polk	2,940
Sarasota		Elbert	1,980 2,220	Pulaski	95 0 860
Sumter		Evans	670	Quitman	340
Suwannee		Fannin	1,240	Rabun	610
Taylor		Fayette	730	Randolph	1,850
Union		Floyd	6,570	Richmond	13,300
Volusia	. 10,340	Forsyth	860	Rockdale	750
Wakulla		Franklin	1,380	Schley	470
Walton		Fulton with Campbell		Screven	1,870
Washington	. 1,590	and Milton		Seminole	670
•		Gilmer	620 400	Spalding	3,250 1,280
GEORGIA		Glynn	3,410	Stephens	1,120
370,800		Gordon	1,610	Sumter	3,390
Appling	. 1,270	Grady	1,860	Talbot	850
Atkinson	. 720	Greene	1,360	Taliaferro	580
Bacon	. 640	Gwinnett	2.760	Tattnall	1,420
Baker		Habersham	1,300	Taylor	1,010
Baldwin		Hall	3,540	Telfair	1,470
Banks		Hancock	1,140	Terrell	1,990
Barrow		Haralson	1,250	Thomas	4,210 1,890
Ben Hill		Hart	1,260	Toombs	1,710
Berrien		Heard	710	Towns	350
Bibb	13,860	Henry	1,440	Treutlen	640
Bleckley	. 880	Houston	1,100	Troup	4,780
Brantley		Irwin	1,040	Turner	1,080
Brooks		Jackson	2,100	Twiggs	730
Bryan		Jasper	920	Union	480
Bulloch		Jeff Davis Jefferson	770 1,980	Upson	2,220 3.040
Butts		Jenkins	1,330	Walton	2,150
Calhoun		Johnson	1,210	Ware	4,150
Camden	. 750	Jones	780	Warren	990
Campbell(See	Fulton)	Lamar	1,140	Washington	2,500
Candler		Lanier	530	Wayne	1,390
Catroll		Laurens	3,360	Webster	430
Charlton		Liberty	870 810	Wheeler	780 520
Chatham		Lincoln	600	Whitefield	2,460
Chattahoochee		Long	430	Wilcox	1,220
Chattooga	:	Lowndes	4,110	Wilkes	1,720
Cherokee	. 1,980	Lumpkin	450	Wilkinson	1,150
Cloorke		McDuffie	930	Worth	1,930
Clay		McIntosh	810	•	
Clayton		Macon	1,730	IDAHO	
Clinch		Marion	1,290 650	98,700	
Coffee		Meriwether	2,330	Ada	9,690
Colquitt		Milton(See		Adams	640

	Radio Homes		Radio Homes	Radio Homes
Bannock	7,060	De Witt	4,430	Scott 2,020
Bear Lake	1,500	Douglas	4,160	Shelby 5,990
Benewah	. 1,500	Du Page	22,660	Stark 2,100
Bingham		Edgar	6,000	Stephenson 9,920
Blaine		Edwards	2,060	Tazewell 10,780
Boise		Effingham	4,150 5,140	Union
Bonneville		Ford	3,680	Wabash 3,130
Boundary		Franklin	13,220	Warren 5,300
Butte		Fulton	10,740	Washington 3,560
Camas	. 320	Gallatin	2,130	Wαyne 4,110
Canyon		Greene	4,730	White 4,090
Caribou		Grundy	4,160	Whiteside 9,430
Cassia		Hamilton	2,780 6,630	Will 24,550 Williamson 12,300
Clearwater		Hardin	1,440	Winnebago 28,940
Custer		Henderson	2,010	Woodford 4,190
Elmore		Henry	10,850	•
Franklin		Iroquois	7,340	•
Fremont	. 1,870	Jackson	8.020	INDIANA
Gem		Josper	2,810	816,800
Gooding		Jefferson	7,160	Adams 4.430
Idaho		Jersey	2.870	Alien 36,680 Bartholomew 6,330
Jefferson		Jo Daviess	4,880 2,110	Benton 2,760
Kootenai		Kane		Blackford 3,410
Latah		Kankakee		Boone 5,720
Lemhi		Kendall	2,400	Brown 1,150
Lewis	1,150	Knox	13,170	Carroll 3,930
Lincoln		Lake	23,920	Cass 8,820
Madison		La Salle	-	Clark 7,570
Minidoka	-,	Lawrence	4,910	Clay 6,530
Nez Perce Oneida		Livingston	7,060 8,460	Clinton
Owyhee		Logan	6,230	Daviess 5,860
Fayette		McDonough	6,890	Dearborn 5,210
Power		McHenry	8,170	Decatur 4,490
Shoshone	4,640	McLean	17,740	De Kalb 6,460
Teton		Macon	20,370	Delaware 17,590
Twin Falls		Macoupin	11.710	Dubois 4,520
Valley		Madison	34,190	Elkhart 18,110
Washington	1,870	Marshall	8,640 3, 060	Fayette 4,930 Floyd 9,050
•		Mason	3,690	Fountain 4,650
ILLINOIS		Massac	3,170	Franklin 3,330
		Menard	2,480	Fulton 3,900
1,857,100		Mercer	3,960	Gibson 7,070
Adams		Monroe	2.730	Grant 13,090
Alexander Bond		Montgomery Morgan	8,400 7,460	Greene
Boone		Morgan	2,880	Hamilton 6,210 Hancock 4,460
Brown		Ogle	6.700	Harrison 3,790
Bureau		Peoria	33,880	Hendricks 4,890
Calhoun		Perry	5,240	Henry 8,940
Carroll		Piatt	3,480	Howard 11,900
Cass		Pike	5.740	Huntington 7,430
Champaign		Pope	1,660	Jackson 5,680
Clark		Pulaski	3,25 0 1,16 0	Jasper 3,000
Clay		Randolph	6,070	Jay 5,190 Jefferson 4,540
Clinton		Richland	3,370	Jennings 2,770
Coles	9,120	Rock Island		Johnson 5,520
Cook		St. Clair	39,010	Knox 10,500
Crawford		Saline	8,160	Kosciusko 7,140
Cumberland		Sangamon		Lagrange 3,280
~e Ruib	0,120	Schuyler	2.700	Lake 61,119

	Radio Homes		Radio Homes		Radio Homes
La Porte		Cedar	3,860		3,890
Lawrence		Cerro Gordo	9,050	Sac Scott	
Madison		Cherokee	3,730	Shelby	3,510
Marion		Chickasaw	3,170	Sioux	5,240
Marshall		Clarke	2,470	Story	7,440
Martin		Clay	3,620	Tama	5,120
Miami		Clayton	5,460	Taylor	3,540
Monroe		Clinton	10,990	Union	4,360
Montgomery	7,170	Crawford	4,500	Van Buren	3,100
Morgan		Dallas	6,080	Wapello	10,190
Newton		Davis	2,580	Warren	4,220
Noble	5,830	Decatur	3,340	Washington	4,740
Ohio	970	Delaware	3,960	Wayne	3,370
Orange		Des Moines	10,050	Webster	9,500
Owen	2,830	Dickinson	2,350	Winnebago	2,580
Parke		Dubuque	14,010	Winneshiek	4.640
Perry		Emmet	2,780	Woodbury	24,390
Pike		Fayette	6,780	Worth	2,290
Porter		Floyd	4,800	Wright	4,490
Posey		Franklin	3,540	•	
Pulaski		Fremont	3,380	MANSAS	
Putnam		Greene	3,690	367,800	
Randolph		Grundy	2,940		4,510
Ripley		Guthrie	3,910	Allen	2.420
Rush		Hamilton	4,520	Anderson	4.950
St. Joseph		Hancock	2,950	Atchison	1,730
Scott		Hardin	5,360	Barber	3,730
Shelby		Harrison	5,450	Barton	4,540
Spencer		Henry	4,020	Brown	3,890
Starke		Howard	2,880	Butler	7,130
Steuben		Humboldt	2,780	Chase	1,150
Sullivan		Idα	2,520 3,960	Chautauqua	1,820
Switzerland		Iowa	4,320	Cherokee	6,280
Tippecanoe		Jackson	7,690	Cheyenne	950
Tipton		Jasper	4,020	Clark	760
Union		Johnson	7,420	Clay	2,790
Vermillion		Jenes	4,020	Cloud	3,420
Vigo		Keokuk	4,660	Coffey	2,340
Wabash		Kessuth	5,010	Comanche	840
Warren		Lee	10,380	Cowley	8,860
Warrick		Linn	21,480	Crawford	10,490
Washington		Louisa	2,680	Decatur	1,410
Wayne		Lucas	3,590	Dickinson	5,050
Wells		Lyon	2,950	Doniphan	2,210
White		Madison	3,380	Douglas	5,750
Whitley		Mahaska	6,290	Edwards	1,260
•		Marion	5,990	Elk	1,570
IOWA		Marshall	8,070	Ellis	2,260
577,800		Mills	3,160	Elisworth	1,630
	3,110	Mitchell	3,170	Finney	2,040
Adair	-	Mononα	3,820	Ford	4.010
Adams	27.000	Monroe	3,370	Franklin	4,560
Allamakee		Montgomery	4,060	Geary	2,830 760
Appanoose		Muscatine	7,740	Gave	1,090
Benton		O'Brien	4,120	Grant	480
Black Hawk	17,130	Osceola	1,990	Gray	850
Boone	- 100	Page	5,860	Greeley	270
Bremer		Palo Alto	3,110	Greenwood	3,540
Buchanan		Plymouth	4,980	Figmilton	540
Buena Vista		Pocahontas	3,190	Harper	2,330
Butler		Polk		Harvey	4,510
Calhoun		Pottawattamie		Haskell	390
Carroll	4,650	Powesniek	4,460	Hodgeman	570
Cass	4,640	Ringgold	2,760	Jackson	2,580

	Radio	KENTUCKY	n 1:		Radio
	Homes	494,900	Radio Homes		Homes
Jefferson	2,350	r		Leslie	1,270
Jewell	2,360	Adair	2,540	Letcher	5,290
Johnson	5,290	Anderson	1,550	Lewis	2,250
Kearney	490	Ballard	1,740	Lincoln	2,910
Kingman	1,980	Barren	4,520	Livingston	1,460
Kiowa	930	Bath	1,820	Lyon	3,970
Labette	6,470	Bell	6,280	Lyon	1,240 10,470
Lane	500	Boone	1,880	McCreary	2,110
Leavenworth	7,060	Bourbon	3,790	McLean	1,950
Lincoln	1,460	Boyd Boyle	9,690 3,380	Madison	4,970
Linn	2,290	Bracken	1.790	Magoffin	2,100
Logan	650	Breathitt	2,660	Marion	2,510
Lyon	5,990	Breckinridge	2,980	Marshall	2,160
McPherson	4.280	Bullitt	1,540	Martin	1,080
Marion	3,380	Butler	1,960	Meade	3,960 1,300
Marshall	4,100	Caldwell	2,670	Menifee	650
Meade	1,050	Calloway	3,100	Mercer	2,760
Miami	3,940	Campblee	19,760 1,330	Metcalfe	1,500
Mitchell	2,320	Carroll	1,570	Monroe	1,950
Montgomery	11,820	Carter	3,380	Montgomery	2.350
Morris	2,040	Casey	2,340	Morgan	2,050
Morton		Christian	6,330	Muhlenberg	6,590
Nemaha	2,890	Clark	3,780	Nelson	2,600 1,630
Neosho	4,640	Clay	2,310	Ohio	4,270
Ness	1,190	Clinton	1,290 2,080	Oldham	1,400
Norton	2,000	Cumberland	1,470	Owen	1,910
Osage	3,040	Daviess	9,020	Owsley	960
Osborne	1,910 1,770	Edmonston	1,680	Pendleton	2,000
Pawnee	1.770	Elliott	940	Perry	6,280
Phillips	1,980	Estill	2,690	Pike	8,980 8,980
Pottawatomie		Floring	16,360 2,360	Pulaski	5,550
Pratt		Fleming	6,180	Robertson	610
Rawlins		Franklin	3,820	Rockcastle	2,170
Reno	9,910	Fulton	2,850	Rowan	1,580
Republic	2,490	Gallatin	850	Russell	1,670 2,950
Rice		Garrard	1,920	Scott	3.400
Rocks		Grant	1,900	Simpson	2,120
Rush	1,340	Grayson	5,700 2,760	Spencer	1,070
Russell	1,730	Green	1,860	Taylor	2,050
Saline	6,400	Greenup	3,640	Todd	2,430
Scott		Hancock	1,100	Trigg	1,960
Sedgwick		Hardin	3,690	Trimble	900 3,100
Seward		Harlan		Warren	6,710
Sheridan		Harrison	3,050 2,630	Washington	1,920
Sherman		Henderson	5,240	Wayne	
Smith	2,200	Henry	2,410	Webster	4,100
Stafford		Hickman	1,490	Whitley	4,810
Stanton		Hopkins		Wolfe	1,080
Stevens		Jackson		Woodford	2,080
Thomas	5,470 1,200	Jefferson		•	
Trego		Jchnson	3,300	LOUISIANA	
Wabaunsee	1,700	Kenton		297,400	
Wallace		Knott	1,830	Acadia	4,430
Washington		Knox	3,890	Allen	1,790
Wichita		Larue	1,520 3,010	Ascension	2,120
Woodson		Laurence	2,300	Assumption	1,730 3,430
Wyandotte		Lee	1,380	Beauregard	1,790

	Radio	P - 4:	. !		
	Homes	Radio Home	- :		Radio
Bienville			1		Homes
Bossier		Franklin 5,29 Hancock 8,83	1	Alpena	3,910
Caddo		Kennebec		Antrim	
Calcasieu		Knox 8.16	- 1	Arenac	1,690
Caldwell		Lincoln 4,63		Baraga	
Cameron		Oxford 10,43	2.32	Ватту	
Catahoula	1,270	Penobscot		Bay Benzie	
Claiborne	3,470	Piscataquis 4,92		Berrien	
Concordia		Sagadahoc 4,62		Branch	
De Soto		Somerset 10,06	_ 1	Calhoun	
East Baton Rouge	,_,	Waldo 5,60	Car.	Cass	5,400
East Carroll		Washington 9,65		Charleviox	2,760
East Feliciana		York 19,26		Cheboygan	2,560
Evangeline		ن		Chippewa	5,140
Franklin		MARYLAND		Clare	1,680
Grant		355,100		Clinton	5,790
Iberville		Allegany 16,22	0	Crawford	730
Jackson		Anne Arundel 10,30		Delta	6,740
Jefferson	5,500	Baltimore 24,05	0	Dickinson	6,210
Jefferson Davis	100	Baltimore City	0 1	Ealon	8,320
Lafayette		Calvert	0	Emmet	3,490
Lafourche		Caroline 3,860	0	Genesee	
La Salle	1,340	Carroll 7,29	C	Gladwin	1.570
Lincoln	2,520	Cecil 5,150	0	Gogebic	6,040
Livingston	1,730	Charles 2,83	0 1	Grand Traverse	4,370
Madison	1,870	Dorchester 5,47	ci	Gratiot	7,150
Morehouse	2,930	Frederick 11,170		Hillsdale	7,240
Natchitoches	4,120	Garrett 3,611	74	Houghton Huron	
Orleans	98,660	Harford 6,330	() (ngham	6,620 28,860
Ouachita	8,970	Howard 3,120	(1)	onia	8.350
Plaquemines	1,010	Kent 3,120		osco	1,760
Pointe Coupee	2,270	Montgomery 10,493		ron	4,100
Rapides	8,650	Prince Georges 12.120	U I	sabella	4,620
Red River	1,670	Queen Annes 3,090	0 1	ackson	
Richland	2,760	St. Marys 2,590	u F	Kalamazoo	22,250
Sabine	2.330	Somerset 4,940	U	Kalkaska	920
St. Bernard	700 1,390	Talbot	_ K	Kent	59,010
St. Charles	740	Washington		Keweenaw	1,020
St. James	1.740	Wicomico 6,830 Worcester 4,640	T	ake	1,020
St. John the Baptist	1,560	worcester	A.F.	apeer	5,920
St. Landry	6,050	-		eelanau	1,740
St. Marlin	2,080	MASSACHUSETTS		enawee	
St. Mary	3,570	1,019,200		ivingston	4,710
St. Tammany	2,760	Barnstable 9,550	T	uce	1,040
Tangipahoa	5,270	Berkshire 29,990	7	Aackinac	1,880
Tensas	1,810	Bristol 87,060	N	Accomb	
Terrebonne	3,310	Dukes	N V	Manistee	4.140
Union	2,020	Essex	7	Marquette	9,280
Vermilion		Franklin 12,840	7	Mason	4,380
Vernon	2,180	Hampden	1	Aecosta	3,800
Washington	3,940	Middlesex	- 1	Menominee	4,970
Webster	3,470	Nantucket 1,060	0 1	Aidland	4,140
West Baton Rouge	1,200	Norfolk	7 1	Aissaukee	1,490
West Feliciana	1,350	Plymouth 42,530	3 1	Monroe	11,970
Winn	1,680	Sutfolk	7 1	Iontcalm	7,000
	1,000	Worcester) [V	Montmorency	610
•		9	N	Muskegon	
MAINE		MICHIGAN		Newaygo	4,060
201,100		1,122,200		Dakland	
Androscoggin	17,720	Alcong 1,050		Oceana	3.340
Aroostook		Alger		Ontonagon	1,480 2,200
Cumberland	34,650	Allegan 9,510	_	Osceola	2,230
					4,500
		784			

R	ladio		Radio		Radio
H	lomes		Homes		Homes
Oscoda	360	Martin	4,610	George	620
Otsego	1,160	Meeker	3,550	Greene	980
	2,770	Mille Lacs	2,890	Grenada	1,840
Presque Isle	2,140	Morrison	4,650	Hancock	1,390
Roscommon	540 27.570	Mower	6.150 2.450	Harrison	7,040 12,510
St. Clair 1		Murray	3,090	Hinds	3,710
St. Joseph	8,230	Nobles	3,610	Humphreys	2,520
	6,360	Norman	2,600	Issaquena	5 50
	1,760	Olmsted	7,360	Itawamba	1,380
	9,600	Otter Tail	9,380	Jackson	2,050
	7,330	Pennington	2,100	Jasper	1,390
Van Buren	8.640	Pine	3,940	Jefferson	1,280
Washtenaw l	7,130	Pipestone	2,520	Jefferson Davis	1,040
Wayne42	28,960	Polk	6,850	Jones	5,040
Wexford	3, 9 10	Pope	2,490	Kemper	1,700
•		Ramsey	71,650	Lafayette	1,910
MINNESOTA		Red Lake	1,170	Lamar	1,230
		Redwood	3,970	Lauderdale	7,840
556,900		Renville	4,470	Lawrence	980
	2,960	Rice	6,120	Leake	1,700
Anoka	3,790	Rock	2,190	Lee	3,720
Becker	4,260	Roseau	2,300	Leflore	6,090
	4,180	St. Louis	45,600 2,820	Lincoln	2,610
	2,770	Scott	1,710	Lowndes	3,800
Big Stone	1,890 7.540	Sibley	3,070	Madison	3,380
	5.030	Stearns	11,230	Marion	1,920
	4,310	Steele	3,940	Marshall	2,080
Carver	3,400	Stevens	1,860	Monroe	3,680
	3,070	Swift	2,740	Montgomery	1,510
	3.120	Todd	4,980	Neshoba	2,260
	2,810	Traverse	1,530	Newton	1,880
Clay	4,640	Wabasha	3,810	Noxubee	2,220
Clearwater	1,790	Wadena	2,160	Okitbbeha	1,830
Cook	520	Waseca	3,030	Panola	2,550
	2,810	Washington	5,440	Pearl River	2,100
2	5,600	Watonwan	2,660	Perry	730
	7,250	Wilkin	1,800	Pike	3,770
	2,500	Wiona	8,390	Pontofoc	1,780
	3,850	Wright	5,470 3,100	Prentiss	1,540
	4.460 5.350	Yellow Medicine	3,100	Quitman	2,200
	6,010	•	_	Rankin	1,740
	6.820	MISSISSIPP	I I	Scott	1,770
	1,800	207,000		Sharkey	1,360
Hennepin12		Adams	3,580	Simpson	1,760
	2,830	Alcorn	2,660	Smith	1,400
	1,960	Amite	1,540	Stone	530
Isanti	2,360	Attala	2,380	Sunflower	6,040
Itasca	5,340	Benton	750	Tallahatchie	3,150
Jackson	2,950	Bolivar	7,250	Tate	1,490
	1,650	Calhoun	1,490	Tippah	1,470
	4,530	Carroll	1,530	Tichomingo	1,370
	1,770	Chickasaw	1,810	Tunica	2,030
-	2,990	Choctaw	970	Union	2,000
	2,790	Claiborne	1,180	Walthall	990
LakeLake of the Woods	1,720 900	Clarke	1,770 1,940	Warren	6,340 7,070
	4,010	Clay	5,600	Wayne	1,220
	2,050	Copiah	2,810	Webster	990
	3,880	Covington	1,160	Wilkinson	1,250
-	4,290	De Soto	2,120	Winston	1,880
	1,060	Forrest	4,650	Yalobusha	1,870
	3,070	Franklin	1,130	Yazoo	2,610
	ı	785	l		
		703			

Section	MISSOURI	nadio		adio omes		Radio Homes
Addrie 4.290 Andrew 2.420 Andrew 2.420 Andrew 2.420 Andrew 2.420 Andrew 2.420 Andrew 2.420 Andreware 2.420 And	622,800				Dawson	
Andrew 2.420 Alchaison 2.280 Audrain 4.910 Barry 3.910 Barry 3.910 Barry 3.910 Barry 3.910 Barry 3.910 Barron 2.700 Benton 2.700 Benton 1.970 Benton 1.970 Bonton	Adair					
Montrogrammer 2.520					_	
Montgomery 2,500 Barlon 3,000 Barlon 2,700 Barlon 2,700 Benton 1,790 Bone 7,340 Bone 7,340 Bone 7,340 Burler 4,330 Burler 4,330 Burler 4,330 Burler 4,330 Burler 4,330 Cardiwell 2,480 Caldwell 2,480 Caldwell 2,480 Caldwell 2,480 Cardwell 2						
Barry 3-910 Morgan 1.790 Calcialin 3.580 Serion 2.700 Newbardid 4.400 Garfield 9.40 Serion 1.970 Newbon 4.950 Gardield 9.40 Serion 1.800 Serion 1.800 Carge 1.770 Sollinger 1.800 Carge 1.770 Suchanna 25.550 Cardwell 2.480 Perry 2.130 Caldwell 2.480 Perry 2.130 Caldwell 2.480 Perry 2.130 Caldwell 2.480 Perry 2.130 Caldwell 3.930 Petits 8.140 Lewis and Clark 4.440 Carge Girardeau 6.750 Pick 3.970 Carroll 3.930 Pict 2.540 Carder 2.000 Pick 3.970 Carder 2.000 Pick 3.970 Carder 2.000 Randolph 6.580 Rando		0.00				
Bartes 4.770 Benton 1.970 Benton 1.970 Benton 1.970 Benton 1.970 Benton 1.970 Benton 1.970 Bollinger 1.680 Boone 7.340 Boone 7.340 Boone 7.340 Boone 7.340 Carge 1.800 Butler 4.330 Butler 4.340 Butler 4.330 Butler		0.00				
Benlinger 1.890		5.0	-	4.400	Garfield	940
Bollinger 1,890 Nodaway 5,170 Golden Valley 440			Newton	4,950	Glacier	1,100
Bouchemon			Nodaway	5,170	Golden Valley	440
Buther						
Butler						
Callewer 3.370 Perry 2.130 Callewer 3.370 Perry 2.130 Camden 1.360 Pettis 8.140 Cameden 3.390 Pitte 2.890 Pitte 3.970 Carroll 3.930 Pitte 2.540 Carroll 3.940 Carroll 3.950 Pitte 2.540 Carroll 3.950 Pitte 2.540 Carroll 3.960 Pitte 2.540 Carroll 3.960 Pitte 2.540 Carroll 3.960 Pitte 3.970 Chariton 3.960 Pitte 3.970 Pitte 3.970 Chariton 3.960 Pitte 3.970 Pitt					•	
Cardiaway 1.360	Caldwell	2,480			-	
Came Girardeau 1,360 Fale 2,200 Care Girardeau 3,930 Fale 3,970 Carroll 3,930	Callaway	3,370	4			
Carpel 3,930 Carter 820 Polk 3,970 Carter 820 Polk 3,010 McGone 910 Carter 3,930		1,360				
Carrel 3.940 Carter 820 Cases 4.110 Pulaski 1.770 Macgher 530 Macgher 530 Carter 2.050 Cark 2.	Cape Girardeau					
Care State Cass A.110 Cass A.110 Caddr 1.990 Pulmam 1.970 Mineral 410						
Cass 4.110 Pulaski 1.770 Meagher 530 Charton 3,380 Pulnam 1.970 Mineral 410 Christian 2,000 Ralls 1.910 Mineral 5,000 Clark 2,000 Randolph 6,580 Musselshell 1,510 Clary 6,330 Reynolds 1,230 Park 2,520 Clay 6,630 Reynolds 1,230 Petroleum 440 Cole 6,660 St. Charles 4,970 Ponder 1,700 Code 1,750 St. Charles 4,970 Ponder 1,330 Dade 1,540 St. Louis 49,150 Prowell 1,330 Daviess 2,550 Louis 49,150 Prowell 1,330 Daviess 2,650 St. Louis 4,9150 Reveriliins 2,000 Dent 1,680 Schuyler 1,350 Reveriliins 2,000 Dauglas 1,690 Schuyler						
Description 3.360 Christian 2.050 Christian 2.050 Christian 2.050 Christian 2.050 Christian 2.050 Clark 2.300 Clark 2.300 Clark 2.300 Clark 2.300 Clore 6.660 Cooper 3.850 Cooper 3.850 Cooper 3.850 Cooper 3.850 Clair 2.300 Cooper 3.850 Clair 3.300 Cooper 3.300						
Christian 2.050 Christian 2.050 Christian 2.050 Clark 2.000 Clark 2.000 Clark 2.000 Clark 2.000 Clark 2.000 Clark 2.270 Clinton 2.270 Crawford 1.750 Crawford 1.550 Clarir 2.030 Crawford 1.550 Clarir 2.050 Crawford 2.210 Carbon 2.240 Carbon 2.240 Carbon 2.240 C						410
Clark 2,000 Clay 6,330 Clay 6,330 Clay 6,330 Clay 6,330 Clay 6,330 Clay 6,330 Cooper 3,850 Cooper 1,750 Cole 6,066 Cooper 1,750 Cole 6,066 Cooper 1,750 Coop				1,910		5,030
Clary		200	Randolph	6,580	Musselshell	1,510
Clinton 2,970 Cole 6,060 Cole 6,060 Cooper 1,750 Crawford 1,750 Dade 2,030 Crawford 1,750 Dade 2,030 Dade 2,030 Dade 2,030 Dade 2,050 Dade			Ray	3,950	Park	2,520
Cole			Reynolds	1,230	Petroleum	440
Cooper 3,850 St. Charles 4,970 Crawford 1,750 Crawford 1,750 Crawford 1,750 Crawford 1,540 Crawford			Ripley	1,620	Phillips	1,700
Crawford 1,750						
Dade 2,030 St. Francis 5,720 Dallas 1,540 Daviess 2,6550 St. Louis 49,150 Prairie 660 St. Louis 230,130 St. Louis City 230,130 Royalli 2,170 Royalli						
Darles 1,540	Dade					
De Kalb 1.900 1.680 1.900 De Kalb 1.900 De Kalb 1.900 De Malb 1.860 Douglas 1.860 Douglas 1.860 Dounklin 5.470 Franklin 5.820 Gasconade 2.210 Gentry 20.610 Gentry 20.610 Greene 20.610 Grey 20.610		1,540				
De Kalb	Daviess	2,650				
Dent		1,900				
Douglas 1,800 Dunklin 5,870 Franklin 5,820 Scotl and 1,670 Scotl 4,500 Sheridan 1,740 Shannon 1,570 Shelby 2,380 Stillwater 1,200 Sheridan 1,740 Stillwater 1,200 Sheridan 1,740 Stillwater 1,200 Stillwater 1,2	Dent					
Dunklin 5.470 Franklin 5.820 Gasconade 2.210 Gasconade 2.740 Gentry 20.610 Shelby 2.380 Stillwater 1.200 Shelby 2.	Douglas					
Stantage Care Car						
Second Common C						
Seentry						
Stone				4,140	Sweet Grass	780
Harrison 3,110 Henry 4,840 Taney 1,450 Texaus 2,740 Valley 2,160 Hickory 1,060 Hickory 1,060 Howard 2,750 Howard 2,750 Howard 3,400 Howell 1,570 Ho			Stone	1,700	Teton	1,240
Henry		- 1	Sullivan	2,600	Toole	1,490
Hickory 1,060 Holt 2,350 Holt 2,350 Howard 2,750 Howard 2,750 Howell 3,400 Hron 1,570 Marien 1,570 Marien 1,380 Warnen 1,380 Washington 2,310 Wayne 1,790 Yellowstone National Park 10					Treasure	310
Holt	Highery	1				
Howard 2,750 Howell 3,400 Howell 3,400 Iron 1,570 Iron Iro	Halt					
Howell 3.400 Iron 1.570 Iron 1.570 Wayne 1.790 Webster 2.500 Worth 1.160 Jasper 18.860 Wright 2.590 Worth 1.160 Jasper 18.860 Wright 2.590 Worth 1.160 Wright 2.590 Worth 2.590 Wort						
Iron	Howell	3,400				6,900
Jackson 131,600 Worth 1,160 Wright 2,590	lron					10
Jefferson 5,630 Jefferson 5,630 Johnson 4,550 NEBRASKA 284,100 Laclede 2,800 Lafayette 5,890 Lawrence 4,480 Lincoln 2,610 Big Horn 1,580 Banner 280 Lincoln 5,250 Blaine 1,720 Blaine 280 Livingston 3,840 McDonald 2,210 Carbon 2,510 Box Butte 2,560 Macon 4,700 Carter 800 Boy Brown 1,110 Maries 1,150 Chouteau 1,820 Buffalo 5,240 Marion 8,280 Custer 2,490 Burt 2,580 Mercer 1,600 Daniels 1,040 Butler 2,780 Mercer 1,600 Daniels 1,040 Butler 2,780 NEBRASKA 284,100 Adams 5,480 Adams 5,480 Adams 5,480 Antelope 2,770 Adams 5,480 Antelope 2,770 Adams 5,480 Antelope 2,770 Bonner 280 Banner 280 Banner 280 Boone 2,640 Boy Butte 2,560 Boy Butte 2,560 Boy Butte 2,560 Boy Butte 2,560 Boy Butte 2,560 Boy Butte 2,560 Boy Butte 2,500 Boy Butte 2,500 Boy Butte 2,500 Boy Butte 2,780 Butte 2,500 Boy Butte 2,780 Butte 2,780 Boy Bu	Iackson	131,600		-,,,,,	Park	10
Selferson 1,800					•	
Rinox 1,800 Laclede 2,800 MONTANA Lafayette 5,890 Lawrence 4,480 Lawrence 4,480 Lincoln 2,610 Big Horn 1,580 Banner 280 Lincoln 5,250 Blaine 1,720 Blaine 280 Livingston 3,840 Broadwater 600 Boone 2,640 McDonald 2,210 Carbon 2,510 Box Butte 2,560 Madison 1,660 Cascade 9,340 Brown 1,110 Maries 1,150 Chouteau 1,820 Buffalo 5,240 Marion 8,280 Custer 2,490 Burt 2,500 Mercer 1,600 Daniels 1,040 Butler 2,780			Wilgin	2,000	_	
Laclede			•		NEBRASKA	
Maries 1.150 Maries 1.160 Maries 1.160 Maries 1.150 Maries 1.160 Daniels 1.040 Maries 1.160 Maries 1.160 Daniels 1.040 Maries 2.780 Maries 2.78				1	284.100	
Lawrence 4.480 114,600 Addms 3,480 Lewis 2,500 Beaverhead 1,340 Arthur 210 Lincoln 2,610 Big Horn 1,580 Banner 280 Linn 5,250 Blaine 1,720 Blaine 280 Livingston 3,840 Broadwater 600 Boone 2,640 McDonald 2,210 Carbon 2,510 Box Butte 2,560 Macon 4,700 Carter 800 Bcyd 1,280 Madison 1,660 Cascade 9,340 Brown 1,110 Maries 1,150 Chouteau 1,820 Buffalo 5,240 Marion 8,280 Custer 2,490 Burt 2,500 Mercer 1,600 Daniels 1,040 Butler 2,780	Laclede		MONTANA	- 1		F 400
Lewis 2,500 Beaverhead 1,340 Arthur 210 Lincoln 2,610 Big Horn 1,580 Banner 280 Linn 5,250 Blaine 1,720 Blaine 280 Livingston 3,840 Broadwater 600 Boone 2,640 McDonald 2,210 Carbon 2,510 Box Butte 2,560 Macon 4,700 Carter 800 Bcyd 1,280 Madison 1,660 Cascade 9,340 Brown 1,110 Maries 1,150 Chouteau 1,820 Buffalo 5,240 Marion 8,280 Custer 2,490 Burt 2,500 Mercer 1,600 Daniels 1,040 Butler 2,780	Latayette	4.490		į		
Lincoln 2,610 Big Horn 1,580 Banner 280 Linn 5,250 Blaine 1,720 Blaine 280 Livingston 3,840 Broadwater 600 Boone 2,640 McDonald 2,210 Carbon 2,510 Box Butte 2,560 Macon 4,700 Carter 800 Bcyd 1,280 Madison 1,660 Cascade 9,340 Brown 1,110 Maries 1,150 Chouteau 1,820 Buffalo 5,240 Marion 8,280 Custer 2,490 Burt 2,500 Mercer 1,600 Daniels 1,040 Butler 2,780	Lawrence			1 240	-	
Linn 5.250 Blaine 1.720 Blaine 280 Livingston 3.840 Broadwater 600 Boone 2.640 McDonald 2.210 Carbon 2.510 Box Butte 2,560 Macon 4.700 Carter 800 Bcyd 1,280 Madison 1.660 Cascade 9,340 Brown 1,110 Maries 1.150 Chouteau 1,820 Buffalo 5,240 Marion 8,280 Custer 2,490 Burt 2,500 Mercer 1,600 Daniels 1,040 Butler 2,780						
Livingston 3,840 Broadwater 600 Boone 2,640 McDonald 2,210 Carbon 2,510 Box Butte 2,560 Macon 4,700 Carter 800 Bcyd 1,280 Madison 1,660 Cascade 9,340 Brown 1,110 Maries 1,150 Chouteau 1,820 Buffalo 5,240 Marion 8,280 Custer 2,490 Burt 2,500 Mercer 1,600 Daniels 1,040 Butler 2,780						
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Madison 1.660 Cascade 9.340 Brown 1.110 Maries 1.150 Chouteau 1.820 Buffalo 5.240 Marion 8.280 Custer 2.490 Burt 2.500 Mercer 1,600 Daniels 1,040 Butler 2,780						
Maries 1,150 Chouteau 1,820 Buffalo 5,240 Marion 8,280 Custer 2,490 Burt 2,500 Mercer 1,600 Daniels 1,040 Butler 2,780		1,660	Cascade	9,340		1,110
Mercer 1,600 Daniels 1,040 Butler 2,780						
				-,		
786	Mercer	1,600	Daniels	1,040	Butler	2,780
		,	786			

	Radio Homes	Radio Homes	Radio Homes
Cass	3,750		
Cedar	2,830	Scotts Bluff 5,400 Seward 3,150	Morris 27,020 Ocean 9,450
Cliase	980		
Cherry	1,920		Passaic 77,660
Cheyenne	1,970	Sherman 1,620	Salem 9,320
Clay	2,810	Sioux	Somerset 15,580
Colfax	2,350	Stanton	Sussex 7.270
Cuming	2,510	Thayer 2,680	Union 75,800
Custer	4,850	Thomas	Warren 13.020
Dakota	1,850	Thurston 1,720	•
Dawes	2,350	Valley 1,820	·
Dawson	3,540	Washington 2,420	NEW MEXICO
Deuel	730	Wayne 1,960	62,300
Dixon	2.090	Webster	Bernalillo 8,780
Dodge	5,660		Catron 440
Douglas	55,840	York 3,560	Chaves 3,560
Dundy	1,000		Colfax
Fillmore	2,640	NEVADA	1
Franklin	1,830	28,500	Curry 2,700 De Baca 380
Frontier	1,510	Churchill 1,600	Dona Ana 3,730
Furnas	2.470	Clark 2,880	Eddy 2,280
Gage	6,370	Douglas 500	
Garden	930	Elko 2.880	
Garfield	630	Esmeralda 520	•
Gosper	760	Eureka 430	
Grant	290	Humboldt 1,270	Hidalgo 670
Greeley	1,410	Lander 710	Lincoln 880
Hall	6,120	Lincoln 980	Luna
Hamilton	2,470	Lyon 1,180	McKinley 3,030
Harlan	1,720	Mineral 720	Mora 1,120
Hayes	610	Nye 1,710	Otero
Hitchcock	1,350	Ormsby 680	
Holt	2,910	Pershing 810	Quay 1,680 Rio Arriba 2,520
Hooker	230	Storey 280	Roosevelt
Howard	1,890	Washoe 8,050	Sandoval 1,310
Jefferson	3,540	White Pine 3,300	San Juan 1,660
Johnson	1,850	•	San Miguel 3,520
Kearney	1,590	NEW HAMPSHIRE	Santa Fe 3,390
Keith	1,290	124,400	Sierra 710
Keyapaha	550	Belknap 6.290	Sccorro
Kimball	870	Carroll 4,340	Taos 1,740
Knox	3,380	Cheshire 9,200	Torrance 1,200
Lancaster	23,500	Coos 9,320	Union 1,510
Lincoln	5,040	Grafton 11,890	Valencia 2,020
Logan	340	Hillsborough 36,360	_
Loup	300	Merrimack 15,070	•
McPherson	250	Rockingham	NEW YORK
Madison	5,350	Strafford 10,170	
Merrick	2,120	Sullivan 6,510	3,132,300
Morrill	1,680	•	Albany 55,630
Nance	1,600	NEW JERSEY	Allegany 10,190
Nemaha	2,640		Bronx326,360
Nuckolls	2,560	1,022,500	Broome 35,550
Otoe	4,210	Atlantic 33,120	Cattaraugus 18,270
Pawnee	1,860	Bergen 96,620	Cayuga 16,620
Perkins	1,020	Burlington 23,350	Chautauqua 32,920
Phelps	2,060	Camden 63,410	Chemung 19,210
Pierce	1,970	Cape May 8,500	Chenango 9,350
Platte	3,880	Cumberland 18,340	Clinton 9,780
Polk	1,960	Essex	Columbia
Redwillow	2,890	Gloucester 18.140	Cortland 8.460
Richardson	4,080	Hudson	Delaware 10,660
Rock	590	Hunterdon 9,410	Dutchess
Saline	3,630	Mercer 43,710	
Sarpy	1,900	Middlesex 49,230	Essex 7,790
		787	

Radio		Radio	Radio
Homes		Homes	Homes
Franklin 10,170	Carteret	2,430	Ru.herford 4,670
Fulton 12,900	Caswell	1,660	Sampson 4,190
Genesee 10,740	Catawba	5,680	Scotland 2,350
Greene 7,230	Chatham	2,570	Stanly 3.570
Hamilton 970	Cherokee	1,670	Stokes 2,200
Herkimer 16,020	Chowan	1,470	Surry 4,640
Jefferson 21,680	Clay	550	Swain 1,230
Kings620,000	Cleveland	6,340	Transylvania 1,190
Lewis 5,610	Columbus	3,980	Tyrrell 570
Livingston 8,890	Craven	4,440	Union 4,650
Madison 10,720	Cumberland	5,630	Vance 3,250
Monroe 106,720	Currituck	800	Wake
Montgomery 14,810	Dare	710	Warren 2,240
Nassau 75,450	Davidson	6,390	Washington 1,270
New York	Davie	1,590	Watauga 1,560
Niagara 35,030	Duplin	3,720	Wayne 6,850
Oneida 47.740	Durham	12,550	Wilkes 3.720
Onondaga 72,790	Edgecombe	6,170	Wilson 5,800
Ontario	Forsyth		Yadkin 1,890
Orange 32,120	Franklin	3,030	Yancey 1,470
Orleans 7,550	Gaston		•
Oswego 17,610	Gates	1,060	
Otsego	Graham	580	NORTH DAKOTA
	Granville	3,150	119,600
Queens	Greene	1,720	Adams 1,080
	Guilford		Barnes 3,570
Richmond	Halifax	5,710	Benson 2,290
Rockland	Harnett	4,110	Billings 480
Sr. Lawrence	Haywood	3,540	Bottinegu 2,610
Saratoga	Henderson	3,140	Bowman 930
Schoharie 5,460	Hertford	1,770	Burke 1,710
Schuyler 3,500	Hoke	1,340 920	Burleigh 3,830
Suffolk	Hyde	6,260	Cass 10,030
Seneca 5,880	Iredell	1,820	Cavalier 2,380
Steuben 21,800	Jackson	6,030	Dickey 1,840
Sullivan 9,290	Iones	990	Divide 1,670
Tioga 6,930	Lee	2,130	Dunn 1,440
Tompkins 11,140	Lenoir	4,640	Eddy 1,030
Ulster 21,150	Lincoln	2,580	Emmons 1,830
Warren 9,150	McDowell	2,280	Foster 1,090
Washington 11,510	Macon	1,460	Golden Valley 760
Wayne 13,440	Madison	2,060	Grand Forks 6,570
Westchester124,110	Martin	2,500	Grant 1,590 Hettinger 1,370
Wyoming 7,430	Mecklenburg	23,520	Hettinger 1,370 Griggs 1,160
Yates 4,640	Mitchell	1,440	Kidder 1,250
•	Montgomery	1,780	La Moure 1,930
	Moore	3,360	Logan
NORTH CAROLINA	Nash	6,370	McHenry 2,600
408,600	New Hanover	8,330	McIntosh 1,450
Alamance 5,650	Northampton	2,690	McKenzie 1,730
Alexander	Onslow	1,570	McLean 2,950
Alleghany 790	Orange	2,590	Mercer 1,450
Anson 3,160	Pamlico	1,120	Morton 3,420
Ashe 2,100	Pasquotank	3,030	Mountrail 2,390
Avery 1,180	Pender	1,670	Nelson 1,690
Becufort 4,430	Perquimans	1,180	Oliver 650
Bertie 2,580	Person	2,280	Pembing 2,540
Bladen 2,330	Pitt	6.430	Pierce 1,440
Brunswick 1,830	Polk	1,190	Ramsey 2,980
Buncombe 16,660	Randolph	4.380	Ransom 1.900
Burke 3,230	Richmond	4,250	Renville 1,290
Cabarrus 5,500	Robeson	7,120	Richland 3,740
Caldwell 3,330	Rockingham	6,060	Rolette 1,710
Camden 610	Rowan	8.250	Sargent 1,630
	788		

	Radio Homes		Radio Homes	Radio Homes
Sheridan	1,140	Mahoning	52,780	Dewey 2,240
Sioux	750	Marion		Ellis
Slope	740	Medina	7,540	Garfield 10,330
Stark	2.620	Meigs	5,910	Garvin 4,990
Steele	1,140	Mercer	5,670	Grady 8,270
Stutsman	4,600	Miami	-	Grant
Towner	1,390	Monroe	4,320	Greer 3,410
Traill	2,130	Montgomery	68,570	Harmon 2.240
Walsh	3,400	Morgan	3,490	Harper 1,350
Ward	6,620	Morrow	3,980	Haskell 2,400
Wells	2,190	Muskingum	17,420	Hughes 5,090
Williams	3,690	Noble	3,660	Jackson 5,180
_		Ottawa	6,160	Jefferson 2,820
•		Paulding	3,770	Johnston 2,100
OHIO		Perry	7,440	Kay 11,040
_		Pickaway	5,960	Kingfisher 2,990
1,641,500		Pike	3,040	Kiowα 5,160
Adams	4,990	Portage	10,600	Latimer 1,790
Allen		Preble	5,990	Le Flore 6,860
Ashland		Putnam	5,780	Lincoln 5,710
Ashtabula		Richland		Logan 5,560
Athens		Ross		Love
Augalize		Sandusky		McCurtain 5,450
Brown		Seneca		McIntosh 3,650
Butler		Shelby		Major 2,090
Carroll		Stark		Marshall 1,740
Champaign		Summit		Murray 2,240
Clark	22,890	Trumbull	27,960	Muskogee 12,960
Clermont	7,960	Tuscarawas	17,040	Noble 2.950
Clinton	5,870	Union	4,990	Nowata 2,380
Columbiana		Van Wert		Okfuskee 4,680
Coshocton		Vinton	2,370	Oklahoma 54,080
Crawford		Warren	6,770	Okmulgee
Cuyahoga		Washington	10,810 11,850	Osage 8,940 Ottawa 7,500
Defiance		Wayne	6,530	Pawnee 3,610
Delaware		Wood		Payne 7,630
Fairfield		Wyandot	4,890	Pittsburg 8,460
Erie	10,850			Pontotoc 5,770
Fayette		•		Pottawatomie 13,240
Franklin				Pushmataha 2.400
Fulton		OKLAHOMA	L	Roger Mills 2,200
Gallia		454,300		Rogers 3.220
Geauga		Adair	2,170	Seminole
Greene	-,	Alfalfa	2,710	Sequoyαh 2,890 Stephens 6,030
Hamilton		Atoka	2,240	Texas
Hancock		Beaver	1,890	Tillman 4,340
Hardin		Beckham	5,230	Tulsα
Harrison	4.710	Blaine	3,430	Wagoner 3.510
Henry	5,530	Bryan	5,290	Washington 6,170
Highland		Caddo	8,360	Washita 4,820
Hocking		Canadian	5,340	Woods 3,400
Holmes		Carter	7,980 2,630	Woodward 2,900
Huron		Choctaw	3,970	
Jefferson		Cimarron	950	•
Knox		Cleveland	4,580	OREGON
Lake		Coal	1,860	
Lawrence		Comanche	6,300	285,400
Licking	16,010	Cotton	2,490	Baker 4,930
Logan	7,750	Craig	2,860	Benton 4,820
Lucas		Creek		Clackamas
Lorain		Custer	4,960	Clatsop 6,000
Madison	4,760	Delaware	2,300	Columbiα 5,840
		789		

R	adio	Radio	Radio
H	omes	Homes	Homes
Coos	8,600	Huntingdon 8,350	Darlington 4,690
Crook	950	Indiana 15,350	Dillon 2,580
Curry	1,070	Jefferson 11,230	Dorchester 2,140
Deschutes	4,340	Juniata 3,320	Edgefield 1,900
Douglas	6,980	Lackawanna 66,850	Fairfield 2,250
Gilliam	950	Lancaster	Florence 7,050
Grant	1,830	Lawrence 22,250	Georgetown 2,840
Harney	1,780	Lebanon 15,850	Greenville 15,870
Hood River	2,650	Lehigh 41,710	Greenwood 4,540
-	0.230	Luzerne 92,070	Hampton 1,910
Jefferson	630	Lycoming 23,490	Horry 3,590
-	3,680	McKean 13,370	Jasper
	9,180	Mercer 23,010	Kershaw 3,370
	1,410	Mifflin 8,990	Lancaster 2,860
	6,330	Monroe 6,950	Laurens 4,680
	3,060	Monigomery 60,680	Lee 2,430
	7,610	Montour 2.940	Lexington 4.140
	3,130	Northampton 39,710	McCormick
Marion		Northumberland 28,780	Marion 3.160
	1,400	Perry 5,190	Marlboro 3.340 Newberry 4.120
Multnomah		Philadelphia	110 1120111
	4,960 810	Pike	Oconee
Sherman Tillamook	3.500	Potter	Orangeburg 7,120 Pickens 3,610
	6,840	Schuykill 49,570 Snyder 4,450	Richland 13,520
	5,050	Somerset 16,030	Saluda
	2.180	Sullivan 1,620	Spartanburg 14,700
	3,760	Susquehanna 7,850	Sumter 5,510
	9,210	Tioga 7,930	Union 3,570
Wheeler	710	Union 4,170	Williamsburg 3.060
	6.750	Venango 14,960	York
		Warren 9,930	2011
•	1	Washington 43,140	•
IDENINGN/T WANT		Wayne 6,630	SOUTH DAKOTA
PENNSYLVANI	/ 🖢	Westmoreland 62,460	
2,206,400		Wyoming 3,750	132,900
	8,500		Armstrong
Allegheny31		•	Aurorα 1,310
Armstrong		RHODE ISLAND	Beadle 4,720
Beaver			Bennett 800
	8,050	155,500	Bon Homme 2,200
Berks 59		Bristol 5,360	Brookings 3.260
Blair 32		Kent	Brown 6,610 Brule 1,400
Bradford		Newport 9,670	Brule 1,400 Buffalo 340
Bucks 22 Butler 1		Providence	Butte 1,670
Cambria 40		Washington 7,200	Campbell 910
Cameron		•	Charles Mix 2.840
Carbon			Clark 2,010
Centre		SOUTH CAROLINA	Clay 2,000
Chester 2		207,300	Corson 1,650
	7,810	Abbeville 2,610	Codington 3,610
Clearfield		Aiken 5,790	Custer 1,090
	7,480	Allendale 1,460	Davison 3.620
Chillon	7,700		
Columbia		Anderson 9,400	Dαy 2,600
	1,180		Deuel 1,500
Columbia 1	1,180 6,040	Anderson 9.400 Bamberg 1,980 Barnwell 2,350	Deuel 1,500 Dewey 1,180
Columbia 1 Crawford 1	1,180 6,040 7,260	Anderson 9,400 Bamberg 1,980	Deuel 1,500
Columbia 1 Crawford 16 Cumberland 1	1,180 6,040 7,260 0,890	Anderson 9,400 Bamberg 1,980 Barnwell 2,350 Beaufort 2,780 Berkeley 2,300	Deuel 1.500 Dewey 1.180 Douglas 1.290 Edmunds 1,460
Columbia	1,180 6,040 7,260 0,890 7,990 6,900	Anderson 9,400 Bamberg 1,980 Barnwell 2,350 Beaufort 2,780	Deuel 1.500 Dewey 1.180 Douglas 1.290 Edmunds 1,460 Fall River 1.760

 Charleston
 18,510

 Cherokee
 3,580

 Chester
 3,640

 Chesterfield
 3,480

 Clarendon
 2,840

 Erie
 43,330

 Fayette
 49,030

 Forest
 1,230

 Franklin
 14,790

 Fulton
 1,960

 Greene
 9,030

9,030 Colleton 2,750 Hand

Grant
Gregory
Haakon
Hamlin

1,290 1,950 2,070 940

1,480

1,660

	Radio		Radio	Radio Homes
	Homes		Homes	
Hanson		Dyer	5,170	Van Buren 490
Harding		Fayette	3,830	Warren 3,190 Washington 7,860
Hughes		Fentress	1,520	
Hutchinson		Franklin	3,350	Wayne 1,720
Hyde		Gibson	7,550	Weakley 4,850 White
Jackson		Giles	4.240	Williamson 3460
Jerauld		Grainger	1,780 4,980	Wilson 4,030
Jones		Greene	1,630	WISON 4,000
Kingsbury		Grundy	2,760	•
Lawrence		Hamilton	35,170	
Lincoln		Hancock	1,170	TEXAS
Lyman		Hardeman	3.070	1,033,500
McCook		Hardin	2,300	
McPherson		Hawkins	3,380	Anderson 5,520
Meade	2,190	Haywood	3,700	Andrews 130
Marshall	1,670	Henderson	2,510	Angelina 4,380
Mellette	-890	Henry	4,350	Aransas
Miner	1,530	Hickman	2,030	Archer
Minnehaha	11,050	Houston	830	Armstrong 490
Moody	1,770	Humphreys	1,840	Atαscosα 2,040
Pennington	4,500	Jackson	1,770	Austin 2,860
Perkins		Jefferson	2.520	Bailey 670 Bandera 580
Potter		Johnson	1,590	
Roberts		Knox	31,370	
Sanborn		Lake	1,790	Baylor 1,180 Bee 2,420
Shannon		Lauderdale	3,610	Bell 8,560
Spink		Lawrence	3,670	Bexar 61,820
Stanley		Lewis	840	Blanco 530
Sully		Lincoln	3,850	Borden 180
Todd		Loudon	2.720	Bosque
Tripp		McMinn	4,700	Bowie 8,130
Turner		McNairy	2,820	Brazoria 3,520
Walworth		Macon	2,020	Brazos 3,780
Washabaugh		Madison	9,820	Brewster 1,190
Washington		Marion	2,880	Briscoe 760
Yankton		Marshall	2,680	Brooks 780
Ziebach		Maury	6,060	Brown 5,000
		Meigs	770	Burleson 2,870
•		Monroe	2.910	Burnet
TENNESSE	7	Montgomery	5,090	Caldwell 4,890
	2	Moore	590 1,910	Calhoun 750
459,900		Morgan	5,010	Callahan 1,950
Anderson		Obion	2,300	Cameron 13,120
Bedford		! _	1.020	Camp
Benton		Pickett	710	Carson 1,290
Bledsoe		Polk	2,240	Castro 640
Blount		Putnam	3,450	Chambers 850
		Rhea	2,130	Cherokee 6,100
Campbell		Roane	3,860	Childress 2,780
Cannon		Robertson	4,540	Clay 2,100
Carter		Rutherford	5,200	Cochran 260
Cheatham		Scott	2,100	Coke 740
Chester		Sequatchie	570	Coleman 3,750
Clairborne		Sevier	2,650	Collin 7,150
Clay		Shelby	72,140	Collingsworth 2,220
Cocke		Smith	2,400	Colorado 3,040
Coffee		Stewart	1,830	Comal 2,380
Crockett		Sullivan	8,790	Comanche 2,810
Cumberland		Sumner	4,570	Concho 1,060
Davidson		Tipton	3,930	Cooke 4,070
Decatur		Trousdale	880	Coryell 2,790
De Kalb		Unicoi	1,980	Cottle 1,420
Dickson	2,890	Union	1,380	Crane 570
		791		

	Radio Homes		Radio Homes		Radio Homes
Crockett	490	Jack	1,370	Parmer	800
Crosby	1,540	Jackson	1,470	Pecos	1,370
Culberson	230	Jasper	2,530	Polk	2,510
Dallam	1,590	Jeff Davis	290	Potter	11,050
Dallas		Jefferson	29,450	Presidio	1,490
Dawson	2,010	Jim Hogg	670	Rains	900
Deaf Smith	930	Jim Wells	1,970	Randall	1,390
Delta	1,810 5,480	Johnson	5,850	Reagan	610
De Witt	4,390	Karnes	3,790	Real	340
Dickens	1,190	Kauiman	2,970 5,820	Red River	4,290
Dimmit	1,200	Kendall	820	Reeves	1,190 1,140
Donley	1,630	Kenedy	100	Refugio	240
Duval	1,560	Kent	500	Robertson	3,290
Eastland	6,410	Kerr	1,880	Rockwall	1,210
Ector	690	Kimble	650	Runnels	3,440
Edwards	440	King	150	Rusk	4,260
Ellis	9,180	Kinney	570	Sabine	1,730
El Paso		Kleberg	2,090	San Augustine	1,650
Erath	3,370	Knox	1,550	San Jacinto	1,360
Fannin	5,490 6,320	Lamar	7,910	San Patricio	3,330
Fannin	4.360	Lamb	2,420 1,580	San Saba	1,480
Fisher	1,830	La Salle	1,170	Schleicher	480
Floyd	1,930	Lavaca	4,130	Scurry	1,780
Foard	950	Lee	1,760	Shackelford	1,130
Fort Bend	4,060	Leon	2,830	Shelby	3,960 380
Franklin	1,150	Liberty	3,040	Smith	8,460
Freestone	3,340	Limestone	6,000	Somervell	470
Frio	1,380	Lipscomb	690	Starr	1,440
Gaines	370	Live Oak	1,150	Stephens	3.050
Galveston		Llano	870	Sterling	240
Garza	790	Loving	40	Stonewall	750
Gillespie	1,670	Lubbock	7,470	Sutton	440
Glasscock	180 1,330	Lynn	1,630	Swisher	1,080
Gonzales	3,930	McCulloch	2,110 18,910	Tarrant	
Gray		McMullen	190	Taylor	8,120
Grayson		Madison	1,620	Terrell	460
Gregg	2,660	Marion	1,500	Terry	1,160
Grimes	3,450	Martin	760	Throckmorton	770
Guadalupe	4,130	Mason	840	Titus	2.360
Hale	3,600	Matagorda	2,960	Tom Green	7,620
Hall	2,660	Maverick	1,040	Travis	14.840 1.970
Hamilton	2,000	Medina	1,980	Trinity Tyler	1,730
Hansford	560	Menard	730	Upshur	2.930
Hardeman	2,400 2,400	Midland	1,600	Upton	1,280
Harris	_,	Milam	5,440 1,190	Uvalde	2.160
Harrison		Mitchell	2,250	Val Verde	2,700
Hartley	340	Montague	3,160	Van Zandt	4.390
Haskell	2,480	Montgomery	2,330	Victoria	3.370
Hays	2,380	Moore	230	Walker	2,680
Hemphill		Morris	1,350	Waller	1,620
Henderson		Motley	940	Ward	810
Hidalgo		Nacogdoches	4,400	Washington	4,010
Hill		Navarro	9,630	Webb	6,990
Hockley		Newton	1.830	Wharton	4,430 2,430
Hood	4,300	Nolan Nueces	3,840 9,380	Wichita	
Houston	4,110	Ochiltree	1,010	Wilbarger	4,210
Howard	4,590	Oldham	220	Willacy	1,490
Hudspeth	550	Orange	2,770	Williamson	7,090
Hunt	8,250	Palo Pinto	3,150	Wilson	2,240
Hutchinson	2,960	Panola	3.100	Winkler	1,580
Irion	340	Parker	3,110	Wise	2,950
		792			

	Radio Homes	1	Radio Homes	Radio Homes
Wood	3,490	Amelia	1,110	Orange 1,800
Yoakum	150	Amherst	2,350	Page 2,190
Young	3,490	Appomatox	1,060	Patrick 1,840
Zapata	380	Arlington	10,960	Pittsylvania 12,120
Zavala	1,410	Augusta	7,870	Powhatan 730
_		Bath	1,090	Prince Edward 2,100
•		Bedford	3,930	Prince George 3,680
UTAH		Bland	750	Prince William 1,990
111,000		Boteourt	2,170	Princess Anne 2,440
Beaver	1,150	Brunswick	2,440	Pulaski 3,080
Box Elder	3,630	Buckanan	1,730 1,730	Rappahanonck 970 Richmond 890
Cache	5,930	Buckingham	11,660	Rognoke 22,120
Carbon	3,680	Caroline	1,880	Rockbridge 3,900
Daggett	90	Carroll	2,820	Rockingham 5,800
Davis	2,940	Charles City	640	Russell 3,290
Duchesne	1,630	Charlotte	1,950	Scott 2,940
Emery	1,410	Chesterfield	3,860	Shenandoah 3,290
Garfield	850	Clarke	1,030	Smyth 3,350
Grand	400	Craig	510	Southampton 3,400
Iron	1,560	Culpeper	1,900	Spotsylvania 2,810
Juab	1,890	Cumberland	950	Stafford 1,120
Kane	420 2,050	Dickenson	1,870	Surry 1,030
Morgan	520	Dinwiddie	8,210	Sussex
Piute	400	Elizabeth City	4,720 930	Tazewell
Rich	360	Fairfax	3,930	Warwick 9,120
Salt Lake		Fauquier	2,940	Washington 6,440
San Juan	700	Floyd	1,450	Westmoreland 1,180
Sanpete	3,420	Fluvanna	990	Wise 7,260
Sevier	2,260	Franklin	2.910	Wythe 2.900
Summit	1,980	Frederick	4,550	York 1,250
Tooele	2,060	Giles	1,660	
Uintah	1,900	Giles	1,630	•
Uintah Utah	1,900 10,060	Gloucester	1,630 970	•
Uintah Utah Wasatch	1,900 10,060 1,150	Gloucester Goochland Grayson	1,630 970 2,610	• WASHINGTON
Uintah Utah Wasatch Washington	1,900 10,060 1,150 1,490	Gloucester Goochland Grayson Greene	1,630 970 2,610 710	• WASHINGTON 443,300
Uintah Utah Wasatch Washington Wayne	1,900 10,060 1,150 1,490 370	Gloucester Goochland Grayson Greene Greensville	1,630 970 2,610 710 1,790	443,300
Uintah Utah Wasatch Washington Wayne Weber	1,900 10,060 1,150 1,490 370	Gloucester Goochland Grayson Greene Greensville Halifax	1,630 970 2,610 710 1,790 5,090	
Uintah Utah Wasatch Washington Wayne	1,900 10,060 1,150 1,490 370	Gloucester Goochland Grayson Greene Greensville Halifax Hanover	1,630 970 2,610 710 1,790 5,090 2,310	443,300 Adams 1,950
Uintah Utah Wasatch Washington Wayne Weber	1,900 10,060 1,150 1,490 370	Gloucester Goochland Grayson Greene Greensville Halifax Hanover Henrico	1,630 970 2,610 710 1,790 5,090 2,310 48,810	443,300 Adams 1,950 Asotin 2,320
Uintah Utah Wasatch Washington Wayne Weber	1,900 10,060 1,150 1,490 370	Gloucester Goochland Grayson Greene Greensville Halifax Hanover Henrico Henry	1,630 970 2,610 710 1,790 5,090 2,310 48,810 3,750	Adams 1,950 Asotin 2,320 Benton 3,120 Chelan 8,730 Clallam 5,670
Uintah Utah Wasatch Washington Wayne Weber VERMONT 88,600	1,900 10,060 1,150 1,490 370 11,980	Gloucester Goochland Grayson Greene Greensville Halifax Hanover Henrico Henry	1,630 970 2,610 710 1,790 5,090 2,310 48,810 3,750 580	443,300 Adams 1,950 Asotin 2,320 Benton 3,120 Chelan 8,730 Clallam 5,670 Clark 11,360
Uintah Utah Wasatch Washington Wayne Weber VERMONT 88,600 Addison	1,900 10,060 1,150 1,490 370 11,980	Gloucester Goochland Grayson Greene Greensville Halifax Hanover Henrico Henry Highlan Isle of Wight	1,630 970 2,610 710 1,790 5,090 2,310 48,810 3,750 580 1,890	443,300 Adams 1,950 Asotin 2,320 Benton 3,120 Chelan 8,730 Clallam 5,670 Clark 11,360 Columbia 1,530
Uintah Utah Wasatch Washington Wayne Weber VERMONT 88,600 Addison Bennington	1,900 10,060 1,150 1,490 370 11,980 4,460 5,850	Gloucester Goochland Grayson Greene Greensville Halifax Hanover Henrico Henry	1,630 970 2,610 710 1,790 5,090 2,310 48,810 3,750 580	443,300 Adams 1,950 Asotin 2,320 Benton 3,120 Chelan 8,730 Clallam 5,670 Clark 11,360 Columbia 1,530 Cowlitz 8,650
Uintah Utah Wasatch Washington Wayne Weber VERMONT 88,600 Addison Bennington Caledonia	1,900 10,060 1,150 1,490 370 11,980 4,460 5,850 6,670	Gloucester Goochland Grayson Greene Greensville Halifax Hanover Henrico Henry Highlan Isle of Wight James City King and Queen	1,630 970 2,610 710 1,790 5,090 2,310 48,810 3,750 580 1,890 1,120	443,300 Adams 1,950 Asotin 2,320 Benton 3,120 Chelan 8,730 Clallam 5,670 Clark 11,360 Columbia 1,530 Cowlitz 8,650 Douglass 2,230
Uintah Utah Wasatch Washington Wayne Weber VERMONT 88,600 Addison Bennington	1,900 10,060 1,150 1,490 370 11,980 4,460 5,850	Gloucester Goochland Grayson Greene Greensville Halifax Hanover Henrico Henry Highlan Isle of Wight James City	1,630 970 2,610 710 1,790 5,090 2,310 48,810 3,750 580 1,890 1,120 920	Adams 1,950 Asotin 2,320 Benton 3,120 Chelan 8,730 Clallam 5,670 Clark 11,360 Columbia 1,530 Cowlitz 8,650 Douglass 2,230 Ferry 1,310
Uintah Utah Wasatch Washington Wayne Weber VERMONT 88,600 Addison Bennington Caledonia Chittenden	1,900 10,060 1,150 1,490 370 11,980 4,460 5,850 6,670 11,150	Gloucester Goochland Grayson Greene Greensville Halifax Hanover Henrico Henry Highlan Isle of Wight James City King and Queen King George	1,630 970 2,610 710 1,790 5,090 2,310 48,810 3,750 580 1,890 1,120 920 750	443,300 Adams 1,950 Asotin 2,320 Benton 3,120 Chelan 8,730 Clallam 5,670 Clark 11,360 Columbia 1,530 Cowlitz 8,650 Douglass 2,230 Ferry 1,310 Franklin 1,630
Uintah Utah Wasatch Washington Wayne Weber VERMONT 88,600 Addison Bennington Caledonia Chittenden Essex	1,900 10,060 1,150 1,490 370 11,980 4,460 5,850 6,670 11,150 1,690	Gloucester Goochland Grayson Greene Greensville Halifax Hanover Henrico Henry Highlan Isle of Wight James City King and Queen King George King William Lancaster Lee	1,630 970 2,610 710 1,790 5,090 2,310 48,810 3,750 580 1,890 1,120 920 750 1,110 1,330 4,010	443,300 Adams 1,950 Asotin 2,320 Benton 3,120 Chelan 8,730 Clallam 5,670 Clark 11,360 Columbia 1,530 Cowlitz 8,650 Douglass 2,230 Ferry 1,310 Franklin 1,630
Uintah Utah Wasatch Washington Wayne Weber VERMONT 88,600 Addison Bennington Caledonia Chittenden Essex Franklin	1,900 10,060 1,150 1,490 370 11,980 4,460 5,850 6,670 11,150 1,690 6,990 900 2,700	Gloucester Goochland Grayson Greene Greensville Halifax Hanover Henrico Henry Highlan Isle of Wight James City King and Queen King George King William Lancaster Lee Loudoun	1.630 970 2.610 710 1.790 5.090 2.310 48.810 3.750 1.890 1.120 920 750 1.110 1.330 4.010 3.060	443,300 Adams 1,950 Asotin 2,320 Benton 3,120 Chelan 8,730 Clallam 5,670 Clark 11,360 Columbia 1,530 Cowlitz 8,650 Douglass 2,230 Ferry 1,310 Franklin 1,630 Garfield 970
Uintah Utah Wasatch Washington Wayne Weber VERMONT 88,600 Addison Bennington Caledonia Chittenden Essex Franklin Grand Isle Lamoille Orange	1,900 10,060 1,150 1,490 370 11,980 4,460 5,850 6,670 11,150 1,690 6,990 2,700 4,250	Gloucester Goochland Grayson Greene Greensville Halifax Hanover Henrico Henry Highlan Isle of Wight James City King and Queen King George King William Lancaster Lee Loudoun Louisa	1,630 970 2,610 710 1,790 5,090 2,310 48,810 3,750 580 1,890 1,120 920 750 1,110 1,330 4,010 3,060 1,950	443,300 Adams 1,950 Asotin 2,320 Benton 3,120 Chelan 8,730 Clallam 5,670 Clark 11,360 Columbia 1,530 Cowlitz 8,650 Douglass 2,230 Ferry 1,310 Franklin 1,630 Garfield 970 Grant 1,610
Uintah Utah Wasatch Washington Wayne Weber VERMONT 88,600 Addison Bennington Caledonia Chittenden Essex Franklin Grand Isle Lamoille Orange Orleans	1,900 10,060 1,150 1,490 370 11,980 4,460 5,850 6,670 11,150 1,690 6,990 900 2,700 4,250 5,460	Gloucester Goochland Grayson Greene Greensville Halifax Hanover Henrico Henry Highlan Isle of Wight James City King and Queen King George King William Lancaster Lee Loudoun Louisa Lunenburg	1,630 970 2,610 710 1,790 5,090 2,310 48,810 3,750 580 1,120 920 750 1,110 1,330 4,010 3,060 1,950 1,800	443,300 Adams 1,950 Asotin 2,320 Benton 3,120 Chelan 8,730 Clallam 5,670 Clark 11,360 Columbia 1,530 Cowlitz 8,650 Douglass 2,230 Ferry 1,310 Franklin 1,630 Garfield 970 Grant 1,610 Grays Harbor 16,380 Island 1,780 Jefferson 2,390
Uintah Utah Wasatch Washington Wayne Weber VERMONT 88,600 Addison Bennington Caledonia Chittenden Essex Franklin Grand Isle Lamoille Orange Orleans Rutland	1,900 10,060 1,150 1,490 370 11,980 4,460 5,850 6,670 11,150 1,690 900 2,700 4,250 5,460 11,930	Gloucester Goochland Grayson Greene Greensville Halifax Hanover Henrico Henry Highlan Isle of Wight James City King and Queen King George King William Lancaster Lee Loudoun Louisa Lunenburg Madison	1,630 970 2,610 710 1,790 5,090 2,310 48,810 3,750 580 1,890 1,120 920 750 1,110 1,330 4,010 3,060 1,950 1,800 1,140	443,300 Adams 1,950 Asotin 2,320 Benton 3,120 Chelan 8,730 Clallam 5,670 Clark 11,360 Columbia 1,530 Cowlitz 8,650 Douglass 2,230 Ferry 1,310 Franklin 1,630 Garfield 970 Grant 1,610 Grays Harbor 16,380 Island 1,780 Jefferson 2,390 King 134,090
Uintah Utah Wasatch Washington Wayne Weber VERMONT 88,600 Addison Bennington Caledonia Chittenden Essex Franklin Grand Isle Lamoille Orange Orleans Rutland Washington	1,900 10,060 1,150 1,490 370 11,980 4,460 5,850 6,670 11,150 1,690 900 2,700 4,250 5,460 11,930 10,200	Gloucester Goochland Grayson Greene Greensville Halifax Hanover Henrico Henry Highlan Isle of Wight James City King and Queen King George King William Lancaster Lee Loudoun Louisa Lunenburg Madison Mathews	1,630 970 2,610 710 1,790 5,090 2,310 48,810 3,750 580 1,890 1,120 920 920 750 1,110 1,330 4,010 3,060 1,950 1,800 1,140 1,200	443,300 Adams 1,950 Asotin 2,320 Benton 3,120 Chelan 8,730 Clallam 5,670 Clark 11,360 Columbia 1,530 Cowlitz 8,650 Douglass 2,230 Ferry 1,310 Franklin 1,630 Garfield 970 Grant 1,610 Grays Harbor 16,380 Island 1,780 Jefferson 2,390 King 134,090 Kitsap 9,270
Uintah Utah Wasatch Washington Wayne Weber VERMONT 88,600 Addison Bennington Caledonia Chittenden Essex Franklin Grand Isle Lamoille Orange Orleans Rutland Washington Windham	1,900 10,060 1,150 1,490 370 11,980 4,460 5,850 6,670 11,150 1,690 900 2,700 4,250 5,460 11,930 11,930 11,930 6,860	Gloucester Goochland Grayson Greene Greensville Halifax Hanover Henrico Henry Highlan Isle of Wight James City King and Queen King George King William Lancaster Lee Loudoun Louisa Lunenburg Madison	1,630 970 2,610 710 1,790 5,090 2,310 48,810 3,750 580 1,890 1,120 920 750 1,110 1,330 4,010 3,060 1,950 1,800 1,140	443,300 Adams 1,950 Asotin 2,320 Benton 3,120 Chelan 8,730 Clallam 5,670 Clark 11,360 Columbia 1,530 Cowlitz 8,650 Douglass 2,230 Ferry 1,310 Franklin 1,630 Garfield 970 Grant 1,610 Grays Harbor 16,380 Island 1,780 Jefferson 2,390 King 134,090 Kitsap 9,270 Kittitas 4,680
Uintah Utah Wasatch Washington Wayne Weber VERMONT 88,600 Addison Bennington Caledonia Chittenden Essex Franklin Grand Isle Lamoille Orange Orleans Rutland Washington	1,900 10,060 1,150 1,490 370 11,980 4,460 5,850 6,670 11,150 1,690 900 2,700 4,250 5,460 11,930 10,200	Gloucester Goochland Grayson Greene Greensville Halifax Hanover Henrico Henry Highlan Isle of Wight James City King and Queen King George King William Lancaster Lee Loudoun Louisa Lunenburg Madison Mathews Mecklenburg Middlesex	1.630 970 2.610 710 1.790 5.090 2.310 48.810 3.750 1.890 1.120 920 750 1.110 1.330 4.010 3.060 1.950 1.800 1.140	443,300 Adams 1,950 Asotin 2,320 Benton 3,120 Chelan 8,730 Clallam 5,670 Clark 11,360 Columbia 1,530 Cowlitz 8,650 Douglass 2,230 Ferry 1,310 Franklin 1,630 Garfield 970 Grant 1,610 Grays Harbor 16,380 Island 1,780 Jefferson 2,390 King 134,090 Kitstap 9,270 Kittitas 4,680 Klickitat 2,840
Uintah Utah Wasatch Washington Wayne Weber VERMONT 88,600 Addison Bennington Caledonia Chittenden Essex Franklin Grand Isle Lamoille Orange Orleans Rutland Washington Windham	1,900 10,060 1,150 1,490 370 11,980 4,460 5,850 6,670 11,150 1,690 900 2,700 4,250 5,460 11,930 11,930 11,930 6,860	Gloucester Goochland Grayson Greene Greensville Halifax Hanover Henrico Henry Highlan Isle of Wight James City King and Queen King George King William Lancaster Lee Loudoun Louisa Lunenburg Madison Mathews Mecklenburg	1.630 970 2.610 710 1.790 5.090 2.310 48.810 3.750 580 1.890 1.120 750 1.110 1.330 4.010 3.060 1.950 1.800 1.140 1.200 4.010	443,300 Adams 1,950 Asotin 2,320 Benton 3,120 Chelan 8,730 Clallam 5,670 Clark 11,360 Columbia 1,530 Cowlitz 8,650 Douglass 2,230 Ferry 1,310 Franklin 1,630 Garfield 970 Grant 1,610 Grays Harbor 16,380 Island 1,780 Jefferson 2,390 King 134,090 Kitsap 9,270 Kittitas 4,680 Klickitat 2,840 Lewis 11,150
Uintah Utah Wasatch Washington Wayne Weber VERMONT 88,600 Addison Bennington Caledonia Chittenden Essex Franklin Grand Isle Lamoille Orange Orleans Rutland Washington Windham Windsor	1,900 10,060 1,150 1,490 370 11,980 4,460 5,850 6,670 11,150 1,690 900 2,700 4,250 5,460 11,930 11,930 11,930 6,860	Gloucester Goochland Grayson Greene Greensville Halifax Hanover Henrico Henry Highlan Isle of Wight James City King and Queen King George King William Lancaster Lee Loudoun Louisa Lunenburg Madison Mathews Mecklenburg Middlesex Montgomery	1,630 970 2,610 710 1,790 5,090 2,310 48,810 3,750 580 1,890 1,120 920 750 1,110 1,330 4,010 3,060 1,950 1,140 1,200 4,010 4,010 4,0	443,300 Adams 1,950 Asotin 2,320 Benton 3,120 Chelan 8,730 Clallam 5,670 Clark 11,360 Columbia 1,530 Cowlitz 8,650 Douglass 2,230 Ferry 1,310 Franklin 1,630 Garfield 970 Grant 16,10 Grays Harbor 16,380 Island 1,780 Jefferson 2,390 King 134,090 Kitsap 9,270 Kittitas 4,680 Klickitat 2,840 Lewis 11,150 Lincoln 3,280
Uintah Utah Wasatch Washington Wayne Weber VERMONT 88,600 Addison Bennington Caledonia Chittenden Essex Franklin Grand Isle Lamoille Orange Orleans Rutland Washington Windham Windsor	1,900 10,060 1,150 1,490 370 11,980 4,460 5,850 6,670 11,150 1,690 900 2,700 4,250 5,460 11,930 11,930 11,930 6,860	Gloucester Goochland Grayson Greene Greensville Halifax Hanover Henrico Henry Highlan Isle of Wight James City King and Queen King George King William Lancaster Lee Loudoun Louisa Lunenburg Madison Mathews Mecklenburg Middlesex Montgomery Nansemond Nelson New Kent	1.630 970 2.610 710 1.790 5.090 2.310 48.810 3.750 1.890 1.120 920 750 1.110 1.330 4.010 3.060 1.950 1.890 1.140 1.200 4.010 4.010 1.200 4.010 6.000 6.	443,300 Adams 1,950 Asotin 2,320 Benton 3,120 Chelan 8,730 Clallam 5,670 Clark 11,360 Columbia 1,530 Cowlitz 8,650 Douglass 2,230 Ferry 1,310 Franklin 1,630 Garfield 970 Grant 16,10 Grays Harbor 16,380 Island 1,780 Jefferson 2,390 King 134,090 Kitsap 9,270 Kittitas 4,680 Klickitat 2,840 Lewis 11,150 Lincoln 3,280
Uintah Utah Wasatch Washington Wayne Weber VERMONT 88,600 Addison Bennington Caledonia Chittenden Essex Franklin Grand Isle Lamoille Orange Orleans Rutland Washington Windham Windsor	1,900 10,060 1,150 1,490 370 11,980 4,460 5,850 6,670 11,150 1,690 900 2,700 4,250 5,460 11,930 11,930 11,930 6,860	Gloucester Goochland Grayson Greene Greensville Halifax Hanover Henrico Henry Highlan Isle of Wight James City King and Queen King George King William Lancaster Lee Loudoun Louisa Lunenburg Madison Mathews Mecklenburg Middlesex Montgomery Nansemond Nelson New Kent Norfolk	1.630 970 2.610 710 1.790 5.090 2.310 48.810 3.750 580 1.890 1.120 750 1.110 1.330 4.010 3.060 1.950 1.800 1.140 1.200 4.010 1.200 4.010 1.100 4.230 5.220 4.230 6.204 4.7910	443,300 Adams 1,950 Asotin 2,320 Benton 3,120 Chelan 8,730 Clallam 5,670 Clark 11,360 Columbia 1,530 Cowlitz 8,650 Douglass 2,230 Ferry 1,310 Franklin 1,630 Garfield 970 Grant 1,610 Grays Harbor 16,380 Island 1,780 Jefferson 2,390 King 134,090 Kitsap 9,270 Kittitas 4,680 Klickitat 2,840 Lewis 11,150 Lincoln 3,280 Mason 2,780 Okanogan 5,260 Pacific 4,200
Uintah Utah Wasatch Washington Wayne Weber VERMONT 88,600 Addison Bennington Caledonia Chittenden Essex Franklin Grand Isle Lamoille Orange Orleans Rutland Washington Windham Windsor VIRGINIA 400,200 Accomac	1,900 10,060 1,150 1,490 370 11,980 4,460 5,850 6,670 11,150 1,690 6,990 900 2,700 4,250 5,460 11,930 10,200 6,860 9,490	Gloucester Goochland Grayson Greene Greensville Halifax Hanover Henrico Henry Highlan Isle of Wight James City King and Queen King George King William Lancaster Lee Loudoun Louisa Lunenburg Madison Mathews Mecklenburg Middlesex Montgomery Nansemond Nelson New Kent Norfolk Northampton	1.630 970 2.610 710 1.790 5.090 2.310 48.810 3.750 580 1.890 1.120 920 750 1.110 1.330 4.010 1.950 1.800 1.140 1.200 4.010 1.100 4.230 5.220 2.080 4.7910 2.910	Adams 1,950 Asotin 2,320 Benton 3,120 Chelan 8,730 Clallam 5,670 Clark 11,360 Columbia 1,530 Cowlitz 8,650 Douglass 2,230 Ferry 1,310 Franklin 1,630 Garfield 970 Grant 1,610 Grays Harbor 16,380 Island 1,780 Jefferson 2,390 King 134,090 Kitsap 9,270 Kittias 4,680 Klickitat 2,840 Lewis 11,150 Lincoln 3,280 Mason 2,780 Okanogan 5,260 Pacific 4,200 Pend Oreille 2,040
Uintah Utah Wasatch Washington Wayne Weber VERMONT 88,600 Addison Bennington Caledonia Chittenden Essex Franklin Grand Isle Lamoille Orange Orleans Rutland Washington Windham Windsor VIRGINIA 400,200	1,900 10,060 1,150 1,490 370 11,980 4,460 5,850 6,670 11,150 1,690 6,990 900 2,700 4,250 5,460 11,930 10,200 6,860 9,490	Gloucester Goochland Grayson Greene Greensville Halifax Hanover Henrico Henry Highlan Isle of Wight James City King and Queen King George King William Lancaster Lee Loudoun Louisa Lunenburg Madison Mathews Mecklenburg Middlesex Montgomery Nansemond Nelson New Kent Norfolk	1.630 970 2.610 710 1.790 5.090 2.310 48.810 3.750 580 1.890 1.120 750 1.110 1.330 4.010 3.060 1.950 1.800 1.140 1.200 4.010 1.200 4.010 1.100 4.230 5.220 4.230 6.204 4.7910	443,300 Adams 1,950 Asotin 2,320 Benton 3,120 Chelan 8,730 Clallam 5,670 Clark 11,360 Columbia 1,530 Cowlitz 8,650 Douglass 2,230 Ferry 1,310 Franklin 1,630 Garfield 970 Grant 1,610 Grays Harbor 16,380 Island 1,780 Jefferson 2,390 King 134,090 Kitsap 9,270 Kittitas 4,680 Klickitat 2,840 Lewis 11,150 Lincoln 3,280 Mason 2,780 Okanogan 5,260 Pacific 4,200

Radio	I .	Radio	Radio
Homes		Homes	Homes
Skagit 9,600	Pocahontas	2,650	Marinette 6,260 Marquette 1,820
Skamania 880	Preston	5,740	Milwaukee 170,490
Snohomish 22,990	Putnam	3,190	Monroe 5,370
Spokane 42,220	Raleigh		Oconto 4,460
Stevens 5,310	Randolph	4,720	Oneida 3,200
Thurlson 9,030	Ritchie	3,290	Outagamie
Wahkiakum 1,060	Roane	3,470	Papin 1,390
Walla Walla 7,460	Summers	3,780	Pierce 3,940
Whatcom 16,730	Taylor	4,060	Polk 4,560
Whitman 7,500	Tucker	2,520	Portage 5,950 Price 2,990
Yakima 21,320	Tyler	2,820	Racine
	Upshur	3,680	Richland 3,610
•	Wayne	5,640	Rock 17,340
WEST VIRGINIA	Webster	2,480	Rush 2,760 St. Croix 4,660
	Weztel	4,520	Sauk
348,300	Wirt	1,270	Sawyer 1,570
Barbour 3,920	Wood		Shawano 5,580
Berkeley 5,840	Wyoming	3,800	Sheboygan 15,920
Boone 4,530	•	- 1	Taylor 2,800 Trempealeau 4,140
Braxton 4,060			Vernon 5,050
Brooke 5,300	WISCONSIN		Vilas 1,360
Cabell 20,680	612,700	1	Walworth 6,980
Calhoun 1,900	012,700		Washburn 1,980 Washington 5,140
Clay 2,280	Adams	1,470	Waukesha 10,630
Doddridge 2,130	Ashland Barron	4,010 6,100	Waupaca6,600
Fayette	Bayfield	2,660	Waushara 2,690
Gilmer 2,010	Brown	14,030	Winnebago 17,220 Wood 7,290
Grant 1,610	Buffalo	2,730	W 80d
Greenbrier 6,790	Burnett	1,820 2,940	•
Hampshire 2,420	Chippewa	6,460	
Hancock 5,790	Clark	5,700	WYOMING
Hardy 1,850	Columbia	6,540	49,800
Harrison 16,850	Crawford	3,080 24,700	·
Jackson 3,190	Dodge		Albany 2,950 Big Horn 2,180
Jefferson 3,400	Door	3,360	Campbell
Kanawha 32,280		10,120	Carbon 2,620
Lewis 4,350	Dunn Eau Claire	5.000] 8,950	Converse 1,500 Crcok 1,020
Lincoln 3,240	Florence	670	Fremont 2,310
Logan 10.870	Fon du Lac		Goshen 2,180
McDowell 16,380	Forest	1,790	Hot Springs 1,307
Marion 14,530	Grant	7,720	Johnson 1,010 Laramie 5,950
Marshall 8,290	Green Lake	4,680 3,010	Laramie 5,950 Lincoln 2,180
Mason 4,190	Iowa	3,860	Natrona 6,380
11.000	Iron	1,750	Niobrara
Mercer 11,830	11011		
Mineral 4,170	Jackson	2,830	Park 1,800
	Jackson	2,830 8,270	Platte 1,890
Mineral 4,170	Jackson Jefferson Juneau	2,830	
Mineral 4,170 Mingo 6,960	Jackson Jefferson Juneau Kenosha Kewaunee	2,830 8,270 3,320 14,040 2,880	Platte 1,890 Sheridan 3,850 Sublette 380 Sweetwater 4,350
Mineral 4,170 Mingo 6,960 Monongalia 10,960	Jackson Jefferson Juneau Kenosha Kewaunee Le Crosse	2,830 8,270 3,320 14,040 2,880 11,970	Platte 1,890 Sheridan 3,850 Sublette 380 Sweetwater 4,350 Teton 390
Mineral 4,170 Mingo 6,960 Monongalia 10,960 Monroe 2,300	Jackson Jefferson Juneau Kenosha Kewaunee Le Crosse Lafayette	2,830 8,270 3,320 14,040 2,880 11,970 3,500	Platte 1,890 Sheridan 3,850 Sublete 380 Sweelwater 4,350 Teton 390 Uinta 1,290
Mineral 4,170 Mingo 6,960 Monongalia 10,960 Monroe 2,300 Morgan 1,790	Jackson Jefferson Juneau Kenosha Kewaunee Le Crosse	2,830 8,270 3,320 14,040 2,880 11,970	Platte 1,890 Sheridan 3,850 Sublette 380 Sweetwater 4,350 Teton 390
Mineral 4,170 Mingo 6,960 Monongalia 10,960 Monroe 2,300 Morgan 1,790 Nicholas 3,540	Jackson Jefferson Juneau Kenosha Kewaunee Le Crosse Lafayette Langlade Lincoln	2,830 8,270 3,320 14,040 2,880 11,970 3,500 3,940	Platte 1.890 Sheridan 3.850 Sublette 380 Sweelwater 4.350 Teton 390 Uinta 1.290 Washakie 790 Weston 990 Yellowstone 990
Mineral 4,170 Mingo 6,960 Monongalia 10,960 Monroe 2,300 Morgan 1,790 Nicholas 3,540 Ohio 17,760	Jackson Jefferson Juneau Kenosha Kewaunee Le Crosse Lafayette Langlade Lincoln Manifowoc	2,830 8,270 3,320 14,040 2,880 11,970 3,500 3,940 4,140	Platte 1.890 Sheridan 3.850 Sublette 380 Sweetwater 4.350 Teton 390 Uinta 1.290 Washakie 790 Weston 990



THE TECHNICAL SIDE



1938 —————1939



Technical Advances in Broadcasting ☆ For the Year 1938 ☆

By

E. K. COHAN

Director of Engineering, Columbia Broadcasting System

It is somewhat difficult to estimate the progress in broadcasting during the year 1938 from the engineering standpoint because as an industry approaches maturity the technical advances tend to become less spectacular, less dramatic. Technical improvements in broadcasting now are becoming refinements. We are attempting to make an exact science out of what has heretofore been an art.

We have long known, for example, that aerials would radiate radio waves, but more recently have we learned how to control and direct them to given listening areas with the highest efficiency. We have long known that by treating a studio we could make it sound "brilliant" or make it sound "dead." But only recently have we learned how to "build a room on paper" that will, when constructed, possess the desired acoustical characteristics. In short, we are rapidly reaching the stage where we are tying together the loose ends of an operation that was necessarily long conducted on a potluck basis. Our "guestimates" are becoming accurate predictions.

Many of these refinements are matters which the listener, although he could notice them if they were called to his attention, might not necessarily be aware of. Among these are improved signal strength, improved quality of transmission, and improved operating efficiency. Practically all radio sets now contain an automatic variable amplifier which provides less power for a strong signal than for a weak one. Therefore the owner of such a set is only conscious of increased signal strength in its relation to the amount of electrical interference also picked up by his receiver, if and when this occurs.

Another improvement in signal strength is due to the introduction of the "peak" limiting amplifier which "chops off" the overloads that blast, and makes it possible for the softer tones to be heard more distinctly.

Nor is the listener likely to be conscious of better program quality, because fidelity characteristics of broadcasting have been improved so much that they are usually superior to the ability of many receivers to reproduce them. It must be borne in mind that we transmit that quality right to the listener's aerial. It is there that the trouble begins. High fidelity is really an expansion of the musical range, comparable to increasing the number of octaves in the scale. But the cheaper the set, the narrower the bottle neck through which this range attempts to pass, and here the psychological factor on the part of the set owner enters in. Curiously enough, the listener has a tendency to become proud of the age of his set. He likes to point with pride to the fact that he has had his set so many years, and that the tubes still "light up." He does not realize that although the tubes in his set still burn, they may have lost nearly all their life, since their function depends upon the number of electrons given off as the filament is heated, and the tube gives off fewer electrons as it increases in age. Thus, without knowing it, the listener may be depriving himself of 50 to 90 per cent of the enjoyment he could otherwise get out of his radio if he would invest in an up-to-date set.

This peculiar trait of human nature is also shown in the affection that a person is apt to have for his old automobile. However, there is this difference: the owner of the old automobile has a daily opportunity to test his car in comparison with his neighbor's; but the owner of an old radio set has no such opportunity for direct comparison with his neighbor's newer receiver. If he did, he might be amazed at the difference in performance.

Another matter which the listener is inclined to take for granted is the simple, every-day fact that when he tunes in his set, radio programs will be immediately

and constantly available to him. One thing I continue to marvel at is the extraordinary degree of continuity and service in broadcasting, in view of the innumerable possibilities of breakdown. Consider that the amount of energy created when sound impinges against a

its strength by the time it receives the necessary amplification and is transmitted by a 50 kw. station; then when one pauses to think of the innumerable cables, jacks, plugs, switches, vacuum tubes, and the tens of thousands of various contacts through which it must pass, the breakdown in any one of which would throw the program off the air, one can realize the extent of this efficiency. And to that must be added the possibilities of power line failure, wire line failure, and even water failure in the system used to cool the high power vacuum tubes used in the transmitter. And even then we have not taken into consideration the possibility of hu-man error. In spite of all these factors, the last available annual figures for Columbia's stations show that the percentage of total failures was only .07919 per cent of the total time on the air. However, this remaining percentage of failure can be very important, particularly when one considers that it might occur during a broadcast of an event of international importance being listened to by upwards of 50,000,000 people. It is for that reason that we spend many hours and much energy trying to reduce this infinitesimal figure to an even lower one.

It is difficult to confine any technical advancements to the limited period between January 1st and December 31st, because the developments which emerge in the open are so often dependent on long scientific research and laboratory experiment, but there have been other developments in addition to those already mentioned, which should be briefly touched upon. Along with our general ability to control acoustics through exact planning of studio characteristics, the year has seen an increased usage of echo chambers and related means of controlling reverberation, thus widening the acoustical scope or perspective of pro-

The year has also seen greatly increased activity in the field of international broadcasting by those of us who are rendering this type of service. This is something that the American listener is not likely to be aware of because stations now engaging in international short wave broadcasting employ directional antennas to concentrate the waves to those countries or sections of the world to which they wish to transmit. Accordingly, while the American owner of a short wave set hears

what other nations are doing in short wave broadcasting, he does not get a true picture of what his own country is doing, because we are literally and purposely sending signals "over his head." It is well then to bring attention to the fact that American short wave stations which once did little more than relay programs of their own domestic broadcast station or network, are now carrying programs especially designed to appeal to the foreign audience, including daily world news and other programs being transmitted in half a dozen different tongues. Increases in power, improved operations, greater antenna efficiencies, and more flexible and increased transmitting schedules have all combined to make the services of American short wave stations much greater than that rendered a year ago.

It might be well to look at the short wave picture a moment through the other end of the telescope. In the past year the Vienna and Czechoslovakia crises vividly brought home to the American listener the degree to which short wave radio has shrunk the world. It is not universally known that there are no telephone cables between America and Europe. All transatlantic broadcasts can only be transmitted and received by means of radio. The same is equally true of programs from and to Central and South America, Honolulu, the Philippines, and the Orient. The apparent ease—and I say "apparent" advisedly-with which the networks now switch to the capitals of Europe is the best indication of the intensive engineering which has been going on behind the scenes to make these things possible.

Another aspect of these technical developments which is of considerable significance is the ability to make instantaneously available to all our people important news of the world. This is the best indication of the value and efficiency, particularly in time of emergency or need, of the radio broadcasting facilities we possess.

As we start into the new year, the things which are ahead in radio naturally come to mind. While television and facsimile are more in the future than in the past, they have been receiving their rightful share of midnight oil. The year will see as much activity in these fields as was seen in the early days of broadcasting. In years to come, the average man's television or facsimile set will take its place beside his radio set as an integral part of his household and his daily life as his radio is today. If these new adjuncts have seemed to be long in emerging from the laboratory, it can be said with emphasis that the caution being exercised in seeing that the major problems are worked out before the public invests large sums of money can only react in the long run to the public's benefit.

INSTITUTE OF RADIO ENGINEERS

330 WEST 42nd ST., NEW YORK CITY

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History

On May, 13, 1912, the Institute of Radio Engineers was formed through the merging of two organizations active in the technical radio field. One of these was the Wireless Institute, the headquarters of which was in New York City and the other which was located in Boston was known as the Society of Wireless Telegraph Engineers. The former organization had a membership of fourteen at the start of 1909 and twenty-seven on January 1, The Society of Wireless Telegraph Engineers had eleven members on the first day of 1907 and forty-three on January 1, 1912. At the time of its foundation, the Institute of Radio Engineers had fewer than fifty mem-

Prominent in the early work of the Society of Wireless Telegraph Engineers were John Stone Stone, Lee de Forest, and Fritz Lowenstein. Those identified with the initial work of the Wireless Institute included John S. Murphy, R. A. Somerville, Joseph D.

Fountain, R. B. Respress, R. A. Cleva, John Gregg, E. Barnwell, Philip Farnsworth, Sidney L. Williams, R. H. Marriott, G. W. Pickard, Harry Shoemaker, and Eugene Thurston. The consolidation of these two societies and the initial work of organizing the Institute of Radio Engineers were done by Alfred N. Goldsmith, J. V. L. Hogan, and R. H. Marriott.

General

The Institute of Radio Engineers functions solely to advance the art and science of radio communication. It includes among its members those who have played prominent parts in the development of radio in the United States as well as many noted radio engineers and scientists in other countries.

Membership in the Institute is strictly personal and several grades have been established. The requirements for admission to these grades is contained in the Institute's Constitution and the eligibility of the applicant is passed on by the Board of Directors.

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Appleby, Thomas Southern Bldg. Washington, D. C.

Appleby, Thomas Southern Bldg. Washington, D. C.

Barron, John H. Earle Building Washington, D. C.

Bendix Radio Corp. 60 E. 25th St.

Chicago, Ill.

Burnett, William W. L.

4814 Idaho St.
Can Diego, Calif.

Cieferskor, J. R. 247 E. 43rd St. New York, N. Y.

Comm. Development Corp. 130 Cedar St.

New York, N. Y. Crossley, Alfred 154 E. Erie St. Chicago, Ill.

Cullum, A. Earl, Jr. 2935 North Henderson Ave. Dallas, Texas.

de Mers, Paul A. 21 Brookline Avenue Boston, Mass.

DeWitt, J. H.
In care of Station WSM
Nashville, Tenn.

Doolittle & Falknor, Inc. 7421 S. Loomis Blvd. Chicago, Illinois.

Edwards & Martin
Union Guardian Bldg.
Detroit, Mich.

Everitt, W. L. (E.E., Ph.D.)

Communication Laboratory
The Ohio State University
Columbus, Ohio.

Feikert, Grant S.
Oregon Argicultural College
Corvallis, Oregon.

Felix, Edgar H. 7 W. 44th St. New York, N. Y. Finch Labs., Inc. 37 W. 57th St. New York, N. Y.

Foss, William L. 815 -15th St., N. W. Washington, D. C.

Gillett, Glenn D. National Press Building Washington, D. C.

Globe Radio Labs. 20 W. 22nd St. New York, N. Y.

Godley, Paul F. 10 Marion Rd. Montclair, New Jersey.

Goldsmith, Dr. Alfred N. 444 Madison Ave. New York, N. Y.

Grimwood, Fred O. Evansville, Indiana.

Hazeltine Service Corp. 333 W. 52nd St. New York, N. Y.

Hogan, John V. L. 730 Fifth Ave. New York, New York.

Holey, W. J. (Holey & Rollins) 1368 Northview Ave., N. E. Atlanta, Ga.

International Electronics Inc. 630 Fifth Ave. New York, N. Y.

Jansky & Bailey
National Press Building
Washington, D. C.

Kiebert, Martin V. 66 Cobb Building Seattle, Washington.

Martin, R. D. 7 Howard St. Spokane, Wash.

McCreary, Harold J. 105 W. Adams St. Chicago, 111.

McNary & Chambers
National Press Building
Washington, D. C.

Marriott, Capt. Robert H. 1470 East 18th Street Brooklyn, New York.

Mashbir, Col. Sidney F.
Washington Institute of Tec.
College Park, Maryland

McLachen Building Washington, D. C. Page, E. C., and Davis, Geo. 1311 Livingston Street Evanston, Illinois.

Munsey Building Washington, D. C.

Parrish, Robert B.
5155 South Gramercy Place
Pacific Engineering Co.
Los Angeles, Calif.

Paust, L. R. 2725 N. St. Louis St. Chicago, Ill.

Peterkin, Ernest P.
Peterkin Radio Laboratories
13176 Manor Avenue
Detroit, Michiaan.

Pickard, Dr. Greenleaf Whittie Seabrook Beach, N. H.

Radio Patents Corp. 10 E. 40th St. New York, N. Y.

Radio Service Engineers 1369 E. 57th St. Chicago, Ill.

Rhine, Arthur E. 158 W. 230th St. New York, N. Y.

Singleton, H. C.
In care of Station KGW
615 Alder Street
Portland, Oregon.

Skifter, Hector R. St. Paul Hotel St. Paul, Minn.

Steele, W. Arthur 56 Sparks St. Ottawa, Ont., Canada.

Technidyne Corp. 524 Broadway New York, N. Y.

United Transformer Corp. 72 Spring St. New York, N. Y.

Van Nostrand, W. P. O. Box 50, Station E Atlanta, Georgia.

Wilmotte, Raymond M. 730 Fifth Ave. New York, N. Y.

Wilson, H. L. 260 East 161st Street New York, N. Y.

RADIO PATENTS IN 1938

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JOHN B. BRADY

Counsellor at Law, Washington, D. C.

The outstanding patent decision of the year was rendered by the Supreme Court of the United States, May 2, 1938, in the case of General Talking Pictures Corporation v. Western Electric Company, Inc. which was affirmed after rehearing by a majority opinion. Under the facts of this case, the Court held that purchases of amplifiers from a restricted licensee under the patents, infringed the patents by use of the aniplifiers for purposes beyond the scope of the restriction. In this case it developed that General Talking Pictures Corporation had purchased amplifiers from a licensee under the patents only empowered to sell such amplifiers for radio amateur reception, radio experimental reception and radio broadcast reception. The use of such amplifiers in talking picture installations in theaters was held to be outside the scope of the license. A dissenting opinion was filed by Mr. Justice Black and Mr. Justice Reed. The patents involved relate principally to direct or impedance coupled circuits for amplifier systems, that is, Lowenstein patent 1,231,764, for Nega-Arnold patents 1,329,283, tive Bias; 1,403,475, 1,448,550, 1,465,332 1.520.994; and Mathes patent 1.426.-754.

This series of patents and others were the subject of numerous patent suits by Radio Corporation of America during the year. In the District Court for the Southern District of California at Los Angeles, Radio Corporation of America litigated Arnold patent 1,403,475, on Impedance Coupling; Wilson patent 1,403,-932 on Biasing Resistors; DeForest patents 1,507,016 and 1,507,017 on Oscillation Systems; Lowenstein patent 1,618,-017 for Tuning Control Systems; Lemmon patent 1,702,833 for Condensers; Round patent 1,811,095 on Amplifiers and Detectors; and Reissue patent 18,-578 to Ballantine and Hull for Demodulator and Method of Demodulation, against Low Radio Company. The litigation was extended to include the Chamberlain multiple condenser patent 1,573,374; the Kellogg Sound Reproducer patents 1,707,617 and 1,795,214; the Rice and Kellogg Loud Speaker patents 1,728,879 and 1,894,197; and the

Sagle slotted plate patent 2,052,316 for adjusting the capacity range of variable condensers. A consent decree was entered in the Low Radio Company litigation holding the patents valid and

infringed.

In the United States District Court for the Northern District of Illinois, Radio Corporation of America sued Music Master, Inc. under this same group of patents, including also Heising patent 1,936,162 on Transmission Systems. Litigation under the same patents and others was pursued by Radio Corporation of America in the District Court for the Southern District of New York Luxor Radio Manufacturing This latter litigation also Company. involved Mathes patents 1,531,805 and 1,658,346 on Oscillation Generators and Amplifiers; Loewe patent 1,596,198 on System for Generating Oscillations: Llewellyn patent 1,896,780 on Modulating Device; Vreeland patents 1,239,852 and 1,544,081 on Radio Receiving and Transmitting Systems.

General Electric Company also sued Luxor Radio Manufacturing Company in the District Court for the Southern District of New York under the Kellogg 1,795,214 and 1,707,617 on Sound Reproducers. The same group of patents were litigated by Radio Corporation of America against Federal Radio & Television Company in the District Court for the Northern District of California, at San Francisco, resulting in an injunction against defendants on May 16, 1938. Radio Corporation of America was successful in obtaining a consent decree under this group of pat-ents in litigation in the District Court for the Southern District of New York against J. & L. Sara Company, Inc.

In the District Court for the Northern District of Illinois, Radio Corporation of America litigated this same group of patents against Lake Sales Radio Company, Inc. resulting in an in-

junction on February 21, 1938. Western Electric Company sued Lansing Manufacturing Company in the District Court for the Southern District of California, at Los Angeles, under the Wente Loud Speaker patents 1,707,545, 1,992,268 and 2,037,187; and the Harrison Sound Reproducer patents 1,730,-425 and 1,734,624. In the same Court Western Electric Company sued Bristow & Company under DeForest patents, 1,507,016 and 1,507,017 on the Oscillator.

Western Electric Company, also pursued Cinema Supplies, Inc. in the United States District Court at Minneapolis, Minnesota, under the same patents involved in the General Talking Pictures Company litigation.

Western Electric Company, Inc. were plaintiffs in an action in the District Court at Trenton, New Jersey, against Biophone Corporation involving Heising patent 1,432,022, for Circuit Connections for Electron Tube Circuits; Blattner patents 1,483,273 and 1,493,595, for Filament Heating Circuits for Tubes and Electron Tube Amplifiers; and Arnold patents 1,465,332, for Electron Tube Amplifiers, and 1,504,537, for Power Limiting Amplifying Device.

During the year the litigation between Radio Corporation of America and Mackay Radio & Telegraph Company, Inc. under the Carter patents 1,623,996, 1,909,610 and 1,974,387 on Radio Transmission Circuits and Antenna; and the Lindenblad patents 1,884,006 and 1,927,522 advanced to hearing before the Supreme Court of the United States and upon which decision at the close of the year is now being awaited.

The Hazeltine Corporation litigation against Radio Corporation of America in the District Court for the District of Delaware, terminated under Wheeler patents 1,951,695, Peak Detector, and 2,041,273; and Reissue patent 19,744, Amplifier Volume Control.

Hazeltine Corporation sucd Detrola Radio & Television Corporation under Wheeler Volume Control Reissue patent 19,744 in the District Court for the Eastern District of Michigan, at Detroit, on March 3, 1938. In the same Court on February 15, 1938, Hazeltine Corporation had sued Sparks-Withington Company under this same patent. Litigation under the Wheeler patents 1,951,685 and 2,041,273; and the Mac-Donald patents 2,022,514 and 1,913,604 by Hazeltine Corporation against General Electric Company terminated in the United States District Court of Maryland, at Baltimore, Maryland, on May 20, 1938.

The litigation between Frank L. Dyer and R.C.A. Victor Company, in the United States District Court, at Trenton, New Jersey, on the phonograph

record patents 1,570,297, 1,726,546 and 1,783,498 terminated February 8, 1938. Mr. Dyer's suit against Decca Records, Inc. in the District Court for the Southern District of New York was terminated april 15, 1938.

Litigation on the Ruben Electrolytic Condenser patents 1,710,073 and 1,714,-i91 was brought to a close against Universal Music Company in the District Court for the Southern District of California, and against E. B. Latham & Company, and also a suit against Cosmic Condenser Corporation in the District Court for the Southern District of New York. Litigation under Ruben patent 1,891,207, for Electrolytic condenser terminated in the United States District Court of Maryland, at Baltimore, Maryland, against Sun Radio & Service Supply Corporation.

William G. Finch pursued litigation against International Research Laboratories, Inc. in the District Court for the District of Delaware under Finch patents 2,047,863, Telecommunications System; 2,048,604, Electromagnetic Coupling Device; and 2,066,463, Electrostatic Telecommunication System:

Litigation continued under the R. A. Fessenden patents 1,617,240, for Method of Directive Signaling, and 1,617,242 for Wireless Transmission and Reception, which has been in litigation for some years in the District Court at Delaware against Radio Corporation of America. An appeal was filed in the Third Circuit Court of Appeals by the Fessenden interests from an adverse decision in the District Court.

Nakken Patents Corporation sued Western Electric Company, Inc. on October 1, 1938 in the Southern District of New York under Nakken patents Re. 16,870 and 1,889,758 on Means for Transforming Light Impulses into Electric Current Impulses.

Johnson Laboratories, Inc. sued Andrea Radio Corporation in the District Court for the Eastern District of New York on August 29, 1938 under the Polydoroff patent 1,982,690, for Selective Radio Circuit.

Amy, Aceves & King, Inc. sued, on October 19, 1938, Birnbach Radio Company, Inc. in the District Court for the Southern District of New York under patent 1,920,162, for Radio Aerial Attachment.

The year was one continued round of radio patent litigation, radio patentees asserting their rights under the benefits accorded by the patent laws.

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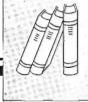


RADIO BUYING GUIDE



WHAT TO BUY
AND
WHERE TO BUY IT





ACOUSTICAL PRODUCTS AND SERVICE

Amplion Products Corp., 38 West 21st St., N. Y. C. Armstrong Cork Products Co., Lancaster, Pa.

Atlantic Gypsum Products Co., 40 Central Street, Boston, Mass.

Color-Tone, Inc., South Bend, Ind.

Celotex Corp., 919 No. Michigan Ave., Chicago.

Cork Insulation Co., Inc., 155 E. 44th St., N. Y. C. Electrical Research Products, Inc., 250 W. 57th St., New York, N. Y.

Ferro Building Products Co., 360 Lexington Ave., N. Y. C.

General Insulating & Mfg. Co., Alexandria, Ind.

General Insulating Products Co., 8821 15th Ave., Brooklyn, N. Y.

Insulite Co., 1100 Builders Exch., Minneapolis, Minn.

International Balsa Co., Jersey City, N. J. Johns-Mansville Co., 22 E. 40th St., New York,

N. Y. Keasbey & Mattison Co., Ambler, Pa.

National Gypsum Co., 192 Delaware Ave., Buffalo,

National Rug Mills, Inc., 2494 S. 5th St., Milwaukee, Wis.

Northwest Magnesite Co., Pittsburgh, Pa.

RCA Manufacturing Co., Inc., Camden, N. J.

S. O. S. Corp., 1600 Broadway, N. Y. C.

Scholes, Wm. & Sons, Inc., 2nd and Indiana Ave., Philadelphia, Pa.

Shure Bros., 225 W. Huron St., Chicago, III.

Shugart, Harold E. Co., 7470 Santa Monica Blvd., Los Angeles, Calif.

Slater Co., The, Inc., 300 W. Austin Ave., Chicago, III.

Sugar, S. S., 5 East 57th Street, N. Y. C.

Union Fibre Co., Inc., Winona, Minn.

Union Fibre Sales Co., 205 E. 42nd St., N. Y. C.

Universal Gypsum & Lime Co., 192 Delaware Ave., Buftalo, N. Y.

Upson Co., Lockport, N. Y.

U. S. Gypsum Co., 300 W. Adams St., Chicago. Volf, Christian A., 1482 Broadway, N. Y. C.

Webster Electric Co., 100 Varick St., New York,

N. Y. Western Electric Co., 195 Broadway, N. Y. C.

Western Felt Works, 4115 Ogden Ave., Chicago. Wood Conversion Co., First Nat'l Bank Bldg., St. Paul, Minn.

AERONAUTICAL RADIO EOUIPMENT

Bendix Radio Corp., 230 Park Ave., N. Y. C. General Electric Co., Schenectady, N. Y.

Harvey Radio Labs., Cambridge, Mass.

Lear Developments, Inc., Roosevelt Field, Mineola, L. I.

Radio Frequency Labs., Inc., Boonton, N. J. Wilcox Electric Co., 1014 W. 37th St., Kansas City,

Western Electric Co., 195 Broadway, N. Y. C.

AMPLIFIERS

A-C Masterpack Co., Duncan, Okla.

Acme Sound Co., 2758 Broadway, N. Y. C.

Allied Recording Co., 126 W. 46th St., N. Y. C.

American Transformer Co., 178 Emmett St., Newark, N. J.

Amplifier Co. of America, 37 W. 20th St., N. Y. C. Amplifier Engineering Co., 49 Church St., Boston, Mass.

Amplion Products Corp., 38 West 21st Street, N. Y. C.

Atlas Sound Corp., 1451 39th St., Brooklyn, N. Y.

Audio Development Co., S. Minneapolis, Minn. Audio Products Co., Los Angeles, Calif.

Audio Research, Inc., 105 E. 16th St., N. Y. C.

Audiomatic Radio Mfg. Co., 122 Brookline Ave., Boston, Mass.

Bell Sound Systems, Columbus, Ohio.

Blue Seal Sound Devices, Inc., 723 Seventh Ave., New York, N. Y.

Burstein-Applebee, 1012 McGee Street, Kansas City, Mo.

Canady Sound Appliance Co., 19570 S. Sagamore Rd., Rocky River P. O., Cleveland, O.

Cinema Sound Equipment Co., 8572 Santa Monica Blvd., Hollywood, Cal.

Collins Radio Co., 2920 First Ave., Cedar Rapids, Ia. Daniel Electrical Labs., N. Y. C.

DeVry, Herman A., Inc., 1111 Center Street, Chicago.

Duhem, M. P. Mfg. Co., 135 Hayes St., San Francisco, Cal.

Electrical Research Products, Inc., 250 W. 57th St., N. Y. C.

Electro-Acoustic Product Co., Ft. Wayne, Indiana. Electronic Design Corp., Chicago, III.

Espey Mfg. Co., 67 Irving Place, N. Y. C.

Federated Purchaser, Inc., 25 Park Place, New York, N. Y.

Gates Radio & Supply Co., Quincy, III.

Good-All Electric Mfg. Co., Ogallala, Neb.

Hirsch, Gustav, Organization, 209 S. Third St., Columbus, O.

Lafayette Radio Mfg. Co., 100 Sixth Ave., N. Y. C. Lincrophone Co., Inc., 1661 Howard Ave., Utica, N. Y.

Mellaphone Corp., 65 Atlantic Ave., Rochester, N. Y.

Miles Reproducer Co., Inc., 112 W. 14th St., New York, N. Y.

Morlen Electric Co., Inc., N. Y. C.

Motiograph, Inc., 4431 W. Lake St., Chicago.

Motion Picture Accessory Co., 2200 S. Vermont Ave., Los Angeles.

Operadio Mfg. Co., St. Charles, III.

Pacent Engineering Corp., 79 Madison Avenue, N. Y. C.

Picture-Fone Co., 212 W. North St., Lima, O. Piezoelectric Laboratories, 612 Rockland Ave., New

Dorp, S. I., N. Y.
Flatter Sound Products Corp., North Vernon, Ind.
Prosto Recording Corp., 139 W. 19th St., N. Y.

RCA Manufacturing Co., Inc., Camden, N. J. Radio Installation Co., 1357 N. Gordon Ave., Hollywood, Cal.

Radio Industries of Canada, Ltd., 120 Fort St., Winnipeg.

Radio Receptor Co., 106 7th Ave., N. Y. C. Radiotone, 7356 Melrose Avenue, Hollywood, Calif. Radolek Co., Chicago, Illinois.

Rauland Corp., 3341 Belmont Ave., Chicago.

Raytheon Mfg. Co., Waltham, Mass.

Remler Co., Ltd., San Francisco, Calif.

Ross, Charles, Inc., 244-250 W. 49th St., N. Y. C.

Roth-Downs Mfg. Co., 2233 University Ave., St.

Royal Zenith Sound Projectors, Inc., 33 W. 60th St., N. Y. C.

Silver Marshall, Inc., 6401 W. 65th Clearing, Chicago.

S. O. S. Corp., 1600 Broadway, New York City. Sound Projects Co., 3140 N. Walton Avenue, Chicago, III.

Sound Systems, Inc., Cleveland, Ohio.

Stromberg-Carlson Telephone Mfg. Co., 100 Carlson Road, Rochester, N. Y.

Thordarson Electric Mfg. Co., Chicago, III.

Toledo Sound Equipment Labs, 1215 Jackson St., Toledo, O.

United Transformer Corp., 72 Spring St., N. Y. C. Van Sickle Radio Co., 1113 Pine St., St. Louis, Mo. Weber Machine Corp., 59 Rutter St., Rochester, N.Y.

Webster Co., 3825 W. Lake St., Chicago, III.

Webster Electric Co., 100 Varick St., N. Y. C.

Webster Electric Co., Racine, Wisc.

Wenzel Co., 2059 S. State St., Chicago, III.

Western Electric Co., 195 Broadway, N. Y. C.

Wilcox Electric Co., 1014 W. 37th Street, Kansas City, Mo.

ANTENNAS

Andrew, Victor J., 7221 S. Francisco Ave., Chicago, III.

Birnbach Radio Co., 145 Hudson St., N. Y. C.

Blaw-Knox Co., P. O. Box 1198, Pittsburgh, Pa.

F. & H. Radio Labs, Fargo, N. D. Hoke Vertical Radiator Co., 219 Bollingbrook St.,

Petersburg, Va. International Derrick & Equipment Co., 875 Mich-

igan Ave., Columbus, Ohio.

Johnson, E. F. Co., Waseco, Minn.

Radiart Corp., Shaw Ave., and E. 133rd St., Cleve-

Technical Appliance Corp., 17 E. 16th St., N. Y. C. Washington Institute of Technology, Washington, D. C.

ANTENNA EQUIPMENT

Bendix Radio Corp., Washington, D. C. Birnbach Radio Co., 145 Hudson St., N. Y. C.

General Electric Corp., Schenectady, N. Y.

Gits Molding Corp., 1848 S. Kilbourn Ave., Chicago, III.

Isolantite, Inc., 233 Broadway, N. Y. C.

Jacobs, Charles F., 270 Lafayette St., N. Y. C.

Johnson Co., E. F., Waseca, Minn.

Lapp Insulator Co., Gilbert St., Leroy, N. Y. Locke Insulator Corp., South Charles and Cromwell, Baltimore, Md.

Muter Co., 1255 S. Michigan Ave., Chicago, III. Quam-Nichols Co., 33rd Place and Cottage Grove Ave., Chicago. III.

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1939 BUYING GUIDE

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American Bridge Co., Pittsburgh, Pa.

Beasley Construction Co., John F., P. O. Box 1547, Muskogee, Okla.

Hartenstine-Zane Co., Inc., 225 Broadway, N. Y. C. Lehigh Structural Steel Co., 17 Battery Place, N. Y. C.

New Jersey Erectors, 346 Broadway, Newark, N. J.

ANTENNA SURVEYS

RCA Mfg. Co., Inc., Camden, N. J. Skifter, Hector R., St. Paul, Minn.

ATTENUATORS

Audio Products Co., Los Angeles, Calif.

Centralab Division, Globe Union M.fg. Co., 900 E. Keefe Ave., Milwaukee, Wis.

Clarostat Mfg. Co., 285 North Sixth St., Brooklyn,

Collins Radio Co., 2921 First Ave., Cedar Rapids, Ia. Daven Co., The, 158 Summit St., Newark, N. J. Ferrante Electric, Inc., 30 Rockefeller Plaza, N. Y. C.

General Radio Co., 30 State St., Cambridge, Mass. International Resistance Co., 401 N. Broad St., Philadelphia, Pa.

Ohmite Mfg. Co., Chicago, III.

Remler Co., Ltd., 19th and Bryan Sts., San Fran-cisco. Cal.

Tech Laboratories, 7 Lincoln St., Jersey City, N. J.

AUDIO-FREQUENCY AMPLIFIERS

Allied Radio Corp., 833 W. Jackson Blvd., Chicago,

Emar Instrument Corp., 29 W. 57th St., N. Y. C. Forest Sound Systems, 776 Forest Ave., New York City.

Gates Radio & Supply Co., Quincy, III.

General Radio Co., 30 State St., Cambridge, Mass. General Transformer Corp., 500-532 S. Throop St., Chicago, III.

Hollywood Electric Transcriber Mfg. Co., 1512 W. Slauson Ave., Los Angeles, Cal.

RCA Mfg. Co., Camden, N. J.

Radio Engineering & Mfg. Co., 26 Journal Square, Jersey City, N. J.

Radio Television Industries Corp., 2 Linden St., Reading, Mass.

Radolek Co., Division of Walter C. Braun, Inc., 601 W. Randolph St., Chicago, III.

Raytheon Mfg. Co., 190 Willow St., Walton, Mass. Sundt Engineering Co., 4238 Lincoln Ave., Chicago, III.

United Sound Engineering Co., 2233 University Ave., St. Paul, Minn.

United Transformer Corp., 72 Spring St., N. Y. C. Vibro-Master Co., 2744 Broadway, N. Y. C.

Webster Electric Co., Racine, Wis.

Western Electric Co., 195 Broadway, N. Y. C.

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Bond Electric Corp., 146 Munson St., New Haven. Conn.

Bright Star Battery Co., Clifton, N. J.

Burgess Battery Co., Freeport, III.

Edison, Thomas A., Inc., Edison Storage Battery Division, West Orange, N. J.

Electric Storage Battery Co., 19th and Allegheny Aves, Philadelphia.

Eveready Battery Co.

General Dry Batteries, Inc., Cleveland, Ohio. Globe-Union, Inc., 900 E. Keefe Ave., Milwaukee. Wisc.

Insuline Corp. of America, 25 Park Pl., N. Y. C. Miles Reproducer Co., Inc., 112 W. 14th St., N.Y.C.

National Carbon Co., 30 E. 42nd St., N. Y. C. Ray-O-Vac Co., 2317 Winnebago St., Madison, Wis. Ross, Charles, Inc., 244-250 W. 49th St., N. Y. C.

Universal Battery Co., 3410 La Salle St., Chicago.

U-S-L Battery Corp., Niagara Falls, N. Y. Willard Storage Battery Co., 246 E. 131st St.. Cleveland, Ohio.

BELLS—CHIMES, MUSICAL AND ELECTRICAL

Acme Electric Construction Co., 37 W. VanBuren St., Chicago, III.

Amplion Products Corp., 38 West 21st St., N. Y. C. Deagan, J. C., Inc., 1770 Berteau Ave., Chicago. Jenkins Music Co., 1217 Walnut St., Kansas City,

Kohler-Liebich Co., 3553 Lincoln Ave., Chicago. McShane, Bell Foundry Co., 280 Madison Ave., N. Y. C.

RCA Manufacturing Co., Inc., Camden, N. J. Ross, Charles, Inc., 244 W. 49th St., N. Y. C. Schwarze Electric Co., Adrian, Mich.

BIAS CELLS

Mallory, P. R. & Co., Inc., 3029 E. Washington St., Indianapolis, Ind.

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American Sales Co., 44 W. 19th St., N. Y. C. Collins Radio Co., 2920 First Ave., N. E., Cedar Rapids, Iowa.

Doolittle & Falknor, 7421 S. Loomis Blvd., Chicago, III.

Gates American Corp., Quincy, III.

Graybar Electric Co. (Distributors for Western Elec.), 420 Lexington Ave., N. Y. C.

Hygrade Sylvania Corp., Clifton, N. J.

Insuline Corp. of America, 25 Park Row, N. Y. C. International Broadcasting Equipment Co., 312 W. 51st St., Chicago, III.

Johnson, E. F. Co., Waseca, Minn.

Kluge Radio Co., 1041 N. Bonnie Brae, Los Angeles, Cal.

Neely, Norman B., 5334 Hollywood Blvd., Hollywood, Calif.

Northern Electric Co., Ltd., 1261 Shearer St., Montreal, Canada.

Piezoelectric Laboratories, 612 Rockland Ave., New Drop, S. I., N. Y.

RCA Mfg. Co., Camden, N. J.

Radio Engineering Labs., 100 Wilbur Ave., Long Island City, N. Y.

Radio Engineering & Mfg. Co., 26 Journal Square, Jersey City, N. J.

Radio Television Industries Corp., 2 Linden St., Reading, Mass.

Remler Co., Ltd., 2101 Bryant St., San Francisco, Cal.

Skifter, Hector R., St. Paul Hotel, St. Paul, Minn. D. V. Tostenson, Moorhead, Minn.

Transmitter Equipment Mfg. Co., 130 Cedar St., N. Y. C.

United Transformer Corp., 72 Spring St., N. Y. C. Western Electric Co., 195 Broadway, N. Y. C.

CABLES

Alden Products Co., 715 Center St., Brockton, Mass. Alpha Wire Corp., 30 Howard St., N. Y. C.

American Radio Hardware Co., 476 Broadway, N. Y. C.

Belden Mfg. Co., 4647 W. Van Buren, Chicago, III.

Birnbach Radio Co., 145 Hudson St., N. Y. C. Consolidated Wire & Associated Corps., 512 S. Peoria St., Chicago, III.

Cornish Wire Co., 30 Church St., N. Y. C.

Essex Wire Corp., 14310 Woodward Ave., Detroit, Mich.

Mallory, P. R. & Co., Indianapolis, Ind.

Northern Electric Co., Ltd., 1261 Shearer St., Montreal, Canada.

Rivard Wire & Cable Corp., Toledo, O.

Transducer Corp., Rockefeller Plaza, N. Y. C.

CABLES. COAXIAL

Andrew, Victor J., 7221 S. Francisco Ave., Chicago.

Commercial Radio Equipment Co., 216 E. 74th St., Kansas City, Mo.

Isolantite, Inc., 233 Broadway, N. Y. C.

Transducer Corp., 30 Rockefeller Plaza, N. Y. C.

CARPETS

Aetna Carpet Co., 9006 Meirose Ave., Los Angeles. Bigelow Sanford Carpet Co., Inc., 140 Madison Ave., N. Y. C.

Greater New York Carpet House, Inc., 244 W. 49th St., N. Y. C.

Hotel & Theater Carpet Co., 427 W. 42nd St., N. Y. C. Mohawk Carpet Mills, Inc., 295 Fifth Ave., N. Y. C.

Pick, Albert Co., Inc., 2159 Pershing Road, Chicago. Shearer, B. F., Co., 2318 Second Ave., Seattle Wash. Slater, William V., Inc., 300 W. Austin Ave., Chicago.

Sloane, W. & J., Selling Agents Division, 295 Fifth Ave., N. Y. C.

Smith, Alexander & Sons., Saw Mill River Rd. and Lake Ave., Yonkers, N. Y.

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Bigelow Sanford Carpet Co., Inc., 140 Madison Ave., New York, N. Y.

Clinton Carpet Co., 222 N. Bank Drive, Chicago. Greater New York Carpet House, Inc., 244 W. 49th St., New York, N. Y.

Pick, Albert Co., Inc., 2159 Pershing Road, Chicago. Western Felt Works, 4115 Ogden Ave., Chicago.

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DuMont, Allen B., Laboratories, 542 Valley Rd., Upper Montclair, N. J.

General Electric Co., Schenectady, N. Y.

RCA Mfg. Co., Camden, N. J.

United Sound Engineering Co., 2233 University Ave., St. Paul, Minn.

CATHODE RAY TUBES

Arcturus Radio Tube Co., 720 Frelinghuysen Ave., Newark, N. J.

Cathode Ray & Television Tube Co., Brockton, Mass.

DuMont, Allen B., Laboratories, 542 Valley Rd.,
Upper Montclair, N. J.

Electronic Products Co., St. Charles, III.

Hygrade Sylvania Corp., N. Y. C.

Natural Union Radio Corp., 57 State St., Newark, N. J.

Raytheon Mfg. Co., Waltham, Mass.

RCA Mfg. Co., Camden, N. J.

Western Electric Co., 195 Broadway, N. Y. C.

Westinghouse Lamp Co., Bloomfield, N. J.

CHOKES, FILTER

Continental Carbon, Inc., 13900 Torsin Ave., Cleveland, Ohio.

Coto-Coil Co., Inc., Providence, R. I.

Dongan Electric Mfg. Co., Detroit, Michigan.

Doolittle & Falkner, Inc., 74 S. Loomis Blvd., Chicago, III.

Ferrante Electric, Inc., 30 Rockefeller Plaza, N. Y. C. General Transformer Corp., 500-532 S. Throop St., Chicago, III.

Jefferson Electric Co., Bellwood, III.

Miller, J. W. Co., Los Angeles, Calif.

Ohmite Mfg. Co., 4835 W. Flournoy St., Chicago, III.

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Raytheon Mfg. Co., 190 Willow St., Waltham, Mass.

Technical Appliance Corp., N. Y. C.

Thordarson Electric Mfg. Co., Chicago, III.

Tobe Deutschmann Corp., Canton, Mass.

United Transformer Corp., 72 Spring St., N. Y. C. Whisk Laboratories, N. Y. C.

COILS

Aladdin Radio Industries, Inc., 366 W. Superior St., Chicago, III.

Alden Products Co., 715 Center St., Brockton, Mass.

Automatic Winding Co., Newark, N. J.

Bond Radio Co., 13139 Hamilton Ave., Detroit,

Bud Radio, Inc., 1937 E. 57th St., Cleveland, O. Carren Mfg. Co., 415 S. Aberdeen St., Chicago, III.

Coils, Inc., Providence, R. I.

Continental-Diamond Fibre Co., Newark, N. J. Coto-Coil Co., Inc., 229 Chapman St., Providence

Coto-Coil Co., Inc., 229 Chapman St., Providence, R. I.

Delta Radio Co., 135 Liberty St., N. Y. C. General Mtg. Co., 8066 S. Chicago Ave., Chicago,

General Winding Co., 214 Fulton St., N. Y. C.

Greyhound Equipment Co., Bklyn., N. Y.

Guthman, Edwin I., Co., 400 S. Peoria St., Chicago, III.

Halldorson Co., Chicago, III.

Hammerlund Mfg. Co., 424 W. 33rd St., N. Y. C. Insuline Corp. of America, 25 Park Place, N. Y. C.

International Radio Corp., Ann Arbor, Mich.

Johnson, E. F., Co., Waseca, Minn.

Meisner Mfg. Co., Mt. Carmel, III.

Miller, J. W. & Co., Los Angeles, Calif.

Precision Inductance Corp., 591 Broadway, N. Y. C. Sickles, F. W., Co., 300 Main St., Springfield, Mass.

Teleradio Engineering Corp., N. Y. C.

United Transformer Corp., 72 Spring St., N. Y. C. Universal Winding Co., Providence, R. I.

CONDENSERS, ELECTROLYTIC

Aerovox Corp., 70 Washington St., Brooklyn, N. Y. Ariston Mfg. Corp., 4045 Diversey St., Chicago, Ill. Concourse Condenser Co., 387 Wales St., N. Y. C. Condenser Products, 1369 N. Branch St., Chicago, Ill. Consolidated Condenser Co., 618 W. Elm St., Chicago, Ill.

Consolidated Wire & Associated Corps., 512 S. Peoria St., Chicago, III.

Cornell-Dubilier Corp., 1000 Hamilton Blvd., South Plainfield, N. J.

Cosmic Radio Corp., 699 E. 135th St., N. Y. C.

Crowley, H. L. & Co., 1 Central Ave., W. Orange, N. J.

Curtis Condenser Corp., 3088 W. 106 St., Cleveland, Ohio.

Deutschman, Tobe, Corp., Canton, Mass.

Magnavox Co., 2131 Bueter Rd., Fort Wayne, Ind. Mallory, P. R. & Co., Inc., 3029 E. Washington St., Indianapolis, Ind.

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Micamold Radio Corp., 1087 Flushing Ave., Brooklyn, N. Y.

National Union Radio Corp., 570 Lexington Ave., N. Y. C.

Solar Mfg. Co., 599 Broadway, N. Y. C.

Sprague Products Co., N. Adams, Mass.

Tilton Electric Corp., 15 E. 26th St., N. Y. C.

CONDENSERS, FIXED

Aerovox Corp., 70 Washington St., Brocklyn, N. Y. American Condenser Corp., Chicago, 111.

Cardwell Mfg. Corp., Allen D., 81 Prospect St., Brooklyn, N. Y.

Centralab, 900 E. Keefe Avenue, Milwaukee, Wisc. Continental Carbon, Inc., 13900 Lorain Ave., Cleveland. Ohio.

Cornell-Dubilier Corp., 1000 Hamilton Blvd., South Plainfield, N. J.

Crowley, Henry L. & Co., Inc., 1 Central Avenue, W. Orange, N. J.

Curtis Condenser Corp., Cleveland, Ohio.

Deutschman, Tobe, Corp., Canton, Mass.

Dumont Electric Co., Inc., N. Y. C.

Electro-Motive Mfg. Co., 797 E. 140th St., N.Y.C. Erie Resistor Corp., Erie, Fa.

Fast, John E., & Co., 3132 N. Crawford Ave., Chicago, III.

Magnavox Co., Inc., Ft. Wayne, Ind.

Mallory, P. R. & Co., Inc., 3029 E. Washington St., Indianapolis, Ind.

Micamold Radio Corp., 1087 Flushing Ave., Brook-lyn, N. Y.

Miller, J. W. & Co., Los Angeles, Calif.

Morrill & Morrill, N. Y. C.

Muter Co., The, 1255 S. Michigan Ave., Chicago,

National Union Radio Co. of N. Y., 570 Lexington Ave., N. Y. C.

RCA Mfg. Co., Camden, N. J.

Sangamo Electric Co., Springfield, III.

Sickles, The F. W., Co., 300 Main St., Springfield, Mass.

Solar Mfg. Co., 599 Broadway, N. Y. C.

Sprague Specialties, Inc., North Adams, Mass.

Underwood Electrical & Mfg. Co., Chicago, III.

CONDENSERS, VARIABLE

American Steel Package Co., The, Squire Ave., Defiance, Ohio.

Audio Products Co., Los Angeles, Calif.

Automatic Winding Co., Newark, N. J.

Cardwell, Allen D., Mfg. Corp., 81 Prospect St., Brooklyn, N. Y.

Crowley, Henry L., & Co., 1 Central Ave., West Orange, N. J.

DeJur-Ansco Corp., Shelton, Conn.

General Instrument Co., Elizabeth, N. J.

General Radio Co., 30 State St., Cambridge, Mass. Guthman, Edwin I., Co., 400 S. Peoria St., Chicago,

Hammarlund Mfg. Co., 424 W. 33rd St., N. Y. C.

Johnson, E. F. Co., Waseca, Minn. National Co., Inc., Walden, Mass. Radio Condenser Co., Camden, N. J.

Reliance Die & Stamping Co., Chicago, III. Sickles, F. W., Co., 300 Main St., Springfield,

CONVERTERS, ELECTRIC

Mass

Amplifier Engineering Co., 49 Church St., Boston, Mass.

Automatic Devices Co., 737 Hamilton St., Allentown, Pa.

Carter Motor Co., 361 W. Superior St., Chicago, III.
Century Electric Co., 1806 Pine St., St. Louis, Mo.
Continental Electric Co., 50 Church St., N. Y. C.
Eicor, Inc., Chicago, III.

Electric Specialty Co., Stamford, Conn.

Electronic Labs., Indianapolis, Ind.

Fidelity Electric Co., Lancaster, Pa.

Good-All Electric Mfg. Co., Ogaflala, Neb.

Hertner Electric Co., 12690 Elmswood Ave., Cleveland.

Hirsch, Gustav, Organization, 309 S. Third St., Columbus, Ohio.

Hoffman-Soons, 387 First Ave., New York, N. Y. Ideal Electric Mfg. Co., Mansfield, Ohio.

Janette Mfg. Co., 556 West Monroe St., Chicago. Liberty Elec. Corp., 276 Culloden Rd., Stamford, Conn.

Miles Reproducer Co., Inc., 112 W. 14th St., N. Y. C.

Northwestern Electric Co., 408 S. Hoyne Ave., Chicago, 111.

Picture-Fone Co., 212 W. North St., Lima, Ohio. Pioneer Generator Co., Chicago, III.

Ross, Charles, Inc., 244-250 W. 49th St., N. Y. C. Westinghouse Electric & Mfg. Co., East Pittsburgh, Pa.

COUPLING EQUIPMENT

Andrew, Victor J., Chicago, III. Johnson, E. F. Co., Waseka, Minn.

DIALS AND KNOBS

Aluminum Goods Mfg. Co., Monitowoc, Wisc.

American Emblem Co., Utica, N. Y.

Bassian Bros. Co., Rochester, N. Y.

Crowe Name Plate & Mfg. Co., Chicago, III.

Davies Molding Co., Harry, 142 N. Wells St., Chicago, III.

DeJur-Ansco Corp., Shelton, Conn.

Gits Molding Corp., 1848 S. Kilbourn Ave., Chicago, III.

Mallory, P. R., & Co., Inc., 3029 E. Washington St., Indianapolis, Ind.

Meissner Mfg. Co., Mt. Carmel, III.

Ohmite Mfg. Co., 4835 Flourney St., Chicago, III. Premier Crystal Labs., 719 Pulitzer Bldg., N. Y. C.

DOORS, FIREPROOF

Art Metal Construction Co., Jones and Gifford Ave., Jamestown, N. Y.

Barnum, E. T., Iron & Wire Works, 6108 Linwood Ave., Detroit, Mich.

Richards Wilcox Mfg. Co., Aurora, III.

ELECTRICAL MEASURING EQUIPMENT

(SEE METERS)

Boonton Radio Corp., Fanny Road, Boonton, N. J. Clough-Brengle Co., 2815 W. 19th St., Chicago,

Continental Electric Co., Geneva, III.
Daven Co., The, 158 Summit St., Newark, N. J.
Delta Radio Co., 135 Liberty St., N. Y. C.
Deutschmann, Tobe, Canton, Mass.
Fairchild Aerial Camera Corp., 62-10 Woodside

Fairchild Aerial Camera Corp., 62-10 Woodside Ave., Woodside, N. Y. General Radio Co., 30 State St., Cambridge, Mass. Hickok Electrical Instrument Co., Cleveland, O. Million Radio & Television Labs., 595 N. Union St., Chicago. III. Premier Crystal Labs., 719 Pulitzer Bldg., N. Y. C. RCA Mfg. Co., Camden, N. J. Radio Engineering Labs., Inc., 25-14 41st Ave., Long Island City. N. Y. Ross, Charles, Inc., 244-250 W. 49th St., N. Y. C. Skifter, Hector R., St. Paul Hotel, St. Paul, Minn. Sundt Engineering Co., 4238 Lincoln Ave., Chicago, III.

Superior Instruments Corp., 136 Liberty St.,

Superior Instruments Corp., 136 Liberty St., N. Y. C.
Supreme Instruments Corp., Greenwood, Miss. Tech Laboratories, 703 Newark Ave., Jersey City, N. J.
Triplett Electrical Instrument Co., Harmon Rd.,

Bluffton, Ohio.
Triumph Mfg. Co., 4017 W. Lake St., Chicago, III.

United Motors Service, 3044 Grand Blvd., Detroit, Mich.

United Sound Engineering Co., 2233 University Ave., St. Paul, Minn. Wright's Electrical Instrument Laboratories, Reed College, Portland, Ore.

Weston Electrical Instrument Corp., 614 Freylinghusen Ave., Newark, N. J.

EOUALIZERS

Daven Co., The, 158 Summit St., Newark, N. J. Emar Instrument Corp., 29 W. 57th St., N. Y. C. Sound Apparatus Co., 150 W. 46th St., N. Y. C. Tech Laboratories, 703 Newark Ave., Jersey City, United Transformer Corp., 72 Spring St., N. Y. C.

FILTERS, INTERFERENCE

Andrew, Victor J., Chicago, III. Deutschmann, Tobe, Canton, Mass.

FIREPROOF AND SOUND-RETARDING DOORS

Evanston Sound-Proof Door Co., 1500 Lincoln St., Evanston, III.

FIXTURES, LIGHTING

Battle, Robert, Inc., 35-28 42nd St., Long Island City, N. Y. Capitol Stage Lighting Co., 527 W. 45th St., New

York, N. Erikson Electric Co., 6 Power House St., Boston, Mass.

Erker Bros. Optical Co., 610 Olive St., St. Louis, Ma.

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General Electric Co., Schenectady, N. Y. Guth, Edwin F., Co., 2615 Washington Ave., St.

Louis, Mo. Holzmueller, C. J., 1108 Howard St., San Fran-

cisco, Calif. Hub Electric Corp., 2225 W. Grand Ave., Chicago,

King Scenic Co., 1914 Main St., Dallas, Tex.

Kliegl Bros., Universal Electric Stage Lighting Co., Inc., 321 W. 50th St., New York, N. Y. Nation-Wide Manufacturing Corp., 449 W. 42nd St.,

New York, N. Y Rambusch Decorating Co., 2 W. 45th St., New York, N. Y.

Ross, Charles, Inc., 244 W. 49th St., New York, N. Y.

Saltzman, J. G., Inc., 480 Lexington Ave., N. Y. C. Sterling Reflector Co., 1431 W. Hubbard St., Chicago, III.

Voigt Co., 12th & Montgomery Aves., Philadelphia, Pa.

Wagner-Woodruff Co., 830 S. Olive St., Los Angeles, Calif.

Wheeler Reflector Co., 275 Congress St., Boston,

FLOOR COVERINGS

American Mat Corp., 1708 Adams St., Toledo, O. American Tile & Rubber Co., Perrine Ave., Trenton,

Armstrong Cork Products Co., Lancaster, Pa. Bigelow Sanford Carpet Co., Inc., 140 Madison Ave., New York, N. Y.

Clinton Carpet Co., 222 N. Bank Drive, Chicago,

Greater New York Carpet House, Inc., 250 W. 49th St., New York, N. Y.

Imperial Floor Co., Inc., 59 Halstead St., Rochester, N. Y.

King Scenic Co., 1914 Main St., Dallas, Tex. Pick, Albert, Co., Inc., 2519 Pershing Road, Chicago, III.

Puritan Rubber Manufacturing Co., Perrine Ave., Trenton, N. J.

Rosenheim, J., & Co., 71 W. 45th St., New York, N. Y.

Slater Co., The, 300 W. Austin Ave., Chicago, III. Smith, Alexander, & Sons, Carpet Co., Sales Divi-sion, 295 Fifth Ave., New York, N. Y.

FREQUENCY CONTROL UNITS

American Piezo Supply Co., 40th & Woodland Ave., Kansas City, Mo. Collins Radio Co., Cedar Rapids, Ia.

Commercial Radio Equipment Co., 7205 Baltimore St., Kansas City, Mo.

Doolittle & Falknor, Inc., 1306 W. 74th St., Chicago, III.

International Broadcasting Equipment Co., 312 W.

Premier Crystal Laboratories, Inc., Park Row, N. Y. C.

RCA Mfg. Co., Camden, N. J.

Radio Engineering Laboratories, Inc., 100 Wilbur Ave., Long Island City, N. Y.

Tostenson, D. V., Moorhead, Minn.

Western Electric Co., 195 Broadway, N. Y. C. Western Radio Engineering Co., 5th & St. Peter St., St. Paul, Minn.

FUSES

Jefferson Electric Co., Bellewood, III. Littlefuse Laboratories, 4238 Lincoln Ave., Chicago, 111. Ross, Charles, Inc., 244-250 W. 49th St., N. Y. C. Sundt Engineering Co., 4238 Lincoln Ave., Chicago, III.

GENERATORS

Amplifier Engineering Co., 49 Church St., Boston, Automatic Devices Co., 737 Hamilton St., Allentown, Pa. Briggs & Stratton Corp., Milwaukee, Wisc. Carter Motor Co., Chicago, III. Century Electric Co., 1806 Pine St., St. Louis, Cinema Sound Equipment Co., 8572 Santa Monica Cinema Sound Equipment Co., 672 Santa Monica Blvd., Hollywood, Cal. Cinema Studios Supply Corp., 1438 N. Beachwood Dr., Los Angeles, Cal. Continental Electric Co., 50 Church St., N. Y. C. Continental Electric Co., Inc., 323 Ferry St., Newark, N. J.
Electric Specialty Co., Stamford, Conn.
Fidelity Electric Co., Lancaster, Pa.
Gardiner, L. J., Co., 935 W. Goodale Blvd., Columbus, Ohio.
General Electric Co., Schenectady, N. Y. Gen-E-Rotor, Des Moines, Ia.
Good-All Electric Mfg. Co., Ogallala, Neb.
Hallbertg, J. H., 303 Fourth Ave., N. Y. C.
Hertner Electric Co., 12690 Elmwood Ave., Cleveland, Ohio.
Hisch Custay, Organization, 200 S. Third St. Hirsch, Gustav. Organization, 209 S. Third St., Columbus, Ohio. Columbus, Ohio.
Hoffman-Soons, 387 First Ave., New York, N. Y.
Ideal Electric Mfg. Co., Mansfield, Ohio.
Janette Mfg. Co., 556 W. Monroe St., Chicago. III.
Kato Engineering Co., Mankato, Minn.
Liberty Electric Corp., 276 Culloden Rd., Stamford, Conn. Miles Reproducer Co., Inc., 112 W. 14th St., N. Y. C. Mole-Richardson, Inc., 941 N. Sycamore Ave., Hollywood, Calif. Northwestern Electric Co., 408 S. Hope Ave., Chicago. Onan & Sons, D. W., 440 Royalston Ave., Minneapolis, Minn. olls, Minn.
Picture-Fone Co., 212 W. North St., Lima, Ohio.
Ross, Charles, Inc., 244-250 W. 49th St., N. Y. C.
Sarvas Electric Co., 60 Rutledge St., Brooklyn, N. Y.
Westinghouse Electric & Mfg. Co., East Pittsburgh,

HARD OF HEARING DEVICES

Acousticon Division of Dictograph Products Co., Acousticon Division of Dictograph Products Co., Inc., 580 Fifth Ave., N. Y. C.
Atlas Sound Corp., 1451 39th St., Brooklyn, N. Y.
Electrical Research Products, Inc., 250 W. 57th St., New York, N. Y.
Gates Radio & Supply Co., Quincy, III.
Miles Reproducer Co., Inc., 112 W. 14th St., N. Y. C.
RCA Manufacturing Co., Inc., Camden, N. J.
S. O. S. Corp., 1600 Broadway, N. Y. C.
Sonotone Corp., 19 W. 44th St., N. Y. C.
Trimm Radio Mfg. Co., 1770 W. Berteau Ave., Chicago, III. Chicago, III. Universal Microphone Co., Ltd., 424 Warren Lane, Inglewood, Calif. Western Electric Co., 195 Broadway, N. Y. C.

HARDWARE, RADIO

American Radio Hardware Co., Inc., 475 Broadway, N. Y. C.

HEADPHONES Acme Specialty Co., 1770 N. Berteau Ave., Chicago, III. Brush Development Co., E. 40th and Perkins Ave., Brush Development Co., E. 40th and Perkins Ave., Cleveland, Ohio.
Cannon Co., C. F., Main St., Springwater, N. Y.
Chicago Telephone Supply Co., 1142-1228 W.
Beardsley Ave., Elkhart, Ind.
Dictograph Products Co., 580 Fifth Ave., N. Y. C.
Insuline Corp. of America, 25 Park [I., N. Y. C.
Philmore Mfg. Co., 113 University Pl., N. Y. C.
Quam-Nichols Co., 33rd Pl. and Cottage Grove
Ave., Chicago, III.
Stromberg-Carlson Telephone Mfg. Co., Rochester,
N. Y. Trimm Radio Mfg. Co., Chicago, III. Universal Microphone Co., Ltd., Inglewood, Calif. HORNS AND SPEAKERS A-C Masterpack Co., Duncan, Okla. American Radio Speaker Corp., 443 Hudson Ave.,
Brooklyn, N. Y. Brooklyn, N. Amplion Products Corp., 38 West 21st St., N. Y. C. Amplifier Engineering Co., 49 Church St., Boston, Mass. Mass.
Ariston Mfg. Co., Chicago, III.
Arlavox Mfg. Co., Chicago, III.
Atlas Sound Corp., 1451 39th St., Brooklyn, N. Y.
Ballantyne Co., 219 N. 16th St., Omaha, Neb.
Best Mfg. Co., 1200 Grove St., Irvington, N. J.
Bond Radio Co., Detroit, Mich. Cinaudagraph Corp., Stamford, Conn. Electrical Research Products, Inc., 250 W. 57th St., New York City. Federated Purchaser, Inc., 25 Park Place, New York. Fox Sound Equipment Corp., 3120 Munroe St., Toledo, Ohio. Good-All Electric Mfg. Co., Ogallala, Neb. Hawley Products Co., 201 N. 1st Ave., St. Charles, Hirsch, Gustav, Organization, 209 S. Third St., Columbus, Ohio.

Jensen Radio Mfg. Co., 6601 S. Laramie Ave., Chicago, III. Lansing Mfg. Co., 6900 McKinley Ave., Los Angeles,

Calif. Lifetime Corp., The, 1010 Madison Ave., Toledo, O. Magna-Vox Co., Inc., 2131 Beuter Rd., Ft. Wayne,

Indiana Mellaphone Corp., 65 Atlantic Ave., Rochester, N.Y. Miles Reproducer Co., Inc., 812 Broadway, New

York, N. Y. Operadio Mfg. Co., St. Charles, III. Oxford-Tartak Radio Corp., 915 W. Van Buren St.,

Chicago, III. Pacent Engineering Corp., 79 Madison Ave., New York, N. Y. Platter Sound Products Corp., North Vernon, Ind. Premier Products, Inc., 915 W. Van Buren St., Chi-

Quam-Nichols Co., Chicago, III. Racon Electric Co., Inc. 52 E. 19th St., New

York, N. Y. Radio Speakers, Inc., 1338 S. Michigan Ave., Chi-

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cago, III.
Rola Co., 2570 E. Superior Ave., Cleveland, Ohio.
Ross, Charles, Inc., 244-250 W. 49th St., N. Y. C.
Royal Zenith Sound Projectors, Inc., 33 W. 60th
St., N. Y. C.
RCA Manufacturing Co., Inc., Camden, N. J.
S. O. S. Corp., 1600 Broadway, N. Y. C.
Silver-Marshall, Inc., 6401 West 65th St., Chicago,
III

Stromberg-Carlson Telephone Mfg. Co., 100 Carlson Road, Rochester, N. Y. Toledo Sound Equipment Labs., 1215 Jackson St., Toledo, Ohio.

Unit Reproducers Mfg. Co., 999 Main St., Rochester, N. Y.

University Labs., 191 Canal St., N. Y. C. Utah Radio Products Co., 820 Orleans Ave., Chi-

Vibro-Master, Inc., 2744 Broadway, N. Y. C. Webster Electric Co., 100 Varick St., New York, Wenzel Co., 2059 S. State St., Chicago, III.

INSULATION

Acme Wire Co., 1255 Dixwell Ave., New Haven, Alden Products Co., 715 Center St., Brockton, Mass. American Lava Corp., Cherokee Blvd. & Manufacturers Road, Chattanooga, Tenn. Bakelite Corp., 247 Park Ave., N. Y. C.
Brand, W. & Co., 268 Fourth Ave., N. Y. C.
Corning Glass Works, Corning, N. Y.
Crowley, Henry L., & Co., 1 Central Ave., West
Orange, N. J. Orange, N. J.

Demuth Glass Works, Inc., Brooklyn, N. Y.

Electronic Mechanics, Inc., N. Y. C.

Franklin, A. W., & Co., 175 Varick St., N. Y. C.

Gits Molding Corp., 4600 W. Huron St., Chicago, 117 Insuline Corp. of America, 25 Park Pl., N. Y. C. Insuline Corp. of America, 25 rat Fil., N. 1. C. Isclantife, Inc., 233 Broadway, N. Y. C. Johnson, E. F., Co., Waseca, Minn. Lapp Insulator Co., Gilbert St., LeRoy, N. Y. Locke Insulator Corp., S. Charles and Cromwell, Baltimore, Md. Baitimore, Md.
Mica Insulator Co., 200 Varick St., N. Y. C.
Mycalex Corp. of America, 101 W. 31st St., N. Y. C.
Owens-Illinois Glass Co., Newark, Ohio.
Porcelain Products, Inc., Findlay, Ohio.
Stupakoff Labs., Inc., Pittsburgh, Pa.

INTEROFFICE COMMUNICATION

American Carrier Call, 39 W. 60th St., N. Y. C. Carter Motor Co., 361 W. Superior St., Chicago, Dictograph Corp., 580 Fifth Ave., N. Y. C. Million Radio & Television Labs., 595 N. Union Million Radio & T St., Chicago, III. Northern Electric Co., Ltd., 1261 Shearer St., Montreal, Canada. Philco Radio & Television Corp., Toga & C Sts., Philadelphia, Pa. Philadelphia, Pa.
Piezoelectric Labs., 612 Rockland Ave., New Dorp,
S. I., N. Y.
Radolek Co. Division of Walter C. Braun, Inc.,
601 W. Randolph St., Chicago, III.
RCA Mfg. Co., Camden, N. J.
Remler Co., Ltd., San Francisco, Calif.
United Sound Engineering Co., 2233 University
Ave., St. Paul, Minn.
Universal Microphone, Ltd., Englewood, Calif.
Webster Co., 3825 W. Lake St., Chicago, III.

JACKS AND PLUGS Alden Products Co., 715 Centre, Brockton, Mass. American Phenolic Corp., 1215 W. VanBuren, Chicago, III. N. Y. C.
Bastian Bros. Co., Rochester, N. Y. Bastian Bros. Co., Rochester, N. Y.
Birnbach Radio Co., 145 Hudson St., N. Y. C.
Birnbach Radio Co., 1937 E. 57th St., Cleveland, Ohio.
Centralab, 900 E. Keefe Ave., Milwaukee, Wisc.
Cinch Mfg. Corp., 2335 W. VanBuren St., Chicago, Ill.
Eby, Hugh H., Co., 2036 Hunting Park Ave., Philadelphia, Pa.
Franklin, A. W., Mfg. Co., 175 Varick St., N. Y. C.
General Radio, 30 State St., Cambridge, Mass.
Johnson, E. F., Co., Waseca, Minn.
Jones, Howard B., 2300 Wabansia Ave., Chicago, Ill.
Mallory, P. R., & Co., Inc., 3029 E. Washington
St., Indianapolis, Ind.
Meissner Mfg. Co., Mt. Carmel, Ill.
National Co., Malden, Mass. Meissner Mfg. Co., Mt. Carmel, III. National Co., Malden, Mass. Rivard Wire & Cable Corp., 1014 Madison Ave.. Toledo, Ohio. Ross, Charles, Inc., 244-250 W. 49th St., N. Y. C. Trimm Radio Mfg. Co., 1770 W. Berteau Ave., Chicago, III. Utah Radio Products Co., The, 812 Orleans St., Chicago, III.

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LIGHTING

Battle, Robert, Inc., 35-28 42nd St., Long Island City, N. Y. Capitol Stage Lighting Co., 527 W. 45th St., New York, N. Y. Climax Reflector, Inc., 315 Reynolds Place, S. W., Canton, O.
Cole, W. C., & Co., 320 E. 12th St., Los Angeles, Calif. Curtis Lighting, Inc., 1123 W. Jackson Blvd., Chicago, III.

Duhem Motion Picture Manufacturing Co., 135 Hayes St., San Francisco, Calif.

E-J Electric Installation Co., 227 E. 45th St., New York, N. Y.

Erikson Electric Co., 6 Power House St., Boston, Mass. Flexlume Corp., 1100 Military Road, Buffalo, N. Y. General Electric Co., Schenectady, N. Y.
Golde Manufacturing Co., 1214 W. Madison St., Chicago, III.

Guth, Edwin F., Co., 2615 Washington Ave., St. Louis, Mo. Hirsch, Gustav, Organization, 209 S. Third St., Columbus, O.
Hub Electric Corp., 2225 W. Grand Ave., Chicago, Kliegl Bros. Universal Electric Stage Lighting Co., Inc., 321 W. 50th St., New York, N. Y. Olesen, Otto K., Illuminating Co., Ltd., 1560 N. Vine St., Hollywood, Calif.

Rambusch Decorating Co., 2 W. 45th St., New Namousen Decorating Co., Z W. 45th St., New York, N. Y. Ross, Charles, Inc., 244-250 W. 49th St., N. Y. C. Saltzman, J. G., Inc., 480 Lexington Ave., N. Y. C. Sterling Reflector Co., 1431 W. Hubbard St., Chi-cago, III. Throckmorton, Cleon, Inc., 102 W. Third St., New York, N. Y.
Voigt Co., 12th & Montgomery Aves., Philadelphia, Pa. Wheeler Reflector Co., 275 Congress St., Boston, Mass.

LOUD SPEAKERS

(See Horns and Speakers)

METAL PANELS, RACKS AND CABINETS

Atlas Sound Corp., 1451—39th St., Brooklyn, N. Y. Guthman, Edwin J., & Co., Inc., 400 S. Peoria St., Chicago, III. Mallory, P. R., Co., Indianapolis, Ind. Malles Reproducer Co., 812 Broadway, N. Y. C.
Far-Metal Products Corp., 3525—41st St., Long
Island City, N. Y.
Radio Engineering Labs., 25-14—41st St., Long Island City, N. Y.

METERS

Aerovox Corp., 70 Washington St., Brooklyn, N. Y.
Andrew, Victor J., 7221 S. Francisco Ave., Chicago, III.
Ballantine Laboratories, Boonton, N. J.
Bendix Radio Corp., Washington, D. C.
Boonton Radio Corp., Boonton, N. J.
Burton-Rogers Co., 857 Boylston St., Boston, Mass.
Clough-Brengle Co., 2815 W. 19th St., Chicago, III.
Deutschmann, Tobe, Corp., Canton, Mass.
Ferranti Electric, Inc., 30 Rockefeller Plaza, N. Y.
General Electric Co., Schenectady, N. Y.
General Radio Co., 30 State St., Cambridge, Mass.
Hickok Electrical Instruments Co., Cleveland, O.
Monarch Mfg. Co., 3341 Belmont Ave., Chicago, III.
Radio Engineering Labs., Long Island City, N. Y.
Rawson Electrical Instrument Co., Cambridge, Mass.

Aerovox Corp., 70 Washington St., Brooklyn, N. Y. Andrew, Victor J., 7221 S. Francisco Ave., Chi-

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RCA Mfg. Co., Camden, N. J.
Ross, Charles, Inc., 244-250 W. 49th St., N. Y. C.
Shallcross Mfg. Co., 10 Jackson Ave., Collingdale,
Pa.
Standard Piezo Co., Carlisle, Pa.
Superior Instruments Co., 136 Liberty St., N. Y. C.
Supreme Instrument Co., Greenwood, Miss.
Triplett Electric Instrument Co., Bluffton, O.
Triumph Mfg. Co., 4017 W. Lake St., Chicago, III.
Weston Electrical Instrument Corp., 614 Frelinghuysen Ave., Newark, N. J.

MICA

(ALSO SEE INSULATION) Brand. William & Co., 276 Fourth Ave., N. Y. C. Mica Insulator Co., N. Y. C.

MICROPHONE ACCESSORIES

American Microphone Co., 1915 S. Western Ave., Los Angeles, Cal. American Phenolic Corp., 1250 W. Van Buren St., Chicago, III. Astatic Microphone Lab., Inc., 830 Market St., Youngstown, Ohio. Bruno Laboratories, Inc., 30 W. 15th St., N. Y. C. Eastern Mike-Stand Co., 56 Christopher Ave., Brooklyn, N. Y. Shure Brothers, 225 W. Huron St., Chicago, III. Universal Microphone Co., Ltd., 424 Warren Lane, Inglewood, Cal. Western Electric Co., 195 Broadway, N. Y. C.

MICROPHONE CABLE

Birnbach Radio Co., 145 Hudson St., N. Y. C.

MICROPHONE STANDS

American Microphone Co., 1915 S. Western Ave., Los Angeles, Cal. Amperite Company, 561 Broadway, N. Y. C. Atlas Sound Corp., 1451 39th St., Brooklyn, N. Y. Bruno Laboratories, Inc., 30 W. 15th St., N. Y. C. Bud Radio, Inc., Cleveland, Ohio. Eastern Mike-Stand Co., 56 Christopher St., N. Y. C. Electro-Voice Mfg. Co., Inc., South Bend, Ind. Espey Mfg. Co., 67 Irving Place, N. Y. C. Gerrett, M. A., Corp., Milwaukee, Wisc. Hetro Electrical Industries, Chicago, Ill. Shure Bros., 225 W. Huron St., Chicago, Ill. Universal Microphone Co., Ltd., Inglewood, Calif.

MICROPHONES

American Microphone Co., 1915 S. Western Ave., Los Angeles, Cal. Amperite Company, 561 Broadway, N. Y. C. Astatic Microphone Laboratory, Inc., 830 Market St., Youngstown, Ohio. Atlas Sound Corp., 1451—39th St., Brooklyn, N. Y. Beacon Microphone Co., Akron, Ohio. Bruno Laboratorics, Inc., 30 W. 15th St., N. Y. C. Brush Development Co., The, E. 40th and Perkins Ave., Cleveland, Ohio. Carrier Microphone Co., Inglewood, Calif. Daniel Electrical Labs., N. Y. C. Electro-Voice Mfg. Co., Inc., South Bend, Ind. Fairchild Aerial Camera Corp., 62-10 Woodside Ave., Woodside, N. Y. Lifetime Corp., The, 1010 Madison Ave., Toledo, Ohio.
Philmore Mfg. Co., Inc., 113-115 University Pl., N. Y. C.

Miles Reproducer Co., Inc., 112 W. 14th St., N. Y. C. Pacent Engineering Corp., 79 Madison Ave.. N. Y. C. Radio Television Industries Corp., 2 Linden St., Reading, Mass.
Radio Receptor Co., 106 Seventh Ave., N. Y. C. RCA Mfg. Co., Camden, N. J.
Seairland Product Co., Kansas City, Mo. Shure Bros. Co., 225 W. Huron St., Chicago, III. Transducer Corp., 30 Rockefeller Plaza, N. Y. C. Turner Co., Cedar Rapids, Iowa.
Universal Microphone Co., Ltd., 424 Warren Lane, Inglewood, Cal.
Vibro-Master Co., 2744 Broadway, N. Y. C. Western Electric Co., 195 Broadway, N. Y. C. Western Electric Co., 195 Broadway, N. Y. C. Western Electric Co., 195 Broadway, N. Y. C.

MONITORS, FREQUENCY AND MODULATION

Bendix Radio Corp., Washington, D. C.
Boehme, H. O., Inc.
Bremer Broadcasting Corp.
Commercial Radio Equipment Co., Kansas City, Mo.
Donnelley Monitoring Service, Lake Bluff, III.
Doolittle & Falknor, Inc., 1306 W. 74th St., Chicago, III.
General Radio Co., 30 State St., Cambridge, Mass.
Hygrade Sylvania Corp., Clifton, N. J.
International Broadcasting Equipment Co., 312 W.
51st St., Chicago, III.
Lampkin Labs., Bradentown, Fla.
Link, Fred M., Co., N. Y. C.
Peterkin Radio Labs., Detroit, Mich.
Piezo Electric Laboratories, 612 Rockland Ave.,
New Dorp, N. Y.
Pillar of Fire.
RCA Mfg. Co., Camden, N. J.
Standard Piezo Co., 126 Cedar St., Carlisle, Pa.
Western Electric Co., 195 Broadway, N. Y. C.

MOTORS

Alliance Mfg. Co., Alliance, Ohio.
B-L Electric Mfg. Co., St. Louis, Mo.
Carter Motor Co., 361 W. Superior St., Chicago, III.
Eicor, Ind., Chicago, III.
Eicor, Ind., Chicago, III.
Janette Mfg. Co., 556 W. Monroe St., Chicago, III.
Kato Engineering Co., Kankato, Minn.
Ross, Charles, Inc., 244-250 W. 49th St., N. Y. C.
Standard Electrical Products Co., 317 Sibley St., St. Faul, Minn.

NEEDLES, PHONOGRAPH AND RECORDING

Acton. H. W., Co., 370 Seventh Ave., N. Y. C. Allied Recording Products, N. Y. C. Bagshaw, W. H., Co., Lowell, Mass. Cellutone Record & Mfg. Co., 1135 W. 42nd St., Los Angeles, Calif. Cook, F. L., 606 Parkman Ave., Los Angeles, Calif. Electrovox Co., 424 Madison Ave., N. Y. C. Fairchild Aerial Camera Corp., Long Island City, N. Y. Federal Recorder Co., Inc., 50 W. 57th St., N. Y. C. Garod Sales Corp., N. Y. C. Misscraft M. A., Corp., Milwaukee, Wisc. Lowell Needle Co., Putnam, Conn. Miles Reproducer Co., 812 Broadway, N. Y. C. Mirror Record Co., 54 W. 25th St., N. Y. C. Musicraft Records, Inc., 10 W. 47th St., N. Y. C. Musicraft Records, Inc., 10 W. 47th St., N. Y. C. Providence, R. I. Providence, R. I. Presto Recording Corp., 139 W. 19th St., N. Y. C. Rangertone, Inc., 201 Verona Ave., Newark, N. J. Recaton Corp., 178 Prince St., N. Y. C. Wall-Kane Needle Mfg. Co., Inc., 869 Broadway, N. Y. C.

Life Time Corp., 1012 Madison Ave., Toledo, O.

Garrard Sales Corp., 17 Warren St., N. Y. C. Gibbs, Thomas, 900 W. Lake St., Chicago, III. La Salle Radio Corp., 140 Washington St., N. Y. C.

ORGANS

Austin Organs, Inc., 156 Woodland St., Hartford, Conn Continied, A., Co., Erie, Pa.
Hammond Organ Co., N. Y. C.
Marr, David Co., Warsaw, N. Y.
Schantz, A. J., Sons & Co., Orrville, O. Wurlitzer, Rudolph, Co., North Tonawanda, N. Y.

Miles Reproducer Co., 812 Broadway, N. Y. C. Million Radio & Television, 685 W. Ohio St., Chi-PHOTOELECTRIC CELLS cago, 111. Northern Electric Co., Ltd., 1261 Shearer St., Continental Electric Co., 203 S. First St., St. Montreal, Canada. Charles, III. Pacent Eng. Corp., 79 Madison Ave., N. Y. C. Cafter-Hammer, Inc., N. 12th St. and W. St. Paul Ave., Mi.waukee, Wis. DeVry, Herman A., Inc., 1111 Center St., Chicago. Duhem M.g. Co., 135 Hayes St., San Francisco, Proctor, B. A., Co., 17 W. 60th St., N. Y. C. RCA Mfg. Co., Camden, N. J. Shure Brothers, 225 W. Huron Street, Chicago, III. Cal. Sound Systems, Inc., 6545 Carnegie Ave., Cleve-Eby, Hugh H., Inc., 2066 Hunting Park Ave., Phila-delphia, Pa. Electrical Research Products, Inc., 250 W. 57th St., land. Ó. Unit Reproducers Mfg. Co., 999 E. Main St., Rochester, N. Y. Webster Electric Co., Racine, Wis. Erker Bros. Optical Co., 610 Olive St., St. Louis, Mo.
G.-M. Laboratories, Inc., 1731-35 Belmont Ave.,
Chicago., C. Supply Co. Quincy, III. Gates Radio & Supply Co., Quincy, III. General Electric Co., Schenectady, N. Y. General Scientific Corp., 4829 S. Kedzie Ave., POTENTIOMETERS, INC. General Scientific Corp., 4829 S. Kedzie Ave., Chicago. III.
Good Al Electric Mfg. Co., Ogallala, Neb.
H'rsch. Gustav, Organization, 209 S. Third St., Calumbus. Ohio.
Incandescent Lamp Dept., General Electric Co., Nela Park, Cleveland, Ohio.
International Theater Accessories Corp., 1600
Broadway, N. Y. C.
Loewenberg, F., N. Y. C.
Lumotron Vacuum Products Division, General Scientific Corp., 4829 S. Kedzie Ave., Chicago.
Miles Reproducer Co., Inc., 112 W. 14th St., N. Y. C.
National Union Radio Corp. of N. Y., 570 Lexington Ave., N. Y. C.
Pacent Engineering Corp., 79 Madison Ave., N. Y. C.
Picture-Fone Co., 212 W. North St., Lima, Ohio.
Pioneer Photo Electric Co., 496 Broome St., N. Y. C.
RCA Manufacturing Co., Inc., Camden, N. J. (See also Meters) Philadelphia, Pa. N. J. Reading, Mass. N. J. RCA Manufacturing Co., Inc., Camden, N. J. RCA Radiotron Division, RCA Manufacturing Co., Inc., Camden, N. J.

Royal Zenith Sound Projectors, Inc., 33 W. 60th
St., N. Y. C.

S. O. S. Corp., 1600 Broadway, N. Y. C.

Scholux Co., E. Newark, N. J. geles, Cal. Bell Sound Systems, Columbus, Ohio Sylvania Products Co., Emporium, Pa. N. Y. C.

PICKUPS. CRYSTAL AND MAGNETIC

Wenzel Co., 2059 S. State St., Chicago, III.
Western Electric Co., 195 Broadway, N. Y. C.

huysen Ave., Newark, N. J.

Westinghouse Electric & Mfg. Co., East Pittsburgh,

Westinghouse Lamp Co., 30 Rockefeller Plaza, N. Y. C. Weston Electrical Instrument Corp., 614 Freling-

Alden Products Co., 715 Center St., Brockton, Mass. Astatic Microphone Lab., 830 Market St., Youngstown, O. Audak Co., 500 Fifth Ave., N. Y. C. Bell Sound Systems, Inc., 61-62 E. Goodale St., Columbus, O. Brush Development Co., The, E. 40th and Perkins Ave., Cleveland, Ohio.

Dynaphone Corp., 507 Fifth Ave., N. Y. C.

Electric Labs. Co., 141 E. 25th St., N. Y. C. Electric Research Labs., 2500 Cottage Grove Ave., Chicago, III.

Electric Acoustic Products Co., 2131 Beuter Rd., Ft. Wayne, Ind.

Foraco Corp., 2111 Woodward Ave., Detroit, Mich.

Chicago Telephone Supply C Beasley Ave., Elkhart, Ind. Co., 1142-1228 W. Daven Co., The, 158 Summit St., Newark, N. J. General Radio Co., 30 State St., Cambridge, Mass. International Resistance Co., 401 N. Broad St.,

Mallory, P. R., & Co., Inc., 3029 E. Washington St., Indianapolis, Ind. Precision Resistor Co., 334 Badger Ave., Newark,

Radio Television Industries Corp., 2 Linden St., Tech Laboratories, 703 Newark Ave., Jersey City,

PUBLIC ADDRESS SYSTEMS

Allied Radio Corp., 833 W. Jackson Blvd., Chicago, Audio Products Co., 4185 W. Second St., Los An-

Burstein-Applebee, 1012 McGee St., Kansas City,

Community Broadcast Studios, 2234 W. Adams Blvd., Los Angeles, Cal.

Electro Acoustic Products Co., 2131 Bueter Rd., Fort Wayne, Ind.

Electronic Design Corp., Chicago, III. Forest Sound Systems, 776 Forest Ave., N. Y. C.

Hollywood Electric Transcriber Mfg. Co., 1512 W. Slauson Ave., Los Angeles, Cal. Million Radio & Television Laboratories, 595 N. Union St., Chicago, III. Morlen Electric Co., Inc., N. Y. C. Northern Electric Co., Ltd., 1261 Shearer St., Montreal Coanda.

Northern Electric Co., Ltd., 1261 Shearer St., Montreal, Canada. RCA Mfg. Co., Camden, N. J. Radolek Co. Division of Walter C. Braun, Inc., 601 W. Randolph St., Chicago, Ill. Remler Co., Ltd., 19th and Bryan Sts., San Francisco, Cal. Sound Froducts, Hollywood, Calif.

Sound Projects Co., 3140 N. Walton Avenue, Chicago, III.

Sundt Engineering Co., 4238 Lincoln Avenue, Chi-

cago, III.
United Sound Engineering Co., 2233 University Ave., St. Paul, Minn.

Vibro-Master Co., 2744 Broadway, N. Y. C. Webster Electric Co., Racine, Wis. Western Electric Co., 195 Broadway, N. Y. C.

Wilcos Electric Co., 1014 W. 37th St., Kansas City,

QUARTZ CRYSTALS AND ACCESSORIES

American Piezo Supply Co., 3921 Agnes Ave., Kansas City, Mo.
Bellefonte Eng. Labs., Bellefont, Pa.
Bliley Electric Co., Union Station Bldg., Erie, Pa.
Burnett, William W. L., Radio Laboratories, 8414
Idaho St., San Diego, Cal.
Collins Radio Co., Cedar Rapids, Ia.
Commercial Radio Equipment Co., 216 E. 74th St.,
Kansas City, Mo.
Fridgen Crystal Labs., Bellefonte, Pa.
General Radio Co., 30 State St., Cambridge, Mass.
Hipower Crystal Co., 2035 Charleston St., Chicago, Ill.
Hollister Crystal Co., Merriman, Kansas
Peterson Radio Co., Council Bluffs, Iowa
Piezo Electric Labs., 612 Rockland Ave., New Dorp,
N. Y.
Precision Crystal Labs., Inc., Springfield, Mass.
Precision Piezo Service, 427 Asia St., Baton Rouge.
La.
Premier Crystal Laboratories, 719 Fulitzer Bldg.,
N. Y. C.
RCA Mfg. Co., Camden, N. J.
Scientific Research Laboratories, 124 Jackson Ave.,
Hyattsville, Md.
Standard Piezo Co., 126 Cedar St., Carlisle, Pa.
Valpey Crystals, Box 321, Holliston, Mass.
Western Electric Co., 195 Broadway, N. Y. C.

RECORDERS, DISC

Allied Radio Corp., 833 W. Jackson Blvd., Chicago, III.
Allied Recording Co., 126 W. 48th St., N. Y. C.
Amplifier Co., of America, 37 W. 20th St., N. Y. C.
Amplifier Co., of America, 37 W. 20th St., N. Y. C.
Amplifier Co., 50 Fifth Ave., N. Y. C.
Audak Co., 500 Fifth Ave., N. Y. C.
Audak Co., 500 Fifth Ave., N. Y. C.
Audak Co., 500 Fifth Ave., N. Y. C.
Bogen, David, Co., 663 Broadway, N. Y. C.
Carter, E. P., 112 Cedar Ave., Pitman, N. J.
Cinema Sound Equipment Co., 8572 Santa Monica
Blvd., Hollywood, Cal.
Decca Recording Laboratories, 666 Lake Shore Dr.,
Chicago, III.
Dencose, Inc., 29 W. 57th St., N. Y. C.
electrical Research Products, Inc., 250 W. 57th
St., N. Y. C.
Fairchild Aerial Camera Corp., Long Island City,
N. Y. C.
Federal Recorder Co., Inc., 50 W. 57th St., N. Y. C.
Gates Radio & Supply Co., Quincy, III.
Gibbs, Thomas B., 900 W. Lake St., Chicago, III.
Herkit Engineering Co., 130 W. 46th St., N. Y. C.
Molloway Co., N. Y. C.
Miles Reproducer Co., Inc., 112 W. 14th St.,
N. Y. C.
Miror Record Corp., 54 W. 25th St., N. Y. C.
Musicraft Records, Inc., 10 W. 47th St., N. Y. C.
Poinsettia, Inc., 112 Cedar Ave., Pitman, N. J.
Powers Cinephone Corp., 723 7th Ave., N. Y. C.
Rogeak-O-Phone Record & Equipment Co., N. Y. C.
Speak-O-Phone Record & Equipment Co., N. Y. C.
Universal Microphone Co., Englewood, Calif.
Vibro-Master Co., 2744 Broadway, N. Y. C.
Western Electric Co., 195 Broadway, N. Y. C.

RECORDING EQUIPMENT AND ACCESSORIES

Acoustic Consultants, Inc., N. Y. C. Alliance Manufacturing Co., Alliance, Ohio Allied Phonograph & Record Mfg. Co., 1041 N. Las Palmas Ave., Hollywood, Calif.

Allied Radio Corp., 833 W. Jackson Blvd., Chicago, Allied Recording Products, 126 W. 46th St., N. Y. C. Audak Co., 500 Fifth Ave., N. Y. C. Audio Devices Inc., 1600 Broadway, N. Y. C. Carter, E. P., 112 Cedar Ave., Pitman, N. J. Cellutone Record Mfg. Co., 1135 W. 42nd St., Los Angeles, Cal. Clark Phonograph Record Co., 216 High St., Newark, N. J. Ccok, F. L., 606 Parkman Ave., Los Angeles, Cal. Electrical Research Products, Inc., 250 W. 57th St. N. Y. C. Electro-Vox Recording Studios, 5546 Melrose Ave.. Hollywood, Cal.
Fmar Instrument Corp., 29 W. 57th St., N. Y. C. Fairchild Aerial Instrument Corp., Van Wyck Blvd.

G Jamaica Ave., Long Island City, N. Y. Federal Recorder Co., Inc., 50 W. 57th St., N. Y. C. Garod Sales Corp., N. Y. C. Garod Sales Corp., N. Y. C. Gates Radio G Supply Co., Quincy, III.
Holloway Co., N. Y. C.
Hollywood Electric Transcriber Mfg. Co., 1512 W. Slauson Ave., Los Angeles, Cal.
Lansing Mfg. Co., 6900 S. McKinley Ave., Los Angeles, Calif.
Mirror Record Corp., 58 W. 25th St., N. Y. C. Musicraft Records, Inc., 10 W. 47th St., N. Y. C. Musicraft Records, Inc., 10 W. 47th St., N. Y. C. Mash Radio Products, St. Louis, Mo.
Neely, Norman B., 5334 Hollywood Blvd., Hollywood, Cal.
Piezoelectric Laboratories, 612 Rockland Ave., S. I., Hollywood, Cal. Piezoelectric Laboratories, 612 Rockland Ave., S. I., N. Y.
Poinsettia, Inc., Pitman, N. J.
Prector, B. A., Co., 17 W. 60th St., N. Y. C.
Presto Recording Corp., 139 W. 19th St., N. Y. C.
RCA Mfg. Co., Camden, N. J.
Radio Engineering & Mfg. Co., Jersey City, N. J.
Radio & Film Methods, 101 Park Ave., N. Y. C.
Radiotone, Inc., 7356 Melrose Ave., Hollywood, Cal. Rangertone, Inc., 201 Verona Ave., Newark, N. J. Remler Co., Ltd., San Francisco, Calif. Shure Bros., 225 W. Huron St., Chicago, III. Sound Apparatus Co., 150 W. 46th St., N. Y. C. Sound Products, Hollywood, Calif. Sound Projects Co., 3140 W. Walton Ave., Chicago, Ш Sound Systems, Cleveland, O. Speak-O-Phone Recording & Equipment Co., 23 W. 60th St., N. Y. C. Unit Reproducers Corp., Rochester, N. Y. United Transformer Corp., 72 Spring St., N. Y. C. Universal Microphone Ltd., 424 Warren Lane, Inglewood. Cal. Upco Engineering Labs., N. Y. C Vibro-Master, 2744 Broadway, N. Y. C. Webster Co., 5622 Bloomingdale Ave., Chicago, III. Webster Electric Co., Racine, Wisc. Wilcox Electric Co., 1014 W. 37th St., Kansas City.

RECTIFIERS

American Transformer Co., 175 Emmett St., Newark, N. J. Amperex Electronic Products, Inc., 79 Washington St., Bklyn., N. Y. B-L Electric Mfg. Co., St. Louis, Mo. Continental Electric Co., 715 Hamilton Avenue, Geneva, III. Eitel-McCullough, Inc., San Bruno, Calif. Electronic Products, Los Angeles, Calif. Federal Telegraph Co., Newark, N. J. Ferranti Electric, Inc., 30 Rockefeller Plaza, N. Y. C. Heintz & Kaufman, Ltd., South San Francisco, Calif. International Tel. & Tel. Corp., N. Y. C. Mallory, P. R., & Co., 3029 E. Washington St., Indianapolis, Ind. Raytheon Mfg. Co., Waltham, Mass. Taylor Tubes, Inc., 2341 Wabansia Ave., Chicago, III. United Electronics Co., 42 Spring St., Newark, N. J. United Transformer Corp., 72 Spring St., N. Y. C. Western Electric Co., 195 Broadway, N. Y. C. Westinghouse Electric & Mfg. Co., Bloomfield, N. J.

RELAYS

Advance Electric Co., Los Angeles, Calif. Allen-Bradley Co., Milwaukee, Wisc. Allied Control Co., N. Y. C. American Automatic Electric Sales Co., Chicago, III. Brach, L. S., Mfg. Co., 55 Dickerson St., Newark, N. J. Cinema Engineering Co., Hollywood, Calif. Eby, Hugh H., Inc., Philadelphia, Pa. Guardian Electric Co., Chicago, III. Heineken Machinery Corp., N. Y. C. Leach Relay Co., Los Angeles, Calif. Muter, The, Co., Chicago, III. Rolfer-Smith Co., N. Y. C. Sigma Instruments, Inc., Belmont, Mass. Standard Electrical Products Co., St. Paul, Minn.

Struthers Dunn, Inc., Philadelphia, Pa. United Cinephone Corp., Long Island City, N. Y. Ward Leonard Electric Co., 31 South St., Mt. Ver-

Weston Electrical Instrument Corp., 612 Frelinghuysen Ave., Newark, N. J.

RESISTORS

non, N. Y.

Aerovox Corp., 70 Washington St., Brooklyn, N. Y. Allen-Bradley Co., Milwaukee, Wisc.

Atlas Resistor Co., 423 Broome St., N. Y. C. Carborundum Co., Niagara Fails, N. Y.

Centralab Division of Globe Union Mfg. Co., 900 E. Keefe Ave., Milwaukee, Wis.

Clarostat Mfg. Co., 285 N. 6th St., Bklyn., N. Y.

Continental Carbon, Inc., 13900 Lorain Ave., Cleveland, O.

Crowley, Henry L., Co., 1 Central Ave., West Orange, N. J.

Daven Co., The, 158 Summit St., Newark, N. J. Electro-Motive Mfg. Co., 797 E. 140th St., N. Y. C.

Erie Resistor Corp., 644 W. 12th St., Erie, Pa.

General Radio Co., 30 State St., Cambridge, Mass. Hardwick, Hindle, Inc., Newark, N. J.

International Resistance Co., 401 N. Broad St., Philadelphia, Pa.

Lectrohn, Inc., Cicero, III.

Leeds & Nothrup Co., Philadelphia, Pa.

Mallory, P. R., & Co., Inc., 3029 E. Washington St., Indianapolis, Ind.

Micamold Radio Corp., 1087 Flushing Aye., Brooklyn, N. Y.

Morrill & Morrill, N. Y. C.

Muter Co., The, 1255 S. Michigan Ave., Chicago,

Ohmite Mfg. Co., 4835 W. Flournay St., Chicago, H.

Precision Resiston Co., 334 Badger Ave., Newark, N. J.

Shallcross Mfg. Co., Collingdale, Pa.

Speer Carbon Co., St. Mary's, Pa.

Stackpole Carbon Co., St. Mary's, Pa.

States Co., Hartford, Conn.

Tech Laboratories, 7 Lincoln St., Jersey City, N. J. Utah Radio Products Co., 812 Orleans St., Chicago, 111

Ward Leonard Electric Co., 31 South St., Mt. Vernon, N. Y.

White Dental Mfg. Co., The S. S., 10 E. 40th St., N. Y. C.

Wirt Co., Philadelphia, Pa.

RHEOSTATS

Bishop & Babcock Manufacturing Co., 4901 Hamilton Ave., N. E., Cleveland, Ohio.
Cutler-Hammer, Inc., N. 12th and W. St. Paul
Ave., Milwaukee, Wis.

Erker Bros. Optical Co., 610 Olive St., St. Louis, Mo.

Fulton, E. E. Co., 1018 S. Wabash Ave., Chicago,

Gates Radio & Supply Co., Quincy, 111. Hardwick, Hindle, Inc., Newark, N. J.

Hertner Electric Co., 12690 Elmwood Ave., Cleveland, Ohio.

Hoffman-Soons, 387 First Ave., N. Y. C

International Resistance Co., 401 N. Broad St., Philadelphia, Pa.

Kliegl Bros., Universal Stage Lighting Co., 321 W. 50th St., N. Y. C. P. R. Mallory Co., 3029 E. Washington St., Indian-

apolis, Ind. McAuley, J. E. Mfg. Co., Inc., 522 W. Adams St.,

Chicago, III. Ohmite Mfg. Co., 4835 W. Flournay St., Chicago, III.

Ross, Charles, Inc., 244-250 W. 49th St., N. Y. C. Schaefer Bros. Co., 1059 W. Eleventh Street, Chi-

cago, III. Strong Electric Co., 2501 Lagrange St., Toledo, O. Ward Leonard Electric Co., 37 South St., Mt. Ver-

Westinghouse Electric Mfg. Co., East Pittsburgh.

SOCKETS

Alden Products Co., 715 Center St., Brockton, Mass. American Phenolic Corp., 1250 W. Van Buren St., Chicago, III.

Radio Hardware Co., 476 Broadway, American N. Y. C

Bastian Bros., 1600 N. Clinton Ave., Rochester,

Birnbach Radio Co., 145 Hudson St., N. Y. C. Bond Radio Co., 13139 Hamilton Ave., Detroit, Mich. Bud Radio Inc., 1937 E. 55th St., Cleveland, O. Cinch Mfg. Corp., 2335 W. Van Buren St., Chicago,

Clarostat Mfg. Co., 285 N. 6th St., Brooklyn, N. Y. Continental-Diamond Fibre Co., Newark, N. J. Eby, Hugh H., Inc., 2066 Hunting Park Ave., Phila-

Franklin, A. W., Mfg. Corp., 175 Varick St., N. Y. C. Hammarlund Mfg. Co., 424 W. 33rd St., N. Y. C. Insuline Corp. of America, 25 Park Place, N. Y. C. International Radio Corp., Ann Arbor, Mich. International Resistor Co., 401 N. Broad St., Philadelic Parks 1988

International Resistor Co., 401 N. Broad St., Philadelphia, Pa.
Isolantite, Inc., 233 Broadway, N. Y. C.
Johnson, E. F., Co., Waseca, Minn.
Jones, H. B., 2300 Wabansia Ave., Chicago, III.
Mallory, P. R., & Co., 3029 E. Washington St.,
Indianapolis, Ind.
Meissner Mfg. Co., Mt. Carmel, III.
Micratia Eabricators, Inc., 4619 Rayenswood Ave.

Micarta Fabricators, Inc., 4619 Ravenswood Ave.,

Chicago, III. National Co., Malden, Mass. Ross, Charles, Inc., 244-250 W. 49th St., N. Y. C. Teleradio Eng. Corp., 484 Broome St., N. Y. C.

SOLDER

Brach, L. S., Mfg. Co., 55 Dickerson St., Newark, Drake Electric Works, Inc., Chicago, III. Gardner Metal Co., 4820 S. Campbell Ave., Chicago, 111 Kester Solder Co., 4201 Wrightwood Ave., Chicago, Ruby Chemical Co., Columbus, Ohio

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SOLDERING IRONS

Drake Electric Works, Inc., 3656 Lincoln Ave., Chicago, III. Electric Soldering Iron Co., Deep River, Conn. Ideal Commutator Dresser Co., Sycamore, III. Ross. Charles, Inc., 244-250 W. 49th St., N. Y. C. Stay-Warm Electric Co., Ravenna, Ohio

SOUND EFFECTS APPARATUS

Fairchild Aerial Camera Corp., 62-10 Woodside Ave., Woodside, N. Y. Gennett Records, 729 Seventh Ave., N. Y. C. Radio Engineering Mfg. Co., 26 Journal Square, Jersey City, N. J. Speedy-Q Records, 1344 S. Flower St., Los Angeles, Cal.

Standard Radio, 6404 Hollywood Blvd., Hollywood, Calif.

United Transformer Corp., 72 Spring St., N. Y. C.

SOUND EQUIPMENT AND SYSTEMS

Acme Sound Co., 2758 Broadway, N. Y. C. Allied Radio Corp., 833 Jackson Blvd., Chicago, III. Allied Recording Co., 126 W. 46th St., N. Y. C. American Transformer Co., 178 Emmett St., Newark, N. J.

Amplifier Co. of America, 37 W. 20th St., N. Y. C. Amplion Products Corp., 38 W. 21st St., N. Y. C. Audio Development Co., 4351 France Ave., S. Minneapolis, Minn.

Autocrat Radio Co., 3855 N. Hamilton Ave., Chicago, III.

Automatic Radio Mfg. Co., 122 Brookline Ave., Boston, Mass.

Bell Sound Systems Inc., Columbus, Ohio Bendix Radio Mfg. Co., Wood Lake, Minn. Bogen, David, Co., 663 Broadway, N. Y. C. Brown Ebinger Radio Co., 3924 Washington Blvd., St. Louis, Mo.

Bud Radio, Inc., Cleveland, Ohio. Collins Radio Co., Cedar Rapids, Ja.

Deluxe Sound Co., 123 South St., Bogata, N. J. DeVry, Herman A., Inc., 1111 Center St., Chicago, III.

Dunn-Hall Co., 1477 W. Adams St., Chicago, III. Electra Corp., 1500 N. Kostner Ave., Chicago, III. Electrical Research Labs., 2500 Cottage Grove Ave., Chicago, III.

Electro Acoustic Products Co., 2131 Beiter Rd., Ft. Wayne, Ind.

Electronic Devices Inc., Warren, Pa.

Electronic Sound Labs., Inc., 5912 Melrose Ave., Hollywood, Calif.

Fox Sound Equipment Corp., 3120 Monroe St., Toledo, Ohio

Gates Radio & Supply Co., 115 N. 4th St., Quincy.

Gibbs, Thomas B., 900 W. Lake St., Chicago, III. Hetro Electrical Industries, Inc., Chicago, III. Jenkins & Adair, 3333 Belmont Ave., Chicago, III. La Salle Radio Corp., 140 Washington St., Chicago, III

Lipman Engineering Co., 415 Van Braam St., Pittsburgh, Pa.

Link, Fred M., 125 W. 17th St., New York City. Miles Reproducer Co., 812 Broadway, N. Y. C. Million Radio & Television Co., 685 W. Ohio St., Chicago, III. Morlen Electric Co., 60 W. 15th St., N. Y. C.

Operadio Mfg. Co., St. Charles, III.

Pacent Engineering Corp., 79 Madison Ave., N. Y. C. Piezoelectric Labs., 612 Rockland Ave., New Dorp.

Rangertone, Inc., 201 Verona Ave., Newark, N. J. Radio Amplifier Labs., 59 Walker St., N. Y. C.

Radio Receptor Co., 251 W. 19th St., N. Y. C. RCA Mfg. Co., Front & Cooper Sts., Camden, N. J.

Recording Equipment Mfg. Co., 6611 Sunset Blvd., Hollywood, Calif. Regal Amplifier Mfg. Co., 14 W. 17th St., N. Y. C.

Remler Co., Ltd., 2101 Bryant St., San Francisco, Calif.
Sound Apparatus Co., 150 W. 46th St., N. Y. C.

Sound Products, 704 N. Curson Ave., Hollywood, Calif.

Sound Systems, Inc., 6545 Carnegie Ave., Cleveland,

Speak-O-Phone Recording & Equipment Co., 23 W. 60th St., N. Y. C.

Stromberg-Carlson Telephone Mfg. Co., Rochester, N. Y.

Sundt Engineering Co., 4238 N. Lincoln Ave., Chicago, III.

Tech Laboratories, 703 Newark Ave., Jersey City, N. J.

Techna Corp., 926 Howard St., San Francisco, Calif.
Transformer Corp. of America, 69 Wooster St.,
N. Y. C.

United Sound Engineering Co., 2229 University Ave., St. Paul, Minn.

Universal Microphone Co., Inglewood, Calif.

Webster Co., 5623 Bloomingdale Ave., Chicago, III. Webster Electric Co., Racine, Wisc.

Western Electric Co., 195 Broadway, N. Y. C.

SWITCHES

Centralab Division of Globe Union Mfg. Co., 900 E. Keefe St., Milwaukee, Wis.

Chicago Telephone Supply Co., 1142-1228 W. Beardsley Ave., Elkhart, Ind.

Continental Electric Co., Geneva, III.

Daven Co., The, 158 Summit St., Newark, N. J.

Eby, Hugh H., Inc., Philadelphia, Pa.

Gamewell Co., Newton Falls, Mass.

Mallory, P. R., & Co., 3029 E. Washington St., Indianapolis, Ind.

Meissner Mfg. Co., Mt. Carmel, III.

Muter Co., The, 1255 S. Michigan Ave., Chicago, III.

Oak Mfg. Co., 711 W. Lake St., Chicago, III. Ohmite Mfg. Co., 4835 W. Flournay St., Chicago,

Ross, Charles, Inc., 244-250 W. 49th St., N. Y. C. Stallcross Mfg. Co., Colbydale, Pa.

Strothers-Dumdee, Fhiladelphia, Pa.

Tech Laboratories, 703 Newark Ave., Jersey City, N. J.

Utah Radio Products Co., The, 812 Orleans St., Chicago, III.

TEMPERATURE CONTROL UNITS

Bliley Electric Co., Union Station Bldg., Erie, Pa.
Doolittle & Falknor, Inc., 1306 W. 74th St., Chicago, III.

Piezoelectric Laboratories, New Dorp, N. Y.

Precision Piezo Service, 427 Asia St., New Orleans, La.

Tostenson, D. V., Moorhead, Minn.

TRANSFORMERS

Acme Electric Mfg. Co., Cuba, N. Y. Alloy Transformer Co., 135 Liberty St., N. Y. C. American Transformer Co., 175 Emmet St., Newark, N. J. Arlavox Mfg. Co., Chicago, III. Audio Development Co., St. Paul, Minn.

Chicago Transformer Co., Chicago, III. Consolidated Radio Products Co., 361 W. Superior

St., Chicago, III. Coto Coil Co., Providence, R. I.

Donegan Electric Mfg. Co., Detroit, Mich.

Doolittle & Falkner, Inc., 7421 S. Loomis Blvd., Chicago III

Ferrante Electric, Inc., 30 Rockefeller [laza, N. Y. C. Franklin Transformer Mfg. Co., Minneapolis, Minn. Freed Transformer Co., N. Y. C.

General Radio Co., 30 State St., Cambridge, Mass. General Transformer Corp., 500-532 S. Throop St., Chicago, III.

General Winding Co., 214 Fulton St., N. Y. C.

Hallderson Co., Chicago, III.

Hammarland Mfg. Co., 424 W. 33rd St., N. Y. C. Hass Electric & Mfg. Co., 305 E. Munroe St., Springfield, III.

Inck Mfg. Co., Ft. Wayne, Ind. International Transformer Co., N. Y. C.

Jefferson Electric Co., Bellwood, III.

Kenyon Transformer Co., N. Y. C. Miles Reproducer Co., 812 Broadway, N. Y. C.

Raytheon Mfg. Co., 190 Willow St., Waltham, Mass.

RCA Mfg. Co., Camden, N. J.

Robertson-Davis Co., Chicago, III.

Ross, Charles, Inc., 244-250 W. 49th St., N. Y. C. Sola Electric Co., 2525 Clybourn Ave., Chicago, III. Standard Electric Products Co., 317 Sibley St., St. Paul, Minn.

Standard Transformer Corp., 850 Blackhawk St., Chicago, III.

Thordarson Electric Mfg. Co., 500 W. Huron St., Chicago, III.

Triumph Mfg. Co., 4017 W. Lake St., Chicago, III. United Transformer Corp., 72 Spring St., N. Y. C. Utah Radio Products Co., 720 Orleans St., Chicago.

Webster Electric Co., Racine, Wisc. Westinghouse Elec. & Mfg. Co., Pittsburgh, Pa. Willard Storage Battery Co., Cleveland, Ohio

TRANSMISSION LINES

Andrew, Victor J., 7221 S. Francisco Ave., Chicago,

Collins Radio Co., First Ave., Cedar Rapids, La. Communication Products, Inc., Jersey City, N. J. Doolittle & Falkner, Inc., Chicago, III. General Cable Corp., N. Y. C. Isolantite, Inc., 233 Broadway, N. Y. C. Johnson Co., E. F., Waseca, Minn. Transducer Corp., Rockefeller Plaza, N. Y. C. Western Electric Co., 195 Broadway, N. Y. C.

TUBES, PHOTOELECTRIC

Continental Electric Co., Geneva, III. Electronic Products Co., 5356 E. 9th St., St. Charles, III.

General Electric Co., Bridgeport, Conn.

1939 RHYING GUIDE

G-M Laboratories, Inc., 1735 Belmont Ave., Chi-Lowenberg, F., 10 East 40th St., N. Y. C. National Union Radio Corp., Newark, N. J. RCA Mfg. Co., Camden, N. J. Western Electric Co., 195 Broadway, N. Y. C. Westinghouse Lamp Co., Bloomfield, N. J. Weston Electric Instrument Corp., Newark, N. J.

TUBES, RADIO RECEIVING

Arcturus Radio Tube Co., 720 Frelinghuysen St., Newark, N. J.

Champion Radio Works, 88 Holten St., Danvers, Mass

General Electric Co., Bridgeport, Conn.

Hygrade Sylvania Corp., N. Y. C.

Hytron Corp., 23 Derby St., Salem, Mass.

International Radio Corp., 535 William St., Ann Arbor, Mich.

Ken-Rad Tube & Lamp Corp., Owensboro, Ky.

National Union Radio Corp. of N. Y., 570 Lexington Ave., N. Y. C.

Shilco Radio & Television Corp., Tioga and C Sts., Philadelphia, Pa.

RCA Mfg. Co., Camden, N. J.

Raytheon Mfg. Co., 190 Willow St., Waltham,

Sparks-Withington Co., Jackson, Mich.

Triad Mfg. Co., Inc., Middle and Fountain Sts., Pawtucket, R. I.

Tung-Sol Lamp Works, Inc., Newark, N. J.

Western Electric Co., 195 Broadway, N. Y. C.

TUBES, RECTIFYING

Amperex Electronic Products, 79 Washington St., Brooklyn, N. Y.

Continental Electric Co., Geneva, III. Eitel-McCullough, Inc., San Bruno, Calif.

RCA Manufacturing Co., Camden, N. J.

Raytheon, 190 Willow St., Waltham, Mass. Taylor Tubes, Inc., 2341 Wabansia Ave., Chicago,

United Electronics Co., 42 Spring St., N. Y. C.

Westinghouse Lamp Co., Bloomfield, N. J.

TUBES, TRANSMITTING

Amperex Electronic Products, 79 Washington St., Brooklyn, N. Y.

Eitel-McCullough, Inc., 798 San Mateo Ave., San Bruno, Calif.

Electronic Products Co., 5356 E. Ninth St., Charles,

Federal Telegraph Co., 200 Mt. Uleasant Ave., Newark, N. J.

Heintz & Kaufman, Ltd., P. O. Box 69, S. San Francisco, Cal.

Hytron Corp., 23 Derby St., Salem, Mass.

Link, Fred M., 125 W. 17th St., N. Y. C.

National Radio Tube Co., 3420 - 18th St., San Francisco, Calif.

1939 BUYING GUIDE

Raytheon Mfg. Co., Waltham, Mass. RCA Mfg. Co., Camden, N. J.

Tay!or Tubes, Inc., 2341 Wabansia Ave., Chicago, III.

United Electronics Co., 42 Spring St., Newark, N. J.

Western Electric Co., 195 Broadway, N. Y. C. Westinghouse Electric & Mfg. Co., Bloomfield, N. J.

TURN TABLES

Acme Sound Co., 2758 Broadway, N. Y. C.

Allied Recording Co., 126 W. 46th St., N. Y. C.

Bell Sound Systems Inc., Columbus, Ga.

Bogen, David, Co., 663 Broadway, N. Y. C.

Carter, E. R., 112 Cedar Ave., Pitman, N. J.

Dencose, Inc., 29 W. 57th St., N. Y. C. Diehl Mfg. Co., Elizabethport, N. J.

Electro Acoustics Products Co., 2131 Beuter Rd., Fort Wayne, Ind.

Fairchild Aerial Camera Corp., Long Island City.

Federal Recorder Co., Inc., 50 W. 57th St., N. Y. C. Garod Sales Corp., N. Y. C.

Gates Radio & Supply Co., Quincy, III.

General Industries Co., Elyria, O.

Hetro Electric Industries Inc., Chicago, III.

La Salle Radio Corp., 140 Washington St., N. Y. C.

Miles Reproducer Co., 812 Broadway, N. Y. C.

Pacent Engineering Corp., 79 Madison Ave., N. Y. C. Fresto Recording Corp., 139 W. 19th St., N. Y. C. Proctor, B. A., Co., Inc., 17 W. 60th St., N. Y. C. RCA Mfg. Co., Camden, N. J.

Recording Equipment Mfg. Co., 6611 Sunset Blvd., Hollywood, Calif.

Remler Co., Ltd., 2101 Bryant St., San Francisco,

Sound Apparatus Co., 150 W. 46th St., N. Y. C.

Sound Projects Co., 3140 W. Walton St., Chicago,

Sound Systems, Inc., 6545 Carnegie Ave., Cleveland, Ohio.

Speedway Mfg. Co., 1834 S. 52nd St., Cicero, III.

Transformer Corp. of America, 69 Wooster St.,
N. Y. C.

Vibro-Master Co., 2744 Broadway, N. Y. C. Western Electric Co., 195 Broadway, N. Y. C.

VACUUM TUBE SOCKETS

(See Sockets)

VACUUM TUBES, TRANSMITTING

(See Tubes, Transmitting)

VARNISHED CLOTHS AND PAPERS

Acme Wire Co., New Haven, Conn.
Bentley-Harris Mfg. Co., Conshohocken, Pa.
Brand, William & Co., 276 Fourth Ave., N. Y. C.
Insulation Manufacturers Corp., Chicago.
Mica Insulator Co., N. Y. C.

VERTICAL RADIATORS

(Also See Antennas)

Blaw-Knox Co., Pittsburgh, Pa.

International Derrick & Equipment Co., 875 Michigan Ave., Columbus, Ohio

Lehigh Structural Steel Co., 17 Battery Place, N. Y. C.

Lingo, John, & Son, Inc., Camden, N. J.

Truscan Steel Co., Youngstown, Ohio

VIBRATORS

American Television & Radio Corp., 300 E. 4th St., St. Paul, Minn.

Electronic Labs., Inc., Indianapolis, Ind.

Link, Fred M., Co., N. Y. C.

Mallory, P. R., & Co., 3029 E. Washington St., Indianapolis, Ind.

Meissner Mfg. Co., Mt. Carmel, III.

Oak Mfg. Co., 711 W. Lake St., Chicago, III.

Pauley-James Corp., 4619 Ravenswood Ave., Chicago, III.

Radiart Corp., Shaw Ave. and 133rd St., Cleveland, Ohio

RCA Mfg. Co., Camden, N. J.

Utah Radio Products Co., 812 Orleans. St., Chicago, III.

VOLTAGE REGULATORS

Acme Electric & Mfg. Co., Cuba, N. Y.

American Transformer Co., 175 Emmett St., Newark, N. J.

Amperite Co., 561 Broadway, N. Y. C.

Champion Radio Works, 88 Holten St., Danvers,

Micamold Radio Corp., 1087 Flushing Ave., Brooklyn, N. Y.

Muter Co., The, 1255 S. Michigan Ave., Chicago, III.

RCA Mfg. Co., Camden, N. J. Raytheon Mfg. Co., 190 Willow St., Waltham, Mass.

Ward-Leonard Electric Co., Mt. Vernon, N. Y. C. Ward-Leonard Electric Co., Mt. Vernon, N. Y. Westinghouse Lamp Co., Bloomfield, N. J.

WIRE

Acme Wire Co., 1255 Dixwell Ave., New Haven, Conn.

Alpha Wire Corp., N. Y. C.

American Electric Cable Co., Holyoke, Mass.

Anaconda Wire & Cable Co., Chicago, III.

Belden Mfg. Co., 4647 W. Van Buren St., Chicago, III.

Birnbach Radio Co., 145 Hudson St., N. Y. C.

Cornish Wire Co., 30 Ch Church St., N. Y. C. Crescent Insulated Wire & Cable Co., Trenton, N. J.

Driver-Harris Co., Harrison, N. J. Essex Wire Corp., 14310 Woodward Ave., Detroit, Mich.

General Cable Corp., N. Y. C.

Guthman, Edwin I., Co., 400 S. Peoria St., Chicago,

Lenz Electric Mfg. Co., 1751 N. Western Ave., Chicago, 111.

Northern Electric Co., Ltd., 1261 Shearer St., Montreal, Canada.

Phelps-Dodge Copper Products Corp., Los Angeles, Calif.

Rea Magnet Wire Co., Inc., East Pontiac St., Extended, Fort Wayne, Ind.
Wheeler Insulated Wire Co., Bridgeport, Conn.



THE LEGAL SIDE



"NEW PRINCIPLES in the LAW OF RADIO"

By Louis Nizer

Federal Trade Commission Procedure

Seventy-Fifth Congress Legislative Digest

Federal Communications
Bar Association

Legal Bibliography



Radio Annual's presentation, last year, of Mr. Nizer's article, "Radio Programs and New Radio Concepts" as well as the same author's article entitled, "Proprietary Interests in Radio Programs," printed in the Columbia Law Review, were bailed, not only by the industry but by the legal profession.

In presenting the following article we believe another valuable contribution is being made, not only in the field of radio law, but indeed, to the general philosophy of law.

Louis Nizer, a member of the law firm of Phillips & Nizer, is a prominent member of the New York Bar. He is an anthority on the law of screen, stage and radio. He is the author of the book entitled NEW COURTS OF INDUSTRY, and of other legal works, such as LITERARY PIRACY, AN ANALYSIS OF THE NATIONAL LABOR RELATIONS ACT, LAW OF RECEIVERSHIPS, THE LAW OF SUBSTITUTION IN MOTION PICTURES and other articles.

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ANALYSIS OF

NEW PRINCIPLES

OF THE

LAW OF RADIO

By LOUIS NIZER

Introduction

O sooner has the law crystalized itself in respect to certain problems of human conduct then new inventions arrive to test its basic philosophy and to require its adjustment to new conditions. The airplane and radio have afforded such new laboratories for critical legal self inspection.

The problems in radio may legally be divided into two broad categories,—substantive and adjective law. The first involves the application of well-known legalistic concepts to novel situations: Is a broadcast intended for local consumption interstate commerce because the radio waves travel across a state line? Is a broadcast defamation slander or libel? Is the broadcasting of news a property right? Does the right of privacy apply to a recording which is broadcast?,—and many other problems.

The second category involves a new quasi legal forum which has been created by Congress to grant or terminate radio licenses. It is called The Federal Communications Commission. Around it has developed special rules of procedure. This branch of law is adjective law, but it is nevertheless vital to an understanding of newly established legal rights in the domain of radio.

This article treats with the decisions in both fields. However, it is not merely a recitation of cases and their holdings. An effort has been made to evaluate and criticize as well as report. A survey of the various decisions affords an opportunity of comparison which a Judge is deprived of in an isolated case. From this vantage point of a better perspective an attempt has been made to indicate the proper developments of the legal principles and to criticize those decisions which do not contribute to the sound development of the law.

I. The Recent Development of the Substantive Law of Radio

Unfair Competition

An interesting problem today is whether radio stations may broadcast baseball games or other sport events without the consent of the owner of the club. These cases open a new vista in the law of unfair competition, which originally was limited to "passing-off" one's goods as those of another. The doctrine has, however, proved very useful, for it can be directed at the multifarious abuses which arise in our industrial system.

There are grave dangers in suppressing the news under any circumstances, for knowledge of events by the people is essential to the functioning of democracy. Injunctions should be limited solely to the type of broadcast which stresses amusement value, rather than the news. Most people listen to a play-by-play description of a game, or a blow-by-blow account of a fight to receive enjoyment therefrom. pleasure which substitutes for that of witnessing the spectacle. Against such competition protection may well be afforded. But a mere announcement of the result of an inning or round does not furnish amusement but solely news, and so should not be stopped. Using such a distinction, the courts may safe-Iv steer a course between the conflicting policy considerations: the desire to prevent unfair competition, and the need for freedom of the news. Such a rule would not impinge on a station's liberty to broadcast other events for in most of them, indeed no amusement value is present.

The leading case in the field is International News Service v. Associ-

ated Press, 248 U.S. 215. There the International News Service took stories by the Associated Press from early editions of newspapers and sent them to newspapers subscribing to its service. The Supreme Court enjoined this practice as unfair competition. In dealing with the question of whether the Associated Press had "unclean hands," which, under familiar equity doctrine, would bar it from any relief, the Court held that taking "tips" and investigating them was not unfair competition.

An attempt was made in Twentieth Century Sporting Club, Inc. v. Transradio Press Service, Inc., 165 Misc. 71, 300 N.Y. Supp. 159 (Sup. Ct. N.Y. 1937) to use this dictum to justify the defendant in broadcasting a running account of the Joe Louis-Tommy Farr fight. The defendant planned to take "tips" from a blow-by-blow broadcast of the fight and authenticate them by representatives at vantage points outside the stadium. But the Court declared, as is evident, that this was not the type of "tip" discussed in the International News Service case, but would rather amount to an "appropriation of the exclusive property rights of the plaintiffs." Although the Twentieth Century Club was not itself broadcasting the fight, the National Broadcasting Co. which was joined as a plaintiff, was to do so. Unfair competition would therefore be present, and the defendant was enjoined from his contemplated broadcasting.

The Supreme Court in the International News Service case carefully avoided a finding with respect to a property right in the news. A recent case reaches an opposite conclusion on this question. In *National Exhibition*

Co. v. Teleflash, Inc., 24 F. Supp. 488 (S.D.N.Y.) decided in 1936 but first reported in October 1938, suit was filed to enjoin the defendant from transmitting over telephone wires descriptions of baseball games in which the plaintiff's club, the New York Giants, participated. Plaintiff alleged that it did not know whether the news was obtained inside the park, or by observing the game from the outside. Tickets to the game did not prohibit the holder from broadcasting the contest. basis for the action was the plaintiff's asserted exclusive property right to news of the game while it was in progress. But the Court held that there was no contractual right involved, for no contract had been proved, nor was there any trespass which would warrant relief. Moreover, no competition between the parties existed, despite the fact that the Western Union Company would no longer pay for the privilege of announcing the results of innings, and that ticket sales were reduced by the broadcast. The Teleflash Company was held to have an absolute right to broadcast whatever they could see from outside the grounds.

However, Pittsburgh Athletic Club v. K.Q.V. Broadcasting Co., 24 F. Supp. 490 (W.D. Pa. 1938) held to the contrary. The Pittsburgh Club had sold exclusive broadcasting rights of its games to two companies who bought radio time from the National Broadcasting Co. Station K.Q.V. posted announcers outside the field, and gave a play-by-play description of the game. An injunction was sought by all the above parties against this practice. Tickets to the game were sold with the proviso that the holder agreed not to give out any news of

the game while it went on, but this obviously did not affect the defendant.

A preliminary injunction was granted on the ground that plaintiffs had a property right in the exclusive broadcasting rights with which defendant was interfering. Both plaintiff and defendant, it was stated, were using the news for profit, the latter indirectly by obtaining good-will.

The Court further declared that the Pittsburgh Club had a property right in the news, and a right to control the use thereof for a reasonable time following the game. This last dictum might lead to most undesirable results, including the suppression of news which is of vital importance to the general public. It is hardly likely that it will be followed in subsequent cases.

The case greatly stretches the boundaries of unfair competition. The Australian case of *Victoria Park Racing Co. v. Taylor*, 37 New South Wales 322 (1936) is in accord with the National Exhibition Co. decision rather than the Pittsburgh case. However, disregarding the wide scope of the dicta, and despite the dangers attached to it, the holding of the latter court would seem to be justified by the plaintiff's need for protection.

Patents

As was to be expected, patent litigation has arisen in the radio field within the past two years. Simple concepts of patent law were involved in *Maibohm v. RCA Victor Co.*, 89 F. (2d) 317 (C.C.A. 4th, 1937) where plaintiff sued for damages for past infringement and for an injunction to restrain further infringement of a patented combination switch and variable resistance device used in radio con-

struction. Two years before the patent was secured, complete details had been published in a radio magazine, and subsequently the device had been publicly used by other companies. The Court declared that either of these facts would suffice to render the patent invalid. In addition, the device was not patentable at all because it was a mere adaptation of a previous device requiring only mechanical skill and not inventiveness.

F. A. D. Andrea, Inc. v. Radio Corporation of America, 88 F. (2d) 474 (C.C.A. 3rd, 1937) cert, denied 57 S. Ct. 754 (1938) raised the issues involved in the present monopoly investigation. Broadly speaking, there is a conflict between the patent and the anti-trust laws. The essence of a patent is the grant of a monopoly, which allows the inventor either to manufacture the product or use the device himself, or to compel others to pay him for his permission to use the patent. But the patent laws probably did not contemplate complete domination of an industry by the use of patents. This may be accomplished by cross-licensing agreements whereby patent holders either with conflicting patents, or patents on successive stages in an industry, permit each other to use their patents. This effectively prevents anyone else from entering the field: a complete violation of the spirit of the Sherman Act. The monopoly investigation has shown the possibilities of abuse of patents. It has presented the automobile industry as a good group and some glass manufacturers as a socalled bad group, which by threats of suit for patent infringement and by other devices attempted to eliminate all competition in the industry.

The Andrea case was an effort to force an alleged monopoly based on cross-licensing agreements to grant the plaintiff a license under the same terms as other licensees. The Andrea Co. seized upon Justice Brandeis' dictum in Standard Oil Co. v. United States, 283 U.S. 163, 172 (1931) that "Unless the industry is dominated or interstate commerce directly restrained, the Sherman Act does not require cross-licensing patentees to license at reasonable rates others engaged in interstate commerce." The contention was, of course, that there was domination of the industry and hence that licenses to others could be required. But the question in the Standard Oil case was not whether licenses should be issued, but whether the defendants themselves had a monopoly in the field. Therefore, the statement, though apparently in point, had no application here. The Court further found that remedies given by the Sherman and Clayton Acts are exclusive, and that the right to a license is not so given.

Trade-Marks

In Emerson Electrical Mfg. Co. v. Emerson Radio and Phonograph Corp., 89 F. (2d) 349 (Ct. of Customs and Patent Appeals, 1937), aff'd on reargument, 90 F. (2d) 331 (1937), appellee applied for the registration of a trademark for radio and television sets and apparatus, consisting of a treble clef and the words "Emerson Radio and Television." Claiming that this mark would lead to confusion with its products, appellant opposed the registration. Appellant is the manufacturer of many types of electrical equipment and one piece of radio apparatus, a dynamotor. The registration of the mark was granted. The Court stated that the parties were engaged in essentially different fields of manufacturing and consequently there could be no confusion. Moreover, appellee was engaged in the manufacture of radios before appellant entered the radio field, and having this priority, was entitled to have its mark registered.

That the two companies were engaged in different lines of endeavor should not be the sole criterion for judging whether there will be confusion. It would seem that though the one party will not directly lose any sales by virtue of the fact that a similar mark is attached to a different product, yet the good-will attaching to the established mark will attach to the new product. This might have a deleterious effect on the original product. Assuming that manufacturer A produces a transmitter and has an established and highly resepected trademark. B, manufacturing receiving apparatus. emulates A's mark. No passing off can occur since the two products are dissimilar and hence a prospective purchaser of a receiving set is not lost to A who never had such equipment for sale. However, if B's product is of inferior construction and there is an association between the two products by the purchasing public. A must necessarily suffer. The esteem in which his product was formerly held will suffer because of the association of the two resulting from the similar mark.

Judge Learned Hand indicated the modern trend in trademark protection in *Yale Elec. Corp. v. Robertson*, 26 F. (2d) 973 (C.C.A. 2d, 1928), when he said:

"The law of unfair trade comes down to nearly this-as Judges have repeated again and again-that one merchant shall not divert customers from another by representing what he sells as emanating from the second. This has been, and perhaps even more now is, the whole law and the Prophets on the subject, though it assumes many guises. Therefore it was at first a debatable point whether a merchant's good-will, indicated by his mark, could extend beyond such goods as he sold. How could be lose bargains which he had no means to fill? What harm did it do a chewing-gum maker to have an ironmonger use his trademark? The law often ignores the nicer sensibilities.

"However, it has of recent years been recognized that a merchant may have a sufficient economic interest in the use of his mark outside the field of his own exploitation to justify interposition by a court. mark is his authentic seal; by it he vouches for the goods which bear it; it carries his name for good or ill. If another uses it, he borrows the owner's reputation, whose quality no longer lies within his control. This is an injury, even though the borrower does not tarnish it, or divert any sales by its use; for a reputation, like a face, is a symbol of its possessor and creator, and another can use it only as a mask and so it has come to be recognized that, unless the borrower's use is so foreign to the owner's as to insure against any identification of the two, it is unlawful."

On the basis of Judge Hand's opinion it is doubtful that the ground that the two companies manufactured different products is impelling. Clearly both manufacture products for the radio industry. Consequently it is quite conceivable that there will be an association between the products of each.

Whereas the law of trade-marks and trade-names has generally been concerned with similarity in appearance. the development of large scale radio advertising has caused a corresponding growth and development in the law. An apt illustration is to be found in In Re Dutch Maid Ice Cream Co. 95 F. (2d) 262 (Ct. of Customs and Patent Appeals, 1938). This was an appeal from a decision of the Commissioner of Patents refusing to register the trade-mark "Dutch Maid" as applied to ice cream because of its similarity to a previous trade-mark for ice cream "Dutchland Made." The Court in affirming this ruling posited its holding on the ground of confusion. Said the Court:

"The words 'maid' and 'made' have precisely the same pronunciation, and since the radio is one of the largely used mediums of advertising products, sound is of great importance and must enter as a very necessary factor in considering the likelihood of confusion in trade."

It is interesting to note that there had been no radio advertising of the product but the Court felt that the manufacturer would advertise on the air if he decided that he would gain by so doing.

The result here seems eminently fair. Even though it is doubtful that the words used constitute a technical trade-mark, the name "Dutchland Made" should be protected. Geographic names are protected if they

are used not to denote the *place* of origin but are associated with a particular manufacturer or producer. The similarity is probably not too apparent if the oral senses are excluded from consideration. But with the possibility of the use of the radio with its vocal presentation of the name, the probability of confusion increases, and becomes readily apparent. In view of this possibility it would appear that this decision should be followed under similar circumstances.

Not only are trademarks and tradenames protected. The patent and copyright laws protect inventions and original literary and musical compositions. In fact the law has gone further in the protection of "rights" of persons for their creative endeavors. Thus in Waring v. WDAS Broadcasting Station, Inc., 327 Pa. 433, 194 Atl. 631 (1937) an injunction was issued to prevent the defendant from broadcasting recordings made by the plaintiff.

Fred Waring had made recordings which were sold with a label which read "Not licensed for radio broadcasting." The defendant, disregarding the label, broadcast the records. In granting the plaintiff (Waring) the injunctive relief for which he had prayed, the Court invoked several grounds. Firstly, the age-old, albeit tenuous, basis of "property rights" was put forth. An artist, pointed out the Court, adds something to the composition he plays by his interpretations. The entire product (here, composition and playing) need not be the creation of one person to be the subject of protection. One whose interpretation is unique and has a high commercial value has a property right in such an interpretation.

The fact that a recording was made

and sold did not constitute a publication which would release plaintiff's rights. The issue in the instant case was not affected because some restrictive covenants attached to personal property had been voided as being in restraint of trade. The copyright laws are inapplicable since they do not protect the rights here claimed. Moreover, plaintiff was not attaching a restrictive covenant to a chattel for he was not selling the physical record but rather the incorporeal privilege of reproducing the rendition of the song.

The famous Associated Press case was also used by the Pennsylvania Court to support its result. In that case the doctrine of unfair competition was broadened to include a prohibition upon pirating exclusive news reports even though there was no fraud. Further, the intent not to dedicate the property (news) to the public had to be inferred from the circumstances: here such an intent was made express. Plaintiff and defendant were competitors since both entertained the public over the radio. Both obtained revenue from advertisers, and defendant, by utilizing Waring's recordings, could eliminate practically all of the cost of entertainment. Plaintiff would then find it difficult to secure large fees if his recordings could be rebroadcast free of charge. Although no direct charge was made by defendant for this entertainment, it was designed to obtain advertisers to broadcast from its station, and was therefore for profit.

One further ground given was that if the courts did not protect persons like the plaintiff, artists would refuse to make recordings.

Judge Maxey in a separate concurring opinion refused to say that there

was unfair competition since that concept requires "passing off" — selling one's goods as those of another. But he maintained that the judgment should stand on the ground that this was an invasion of the right of privacy. He favored this doctrine because it would include recordings made by anyone and was not limited to those whose work was considered artistic.

The Waring case raises several interesting questions. In the first place to ground the decision on "property right" is to use a conceptualistic shibboleth which should be avoided. Property rights are not found in the physical order, not found in vacuo. Rather, when we say "property" we refer to a bundle of legal rights, powers and privileges. This bundle is the creature of the law. The fundamental attributes of "property" would not exist without the sanctions of the law. Thus when a court says that an artist has a property right, it is merely stating that it will give the artist some type of protection and not that in the natural order of things a musical rendition is property.

As to the right of privacy, Judge Maxey seems to have erred. The right of privacy is generally conceived to refer to the personal privacy of the plaintiff—his right to be let alone. While Warren and Brandeis in their article The Right to Privacy in 4 Harvard Law Review 193 (1890), suggest that the right to intellectual and artistic property is but an example of the common law concept of the right of privacy, there are definitions more limited in scope. In New York, for example, the statutory definition embodied in Section 50 of the Civil Rights Law is

much more restricted. It is defined as the use for purposes of trade or advertising of any living person's name. picture or portrait without his consent. Certainly the acts complained of in Waring v. W.D.A.S. Broadcasting Station, do not fall within the statutory definition. Nor does it seem possible to invoke the doctrine of privacy on any other ground where, as here, the person seeking protection behind the cloak of the "right of privacy" has permitted, and in fact desired, a widespread dissemination of the recordings. However, a desirable feature of Judge Maxey's opinion is that protection is afforded to all who make recordings and not only to those who attain some undefined standard of artistic ability.

In Browne v. Molle Co., 20 F. Supp. 135 (S.D. N.Y. 1937) we find the reiteration of the familiar principle that where an employee invents or creates something as part of his duties the new thing becomes the property of the employer. Plaintiff, in Browne v. Molle Co. had been engaged by an advertising agency to direct a radio program for the defendant company. Using the melody of a well-known tune without the consent of the composer, plaintiff added new lyrics to create a theme song for the broadcasts. Four months after plaintiff left that program he had the song copyrighted and proceeded by a bill in equity to enjoin infringement of the copyright. The court held for the defendant.

Plaintiff's copyright covered merely the new lyrics, for the composer of the music had not consented to the use of the melody. While plaintiff wrote the words, they belonged to the advertising agency (plaintiff's employer) in trust for the defendant since as part of his duties as program director, plaintiff was required to write a theme song. Moreover, plaintiff did not regard the song as his property, for he did not demand additional remuneration for its use, nor did he copyright the work until a few months after it was written. Thus, the doctrine that "where an employee creates something as part of his duties * * *, the thing created is the property of the employer" was applicable and plaintiff was entitled to no relief.

Taxation

The interstate character of radio broadcasting has been aired in two recent Georgia cases. Both cases involved local taxes. In City of Atlanta v. Atlanta Journal Co., 198 S.E. 788 (Ga. 1938) the City of Atlanta levied a business license tax on local broadcasters who are defined as those selling time for local advertisements to be transmitted to residents of the State of Georgia. An exception was made for stations engaged solely in rebroadcasts or broadcasts intended entirely for non-residents of that state. Plaintiff. which sought to have the collection of the tax enjoined was engaged in rebroadcasting and in broadcasts originating locally and paid for by local advertisers. However, all its broadcasts reached residents of Georgia and also of other states. The highest court of Georgia, in holding for the plaintiff and enjoining the collection of the levy construed the tax ordinance to be confined in scope to stations broadcasting or intending to broadcast only to Georgia residents. Hence, plaintiff was not within the purview of the enactment. Such a construction undoubtedly follows the familiar canon of statutory interpretation: statutes are to be construed in such a manner that questions of constitutionality will be avoided where possible. Had the Georgia court ruled that the plaintiff was subject to tax under the terms of the ordinance, the tribunal would then have been faced with the question of whether or not this tax was an unconstitutional interference with interstate commerce.

The question of the constitutionality of an occupation tax was litigated in Atlanta v. Southern Broadcasting Co., 190 S.E. 594 (Ga. 1937). Plaintiff brought this suit to enjoin the sale of property for the collection of the tax, contending that the levy was a burden on interstate commerce and therefore invalid. The facts indicated that the broadcaster transmitted programs of the Columbia Broadcasting System wired in from other states. Approximately 70 per cent of the time sold was vended to local advertisers and broadcast to hearers not only in Georgia, but also in other states. The city conceded that programs rebroadcast were interstate communications but argued that the programs broadcast which originate locally were intrastate communications. Answered the Court:

"Such assumption is erroneous. It makes no difference where the communications originate; the question is, Do the communications cross a state line?"

Since the broadcasts were heard beyond the state they were interstate communications. Settled doctrines of constitutional law permit a state or municipality to levy an occupational tax on a person engaged in both interstate and intrastate commerce provided that it is imposed solely on the intrastate business and "that the person taxed could discontinue the intrastate business without withdrawing also from the interstate business." Intrastate broadcasts of the Southern Broadcasting Co. could not be abrogated without discontinuing the interstate communications. Hence the tax here involved was declared invalid.

The decision in City of Atlanta v. Southern Broadcasting Co. would have been sounder if the stress were put on the unreasonableness of the interference with interstate commerce rather than upon mere interference. The fact that the tax does touch the interstate aspect of the business should not be a sufficient reason for invalidating it. The growth of the concept of reasonableness in constitutional law points a way out. If the tax in question is of such a nature or severity that the taxpaver's business is impaired or no longer profitable, then the tax should clearly be held bad. On the other hand where the business can absorb the burden without decrease in efficiency the tax should be held valid. Surely a factual analysis similar to the inquiry of reasonableness in due process questions could be more desirable than a flat ruling that all taxes imposed upon interstate business are an invalid burden on interstate commerce.

Defamation

The law of defamation presents an interesting question: Is the radio broadcast of a defamatory utterance a libel or is it a slander? The importance of this query is obvious. In the case of a libel the law presumes that the plaintiff has been injured by the publication of written defamation

and hence actual damages need not be proven; in the case of the spoken word no such presumption is made and proof of actual pecuniary damages must be made unless the defamation falls into the class of slanders per se.

The New York Appellate Division refused to state its opinion on the question in Locke v. Benton and Bowles. Inc., 253 App. Div. 369 (1st Dept. 1938). Plaintiff alleged that defendant committed actionable defamation in that it broadcast from a script prepared by plaintiff, a newswriter, and inserted false statements concerning the conditions under which the broadcast was given, and described, various matters in such a way as to injure plaintiff's reputation as a reporter. A motion to dismiss the complaint was granted on the ground that the pleading was insufficient for the manner in which the alleged interpolations were made was not clear from the complaint. the defamatory language not having been set forth in the complaint. It was not necessary that the Court decide whether the action was for libel or slander since injury to a person's reputation in his trade or profession is slanderous per se, and as in the case of libel, proof of actual damage is not required.

Whether words spread by means of radio communications are considered slanders, libels or placed in some new classification, traditional doctrines of the law of defamations are being applied to the situations where radio is involved. Thus, the defense of truth has been held sufficient. (Fleisig v. Debs Memorial Radio Fund, Inc. reported in New York Law Journal, Jan. 24, 1938.) There the defendant had announced that plaintiff had been

convicted in the Magistrates' Court of simple assault. Plaintiff moved to strike out defendant's defense that complaints had been filed against defendant for disorderly conduct based upon an assault he had committed. The motion was denied. While there is a technical distinction, between assault and disorderly conduct, laymen are not apt to draw that distinction. When the truth is practically the same as the defamation, no harm is done.

A long established principle was applied recently by the Supreme Court of New York. In Arnold v. General Foods Corp. reported in N. Y. Law Journal, March 30, 1938, the alleged defamation occurred in a radio broadcast which concerned seemingly fictitious personages. The defendant's motion to dismiss the complaint was denied. The instant situation is different from a statement or comment about an actual person with whom plaintiff's allegation show he could not have been identified. Here the inquiry is whether or not a reasonable person would have thought that the defamatory utterance was about the plaintiff.

Nor would it seem to absolve the defendant of liability that the broadcast was prefaced by some remark to the effect that "all characters are fictitious and any resemblance is purely a coincidence and has no bearing or relation to any living person." In his renowned essay "Privilege, Malice, and Intent," Holmes said:

"When it is shown that the defendant's act has had temporal damage to the plaintiff for its consequence, the next question is whether that consequence was one which the defendant might have foreseen. If common experience has shown that some such consequence was likely to follow the act under the circumstances known to the actor, he is taken to have acted with notice, and is held liable * * *."

Applied to the present situations, if it could reasonably be foreseen that the words would be considered to be about the plaintiff and that as a result of the words he would be held up to ridicule, hate, shame or injured in his business, trade or profession, then the fact that the production is fictitious or was preceded by the blurb should not exonerate the defendant.

A Judge is absolutely immune from responsibility for defamatory words published in judicial proceedings. The fact that he permitted a trial to be broadcast would not change his privilege. Irwin v. Ashurst, 74 P. (2d) 1127 (Ore. 1938) so held. Plaintiff was a witness who testified in a murder trial. During his summation, one of the defendants, counsel for the defense in the murder trial, described plaintiff as a dope fiend and said he was lower than a rattlesnake. statement as well as the other portions of the trial were transmitted by radio by permission of the Judge with the consent of counsel. Judicial immunity was not vitiated because of the permission granted. There is nothing illegal about broadcasting a criminal trial. Although the American Bar Association disapproves of such a practice, it is matter within the discretion of the trial court. Broadcasting without comment is no different from publication by a newspaper. The attorney was qualifiedly privileged if his remarks were pertinent to the issues or

even irrelevant, if not malicious. A broadcast of said remarks would be privileged; the broadcasting station not subject to liability.

A case involving defamation as well as the right of privacy and unfair competition is Gardella v. Log Cabin Products Co., 89 F. (2d) 891 (C.C.A. 2nd, 1937). A judgment was had by the radio and stage performer "Aunt Jemima" for the use of that name on three broadcasts. When defendant could not succeed in hiring plaintiff it hired another woman who sang and spoke like plaintiff. The judgment was reversed by the Circuit Court of Appeals. Stage names, such as plaintiff's, are entitled to protection under the New York Civil Rights Law which protects the right of privacy. However, defendant had used the name "Aunt Jemima" as a trademark and for advertising purposes long before plaintiff began to use it. For the impersonation defendant was guilty of "passing off." But only nominal damages were imposed.

On the defamation point, plaintiff had a cause of action if there was a deception to the effect that the impersonator and plaintiff were one. The defamation consisted in the inferior quality of the impersonation, since it detracted from professional reputation. Injury by defamation to professional reputation is actionable and damages recoverable without proof of actual injury. Plaintiff was unsuccessful here, however, for it was only necessary that the Aunt Jemima on the program be identified as the fictitious Aunt Je-This was done and thus though there was some degree of imitation, there was no deception.

Contracts for Radio Time

Two diverse tendencies in the interpretation and construction of contracts for time are apparent. Illustrating the strict view is Barney's Clothes, Inc. v. WBO Broadcasting Co., 165 Misc. 532, 1 N.Y. Supp. (2d) 42 (Sup. Ct. 1937). Defendant broadcasting company had agreed to give plaintiff certain specified amounts of time and also to give it a certain number of special announcements. Plaintiff paid in full. The program given was not as long as the time contracted for, nor were the full number of annonncements made. Alleging these facts, plaintiff brought an action to recover the full contract price. A motion to dismiss the complaint, interposed by the defendant was denied. The Court said:

"* * * where a defendant receives the full payment on a contract that he was required to perform fully and he has partly performed, then any moneys paid to him may be recovered."

The contract was held to be an entire one, and the promissor required to show full performance to receive or retain payment. A more liberal construction was given in *Hello World Broadcasting Corp.* v. *International Broadcasting Corp.*, 186 La. 589, 173 So. 115 (1937). A rather involved contract contained a provision giving plaintiff \$5,000 worth of advertising time on the station. After plaintiff had used \$2,250 worth of its time, the station assigned its part-time rights to the 850 kilocycle channel and received an assignment of a continuous full-

time wave length of 1100 kilocycles. Plaintiff claimed damages for the balance of the contract averring that advertising over the new channel was valueless. There was no provision in the agreement requiring the defendant to maintain any particular wave length, the contract merely specifying that plaintiff was to have \$5,000 worth of advertising "time on the station." On appeal, judgment for the plaintiff was reversed and suit dismissed. Under the terms of the contract defendant was under no duty to retain its old wave length. Morcover, the evidence showed that the value of advertising increased upon the change of wave length due to the fact that the station could operate on a full-time rather than parttime schedule. Consequently, plaintiff had proven no injury.

The Barney's Clothes case seems to be entirely too harsh. Generally where one is dissatisfied with a purchase because it does not meet the contract terms, he must return the goods in order to become privileged to demand repayment of the full purchase price. Where the purchaser retains the goods he is entitled to damages which are measured by the difference between the price paid to the vendor and the value of the goods received and retained. Here, of course, the purchaser of the time-if the advertiser can be considered as vendee—is not in a position to make restitution. Having received the benefits of the time, he should not be allowed to retain those benefits and at the same time recover the full contract price. The undesirable result is brought out in sharper relief when the logical consequences of that case are examined. Suppose. for example, a large network has contracted with an advertiser for a five year period, the full price being payable in advance. On the sponsor's last program an important news event occurs, and the network interrupts the program to relay the information. In so doing, the advertiser has been deprived of the full time to which he was entitled under the contract, and since the broadcaster cannot show full performance an application of the doctrine announced in the Barnev's Clothes case, would mean that the sponsor received almost five years' free radio time

The decision of Hello World Broadcasting Corp. v. International Broadcasting Corp. seems to be correct. Assuming the contract had been interpreted to require continuation of the 850 kilocycle wave-length, an interesting question would be raised. In the case under discussion the evidence indicated that the value of advertising on the station had appreciated as a result of the change to the new wave-Had the evidence indicated length. the contrary, plaintiff undoubtedly would have suffered some loss. But how would his damages be assessed? If the contract specified a given number of hours at a designated rate then the measure of damages would be the difference between the contract price and the new rate. But if the contract did not state the number of hours to which plaintiff was entitled, it is difficult to see what loss he would suffer if the defendant increased the total time on the air so that the advertiser received his full quota of \$5,000 worth of time.

II. Regulation under the Federal Communications Commission Criminal Provision

The Courts have for the first time interpreted several provisions of the Communication Act of 1934. One section of that statute (47 U.S.C.A. Sec. 325 (b)) was construed in *Baker* v. *United States*, 93 F. (2d) 332 (C.C.A. 5th 1937), cert. denied 58 S. Ct. 646. Defendants were indicted and convicted for violating that enactment, which declares:

"No person shall be permitted to . . . maintain * * * a * * * place * * * from which or whereby sound waves are converted into electrical energy, or mechanical or physical reproduction of sound waves produced, and caused to be transmitted * * * to a radio station in a foreign country for the purpose of being broadcast in the United States, without first obtaining a permit. . . ."

The defendants had made phonographic recording of speeches in the United States, and had then sent them to a radio station in Mexico from which point they were to be broadcast to the United States. On appeal, the Circuit Court of Appeals reversed the conviction, holding that though it might well have been the intent of Congress to proscribe the acts described, the statutory language was not clear enough to include them. Here there was no conversion into electrical energy since the words "sound waves are converted into electrical energy" refer to direct transmission by radio or telephone to the foreign station.

Nor was there any "reproduction of sound waves" in the United States (the only place within which the defendant could be charged by the United States with having committed a crime) since the recording of speeches does not constitute a "reproduction." The sound waves were reproduced only when the records were played, and this was done in Mexico.

Normally, the courts interpret statutes in such a manner as to give the greatest effect to the intent of the enacting legislature. Well established exceptions are recognized in the case of statutes "in derogation of the common law," statutes imposing penalties and penal statutes. The court in *Baker* v. *United States* applied the rule in the usual fashion, resolving doubts in favor of the defendants.

Evidence

Perhaps the most significant feature of the Federal Communications Act is the power granted to the Communications Commission. As is the fact in the judicial surveillance of other administrative tribunal, the scrutiny of courts over the Commission is directed mainly at matters of procedure. Greater familiarity with adjective law than with the technical phases of the subject matter handled by the Commissions and boards undoubtedly is the chief factor responsible for this emphasis.

Frequently, however, the reliance on common law leads to questionable results. Thus in some instances requirements of rules of evidence have been followed and technically applied although when originated and developed, they were intended as safeguards for untrained jurors and not as restraints upon expert administrative boards. In Tri-State Broadcasting Co. Inc. v. F.C.C., 96 F. (2d) 564 (App. D.C. 1938) the Commission granted a license to one Roderick to construct a radio station in El Paso. Texas. The plaintiff, operator of two stations there, intervened and appealed as a person aggrieved. Reversing and remanding, the court held inter alia, that Roderick's testimony was inadmissible because it was hearsay. Such a decision, placing conventional judicial limitations upon administrative tribunals seems clearly a step backward not only because the triers of the facts here are not untrained laymen but because the hearsay rule itself is so limited by exceptions that leading writers have questioned its efficacy.

A more liberal tendency was evinced in Eastland Co. v. F. C. C. 92 F. (2d) 467 (App. D.C. 1937). In the appeal it was urged that the decision of the Commission was invalidated because two of the three members participating in the decision had not been members. when the hearings were had. Court upheld the Commission on the ground that the new members had the stenographic reports of the oral testimony and the other evidence. Such a decision is a relaxation of the common law rule that a change of Judges, trying a case without a jury, is a mistrial. On the other hand, it is a frequent practice to refer cases to special masters to examine facts and report to the tribunal which ultimately decides for itself. Familiarity with this practice probably influenced the Court in the Eastland case in arriving at its liberal decision.

Findings of Fact

In connection with these cases dealing with the Federal Communications Commission as triers of facts, the decisions concerning the nature of "findings of fact" are in point. In Tri-State Broadcasting Co. Inc. v. F. C. C., discussed supra, one of the grounds for reversing the decision of the Commission was that the findings of fact were insufficient. The Court held that the finding that there was a public need for the new station was not based on proper facts. The basic findings about the population of El Paso (where the station was to be constructed), and the industries and number of stations serving that community did not support a finding that another station was required. The Court stated that basic findings which would support an ultimate finding of need, were that existing service was inadequate, either because of financial inability, or bad management, or because of the amount of business.

In the *Tri-State* case the Court relied upon a case it had just decided. Saginaw Broadcasting Co. v. F. C. C., 96 A. (2nd) 554 (App. D.C. 1938). The latter case contains much language helpful in ascertaining what the Court understands by the requirement that the Commission make findings of fact.

In discussing the content of findings of fact, the Court spelled out the process by which the administrative agency arrives at a decision: Said the Court:

"The process necessarily includes at least four parts: (1) evidence must be taken and weighed, both as to its accuracy and credibility; (2) from attentive consideration of this evidence a determination of facts of a basic or underlying nature must be reached; (3) from these basic facts the ultimate facts usually in the language of the statute, are to be inferred or not, as the case may be; (4) from this finding the decision will follow by the application of the statutory criterion."

Thus before the Commission grants a permit to construct a new station, it must hear evidence on the number of stations operating on the wave-length applied for, the power of those stations, etc. Weighing this evidence, which may be of a conflicting nature. the Commission makes a determination of a basic fact.-that there will or will not be electrical interference. From this basic fact the ultimate fact, that the public convenience, interest or necessity will or will not be served, will be derived. Having reached this ultimate fact, the Commission will then be in a position to grant or deny the permit.

In the same case the Commission admitted that it had erred in its finding relative to plaintiff's proposed hours for broadcasting. Counsel for the Commission argued that the error was not prejudicial since there was evidence before the Commission from which correct findings could be made and that these findings would support the decision. This contention was correctly rejected. As the Court stated, this argument if pressed "to a not too remote logical conclusion" would make

it impossible for the Court to reverse the Commission, on the grounds that findings are erroneous since not supported by evidence, if there was evidence to substantiate a finding that would sustain the result.

"The question is not whether a correct finding could have been made the basis for the same decision by the Commission, but whether the finding on which the decision was actually based was a correct one."

It might be appropriate to ask: why require the administrative boards and tribunals to make findings of fact? The answer is simple. The Federal Constitution, in Amendment Five, declares that no person shall be deprived of his property without due process of law. One of the many facets of the mystical phrase "due process of law" is the requirement of a fair trial. Accordingly, the statutory mandate for findings of fact is a guarantee that cases within the jurisdiction of these quasi-judicial tribunals will be decided according to the evidence and law rather than arbitrarily or from extra-legal considera-Not only do findings apprise the parties of the grounds for decisions but they also serve to give the Appellate Court the factual basis for the Commission's ruling so that the former tribunal may determine whether the case was decided in accordance with the essentials of due process or according to the caprice of the administrative officials.

Where the Commission acts arbitrarily the Court, on appeal, will reverse the judgment and remand the case for reconsideration. An apt illustration of this point in the leading case of *Heitmeyer v. F. C. C.*, 95 F.

(2d) 91 (App. D.C. 1937). Court of Appeals for the District of Columbia held that the findings of fact were not supported by substantial evidence and hence they were arbitrary and capricious. The applicant, manager of a station, intended to finance his own station by a loan from his employer. If his petition was granted. stated the applicant, he would organize a corporation and assign the license to it. The Commission found that there was not a sufficient showing of financial responsibility, since (1) the station would be subject to foreclosure if the loan was not repaid and (2) the plan depended upon the Commission's approval of the assignment of the license to the corporation. The Court said that these were not findings of fact but rather arguments and speculations.

Furthermore, t h e Commission's statement that the record was silent as to the estimated revenue of station was clearly an arbitrary and therefore, bad finding. The Examiner made a specific finding on this point and, said the Court, while the Commission is not concluded by such a finding, it must make its own. Moreover the law in dictum indicated that it would be unwise to force the applicant to go to the expense of forming a corporation whose whole purpose would fail if the application were denied, and hence an objection on that basis might be capricious.

The fact that the equipment might be foreclosed if the loan were not repaid did not demonstrate financial unsoundness. Although financial control, by the lender, is strong, that merely puts the burden on the applicant to show that he can operate the station free from the control of any person as proscribed by the statute. While the possibility that the licensee might lose control to such a person would justify denial of a license, yet where, that person is clearly not within the prohibited class (since he already held a license from the Commission) a license could not be refused on that ground.

In connection with problem of findings, there is another important point brought to light in Missouri Broadcasting Corp. v. F. C. C., 94 F. (2d) 623 (App. D.C. 1937) cert. denied 58 S. Ct. 759. The appellant's application for a permit to construct a radio station was denied by the Commission on September 22nd, 1936, but the reasons for the denial and the statement of facts was not filed by that body until October 7th. Prior to that date, on October 5th, the applicant filed a petition for rehearing and on October 21st a supplemental petition. Upon denial of rehearing, an appeal was prosecuted to the Court of Appeals for the District of Columbia. The appellant contended that it was insufficient for the Commission to hand down a decision denving a license on the ground that it was not in the public interest, without specifying the reasons for such a ruling. Concurring in this contention, the Court pointed out that the language of the statute clearly implies that the grounds for such action must be given by the Commission. The clause permitting the Commission to file findings of fact thirty days after an appeal is taken refers only to formal findings of fact and not to a statement of grounds for a decision. If the latter are not given, an appellant who must assign reasons for the appeal might well give reasons wholly different from those later asserted by the Commission as the basis for its ruling. This would give rise to delay, for amendments to the pleadings on appeal would be required and would also afford the Commission with an opportunity to answer appellant's reasons for appeal in its findings of This latter contingency would be palpably unfair to the applicant. the instant case, however, the court refused to reverse its decision since the error was not prejudicial, the reasons for the denial having been filed by the Commission before appellant filed its supplemental petition for rehearing.

Injunctive Relief

Turning to a more technical phase of procedure before the Federal Comnunications Commission and the appeals to the judiciary from that body, the case of Moncasy Broadcasting Co. v. Prall, 90 F. (2d) 421 (App. D.C. 1937) is of interest. Plaintiff sought an injunction to restrain the Commission from holding a hearing on its application for a license to construct a radio station which had previously been granted, and to enjoin the issuance of a modified permit. The argument adduced by the plaintiff was that under the Commission's rules, no further hearings could be had. The district Court dismissed the bill for an injunction. On appeal this decision was affirmed. Under Section 402 (b) (2) of the Communications Act of 1934 the appellant had the right to take a direct appeal to the Court of Appeals. The Court declared that this

statutory procedure presented the plaintiff-appellant with an adequate legal remedy. A bill for an injunction is an equitable remedy and since equity will not presume to take jurisdiction when there is an adequate legal remedy, the bill was properly dismissed.

The reasoning of the Court in this case is subject to some criticism. say that a party having an adequate remedy at law is precluded from invoking the jurisdiction of the chancery Courts is question begging. first place there is no clearly defined scope of adequacy, and in many instances that concept is circumscribed by notions explicable only by recourse to the history of equity jurisprudence. For example, a contract for the sale of an acre of Arizona desert land will be specifically enforced in equity whereas the vendee of any but a "unique" chattel will be remitted to his legal remedies. The distinction drawn is that any given piece of land is different from any other piece and consequently damages granted by a court of law cannot recompense the purchaser. Not so with chattels, they can almost always be supplanted by a similar article. But is an acre of Arizona desert any more unique than, e.g. a 1939 radio? The answer to this anomoly is found in history. In the early days of English equity each piece of land really was unique. It is that thought which is carried over into and explains the doctrines today.

Moreover, the legal remedy is rarely as effective as the equitable, and hence is never as "adequate." That is, in an action on a contract to sell, for example, damages are seldom as com-

plete a recompense as a recovery of the chattel itself, especially, since it takes a long time to obtain a judgment. and, of course, after a judgment is finally recovered, the defendant might well be judgment-proof. Applied to the instant case, the delay and possible pecuniary loss incident to waiting for the hearing, application for rehearing and finally the appeal and remanding, if the Commission's ruling was erroneous, undoubtedly make the "legal" remedy less desirable than the speedy injunctive relief. However, the ruling of the Court can be upheld on the ground that where the statute creates the procedure, that procedure is the exclusive one.

Exclusive Appellate Jurisdiction

One other point in Moncasy Broadcasting Co. v. Prall, is the dictum which gives judicial emphasis to the Congressional provision that the Court of Appeals for the District of Columbia has exclusive jurisdiction over appeals from the Federal Communications Commission. Whether or not this is a wise policy is open to doubt. It might be that if one tribunal passes on all cases it will become more expert and hence more efficient in the administration of the statute. On the other hand it easts a burden upon appellants since they are obliged to go to Washington to prosecute appeals, whereas the various Federal Circuit Courts of Appeal are more conveniently located and presumably just as learned in the law and as efficient as the District of Columbia Court of Appeals.

Time of Appeal

On the question of the time within which an aggrieved person may appeal from a ruling of the Commission, Saginaw Broadcasting Co. v. F.C.C., discussed supra, is in point. In that case plaintiff's application for a license for a station was denied and plaintiff moved for a rehearing. Within twenty days of the denial of the motion but more than twenty after the effective date of the original decision, plaintiff appealed. The Court held that the appeal was timely and hence valid. The running of the period for appeal is suspended by the petition for rehearing even though applications for rehearing do not postpone the enforcement of the Commission's orders.

This decision is a necessary consequence of the cases holding that an appeal cannot be taken until all remedies before the Federal Communications Commission are exhausted. One such case is Red River Broadcasting Co., Inc. v. F.C.C. 98 F (2d) 282 (App. D.C. 1938). Appellant appealed from a decision of the F.C.C. which had granted a permit to one Baxter for the construction of a broadcasting station. Appellant was the owner of a station with which the proposed station would allegedly compete. It had not intervened in the hearings before the Commission, but, claiming it was a person aggrieved and adversely affected by the Commission's decision, the appellant entered the matter for the first time on this appeal. A motion for an order to dismiss the appeal was granted. Remedies before the Commission must be exhausted before an appeal will be entertained.

Under the Commission's rules any

interested person may appear before it. Appellant might have intervened, asked for an extension of time, a hearing, or a rehearing. The latter possibility might have been asked within the same twenty day period after the decision of the Commission within which this appeal was brought and would have afforded complete relief. Appellant urged that the foregoing considerations were inapplicable to its case since it had not received formal notice from the Commission. The Communications Act does not require such notice and whether or not the rules of the Commission require such notice does not have to be decided for appellant had actual notice. This is a necessary conclusion with respect to the petition for rehearing because of the identity in time for appeals and rehearings.

Another reason for rejecting the appeal is an illustration of the point discussed above-that courts are loathe to go into the substantive aspects of rulings of administrative bodies. Court here said that it would not substitute its discretion for that of the Commission as would necessarily be the case should it consider appellant's interests. Appellant's further contention that its request would have been denied and that therefore it would have been futile to proceed before the Commission was likewise rejected. One must first apply for administrative relief and if this is denied, then and only then, does the judiciary have jurisdiction.

Also illustrating that administrative remedies must first be exhausted is *Southland Industries, Inc. v. F.C.C.* 99 F. (2d) 117 (App. D.C. 1938). On July 13th an adverse decision of the

Commission became effective. On the 20th of July, plaintiff filed a petition for rehearing. Before the Commission acted upon that petition—on August 2nd-plaintiff appealed to the Court of Appeals for the District of Columbia. On August 18th, the Commission dismissed the petition for rehearing. The appeal was dismissed because it cannot be taken from an interlocutory order. An order of the Communications Commission is not final until a petition for rehearing had been acted upon. Therefore, the Court had no jurisdiction since the Commission still had it and two tribunals could not simultaneously exercise jurisdiction over the same case. Even assuming that the Court had jurisdiction, it would dismiss the appeal since rehearings should be used by aggrieved persons.

The fact that the petition for rehearing had been dismissed did not mean that it was no longer entertained by the Commission and that therefore the Court had jurisdiction. A petition for a rehearing is not a matter of grace but of right and hence the Commission was without power to refuse to entertain the petition. Thus, the petition was still pending, the order dismissing it having been improvidently made.

The Southland Industries case was followed in Woodmen of the World Life Ins. Assn. v. F.C.C. 99 F (2d) 122 (App. D.C. 1938). Without waiting for the Commission to take action on its motion for rehearing, appellant filed an appeal. On the authority of Southland Industries, Inc. v. F.C.C., the appeal was dismissed. Plaintiff contended that as a practical matter all parties had treated the petition for rehearing as abandoned and that it had

been retired to the closed file of the Commission. The Court, however, held that jurisdiction could not be conferred upon the Court by the consent of the litigants. This statement was not wholly accurate for in most instances jurisdiction over the person of a litigant can be given by consent. What the Court must have intended was that consent to jurisdiction over subject matter cannot be given where lack of jurisdiction inheres in the cause. The Court went on to demonstrate that the plaintiff had not abandoned its petition since the appeal was taken because the Commission had not acted upon the petition. Plaintiff's third proposition that it had spent a large sum to prosecute the appeal was similarly disregarded since pecuniary expenditures do not act to make up a defect in jurisdiction.

Who May Appeal

Leaving the more strictly procedural aspects of appeals, we come to the question of who may appeal, that is, who has an "appealable interest".

In Pulitzer Publishing Co. v. F.C.C. 94 F (2d) 249 (App. D.C. 1937) an appeal was taken from an order of the Commission which granted a permit for the construction of a new station. Appellant which had applied for an increase in time, intervened in this proceeding to oppose the application. The Court held that the Pulitzer Co. was "without right to appeal because its application for increased facilities is still pending * * *." The appellant contended, however, that it was an aggrieved person and could therefore appeal. The reasoning of the intervenor was that the Commission had no authority to act upon the application for a new station before it had disposed of its own application on the ground that a broadcasting company is a public utility and that a new utility ought not be allowed to enter a field already occupied by one until the established company is given an opportunity to enlarge and extend its services. In answering this argument the Court pointed out that a radio broadcasting station is not a public utility in the sense that. for example, a railroad is. The public does not have the legal right to demand its service; the power of Congress has not been extended to the point of fixing rates or requiring a station to serve the public equally. The only requirement for a license or renewal of a license is that the station has served and will serve the public interest. Therefore. the term "public interest" or "public necessity" should not be construed as broadly when applied to broadcasting stations as in the case of public utilities.

The new station would not affect the Pulitzer Company's economic interest so that it was not adversely affected by the Commission's ruling. "The Commission * * * is not required to give the owner of an existing station priority to enlarge or extend its facilities * * *." The test is the character and quality of the service, at the same time observing the equities of the existing stations. Only where the new license will destroy the ability of an old station to serve the public interest will the new license be denied. The appellant therefore not being adversely affected had no appealable interest.

Even though the Commission's rules provide that it will attempt to fix the

same date for hearing all related matters, it was not under a duty to hear all applications in one hearing. Discretion must be permitted in the application of the rules. Moreover the appellant amended its own application after hearing had been set and there was no showing that the refusal to postpone the hearing prejudiced it.

This decision probably reflects the current trend away from monopolies. Had appellant's contentions prevailed a station once established could virtually corner the market until the amount of advertising reached a point exceeding the capacity of that broadcaster.

An appeal cannot be taken by a person on the general ground that there is no need for the additional service. This rule was clearly enunciated in Intermountain Broadcasting Co. v. F.C.C.. 94 F (2d) 244 (App. D.C. 1937). A license was granted to one Powers to erect a station and the Intermountain Co. appealed on the general ground stated above. The appeal was dismissed. No place in the assignments of error was it claimed that appellant would be financially harmed. If such had been the situation then there would have been grounds for the Intermountain Co. to contest the granting of the license to Powers. In any case where the granting of a new license would make it impossible for an old licensee to continue, the application for the new one should be denied, unless there are other strong reasons for granting it. But since the Court can look only at the reasons for the appeal in order to determine an appellant's rights, and since the appellant assigned only such reasons as might be made by any stranger instead of the necessary one of injury to it, there was no right to appeal.

An interesting case discussing the question of appealable interest is Pittsburgh Radio Supply House v. F.C.C., 98 F (2d) 303 (App. D.C. 1938). There the Pittsburgh, Intermountain and the Head of the Takes Broadcasting Co., all of which operated on a frequency of 1290 kilocycles, appealed from an order of the Federal Communications Commission granting permission to station WATR in Waterbury to change to 1290 kilocycles. This frequency under the Commission's rules was a "regional frequency" but despite this rule, the appellants had asked for the Commission's consent to increase power to 5000 watts. This request was made prior to the application of WATR. The Commission first denied WATR's application, and then reversed itself and approved it on the same day. Appeals were taken on the following grounds: No action should have been taken on WATR's application while the others were pending; the Commission's first decision of denial exhausted its power and authority, so that the subsequent approval was a nullity; and, the Commission failed to give proper weight to the evidence concerning possible electrical interference. The Court dismissed the appeals for lack of appealable interest. Since none of the appellants had an application refused, they could not appeal under Sec. 402 (b) (1). As for Sec. 402 (b) (2), there was no claim that appellants would suffer financial harm or loss of listeners. Nor was there possible electrical interference with the appellants' broadcasting stations since they were in Duluth and Salt Lake City. The evidence showed no possibility of present interference and the only possibility of future interference would arise if the Commission abrogated its "regional frequency" rule, and allowed the Pittsburgh Co. to increase its power.

Intermountain's objection, that the Commission's ruling was arbitrary and void was ineffective since such an objection might just as well have been made by a stranger to the record.

However, Pittsburgh did request that its application and that of WATR be considered together. Pittsburgh was not injured by the action of the Commission. If Pittsburgh's application had been for a lawful grant and if it would have been seriously prejudiced by prior consideration of WATR's application. then it might have been a "person aggrieved" and hence entitled to appeal. But approval of Pittsburgh's application would have necessitated an abrogation of a rule of the Commission, a matter wholly within the jurisdiction of the Commission. Until it determined such a matter the Commission was not obliged to cease considering other matters before it.

The decisions of the Court of Appeals for the District of Columbia on the right to appeal seem to be entirely correct. As to the cases requiring the prospective appellant to exhaust his remedies before the administrative tribunal, they seem to be in harmony with the general views on the subject. Generally a party may not appeal to a higher court from a ruling on an interlocutory matter. Of course, there are exceptions to this in many of the Codes and Practice Acts. On the whole, however, it seems decidedly preferable to

compel finality below, where greater familiarity with the case will lead to a more thoroughly understood re-examination at a great saving of time. Moreover, such a rule prevents excessive crowding of appellate calendars with trivia.

On the point of "appealable interest," the Courts' decisions are in accord with prevailing notions. In the field of Constitutional law, for example, a person may not claim that a statute which does not deprive him of a right, power, privilege or immunity safeguarded by the Constitution is invalid. The objector to such a statute must show injury to himself, else the Court will refuse jurisdiction. Nor is it enough that someone else is made to suffer. The person who claims that a statute is void because repugnant to the Constitution. must show injury to himself. The principle was laid down by the Suprem-Court in Massachusetts v. Mellon, 262 U.S. 447 (1922) where the Court said:

"We have no power per se to review and annul acts of Congress on the ground that they are unconstitutional * * *. The party who invokes the power must be able to show not only that the statute is invalid, but that he has sustained or is immediately in danger of sustaining some direct injury as a result of its enforcement * * *."

Certainly a general objection without an injury, either by way of loss of business, loss of listeners or electrical interference (which will result in a loss of listeners and a consequent loss of business) should not give rise to a right to intervene or appeal. To permit the contrary would only expose the applicant to possible "strike suits" and waste the time of the Commission and appellate courts.

Financial Security

In two recent cases the grounds for denying applications for permission to construct radio broadcasting stations In Great Western discussed. Broadcasting Assn. Inc. v. F.C.C. 94 F. (2d) 244 (App. D.C. 1937), a companion case to Intermountain Broadcasting Co. v. F.C.C., discussed above, an application for permission was denied by the Commission because, among other things, it did not establish financial qualifications necessary to construct and operate the proposed stations. The Court upheld the action of the Commission since there had been no arrangements for future programs and since the Great Western had no assets other than its charter

The other case is Pottsville Broadcasting Co. v. F.C.C. 98 F. (2d) 288 (App. D.C. 1938). There the Communications Commission denied the appellant permission to construct a local station on the ground that payment of stock subscriptions was contingent upon the approval of a Pennsylvania Securities Commission and because the principal stockholder was not a resident of Pottsville, the town in which the station was to be located. The Court of Appeals reversed the ruling and remanded the case for further consideration by the Commission. The basis for the Commission's ruling in so far as financial ability was concerned was incorrect for it was grounded upon the erroneous premise that the Pennsylvania Securities Commission's approval was necessary for the issuance of stock. However, the Commission's error was

the result of the applicant's mistaken view when he testified at the Commission's hearings. Such a mutual error should be set aside.

As for the other ground, that the principal stockholder was not a resident of Pottsville, other directors who were not mere dummies were local residents. Moreover, the Commission had never indicated that it would follow a general policy of requiring local stations to be owned by local inhabitants. If it established such a policy, it should follow it uniformly. While the adoption of such a rule may hinder the development of broadcasting in rural outlying areas, that is a question of discretion for the Commission and one which the Court would not reverse.

Had the Commission set such a policy, it would seem that any deviations which would be unreasonable would subject that policy and rulings thereunder to the criticism of being arbitrary. In such a case, the Court would reverse the Commission.

Opinion as to Policy

Another feature about the Pottsville case is the strong indication by the Court that it would not reverse on the grounds of erroneous policy, or difference in opinion as to policy. Again the field of Constitutional Law furnishes similar doctrines and apt illustration. In deciding the validity of both state and Congressional enactments the courts frequently say that they are not concerned with the wisdom of the legislation. If it is not unreasonable it is Constitutional. So too here, the Court is not concerned with the desirability of a policy formulated by the adminis-

trative board; in fact the judiciary might even conceive of it as unwise but in the absence of a showing that the policy is arbitrary, the word of the Commission will stand.

Such an attitude is desirable for clearly Congress intended that the Communications Commission should decide questions of policy, as to licensing broadcasting stations. Moreover, the Commission is probably better constituted and situated to undertake such a task. Being specialists in the field. the administrators have greater familiarity with the subject matter and since they are concerned only with this task they can spend more time ascertaining new facts and conditions. Under such circumstances, i.e. greater knowledge and more time, they can, presumably, arrive at decisions on questions of policy with greater acumen and dispatch than could a court. Hence, the courts should not interfere and disrupt the exercise of discretion by the Commission.

Conclusion

The real laws of radio are the natural phenomena,—as inexplicable as they are unchangeable. The radio wave travels 186,000 miles a second. It travels seven times around the earth in one second. It travels a million times as fast as a sound wave. It passes through a vacuum or through otherwise impenetrable solids. It travels farther at night than during the day. There are only 95 wave lengths. These and other scientific facts, some not yet observed and most not understood, combine to create what is commonly referred to as the miracle of radio.

We cannot legislate, any more than we can pass miracles. There is no appeal from the judgment that grows out of these phenomena. They have the compulsion of the supreme law. Man must create his own feeble law to suit them. It is accommodation to the inevitable.

Thus in an era when law adjusts itself to social change we find new law adjusting itself to scientific necessity. One might stop to reflect upon the undebatable necessity of such adjustment to physical science in contrast to the debate which rages about the struggle of the law to adjust itself to social science.

The growth of governmental control of radio represents a large cycle from Chief Justice Taft's reluctance to pass upon the subject at all because "it seems like dealing with something supernatural," to the Radio Act of 1927 and the Communications Act of 1934.

Congress acquired its right over radio through a broad interpretation of the commerce clause. The government does not regulate the arts and sciences as such. The ruling that the transmission of intelligence by telegraph was commerce, provided the basis for normal extension of the doctrine. The courts held that radio was the sightless courier of the air performing "between the stations without visible highway, the functions previously executed by electricity only when confined to wires as a conducting medium."

Congress has created a Federal Communications Commission composed of seven members which regulates all interstate and foreign wire and radio communications. The Commission may grant or refuse application for licenses, renew, modify, revoke or transfer licenses. The Communications Act of 1934 together with the Rules and Regulations and the interpretive decisions of the court constitute the law of radio as it is practiced before the Commission.

Broadcasting stations are not regulated as public utilities. They determine their own programs, fix their own charges and sell time to whomsoever they desire. But, they are not free from all restrictions. The statute abolished the property right of user. A condition for obtaining a license is the waiver by the licensec of any claim that the use of a frequency gives any right beyond the period for which the license is granted. Since the Commission can refuse to grant or renew a license, it exercises an effective although indirect control over broadcasting. This power is proscribed by statute. Equal treatment must be afforded political candidates in their endeavors to buy radio time (a requirement not applicable to newspapers because they are not so limited in number). No obscene or indecent language may be broadcast. Above all, the statutory test for the granting of a license is that the needs of the public in a particular locality be served by the proposed station. The standard is convenience and necessity combined with fitness and ability to serve. The Commission has encouraged independent broadcasting stations as distinguished from chain broadcasting, and has often issued licenses based upon the need for independent program service over a large area. However, experience has shown that most of these independent stations affiliate themselves with the national broadcasting chains. The statute gives authority to the Commission "to make special regulations applicable to radio stations engaged in chain broadcasting".

The greatest difficulty confronting an applicant for a new broadcasting station is the engineering problem. If the proposed station is so close to another station in miles, or so close in kilocyclical separation of frequencies that interference will result, the license will be denied. Engineering testimony must therefore be presented in order to establish by actual tests, that because of the poor conductivity of signals in the proposed area, the theoretical mileage separation is not actually necessary. Or it may be shown that by the erection of what is called "a directional antenna" the radio signals of the proposed station will be suppressed in the direction of the station with which there would be interference otherwise.

The Commission apparently does not regard the expert testimony of engineers as free from the influence of their retainer. It maintains its own engineer and also counsel.

In most European countries radio is the exclusive domain of the Government, probably because it is feared that the power of radio communication might be used against the Government. The United States recognizes private ownership in radio but maintains a scrupulous surveillance of its exercise. Owners must be citizens and of financial responsibility; they obtain only a limited license subject to revocation or withdrawal. The power to terminate or refuse the renewal of a license is equivalent to control much broader than the mere protestations of lack of censorship

would indicate. Such power should exist and be vested in a government agency free from all political influence. The quasi judicial nature of the Commission gains in importance when it is remembered that the well-established rules on appeal from discretionary orders apply in this instance. The courts have imposed restrictions upon themselves in reviewing discretionary orders which give to the Commission power to commit error without correction if only the injustice is not so flagrant as to be deemed arbitrary. Further, the courts insist upon the most technical requirements on appeal from the Commission's orders, and any defect in the record is fatal. There may be no quarrel with these rules for their alternatives present even greater dilemmas, but they bespeak a responsibility which must be exercised with utmost integrity.

In the more general fields of law involving standard principles of libel, taxation, rights of privacy, patent rights, unfair competition, and the like, new cases have adopted old principles and adjusted them to novel situations of radio. The trial and error period in radio law is running its course. Uncertainties are resolving themselves in the process of decision. The distinctions between radio and other realms in which principles of law have formerly been applied are becoming sufficiently established to give direction to the new tendencies. Varying cases reviewed in this article demonstrate progress which has been made in the law of radio. Imperceptible as some of these advances have been they have nevertheless been sure. The miracle of radio is being harnessed for man by the scientific printciples of law.

Federal Trade Commission Procedure in the Handling of False and Misleading Radio Advertising by the Radio and Periodical Division

(As of January 1st, 1939)

THE PROCEDURE of the Federal Trade Commission in handling radio cases involves a continuous, systematic review of commercial continuity. Material continuity is sent to the Commission's Radio and Periodical Division by individual stations four times a year, by national and regional networks each week, and by producers of electrical transcription recordings each month.

Continuities are carefully scrutinized in the preliminary stage by a staff of attorneys and clerks, whose duty is to sift out at this first stage the large mass of material, well over 80 per cent, which is obviously unobjectionable. These examiners may be thought of as representing the collective intelligence and impressions of the average radio listener. They mark for further examination and reporting by a secondary review staff to the Director of the Division, such statements and claims as may seem illogical, contrary to common sense or to common knowledge or belief, or adverse to established ethical practices.

If the advertising seems objectionable or of a doubtful character, a questionnaire is usually forwarded to such an advertiser requesting information to aid the Commission in reaching a conclusion. Generally such questionnaire calls for formulae, samples and follow-up literature. The formulae and samples are as a rule submitted by the Commission to the appropriate agencies of the Government for tests and reports. The follow-up literature frequently contains false or misleading claims not appearing in the contact advertisement or announcement.

In the event the data submitted, after its subjection to tests and analyses, appear to the Commission to indicate that the radio advertiser is making misleading claims in violation of the law, an application for complaint against him is docketed; but before the issuance and service of a formal complaint, the Commission usually refers the matter back to the Radio and Periodical Division for the purpose of extending to the advertiser an opportunity to negotiate a set-

tlement by stipulation as to the facts, and an agreement to forthwith cease and desist from the unfair methods or the unfair and deceptive acts and practices involved.

The disposition of a case by stipulation is regarded as a privilege and not a right. It is the policy of the Commission not to accept stipulations in cases where it has reason to believe that the respondents have been guilty of intentional fraud or wrong-doing or violation of any Federal liquidation over which it has jurisdiction, or where, in the opinion of the Commission, the respondents will not keep the agreement. The Commission reserves the right in all cases, for any reasons which it regards as sufficient, to refuse to extend this privilege.

When the matter cannot be adjusted satisfactorily by correspondence, the advertiser is accorded the privilege of a personal conference with the Director of the Division, either with or without counsel, where he is accorded full opportunity to discuss and justify his claims.

If, upon due consideration of the facts developed and reported by the Director, the Commission is of the opinion that the respondents' claims are demonstrably false or misleading, but that they do not involve fraud or danger to health, he is offered the privilege of closing the matter by signing a stipulation whereby he agrees to discontinue making such assertions.

Where the respondent declines to stipulate, the case is reported by the Division to the Commission, together with all exhibits, records and other evidence; whereupon the Commission, if it has

reason to believe from the showing made that the advertiser has violated the law, issues a formal complaint against him, and he is given twenty days within which to file an answer after which proof is taken before a trial examiner, briefs are filed by both sides, and the case is heard by the Commission and oral argument granted, if desired.

The decision of the Commission, when a cease and desist order is entered, is subject to review by the United States Circuit Courts of Appeals and may finally reach the Supreme Court of the United States. However, an overwhelming percentage of all advertising cases have been settled amicably, usually by stipulation as the result of the preliminary negotiations and without the issuance of formal complaint.

Amendment of the Federal Trade Commission Act

The Federal Trade Commission Act, upon which much of the Commission's activity, including its investigation of false and misleading advertising, is based, was amended in several important particulars by the Wheeler-Lea Act of March 21, 1938.

Principal amendments are:

- (1) Declaring unfair or deceptive acts or practices in commerce unlawful. (This change places equal emphasis on the protection of the public thus reducing the former need for the FTC of proving "unfair methods of competition" in the performance of its duties.)
- (2) Providing that the Commission's cease and desist orders shall become final within 60 days from date of service unless appealed from by the respondents. (This amendment makes possible imposition of civil penalties after 60 days (if no appeal is made) rather than after the "cease and desist" order had been judged upon by the U. S. Circuit Court of Appeals.)
- (3) Fixing the time when the Commission's orders from which appeals have been taken by respondents shall become final.
- (4) Providing civil penalties not to exceed \$5,000 for violations of orders to cease and desist after they shall have become final.

- (5) Specifically making unlawful the dissemination or the causing of the dissemination of false advertisements of food, drugs, devices, or cosmetics, and defining "advertisements," "food," "drugs," "devices," and "cosmetics." (This amendment assists the FTC in determining more specifically what advertising is in violation of Federal legislation over which it has jurisdiction, thus reducing the amount of legal procedure formerly, as it has been found that most cases can be settled by stipulation as effectively as by cease and desist orders and court action.)
- (6) The sections applicable to food, drugs, devices and cosmetics, specifically making it unlawful for anyone to disseminate or cause to be disseminated. any false advertisement by the United States mails, or in commerce by any means for the purpose of inducing, or which is likely to induce, directly or indirectly, the purchase of such commodities. Such sections also make it unlawful to disseminate any false advertisment by any means for the purpose of inducing, or which is likely to induce, directly or indirectly, the purchase in commerce of food, drugs, devices, or cosmetics. the use of the commodity advertised may be injurious to health when used under the conditions prescribed in the advertisement or under customary or usual conditions, or if there be intent to defraud or mislead, the dissemination, or the causing of the dissemination, becomes a misdemeanor with a penalty of fine or imprisonment, or both. Further, the Commission is authorized, when it appears to be in the public interest, to proceed in a United States District Court by injunction to halt an existing or to prevent a threatened violation of the provisions above referred to, pending the issuance by it of a complaint and a final determination thereunder.
- (7) The Surgeon General of the United States Public Health Service has detailed a commissioned medical officer to the Commission, who will act as advisor and consultant with respect to all matters relating to food, drugs, devices, and cosmetics arising under the advertising provisions of the act as amended.

LEGISLATIVE DIGEST

Digest of Radio Legislation Introduced Into The Senate and House of Representatives During The Seventy-Fifth Congress—(First, Second and Third Sessions).

(An asterisk (*) following a bill number indicates that the bill so marked has been reported or otherwise advanced.)

SENATE

S. 681. Mr. Copeland (by request); January 12, 1937 (Commerce).

Amends R. S. 4131, which requires that certain officers on vessels of the United States must be American citizens: (1) By making it applicable to vessels "propelled by steam or any other method" [instead of "propelled wholly or in part by steam"]; and (2) by including chief radio officer and other members of the radio department qualified to take charge of the radio watch.

S. 1353. Mr. Walsh; February 3, 1937 (Interstate Commerce).

The Communications Commission may authorize actual operation of transmitting apparatus by unlicensed persons at all radio stations for which a station license is required except (1) where licensed operators are required by international agreement or for safety; or (2) stations engaged in broadcasting, or operated as common carriers (below 30,000 kilocycles); and make special regulations governing granting of licenses for the use and operation of automatic radio devices (amending U. S. C. 47: 318).

S. 2170. Mr. Johnson of California; April 15, 1937 (Commerce).

Requiring passenger aircraft to be equipped with radio installation—companion bill to H. R. 6346.

S. 2407. Mr. Sheppard; May 12, 1937 (Interstate Commerce).

The Federal Communications Commission shall have authority to issue radio station operators' licenses only to applicants 21 years of age or over, but the Commission may waive the age-limit in issuance of licenses to amateur operators [amending U. S. C. 47: 303 (1)].

- S. 2733. For digest of contents of this bill see H. R. 3039.
- S. 595. Mr. Copeland; January 11, 1937 (Commerce).

Approved May 20, 1937 (Public, No. 97).

Extends the purposes and provisions of the Communications Act of 1934 (U.S. C. 47: 151-609) to cover safety of life and property at sea through the use of wire and radio communications, and provides for the enforcement of the International Convention for Safety of Life at Sea. It shall be unlawful for ships of the United States or of foreign countries, (a) if other than cargo ships of less than 1,600 tons, to leave ports for voyages in the open sea unless equipped with efficient radio installation manned by qualified operators; or (b) if passenger vessels of 5,000 gross tons or over to leave port unless equipped with an efficient radio direction finder apparatus-except ships of war, and certain ships operated close to land. Each cargo vessel shall carry at least two operators unless equipped with an automatic alarm receiver, and all passenger vessels, where hours out of port exceed 48, shall carry three operators. All such radio installation shall have normal transmitting and receiving range of 200 nautical miles—with emergency installation of half that range. There shall be efficient means of communication between the bridge and radio room. The masters of such vessels shall, on meeting with dangerous ice, derelicts, tropical storms, or navigation dangers, transmit such information to ships in the vicinity. And stations subject to the Communications Act shall exchange radio

communications, distress signals, etc., with aircraft as well as with ships at sea. (Repeals Radio Act of 1910.)

S. 2756. Mr. Schwellenbach; July 8, 1937 (Interstate Commerce).

Radio-broadcasting stations shall keep records (to be open to public inspection) of: (1) applications for time; (2) rejections of applications, with reason; (3) additions and changes requested in arranged programs on public, social, political, and economic issues and on educational subjects. (Adding to §315 of the Communications Act of 1934, U. S. C. 47: 315).

S. 2757. Mr. Schwellenbach; July 8, 1937 (Interstate Commerce).

The provision of the Communications Act (§ 326) forbidding interference with the right of free speech by means of radio communication shall not be construed to exempt a radio licensee from liability for defamatory, profane, or obscene language or action broadcast by its employees or representatives [in lieu of the provision forbidding any person to utter any obscene, indecent, or profane language by means of radio communication].

S. 3000. Mr. Sheppard; August 21, 1937 (Interstate Commerce).

Removes the qualification of 6 months' previous service on United States ships required for radio operators on cargo ships fitted with auto-alarm systems, under § 353 (b) of the act of May 20, 1937 (Public, No. 97—75th Cong.).

S. 3072. Mr. O'Mahoney and Mr. Borah; November 30, 1937 (Judiciary).

"Corporation Licensing Act of 1937"—Increases the membership of the Federal Trade Commission from five to nine, and directs the commission to develop a program for the coordination, stabilization, and orderly development of basic industries and for a more equitable distribution of the earnings of commerce. The commission shall submit a recommendation with respect to the incorporation of corporations engaged in interstate commerce, and from time to time report on general economic conditions, unfair trade and labor practices, etc.

After January 1, —, it shall be unlawful for any corporation (including associations, syndicates, and other unincorporated ventures) to engage directly or indirectly in commerce without having obtained a license from the commission. Before obtaining a license, a corporation must file a statement of its operations, financial structure, administrative set-up, etc.

Prohibits (1) discrimination against women as to pay, rights, etc.; (2) employment of children under 16; (3) employment of children under 18 in hazardous occupations or at any time other than between 7 a. m. and 7 p. m. Permits employees the right to self-organization and collective bargaining.

The commission may revoke licenses for violation of the Act, etc., and may con-

duct investigations to ascertain such violations.

Such licensed corporations must have their chief place of business, executive offices and directors meetings in the State of organization. Corporate surpluses are restricted and stock ownership in other than subsidiary corporations is forbidden.

Provides for voting by all classes of stock and for voting of proxies by representatives appinted by the commission and qualified by the Civil Service Commission in corporation and commercial law. Requires directors to be stock holders.

S. J. Res. 240. Mr. Wagner; January 3, 1938 (Library).

Directs the Secretary of Interior to grant permission for the erection (without expense to the United States) of a memorial o the late Guglielmo Marconi, inventor of wireless telegraphy, on public grounds in Washington, other than those of the Capitol, Library of Congress, and the White House.

S. 3342. Mr. Chavez and Mr. McAdoo; January 31, 1938 (Interstate Commerce).

Directs the Secretary of the Navy to construct and operate in the vicinity of San Diego, Calif., a "United States Pan American Radio Station" of sufficient power to transmit programs upon high frequencies to all nations of the Western Hemisphere. Programs to be broadcast over said station shall be selected by the Secretary of State with a view to promoting friendly relations with and to strengthen spiritual, political, and historical ties among said nations. Provides for an Advisory Council (Secretaries of State and Commerce, Chairman of Federal Communications Commission, and two officials designated by President) to determine questions of general policy. Privately owned commercial companies may be authorized to use facilities of said station. Authorizes \$3,000,000 for construction, \$100,000 for maintenance, and necessary sums to provide programs.

S. J. Res. 251. Mr. Wagner; February 4, 1938 (Library).

Directs the Secretary of Interior to grant permission to the Marconi Memorial Foundation, Inc., for the erection (without expense to the United States) of a memorial to the late Guglielmo Marconi, inventor of wireless telegraphy, on public grounds in Washington, other than those of the Capitol, Library of Congress, or the White House.

S. 3550. Mr. Johnson of Colorado; February 25, 1938 (Interstate Commerce).

Amends the Communications Act of 1934 (U. S. C. 47: 316) to prohibit the advertising of alcoholic beverages by radio.

S. 1077.* Mr. Barkley (for Mr. Wheeler); January 22, 1937 (Interstate Commerce).
Approved March 21, 1938 (Public, No. 447):

Amends certain sections of the Federal Trade Commission Act in the following particulars:

1. Specifies that a commissioner shall continue to serve after the expiration of his term until his successor shall have qualified [amending U. S. C. 15: 41].

2. Includes specifically in the term "corporation," trusts and so-called Massachusetts trusts issuing certificates of interest as well as capital or capital stock for profit of their members; and specifically includes, in "documentary evidence," books of account and financial and corporate records (amending U. S. C. 15: 44).

3. Makes unfair or deceptive acts and practices in commerce as well as unfair methods of competition unlawful. Confers specifically on the Circuit Courts of Appeals authority to issue writs to protect the public or competitors pendente lite, and to enforce the orders of the Commission to the extent they are affirmed. Cease-and-desist orders of the Commission are final and conclusive unless the affected party seeks a court review within 60 days (amending U. S. C. 15: 45).

4. Makes unlawful the dissemination of false or misleading advertising of food, drugs, devices, or cosmetics by mail or in commerce by any means. Authorizes the Commission to bring suit in the district courts to enjoin such advertising pending issuance of a complaint. Imposes a \$5,000 penalty for the first and a \$10,000 penalty for second violations—applicable only to manufacturers, packers, distributors, or sellers of the commodity and not to publishers or broadcast licensees unless they refuse to furnish name and address of manufacturers, etc.

S. 3875. Mr. Wheeler; April 20, 1938 (Interstate Commerce).

Declares it to be the policy of Congress to prevent monopoly and to encourage competition in direct foreign radio telegraph communication, and requires the Federal Communications Commission in granting licenses therefor to consider competition in such communication to be in the public interest [adding to U. S. C. 47: 313].

S. 4074. Mr. Wheeler; May 24, 1938 (Interstate Commerce).

Authorizes the Communications Commission to prescribe regulations to prevent interference with radio and wire transmission and reception by other apparatus using electrical energy.

S. 4098. Mr. Sheppard; May 27, 1938 (Interstate Commerce).

Directs the Federal Communications Commission to refuse licenses to radio stations (with an operating power in excess of 50 kilowatts) which broadcast "network programs," i.e. programs lasting more than 5 minutes which are broadcasted simultaneously by two or more stations or which are recorded and rebroadcasted from another station. Authorizes the Commission when the public interest will be served thereby to permit such stations to broadcast network programs for an aggregate of 1 hour in each calendar month.

S. 5.* Mr. Sheppard (for Mr. Copeland); January 6, 1937 (Commerce).

Approved June 25, 1938 (Public, No. 717):

"Federal Food, Drug, and Cosmetic Act"—Repeals the Food and Drug Act of 1906 (U. S. C. 21: 1-15) and substitutes therefor more comprehensive provisions. Some of the more important changes are:

1. Cosmetics (except soaps) are subjected to much the same regulations as foods and drugs.

2. Drugs intended for diagnosing illness or for remedying underweight or overweight or for otherwise affecting bodily structure or function are subjected to regulation.

- 3. New drugs are required to be adequately tested for safety before they are placed on the market.
 - 4. District courts are given jurisdiction to enjoin violation of the act.
- 5. The packing of foods under insanitary conditions, the use of containers composed of deleterious substance as well as the preparation of foods containing poisonous, deleterious, decomposed, putrid, or contaminated matter are prohibited. The use of deceptive containers, labels, etc., is forbidden.
- 6. Habit forming and potent drugs liable to be misused must bear labels warning against probable misuse, and no misleading statement as to quantity or quality shall be allowed.
 - 7. Coal-tar products are subjected to particular regulations.
- 8. The Secretary of Agriculture is given greater administrative control in the enforcement of the act, viz: to prescribe standards, to specify tolerances, to grant emergency permits, and to exercise some discretion in prosecution of minor violations.
- 9. Any person who will be adversely affected by any order of the Secretary of Agriculture may, within 90 days after it is made public, appeal to the courts to have said order rescinded or modified. The court, upon petition of the aggrieved party, may order a new hearing before the Secretary at which hearing additional and new evidence may be introduced.
- 19. Interstate carriers shall keep records of shipments of foods, drugs, cosnictics, etc., such records to be accessible to agents of the Secretary.
- 11. Officers of the Department may at reasonable times inspect factories, warehouses, or establishments in which foods, drugs, and cosmetics are manufactured, packed, or held for shipment in interstate commerce.

HOUSE OF REPRESENTATIVES

H. R. 1592. Mr. McCormack (by request); January 5, 1937 (Interstate and Foreign Commerce).

Neither the Communications Act of 1934 nor any other act, shall prevent the furnishing reports of positions of ships at sea to newspapers of general circulation, providing the reporting company's name is displayed along with the ship position reports. (Amending 48 Stat. 1064.)

H. R. 3038. Mr. Scott; January 15, 1937 (Interstate and Foreign Commerce).

Amends § 326 of the Communications Act of 1934 (U.S. C. 47: 326) to provide that no action, civil or criminal, shall be commenced against any licensee because of anything said or done during any broadcast on any public, social, political or economic issue; but the exemption does not extend to defamatory, profane, indecent, or obscene language or action broadcast by an officer, employee, agent, or representative of the licensee.

H. R. 3039. Mr. Scott; January 14, 1937 (Interstate and Foreign Commerce).

Each licensee of a radio broadcasting station shall set aside regular periods for uncensored discussion on a nonprofit basis of public, social, political, and economic problems, and for educational purposes. Equivalent facilities shall be afforded opposing viewpoints. The licensing authority and licensees shall have no power of censorship nor be subject to liability, civil or criminal, for material so broadcast. [Present law (U. S. C. 47: 315) requires that equal facilities be afforded opposing candidates for public office.]

H. R. 3033. Mr. Scott; January 14, 1937 (Interstate and Foreign Commerce).

Radio-broadcasting stations shall keep records (to be open to public inspection) of: (1) Applications for time; (2) rejections of applications, with reason; (3) additions and changes requested in arranged programs on public, social, political, and economic issues and on educational subjects; (4) interference with and substitution of programs on such issues and subjects (adding to § 315 of the Communications Act of 1934, U. S. C. 47: 315).

H. R. 3140. Mr. Culkin; January 18, 1937 (Interstate and Foreign Commerce). Prohibits the advertising of alcoholic beverages by radio; penalty, fine of \$500 to \$1,000 and/or imprisonment from 3 to 12 months (adding to Communications Act of 1934, § 16). H. R. 3884. Mr. Lea; January 28, 1937 (Interstate and Foreign Commerce).

Makes it unlawful for any carrier by wire or radio to issue or honor any frank, or render any free interstate or foreign service, except in situations involving safety of life or property (including hydrographic and weather reports, medical assistance to persons on ships or aircraft at sea), and except in preparation for national defense [amending §§ 210 and 602 (b) of Communications Act of 1934—which now permit carriers to issue and exchange franks and passes for employees and their families].

H. R. 3892. Mr. Wearin; January 28, 1937 (Interstate and Foreign Commerce).

Makes it unlawful for any radio broadcasting licensee—(1) to be owned, controlled, or managed, directly or indirectly, by the owner, manager, etc., of a newspaper or other printed publication; (2) to own, control, or manage a newspaper or other printed publication. The foregoing shall not apply to licensees during the term of their license.

H. R. 4191. Mr. Ramspeck (by request); February 2, 1937 (Merchant Marine and Fisheries).

Extending the purposes and provisions of the Communications Act of 1934 to cover safety of life and property at sea through the use of wire and radio communications—companion bill to S. 595.

H. R. 4195. Mr. Ramspeck (by request); February 2, 1937 (Merchant Marine and Fisheries).

Amends R. S. 4131, which requires that certain officers on vessels of the United States must be American citizens: (1) By making it applicable to vessels "propelled by steam or any other method" [instead of "propelled wholly or in part by steam"], and (2) by including chief radio officer and other members of the radio department qualified to take charge of the radio watch.

H. R. 4281. Mr. Celler; February 3, 1937 (Naval Affairs).

Authorizes Secretary of Navy to construct and operate a "Pan American Radio Station" in Washington—Commissioner of Education to provide programs of national and international interest and without advertising matter. General policies of the station shall be determined by an advisory board of nine consisting of the Secretary of State, Director of the Pan American Union, Chairman of the Federal Communications Commission, Commissioner of Education, and such other Government officials as the President may select. Authorizes \$700,000 for construction, \$100,000 annually for operation, and necessary sums for program production.

H. R. 5038. Mr. Anderson of Missouri; February 24, 1937 (Interstate and Foreign Commerce).

Broadcasting licenses shall be granted for a minimum term of 5 years [now granted for a maximum term of 3 years]—not applicable to licenses in force on date of enactment [amending U. S. C. 47: 307 (d)].

- H. R. 5300. Mr. Maloney; March 3, 1937 (Interstate and Foreign Commerce). Personal endorsements of articles by radio, if paid for, must be accompanied by statement to that effect.
- H. R. 5336. Mr. Welch; March 4, 1937 (Interstate and Foreign Commerce). Restricting radio station operators' licenses to applicants over 21 years of age—covered by later bill, H. R. 5376.
- H. R. 5376. Mr. Welch; March 5, 1937 (Interstate and Foreign Commerce). The Federal Communications Commission shall have authority to issue radio station operators' licenses only to applicants 21 years of age or over [amending U. S. C. 47: 303 (1)].
- H. R. 3898.* Mr. Lea; January 28, 1937 (Interstate and Foreign Commerce). Approved March 29, 1937 (Public No. 2):

The Communications Commission may authorize actual operation of transmitting apparatus by unlicensed persons at all radio stations for which a station license is required except (1) where licensed operators are required by interna-

tional agreement or for safety; or (2) stations engaged in broadcasting, or operated as common carriers (below 30,000 kilocycles); and make special regulations governing granting of licenses for the use and operation of automatic radio devices (amending U.S. C. 47: 318).

H. R. 6440. Mr. Boylan of New York; April 15, 1937 (Ways and Means).

Requires the registration of broadcasting stations with the collectors of internal revenue, and payment of a tax computed on authorized power as follows: (1) up to 1,000 watts, \$1 per watt; (2) 1,000 to 10,000 watts, \$2 per watt; (3) over 10,000 watts, \$3 per watt. In cases of part-time stations the tax shall be in the proportion that the number of authorized hours broadcasting bears to 24 hours. Where stations use varying amounts of power the basis of the tax shall be the weighted average amount of authorized power. The tax shall not apply to stations of the State or Federal Governments or to stations operated exclusively for non-profit purposes and using only unsponsored programs.

H. R. 7711. *Mr. McCormack (by request); June 29, 1937 (Interstate and Foreign Commerce).

As passed by House August 2, 1937:

Neither the Communications Act of 1934 nor any other act shall prevent the furnishing reports of positions of ships at sea to newspapers of general circulation, provided the reporting company's name is displayed along with the ship position reports. The Commission may prescribe rules to carry out provisions of this act (amending 48 Stat. 1064).

- H. R. 8230. Mr. Bernard; August 13, 1937 (Interstate and Foreign Commerce). Repeals the power of the President, under the Communications Act of 1934, to suspend broadcasting or to take over radio stations upon proclamation that there exists "a threat of war or a state of public peril or disaster or other national emergency"-confining his exercise of such power to a time when "war" exists [amending U. S. C. 47: 606 (c)].
- H. R. 8251. Mr. Pettengill; August 16, 1937 (Merchant Marine and Fisheries). Repeals § 353 (b) of the Act of May 20, 1937 (Public, No. 97, 75th Cong.), which requires cargo ships, fitted with an auto-alarm, to carry at least one qualified operator of at least 6 months' experience aboard United States ships.
- H. R. 8583. Mr. Mead; December 2, 1937 (Judiciary). "Corporation Licensing Act of 1937"—Similar to S. 3072.
- H. R. 8598. Mr. Sabath: December 3, 1937 (Judiciary). "Corporation Licensing Act of 1937"-Similar to S. 3072.
- H. R. 8840. Mr. Bland; January 6, 1938 (Merchant Marine and Fisheries). Includes "customs officers and employees, and radio inspectors and employees of the Federal Communications Commission" among those for whom the Secretary of Commerce shall fix a reasonable rate of extra compensation for overtime services on Sundays, holidays, or at night (amending § 6, 49 Stat. 1380).
- H. J. Res. 561. Mr. Crawford; January 12, 1938 (Interstate and Foreign Commerce). Directs the Federal Trade Commission to conduct an investigation and report to Congress all facts pertaining to the publication of an advertisement in the January 1938 issue of QST magazine profaning the office of the President.
- H. R. 9589. Mr. Mead; February 21, 1938 (Judiciary). "Corporation Licensing Act of 1938"—After January 1, —, it shall be unlawful for any corporation (including associations, syndicates, and limited partnerships) with gross assets, including those of subsidiaries, in excess of \$100,000 to engage directly or indirectly in commerce without having obtained a license from the Federal Trade Commission. Before obtaining a license, a corporation must file a statement of its operations, financial structure, administrative set-up, etc.

Prohibits (1) discrimination against women as to pay, rights, etc.; (2) employment of children under 16; (3) employment of children under 18 in hazardous occupations or at any time other than between 7 a. m. and 7 p. m. Permits employees the right to self-organization and collective bargaining.

The commission may revoke licenses for violation of the act, etc., and may

conduct investigations to ascertain such violations.

Such licensed corporations must have their chief place of business, executive offices and directors meetings in the State of organization. Corporate surpluses are restricted and stock ownership in other than subsidiary corporations is forbidden.

Provides for voting by all classes of stock and for voting of proxies by representatives qualified by the Civil Service Commission in corporation and commercial law. Requires directors to be stockholders.

- H. R. 9624. Mr. Culkin; February 25, 1938 (Interstate and Foreign Commerce). Amends the Communications Act of 1934 (U. S. C. 47: 316) to prohibit the advertising of alcoholic beverages by radio.
- H. R. 9635. Mr. O'Toole; February 25, 1938 (Judiciary).

Prohibits all except a member of the bar of the highest court of the District of Columbia or of a State, Territory, or insular possession, who is either admitted to practice, or at least not debarred from practice, before the particular department or agency of the Government, from representing any person or corporation in connection with any claim or matter before it involving the construction or interpretation of the Constitution or a law of the United States.

Authorizes the heads of departments and agencies to make rules of practice and procedure applicable to proceedings before their departments, etc.; existing rules and regulations to be continued (not more than 90 days) until promulgation of the new rules.

The bill is not to apply to the "Army, Naval or Diplomatic Service * * * to any claim * * * before the Departments of Navy, War, and State that is not of a commercial nature, or to the Patent Office"; nor is it to prevent any person from appearing in his own behalf (or a corporation from appearing by an officer or employee).

Repeals inconsistent laws—including U. S. C. 5: 493 (practice before Interior Department); U. S. C. 5: 261 (practice before Treasury Department); and U. S. C. 19: 415 (36 Stat. 464) (customhouse brokers—already repealed by 46 Stat. 759, U. S. C. 19: 1641e).

- H. R. 9766. Mr. Recs of Kansas; March 7, 1938 (Interstate and Foreign Commerce). Repeals the Food and Drug Act of 1906 (U. S. C. 21: 1-15) and substitutes therefor more comprehensive provisions. Some of the more important changes are: (1) Cosmetics are subjected to much the same regulations as foods and drugs; (2) the packing of foods under insanitary conditions and the use of containers composed of a harmful substance are prohibited. The use of deceptive containers, labels, etc., are forbidden; (3) prohibits introduction into interstate commerce of any drug not generally recognized as safe for use, until the Secretary of Agriculture has issued a certificate showing that such drug has been scientifically tested and found safe for its intended use; (4) habit-forming drugs shall be so labeled, and no misleading or false statements as to quality or quantity shall be allowed; (5) coal-tar products are subjected to particular regulations; (6) the Secretary of Agriculture is given greater administrative control in the enforcement of the act; viz, to prescribe standards, to specify tolerances, to grant emergency permits, and to exercise some discretion in prosecution of minor violations; (7) interstate carriers shall keep records of shipments of these articles, such records to be accessible to agents of the Secretary; (8) officers of the department may at reasonable times inspect factories, warehouses, or establishments in which foods, drugs, and cosmetics are manufactured, packed or held for shipment in interstate commerce; (9) district courts are given jurisdiction to enjoin violations of the act.
- H. J. Res. 499.* Mr. Dickstein; November 15, 1937 (Library).

Approved April 13, 1938 (Public Res. No. 86):

Directs the Secretary of Interior to grant permission for the erection (without expense to the United States) of a memorial to the late Guglielmo Marconi, inventor of wireless telegraphy, on public grounds in Washington, other than those of the Capitol, Library of Congress, and the White House.

H. R. 10295. Mr. Green; April 18, 1938 (Naval Affairs).

Instructs the Secretary of the Navy to construct a radio broadcasting station with power sufficient to transmit programs throughout the United States and other countries of the Western Hemisphere upon high frequencies, said station to be located at Jacksonville, Fla., and to be known as the Pan American Radio

Station. Authorizes \$700,000 for construction and \$100,000 annually for operation and maintenance.

The United States Commissioner of Education shall be in charge of all programs for said station. He shall select programs which will render a distinct national or international service, which will promote a better understanding among Republics of the American Continent, and which will be of educational and cultural value. No commercial advertising shall be permitted on said programs. General policies shall be determined by an advisory council which shall include the Secretary of State, the Director General of the Pan American Union, the Chairman of the Federal Communications Commission, the Commissioner of Education, and such other Government officials as the President may select. The council may permit privately owned radio companies to use the facilities of the Pan American Radio Station during certain periods provided that their programs do not interfere with the general purposes of this act.

- H. R. 10307. Mr. Dockweiler; April 19, 1938 (Interstate and Foreign Commerce). Authorizes the Federal Communications Commission to exclude from its radio regulations portable-mobile stations operated by forest-protection agencies exclusively for forest-protection communication purposes [amending U. S. C. 47: 303 (k)]. No permit shall be required for the construction of portable-mobile stations operated for forest-protection purposes [amending U. S. C. 47: 319 (b)].
- H. R. 10348. Mr. Sadowski; April 21, 1938 (Interstate and Foreign Commerce). Declares it to be the policy of Congress to prevent monopoly and to encourage competition in direct foreign radio telegraph communication, and requires the Federal Communications Commission in granting licenses therefor to consider competition in such communication to be in the public interest [adding to U. S. C. 47: 313].
- H. J. Res. 680. Mr. Maverick; May 11, 1938 (Foreign Affairs).

 Establishes within the Department of State an Institute of Friendly Relations to promote an understanding in the United States of the history, culture, business conditions, languages, etc. of other American Republics. The Director of said institute shall disseminate by press and by radio data respecting such countries. He shall promote the study of Spanish and Portuguese in American schools, the making of educational films, the exchange of art, the promotion of travel within said countries and Canada. He shall establish 3,000 scholarships to be awarded annually to qualified students for study in other American Republics. He shall investigate means of developing friendly relations, trade, and commerce with said republics. He shall also erect and operate a radio transmitting station at a suitable point in the United States for purposes of disseminating information, promoting peace, and national defense of the American continents. Authorizes \$5,000,000.
- H. R. 10633. Mr. Moser of Pennsylvania; May 16, 1938 (Patents).
 Any person who desires to make use of a copyrighted work and who is unable to secure an agreement with the owner respecting such use may file with the Federal Communications Commission an application for a permit to use said works at such equitable rates or charges therefor as the Commission may determine. No permit shall be granted except upon notice and hearing and if found to be in the public interest.
- H. R. 10724. Mr. McGroarty; May 23, 1938 (Interstate and Foreign Commerce). Authorizes the Federal Communications Commission to exclude from its radio regulations portable-mobile stations operated by forest-protection agencies exclusively for forest-protection communication purposes [amending U. S. C. 47: 303 (k)]. No permit shall be required for the construction of portable-mobile stations operated for forest-protection purposes [amending U. S. C. 47: 319 (b)].
- H. R. 10869. Mr. Peterson of Florida; June 8, 1938 (Interstate and Foreign Commerce). Directs the Federal Communications Commission to refuse licenses to radio stations (with an operating power in excess of 50 kilowatts) which broadcast "network programs," i. e. programs lasting more than 5 minutes which are broadcasted simultaneously by two or more stations or which are recorded and rebroadcasted from another station. Authorizes the Commission when the public interest will be served thereby to permit such stations to broadcast network programs for an aggregate of one hour in each calendar month.

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National Press Building
Washington, D. C.
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Los Angeles, Calif.
CARSON, BYRON G.
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60 Park Place Newark, N. J.

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New York, N. Y.
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Engineers Bldg. Cleveland, Ohio

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105 No. 7th St.
St. Louis, Mo.
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KENDALL, JOHN W. Earle Bldg.

Washington, D. C. KERN, HOWARD L. 67 Broad St. New York, N. Y.

KERR, WILLIAM L. Box 190

Pecos, Texas KIMBALL, RALPH II.

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– L -

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Publications of the U.S. Government

Copyright Enactments of the United States, 1783-1906.

Copyright Office Bulletin No. 3, order from Supt. of Documents, Washington, D. C. Price, cloth, 35c.

Copyright in Congress 1789-1904.

Copyright Office Bulletin No. 8, order from Supt. of Documents, Washington, D. C. Price, cloth, 65c.

The Copyright Law of the United States of America.

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Copyright Office Bulletin No. 21, order from Supt. of Documents, Washington, D. C. Price, cloth, 75c.

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MONTHLY. 3557 Bogart Ave., Cincinnati, Ohio. Phone, AVon 6825. Editor and Publisher, Manuel Rosenberg; Business Manager, Simon Rosenberg; Advertising Manager, R. Maxwell Jason; Circulation Manager, S. J. Davis; Radio Editors, Cress Little, Rosaline Greene. BRANCH OFFICES: 11 West 42nd St., New York, N. Y., L. M. MacMillan; 1138 Lake Shore Drive, Chicago, Ill., L. R. Dean. The Advertiser carries articles on radio's progress as an advertising medium; also news of advertisers' and agencies' activities in the radio field.

Advertising Age

WEEKLY. 100 East Ohio St., Chicago, Ill. Phone, Delaware 1337. Publisher, G. D. Crain, Jr.; Managing Editor, Irwin Robinson. BRANCH OFFICE: 330 W. 42nd St., New York, N. Y.; Walter L. McCann, Eastern Editor; M. D. Hicks, Eastern Advertising Manager Treats radio strictly from the merchandising viewpoint; prints details of networks and talent used, but does not use material dealing with show-business phases of radio; also regularly prints statistical material on broadcasting, such as volume of time sales for major networks, and money spent on air by leading national advertisers, as well as news and discussions of broadcast trends and developments of interest to advertisers and advertising agencies.

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MONTHLY. 9 E. 38th St., New York, N. Y. Phone, CAledonia 5-9770. Published by Robbins Publishing Co. President, J. H. Moore; Editor, F. C. Kendall; Chicago Correspondent, Harry Hoole; Los Angeles Correspondent, Ned Brydone-Jack; Advertising Manager, Noel Breault. BRANCH OFFICES: 1370 Peoples Gas Bldg., Chicago, Ill., Harry Hoole. Western Adv. Mgr.; 714 West 10th St., Los Angeles, Calif., Ned Brydone-Jack, Representative. Limited largely to interpre-

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Air Law Review

QUARTERLY. 100 Washington Sq., E., New York, N. Y. Phone, SPring 7-2000. Publisher, Board of Air Law Review of New York University; Editor, Prof. Alison Reppy. Contains articles of technical interest on aviation and radio law; current comment on present-day problems of air law; notes and comment on important recent decisions and legislation; bibliographical section covering check-list and index of articles on air law in legal periodicals.

Bell Laboratories Record

MONTHLY. 463 West St., New York, N. Y. Phone, CHelsea 3-1000. Editor, P. B. Findley. Confines itself to the work and developments of Bell Telephone Laboratories. This publication is designed to strike a median level between the popular stories of the radio magazines and the technical presentations of the professional journals.

Bell System Technical Journal

QUARTERLY. 195 Broadway, New York, N. Y. Phone, EXchange 3-9800. Publisher, American Telephone & Telegraph Co. Scientific discussions of developments in radio-telephony and broadcasting facilities.

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WEEKLY. 9 Rockefeller Plaza, New York, N. Y. Phone, VAnderbilt 3-7138. Publisher, Ben Shlyen; Editor-in-Chief and Associate Publisher, Maurice Kann; General Manager, J. H. Gallagher; Eastern Editor, William Ornstein; Chicago Correspondent, Eugene Rich; Hollywood Manager, Ivan Spear; Advertising Manager, Louis Rydell. Covering briefly all radio developments of interest to the motion picture industry.

Broadcasting—Broadcast Advertising

SEMI-MONTHLY. National Press Bldg., Washington, D. C. Phone, Metropolitan 1022. Publisher, Martin Codel; Editor, Sol Taishoff; N. Y. Correspondent, Bruce Robertson; Chicago Correspondent, Paul Brines; Los Angeles Correspondent, David Glickman; Business Manager, F. G. Taylor; Advertising Manager, F. G. Taylor. Trade journal of the broadcasting and broadcast advertising fields.

Broadcasting Business

WEEKLY. 30 Carrington St., Sydney, Australia. Phone, B 7188. News Editor, L. Lippmann; Managing Editor, Oswald F. Mingay; Advertising Representative, W. Murphy; Technical Editor, J. R. Edwards. BRANCH OFFICE: R. W. Pfeil, 239 Collins St., Melbourne, Victoria. A trade weekly newspaper relating to commercial broadcasting and of particular interest to, and circulating among national advertisers, station advertisers, advertising agents and broadcasting stations.

Broadcasting Business Yearbook

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Broadcast News

BI-MONTHLY. N. Front St., Camden, N. J. Publisher, RCA Manufacturing Co.; Editor, Paul V. Lutz; Board of Advisory Editors, J. B. Coleman, V. E. Trouant, E. W. Engstrom, Dr. V. K. Zworykin, M. C. Batsel, F. X. Rettenmeyer, Dr. Irving Wolff, Dr. H. F. Olson and Dr. G. H. Brown. This publication is a house organ of the RCA Manufacturing Co. and is distributed among radio broadcast stations, consultant engineers, schools of engineering and research laboratories.

Canadian Advertising

QUARTERLY. 481 University Ave., Toronto, Ont., Canada. Phone, Adelaide 9131. Publisher, MacLean Publishing Co.; Managing Editor, H. A. Nicholson; Manager, B. G. Newton; Advertising Manager, W. F. Harrison; Data Editor, Jean R. Gemmell. BRANCH OFFICES: Dominion Square, Montreal, Canada; 919 N. Michigan Ave., Chicago, Ill.; 522 Fifth Ave., New York, N. Y. This publication is an advertising media reference book which includes a listing of Canadian radio stations, their rates, time on the air, power, frequency, etc.; besides media references it contains articles reviewing advertising activities in Canada.

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MONTHLY. 19 East 47th St., New York, N. Y. Phone, Plaza 3-0483. Publisher, Bryan Davis Publishing Co., Inc.; Editor, R. D. Rettenmeyer; New York Correspondent, S. R. Cowan; Business Manager, B. S. Davis; Advertising Manager, Paul S. Weil. Circulates among engineers, executives and other personnel engaged in the design, manufacture, installation, operation, service and maintenance of radio and wire communications, broadcast stations—police, marine, aeronautical radio and other point to point services—sound recording and projection—public address—television and picture transmission—and in the manufacture of all radio equipment and accessories, components and instruments used in these fields.

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QUARTERLY. 67 Broad St., New York, N. Y. Phone, BO 9-3800. Publisher, International Standard Electric Co.; Editor, H. T. Kohlhaas (address: Connaught House, 63 Aldwych, London, England); General Technical Director, G. Deaken; Assistant General Technical Director, W. H. Capen. Published for complimentary distribution primarily covering developments of the International Standard Electric Corp.

Electrical Digest

MONTHLY. 137 Wellington St., West, Toronto, Ont., Canada. Phone, Adelaide 1860. Publisher, Muir Publications; Managing Editor, J. Murray Muir. Serving the electrical industry in Canada, including manufacturers of radios and equipment.

Electrical and Radio World Trade News

TRI-MONTHLY, Department of Commerce, Washington, D. C. Phone, District 2200. Department Executive in Charge, John H. Payne, Chief of Electrical Div.; Editor, Katherine F. Hickey; District and Cooperative Offices throughout United States and Foreign Offices throughout the world. The material published in this periodical in regard to radio is primarily in the nature of news covering new broadcast installations in foreign countries as well as new developments in broadcasting and television. It reports items having to do with changes in foreign market possibilities, regulations, quotas, exchange, etc. Trade opportunities for specific products or agencies are included. Extensive reports covering any of these subjects are announced available for loan. All subjects referring to foreign commercial possibilities in its radio and electrical field, such as plans for or results from re-ciprocal trade agreements, are reported as fully as practical.

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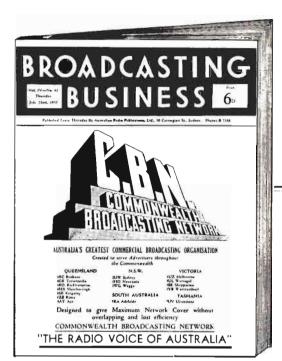
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Foreign Communication News

BI-MONTHLY. Department of Commerce, Washington, D. C. Phone, District 2200. Editor, G. Stanley Shoup. Contains items concerning telegraph, telephone, cable and radio communication developments in foreign countries, including rates, operating and financial data, legislation, etc.

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Hollywood Reporter

DAILY. 6713 Sunset Boulevard, Hollywood, Cal. Phone, HIllside 7411. Editor and Publisher, W. R. Wilkerson; Assistant to Publisher, George H. Kennedy; Advertising Manager, Thomas F. Seward; Radio Editor, W. F. Bloecher. BRANCH OFFICES: 229 West 42nd St., New York, N. Y. H. J. Schleier, Manager, Phone, WIsconsin 7-2470; 540 No. Michigan Ave., Chicago, Ill.; 2, Deanery Mews, Park Lane W. 1., London, England; 41 Rue Copernic, Paris, France; Erzebet Korut 7, Budapest; Gratte Ciel, Antwerp; Pelayo 1, Barcelona; 54, Via Della Mercede, Rome; Kungsgatan 28, Stockholm; 198 Pitt St., Sydney; San Martin 501, Buenos Aires. A publication devoted to the Motion Picture industry, its allies, and radio.

Metronome

MONTHLY. 119 West 57th St., New York, N Y. Phone, CIrcle 7-4500. Publisher, Metronome Corp. News, program comment; personality lines; pictures and captions; short interviews.

Modern Advertising

MONTHLY. 137 Wellington St., West, Toronto, Ont., Canada. Phone, WAverly 2711. Publisher, Weston Wrigley; Editor, Britton McCammon; Business Manager, A. H. Boyd; Advertising Manager, G. B. Wrigley. This publication is devoted to advertising and contains a special department, "Broadcast Promotion," which reports activities of radio stations and radio programs in Canada

Motion Picture Daily

DAILY. 1270 Sixth Ave., New York, N. Y. Phone, CIrcle 7-3100. Publisher, Martin Quigley; Editor, Sam Shain; Radio Editor, Jack Banner; Chicago Correspondent, W. F. Crouch; Los Angeles Correspondent, W. R. Weaver; Business Manager, T. J. Sullivan; Radio Advertising Manager, Robt. Harrison. BRANCH OFFICES: 6305 Yucca St., Hollywood, Calif.; 624 S. Michigan Ave., Chicago, Ill.; 4 Golden Square, London W-1, England; Albee Bldg., Washington, D. C. Spot news coverage; also radio reviews and column.

Musical America

SEMI-MONTHLY (except June to September, inclusive, when published monthly). 113 West 57th St., New York, N. Y. Phone, CIrcle 7-0522. Publisher, John F. Majeski; Executive Editor, Oscar Thompson. BRANCH OFFICE: 304 South Wabash Ave., Chicago, Ill. Maintains 200 representatives in cities throughout the world.

Musical Courier

BI-MONTHLY. 119 West 57th St., New York, N. Y. Phone, CIrcle 7-4500. Publisher, Music Periodicals Corp.; Editor, Leonard Liebling; Managing Editor. Horace Johnson; Chicago Correspondent. Rene Devries; Los Angeles Correspondent, Richard Drake Saunders, BRANCH OFFICES: 220 South Michigan Ave., Chicago, Ill., Rene Devries, Assoc. Editor; 5617 Hollywood Blvd., Los Angeles, Calif., Richard Drake Saunders, Representative; 6 Square Leon Guillot, Paris, France, Irving Schwerke, Associate Editor. Reviews of better class musical programs throughout the world in each issue

Nab Reports

WEEKLY. Normandy Bldg., 1626 K St., N.W., Washington, D. C. Phone, National 2080.

Proceedings of I. R. E.

MONTHLY. 330 West 42nd St., New York, N. Y. Phone, MEdallion 3-5661. Publisher, Inst. of Radio Engineers; Editor, Dr. Alfred N. Goldsmith; Business Manager, Harold P. Westman; Advertising Manager, John D. Crawford. The Proceedings is an engineering journal publishing technical paper on radio and allied subjects. Papers are published after review by two committees and the editor. Releases and other news cannot be used, but new commercial literature of engineering interest is listed each month. (Established in 1913, the Proceedings is now 25 years old, probably the oldest of all radio engineering publications.)

Proceedings of the Radio Club of America

SIX ISSUES PER YEAR. 11 West 42nd St., New York, N. Y. Phone. LOngacre 5-6622. Publisher, Radio Club of America Inc.; President, John H. Miller; Corresponding Secretary, Fred Muller; Editor, L. C. F. Horle.

Publishers' Information Bureau's National Advertising Records

MONTHLY AND QUARTERLY. 799 Broadway, New York, N. Y. Phone, STuyvesant 9-7334. Records of advertising on networks (monthly); and spotstation (quarterly).

QST

MONTHLY. West Hartford, Conn. Publisher, American Radio Relay League; Editor, Kenneth B. Warner; Managing

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Editor, Clark C. Rodimon; Advertising Manager, F. Cheyney Beekley; Circulation Manager, David H. Houghton; Acting Technical Editor, George Grammer. This publication is the official organ of the American Radio Relay League and is devoted to activities and developments in amateur radio.

Radex

MONTHLY (except July and August). 362 Cedar Lane, Teaneck, N. J. Phone, Teaneck 6-6247. Publisher, The Radex Publishing Co.; Editor, Page Taylor. This publication is for the radio listener who is interested in listening to distant stations. It is of interest principally to DXers.

Radio

MONTHLY (except August and September.) 7460 Beverly Blvd., Los Angeles, Calif. Phone, YOrk 7226. Published by Radio, Ltd. Publisher, K. V. R. Lansingh; Editor, W. W. Smith; Technical Editor, R. Dawley. BRANCH OFFICES: 11 West 42nd St., New York, N. Y., J. B. Carter; 3606 N. Bernard St., Chicago, Ill., C. W. Nelson. This publication is devoted to technical and constructional material for the amateur and also information on experimental and high frequency radio; content does not touch on the business, entertainment or personal sides of radio.

Radio Advertising Rates and Data

MONTHLY. 333 No. Michigan Ave., Chicago, Ill. Phone, Randolph 5616. President, Walter E. Botthof; Vice-President and Secretary, Albert Moss; Treasurer, R. A. Trenkmann. BRANCH OFFICES: 420 Lexington Ave., New York, N. Y., Phone, MOhawk 4-1220; 155 Montgomery St., San Francisco; 318 West Ninth St., Los Angeles. Radio station rates service revised and issued monthly.

Radio Amateur Call Book

QUARTERLY. 608 S. Dearborn St., Chicago, Ill. Phone, WAbash 1903. Publisher, Radio Amateur Call Book Inc.; Editor, Harold A. Rensch; Circulation Manager, D. A. Schroeder; Advertising Manager, C. O. Stimson. BRANCH OFFICES: 19 E. 47th St., New York, N. Y.; 10515 Wilbur Ave., Cleveland, Ohio; 4214 Country Club Drive, Long Beach, Calif. This publication contains up-to-date and complete lists of all radio amateurs throughout the entire world.

Radio-Craft

MONTHLY. 99 Hudson St., New York, N. Y. Phone, WAlker 5-0730. President and Publisher, H. Gernsbach; Vice-President and General Manager, R. W. DeMott; Managing Editor, R. D. Washburne. BRANCH OFFICE: 520 N. Michigan Ave., Chicago, Ill. Phone, SUperior 7306. This publication reports latest developments in the radio art, including trade news and technical descriptions.

Radio Daily

DAILY. 1501 Broadway, New York, N. Y. Phone, WIsconsin 7-6336. Publisher, John W. Alicoate; General Manager, Donald M. Mersereau; Editor, M. H. Shapiro; Business Manager, Marvin Kirsch; Los Angeles Correspondent, Ralph Wilk; Chicago Correspondent, Larry Wolters. BRANCH OFFICE: 6425 Hollywood Blvd., Hollywood, Calif.; Ralph Wilk, Manager. The National Daily Newspaper of Commercial Radio and Television.

Radio Dial

WEEKLY. 22 East 12th St., Cincinnati, Ohio. Phone, Cherry 0710. Publisher, Wilbert Rosenthal: Editor, James A. Rosenthal; Business Manager, A. M. Mathieux. A radio newspaper published weekly; columns by local radio authorities. News deals with actual broadcasts and human interest material.

Radio Digest

BI-MONTHLY. 7460 Beverly Blvd., Los Angeles, Calif. Phone, YOrk 7226. Published by Radio Ltd. Publisher, K. V. R. Lansingh; Editor, W. W. Smith; Technical Editor, R. Dawley. BRANCH OFFICES: 11 West 42nd St., New York, N. Y., J. B. Carter; 3606 N. Bernard St., Chicago, Ill., C. W. Nelson. This publication is devoted largely to reprints from magazines serving the entire radio technical field; content does not touch on the business, entertainment or personal sides of radio.

Radio and Electric Appliance Journal

MONTHLY. 1270 Sixth Ave., New York, N. Y. Phone, CIrcle 7-5842. Publisher, Henderson Publications Inc.; Editor, Glad Henderson; Associate Editor, Daniel Webster. BRANCH OFFICE: 664 N. Michigan Ave., Chicago, Ill. (Western Representative, Richard J. Burrill).

Radio and Electrical Sales

EVERY OTHER MONTH. 137 Wellington St., West, Toronto, Canada. Phone Waverly 2711. Publisher, Weston Wrigley; Editor, Henry McCardle; Business Manager, G. B. Wrigley; Advertising Manager, A. H. Boyd. A merchandising publication featuring window and store displays and advocating trade organization.

Radio Guide

WEEKLY. 731 Plymouth Court, Chicago, Ill. Phone, Wabash 8850. Publisher, M. L. Annenberg; Editor, Curtis Mitchell; N. Y. Correspondent, Martin Lewis; Los Angeles Correspondent, Evans Plummer; Business Manager, Geo. d'Utassy; Advertising Manager, Saul Flaum. BRANCH OFFICES: 551 Fifth Ave., New York, N. Y.; 9059 Sunset Blvd., Hollywood, Calif.

Radio Markets

(Quarterly Issue of Radio Art)

QUARTERLY. 515 Madison Ave., New York, N. Y. Phone, Plaza 3-7222. Editor and Publisher, C. R. Tighe. BRANCH OFFICES: 201 N. Wells St., Chicago, Ill., Manager, Scott Kingwell; 407 Van Nuys Building, Los Angeles, Cal., Dr. Ralph L. Power. National publication devoted to market and coverage information about radio stations.

Radio Mirror

MONTHLY. 122 East 42nd St., New York, N. Y. Phone, LExington 2-9050. Publisher, Macfadden Publications, Inc.; Editor, Fred R. Sammis; Executive Editor, Ernest V. Heyn: Los Angeles Correspondent, Elaine Osterman; Advertising Manager, Walter Hanlon. News and pictures of stars and shows; fictionization of radio serials; reprints of outstanding and important broadcasts; biographies; program listings.

Radio News

MONTHLY. 608 S. Dearborn St., Chicago, Ill. Phone, Harrison 7300. Published by Ziff-Davis Publishing Co. Publisher, William B. Ziff; Editor, B. G. Davis; Managing Editor, Karl A. Kopetzky; Circulation Manager, John H. Reardon; Business Manager, A. T. Pullen; Advertising Manager, Sanford L. Cahn. BRANCH OFFICE: 381 Fourth Ave., New York, N. Y. This publication is a technical radio magazine catering to the interests of the advanced listener, the radio amateur and embryo radio amateur, the short wave listener, experimenter, set constructor, serviceman, dealer and engineer.

Radio & Electrical Retailer of Australia

WEEKLY. 30 Carrington St., Sydney, Australia. Phone, B 7188. Managing Editor, Oswald F. Mingay; News Editor, K. H. M. Denny; Technical Editor, J. R. Edwards. BRANCH OFFICE: 239 Colins St., Melbourne, Victoria. A weekly trade newspaper covering the radio and electrical manufacturing, wholesaling and retailing industries of the Commonwealth of Australia; also includes electrical information regarding refrigerators and domestic electric appliances. News releases give personal and general information regarding manufacturers, retailers, etc.

Radio Retailing

MONTHLY. 330 West 42nd St., New York, N. Y. Phone, MEdallion 3-0700. Published by McGraw-Hill Publishing Co. Vice-President and Publishing Director, Howard Ehrlich; Manager, H. W. Mateer; Editor, O. Fred Rost; Managing Editor, W. W. Macdonald. BRANCH OF-FICES: 1105 Rhodes-Haverty Bldg., Atlanta, Ga., Ralph Maultsby; 520 N. Michigan Ave., Chicago, Ill., G. J. Seaners and M. C. Conserver, 1510 Horses Bldg. man and K. Groener; 1510 Hanna Bldg., Cleveland, Ohio, L. P. Canty; 16 S. Broad St., Philadelphia, Pa., F. P. Coyle; 883 Mission St., San Francisco, Calif., J. W. Otterson and R. N. Phelan, Radio Retailing is devoted to the selling and servicing activities of the radio dealer, serviceman and jobber. It is also widely read by radio manufacturers and their sales representatives. The publication covers the news of the radio industry, maintaining a permanent staff in the mid-west, on the west coast and in the east for news gathering and fact find-ing. Annually Radio Retailing presents a statistical review of the radio industry and at proper times publishes a directory of manufacturers, set specifications, etc.

Radio and Television

MONTHLY. 99 Hudson St., New York, N. Y. Phone, WAlker 5-0730. Editor and Publisher, Hugo Gernsback; Managing Editor, H. W. Secor; Secretary, Harriet Kantro. The editorial policy of this publication includes the reporting of radio and television news items with photos, interviews with prominent radio and television engineers, description of new inventions in radio and featuring, particularly, constructional articles on radio and television receivers and transmitters. Among the regular monthly features are: short wave station list; question box, "Let's Listen In" and "What Do You Think" columns, monthly

Silver Trophy Award for the best "ham" station photo, radio quiz, etc.

Radio Today

MONTHLY. 480 Lexington Ave.. New York, N. Y. Phone, PLaza 3-1340. Publisher and General Manager, M. Clements; Editor, Orestes H. Caldwell. Publication devoted to dealers, manufacturers, service men and distributors.

Radio Trade Annual and Service Manual

YEARLY. 30 Carrington St., Sydney, Australia. Phone, B 7188. Managing Editor, Oswald F. Mingay. BRANCH OFFICE: 239 Collins St., Melbourne, Victoria. Radio Trade Annual is a yearbook giving practically all the information required by radio manufacturers, distributors and servicemen for reference purposes.

Radio Trade-Builder

MONTHLY. 347 Adelaide St., West, Toronto, Ont., Canada. Phone, Elgin 0467. Publisher Hugh C. MacLean Publications Ltd.; Editor, T. C. Van Alstyne; National Advertising Manager, John T. Rochford. This publication reports general trade news of interest to radio dealers and servicemen, jobbers and manufacturers, radio engineers, broadcasting stations, etc. It also contains merchandising and service articles of interest to retail radio trade.

Radio Weekly

WEEKLY. 99 Hudson St., New York, N. Y. Phone, WA 5-2576. Publisher, Edward H. Davis; Editor, Cy Kneller; Advertising Manager, Sidney E. Davis; News Editor, Ray Ganly.

Radio World

MONTHLY. 145 West 45th St., New York, N. Y. Phone, BRyant 9-0558. Published by Hennessy Radio Publications Corp. Publisher and Editor, E. L. Moore; President and Treasurer, James E. Bryan; Advertising Manager, Herbert E. Hayden. This publication reports the news and is devoted to the technical interests of the serviceman, engineer, experimenter and amateur.

Report of Radio Research in Japan

TRI-ANNUAL. Imperial Academy House, Ueno Park, Tokyo, Japan. Phone, Shitaya No. 43. Publisher, National Research Council of Japan; Chairman, H. Nagaoka; Secretary, H. Honda. This publication reviews the radio progress in Japan.

RCA Review

QUARTERLY. 75 Varick St., New York, N. Y. Phone, WAlker 5-3721. Publisher, RCA Institutes Technical Press; Editors, Charles J. Pannill, Chairman of the Board of Editors; Ralph R. Beal; H. H. Beverage; R. S. Burnap; Irving F. Byrnes; Lewis M. Clement; Dr. Alfred N. Goldsmith; Harry G. Grover; O. B. Hanson; Charles W. Horn; Willson Hurt; Dr. Charles B. Jolliffe; Frank E. Mullen; Charles H. Taylor; Arthur F. Van Dyck; W. S. Fitzpatrick, Secretary of Board of Editors. RCA Review aims to present a record of outstanding developments of the laboratories of the Radio Corporation of America in radio and associated electronic subjects.

Service

MONTHLY. 19 East 47th St., New York, N. Y. Phone, PLaza 3-0483. Publisher, Bryan Davis Publishing Co.; Editors, R. G. Herzog, R. D. Rettenbeyer; N. Y. Correspondent, S. R. Cowan; Business Manager, B. S. Davis; Advertising Manager, Paul S. Weil. Circulates among distributors of radio parts and accessories, radio set distributors, distributors of public address equipment and all types of sound apparatus; service organizations specializing in radio and allied industries; service departments of radio set and parts distributors and dealers, department stores, radio set manufacturers, public address manufacturers, and kindred lines; radio dealers, sporting goods, music and automotive stores as well as other retailers handling radio and television; independent radio service men and service engineers.

Stage

MONTHLY. 50 East 42nd St., New York, N. Y. Phone, VAnderbilt 3-6886. Publisher, John Hanrahan; Executive Editor, Ruth Woodbury Sedgwick; Radio Editor, Leonard Schurmann; National publication devoted to every phase of the entertainment field.

Standard Rate and Data Service

MONTHLY. 333 No. Michigan Ave., Chicago, Ill. Phone, Randolph 5616. President, Walter E. Botthof; Vice-President and Secretary, Albert Moss, Treasurer, R. A. Trenkmann. BRANCH OFFICES: 420 Lexington Ave., New York, N. Y., Phone, MOhawk 4-1220; 155 Montgomery St., San Francisco; 318 West Ninth St., Los Angeles. Advertising rate service for publication field revised and issued monthly.

Telecommunications Reports

WEEKLY. 1158 National Press Bldg., Washington, D. C. Phone, District 2678. Editor, Roland C. Davies. Specialized Washington news letter on communications.

Television and Short-Wave World

MONTHLY. 37-38, Chancery Lane, London W.C.2, England. Publisher, Bernard Jones Publications Ltd.; Editor, H. Corbishley. This publication is devoted to television and allied subjects, and shortwave communication.

Tide

BI-MONTHLY. 232 Madison Ave., New York, N. Y. Phone, AShland 4-3390. President and Publisher, David Frederick; Editor, E. L. Hess; Chicago Correspondent, J. E. West; Los Angeles Correspondent, R. J. Birch. BRANCH OFFICES, 125½ Luckie St., Atlanta, Ga., John H. Reagin; 734 Little Bldg., Boston, Mass., Arthur F. Chapin; 360 N. Michigan Ave., Chicago, Ill., J. E. West; 846 South Broadway, Los Angeles, Calif., R. J. Birch; 155 Sansome St., San Francisco, Calif., R. J. Birch. Report radio news of interest in the advertising field

Variety

WEEKLY. 154 West 46th St., New York, N. Y. Phone, BRyant 9-8153. Publisher, Sid Silverman; Editor, Sid Silverman; Radio Editor, Bob Landry; Business Manager, Harold Erichs; Advertising Manager, Hyatt Daab. BRANCH OFFICES: 54 W. Randolph St., Chicago, Ill., Hal Halperin; 1708-10 No. Vine St., Hollywood, Calif., Arthur Ungar.

Western Advertising

SEMI-MONTHLY. 564 Market St., San Francisco, Calif. Phone, GArfield 8966. Publisher, Ramsey Oppenheim; Managing Editor, Robert Edmundson Wade, Jr.; Radio Editor, R. E. Wade, Jr.; N. Y. Correspondent, L. V. Hohl; Los Angeles Correspondent, W. M. Brown. BRANCH OFFICES: Graybar Bldg., New York, N. Y., L. V. Hohl, N. Y. Manager; 426 S. Hill St., Los Angeles, Calif., W. M. Brown, So. Calif. Manager. New developments in radio generally and reporting news of western accounts and stations from a commercial angle.

The Wireless Engineer

MONTHLY. Dorset House, Stamford Street, S.E.1, London, England. Publisher, Iliffe & Sons Ltd.; Technical Editor, Professor G. W. O. Howe; Editor, Hugh S. Pocock. The Wireless Engineer publishes articles on research and progress in radio engineering and a most comprehensive service of abstracts of the world's technical radio literature. Articles usually deal with original research.

The Wireless World

WEEKLY. Dorset House, Stamford Street, S.E.1, London, England. Publisher, Iliffe & Sons Ltd.; Editor, Hugh S. Pocock. The Wireless World covers the whole field of radio, but specializes in articles relating to the design of receivers, particularly for broadcasting.

World Radio Markets

NON-PERIODICALLY. Department of Commerce, Washington, D. C. Phone. District 2200. John Payne, Chief Electrical Division; Editor Lawrence D. Batson. BRANCH OFFICES: District and cooperative offices of Bureau of Foreign and Domestic Commerce throughout the General; introductory description of the market; area and population; climate and geography; sets in use; number and distribution. Selling methods; distribution; distribut-ing. Advertising: facilities and cus-Packing and shipping. Terms and discounts: prevalent practices. Set market: demand; potentialities; sales volume. Types and preferences: cabinets, dials, number tubes, makes, power supply, climatic conditions affecting materials; representative prices. Automobile sets: use; cars registered; radio in taxicabs and buses. Parts and servicing: component required by domestic set industry; service facilities. Tubes: American types, European types, availability and representative retail prices; requirements for domestic set industry. Loudspeakers: requirements for domestic industry and for servicing. Intercommunicators: systems for interoffice communications, use, market. Battery sets and batteries: battery operated sets, prevalence; battery supply. Wind driven power supply: prevalence, wind data. Transmitters and accessories: possibilities for sale. Sources of supply: supplying countries, epecially of tubes and sets. Manufacture: domestic industry, especially for sets and tubes. Television: development, potentialities. Amateur: number, organization, equipment. Police radio: Facsimile. Airways radio: development. Broadcasting: organization and practices, stations. Regulations, etc.

RADIO EDITORS and WRITERS of NEWSPAPERS IN THE UNITED STATES and CANADA



The following list of radio editors writing for newspapers in the United States and Canada was compiled from questionnaires submitted in the Second Annual Radio Daily Poll and through the cooperation of radio stations in both countries.

ALABAMA

Birmingham News: Turner Jordan Birmingham Post: M. H. Potter Southern Radio News (Birmingham): Homer T. Suddeth

ARIZONA

Phoenix Gazette: Jerry McLain Phoenix Republic: Frank Ross Phoenix Visitors' Guide: Warren Krause Phoenix Weekly Gazette: Don Frederick-

Tucson Citizen: Radio Editor Tucson Star: Fitz Turner

ARKANSAS

Hope Star: Alex Washburn
Jonesboro Sun: Fred Troott
Jonesboro Tribune: Donald Murray
Arkansas Democrat (Little Rock): Harlan Hobbs
Cinemag (Paragould): Billy Justice

CALIFORNIA

Berkeley Gazette: Helane Peters
Fresno Bee: A. J. Welter
Fresno Guide: James McCollum
Fresno News: A. R. Parcher
Hollywood Citizen-News: Zuma Palmer
Long Beach Press-Telegram: Fulton
Fields
Long Beach Sun: Dave Lewis
Gilmore Mike (Los Angeles): Bernie
Miligan
Los Angeles Examiner, Los Angeles
Herald & Express, Los Angeles
News, Los Angeles Times (for logs

only): Jack Holmes Madera Tribune: Radio Editor

Merced Sun-Star: Radio Editor

Oakland Tribune: Jack Burroughs. Charles McIntosh Pasadena Independent: Bill Bird Pasadena Post & Pasadena Star News: Reginald Warren Sacramento Bee: Ronald Schofield Sacramento Union & The Sacramentorian: Kirt McBride San Francisco Call Bulletin: Bob Hall, Earl Gibson San Francisco Chronicle: Herb Caen. George Isaacs San Francisco Examiner: Edward Mur-San Francisco Life: J. Clarence Myers San Francisco News: Claude La Belle, Emily Hodell Santa Ana Journal: Frank Orr Santa Ana Register: Mason Yould Santa Rosa Press-Democrat & Santa Rosa Republican: Mike Pardee Stockton Independent: Tom Regan, Al Trivelpiece Stockton Record: Rossi Reynolds Turlock Journal: Radio Editor Watsonville Register-Pajaronian: Edgar Slusser, Ralph Salazar Watsonville Sun: Howard Shaeerin Woodland Democrat: Lucille Evans

Oakland Post Enquirer: Emmet Briton

COLORADO

Alamosa Courier: John L. Dier Alamosa News: Riley L. Emmons Denver Daily Record-Stockman: Gordon Clark

Denver Post: Betty Craig, A. De Bernardi, Jr.

Rocky Mountain News (Denver): James Briggs Greeley Booster: Loren Walling Greeley Journal: Gene Vervalin Monte Vista Journal: Lonnie Pippin

CONNECTICUT

Bridgeport Post & Bridgeport Telegram:
Rocky Clark
Bridgeport Herald: Leo Miller
Bridgeport Times-Star: Fredric Thoms
Danbury Times: Karl Nash

Greenwich Time: Bernie Yudain

Hamden Times-Observer: Alex A. Gagliardi

Hartford Courant: Donald Smith, Douglas B. Fellows, John Reitmeyer Hartford Times: Harold B. Waldo, Julian

Tuthill Connecticut Echo (New Haven): Mar-

jorie Zimmerman South Norwalk Sentinel: Rod Leland Stamford Advocate: Leonard Massell Waterbury Democrat & Waterbury Republican & American: Ray Fitzpatrick

DISTRICT OF COLUMBIA

Washington Herald & Times: Bernie Harrison Washington News: Katherine Smith, Don Craig Washington Post: Nell Clement, J. H. Heiney, Charles Moore

Washington Star: Chris Mathiesen

FLORIDA

Lakeland Ledger: Sam Farebel
Lakeland News: W. H. Lovering
Miami Herald: Marion Stevens
Miami News: Boardman Byrd
Radio Journal (Miami): (Mrs.) C. F.
Towle
St. Petersburgh Independent: Bill Dun-

lap
St. Petersburg Times: Donald Cook
Tampa Times: William I. Waters

Tampa Times: William L. Waters Tampa Tribune: Carl Johnson

GEORGIA

Albany Herald: Jimmie Robinson Athens Banner-Herald: Bryan C. Lumpkin

Atlanta Constitution: Sam Clark, Howell Jones

Atlanta Georgian & American: Keeler McCartney

Atlanta Journal: Ernest Rogers Macon News: Radio Editor Macon Telegraph: Radio Editor

Waycross Journal-Herald: Martha Jane Folsom

IDAHO

Boise Capital News; Radio Editor Caldwell News-Tribune: Maurice Russell Idaho State Journal Tribune: Mel Dorius Twin Falls Times: James Mullin

ILLINOIS

Champaign News-Gazette: Dick Childs Chicago American: Esther Schulz, Lorraine Neistrum

Chicago Herald & Examiner: Ulmer Turner

Chicago News: Joseph Gorg

Chicago Times: William Irwin, Don Foster

Chicago Tribune: Larry Wolters

Radio Guide (Chicago): Curtis Mitchell Decatur Herald & Review: E. O. McCann East St. Louis Journal: Robert Boylan Coles County Shopper (Mattoon): C. L. Denning

Peoria Journal-Transcript: R. M. Shepherdson

Peoria Star: Bill Oakley

Rockford Register - Republic: Jean Grimm

Tuscola Review: Everett Bruhn Rockford Star: Curtis West

Illinois State Journal (Springfield):
Harry Moody

INDIANA

Evansville Courier: Clarence Kerlin Evansville Press: Clifton Brooks Indianapolis News: Herbert Kenney Jr. Indianapolis Star: Robert Tucker, Corbin Patrick

Indianapolis Times: James M. Thrasher Lafayette Journal-Courier: Dick Green

Terre Haute Star & Tribune: Radio Editor

IOWA

Cedar Rapids Gazette: Ed Dose
Council Bluffs Nonpareil: Andy Thornell
Davenport Times & Democrat: Ina
Wickham, Rose Tart
Des Moines Dispatch: J. McCormick
Des Moines Register & Tribune: Mary
Little
Shenandoah Sentinel: R. K. Tindall
Sioux City Journal: Willis Forbes
Sioux City Tribune: John Boob
Waterloo Courier: Radio Editor

KANSAS

Kansas City Kansan: Ruth Kendall, Francis Meisner Lawrence Journal-World: Robert Busby Manhattan Chronicle: George T. Hart Salina Journal: Doretha Smith Topeka Capital: E. D. Keilmann Topeka State-Journal: George Hillyer Wichita Beacon: Sid Coleman Wichita Eagle: Tem Clinton

KENTUCKY

Lexington Herald & Lexington Leader: Dick C. Ferguson

Louisville Journal-Courier & Louisville Times: James Sheehy, Bill Bryan Owensboro Inquirer: L. D. Gasser, John Potter

Owensboro Messenger: Clyde Watson Paducah Sun-Democrat: Joe La Gore

LOUISIANA

New Orleans Item & Tribune: Gus Koorie

New Orleans States & Times-Picayune: Arline Stafford

Shreveport Journal: Tom Ashley Shreveport Times: Radio Editor

MAINE

Bangor Commercial: Frank Bass Lewiston Post: Radio Editor Le Massager (Lewiston): Radio Editor Portland Express & Herald Express: Ina B. Somerville

MARYLAND

Baltimore News-Post & Sunday American: J. Hammond Brown
Baltimore Evening Sun: Harry Stewart
Baltimore Morning Sun: E. J. Chapman
Baltimore Sunday Sun: Harry Haller,

Frances Hiss
Cambridge Tribune: Radio Editor
Crisfield Post: Radio Editor
Cumberland News: M. F. Prendergast
Cumberland Times: J. William Hunt
Salisbury Advertiser: Radio Editor

MASSACHUSETTS

Boston American: Newcomb F. Thompson
Boston Globe: Elizabeth L. Sullivan
Boston Herald Traveler: Alice Quinlan
Boston Post: Howard Fitzpatrick
Boston Record: Herbert O'Connell
Boston Transcript: Frederick W. Hobbs
Christian Science Monitor (Boston): Al-

bert Hughes
Fall River Herald News: Edward J.
Delaney, Henry Degnan

L'Independent (Fall River): P. A Lajoie

Gloucester Times: John A. Radcliffe Greenfield News: Bolton Young Lawrence Eagle & Tribune: Cobastian Bartolotta

Lawrence Telegraph: Radio Editor Lowell Leader: Ethel K. Billings Lowell Sun: Charles Sampas
L'Etoile (Lowell): Lucien A. Desmarais
Lynn Item: Hazel Anderson
Medford Mercury: John S. Quinn
New Bedford Mercury: Carl Williams
New Bedford Standard Times: John
Dakin, Jr.

Peabody Times: Ralph Sawyer Somerset Spectator: S. Hathaway Springfield News & Republican: Benjamin Buxton

Springfield Union: Henry P. Lewis, Frank Murray

Taunton Gazette: James N. Lincoln Worcester Gazette & Post Telegram: Radio Editor

MICHIGAN

Battle Creek Enquirer & News: Frank
Lynn

Battle Creek Moon-Journal: J. Ray Simmons

Bay City Times: Alice Zingg

Detroit Free Press: Edgar A. Guest, Jr. Detroit News: Herschell Hart

Detroit Times: Pat Dennis

Grand Rapids Herald: William B. Mc-Claran

Grand Rapids Press: Evelyn Kruse
Kalamazoo News Advertiser: Barney
Stonehouse

Lansing State Journal: Jerry Root Muskegon Chronicle: R. Bowles Muskegon Heights Record: G. Curry Saginaw News: Leslie A. Wahl

MINNESOTA

Bemidji Star: Radio Editor Duluth Herald & News Tribune: J. T.

Fergus Falls Tribune: Radio Editor Minneapolis Journal: J. J. Biddison,

Muriel Nelson Minneapolis Star: Eleanor M. Shaw,

Dave Silverman
Minneapolis Tribune: Phil Shipley, E. A.
Ahlstrom

Moorhead News: Stanley Cowan

St. Cloud Times-Journal: Harold Schoel-

St. Paul Dispatch & Pioneer Press: C. T. Peterson, Oakes Miller, Kathryn Gorman

St. Paul Shopper: Doris Book

Winona Republican - Herald: William Morgan

MISSISSIPPI

Brandon News: Ralph Maddox Tupelo Journal: Don Lilly

MISSOURI

Columbia Missourian: A. E. Soderstrom Joplin Globe & News Herald: Ray S. Cochron Kansas City Journal: John Cameron Swayze

Kansas Čity Star: V. S. Batton, H. Dean Fitzer

Butler County News (Poplar Bluff): Loren Marshall

St. Joseph News-Press: Prentiss Mooney St. Louis Globe-Democrat: Harry La

Louis Post-Dispatch: James Spencer

St. Louis Star-Times: R. Reynolds, Ray V. Hamilton, Miss Hagen Springfield News & Leader: Dick Terry

NEBRASKA

Beatrice Sun: R. S. Marvin Fremont Tribune: Lynn Fenstermacher Grand Island Independent: Radio Editor Hastings Tribune: Harold Hamil Lincoln Star & Journal: Bruce Nicoll Nebraska State Journal (Lincoln):

Barney Oldfield Omaha Journal Stockman: Russell

Briggs

Omaha Tribune: Carl Peter Omaha World-Herald: Keith Wilson

NEW HAMPSHIRE

Manchester Union: Robert Blood L'Avenir National (Manchester):

Ernest A. Bournival Portsmouth Herald: Percy Moulton

NEW JERSEY

Asbury Park Press: Helen Firstbrook Atlantic City Press & Union: Howard P. Dimon

Camden Argus: William H. Jeffries Camden Courier-Post: Doris Carey, Marian Gibson

South Jersey News (Camden): Albert Kaplan

East Orange Courier: Stan Coe Monniouth Democrat (Freehold):

Radio Editor

Jersey Observer (Hoboken): H. Sullivan Jersey Journal (Jersey City): C. J.

Long Branch Record: Houston Brown Newark Ledger: Radio Editor Newark News: Hubert E. Ede Newark Star Eagle: Radio Editor Newark Sunday Call: Albert Edwin

Red Bank Register: Radio Editor Hudson Dispatch (Union City): Radio Editor

NEW MEXICO

Duke City News: William T. Harris Gallup Gazette: Evon Z. Vogt Hobbs News & Sun: Ken Dixon Hobbs Post-Courier: Stu Morrison New Mexico Examiner (Santa Fe): J. F. Pichler

NEW YORK

Knickerbocker News (Albany): Ed Healy

Albany News: H. Goldstein

Albany Times-Union: A. F. Demess Auburn Citizen-Advertiser: Victor

Binghamton Press: George Curtis Binghamton Sun: Letitia Lyon Brooklyn Citizen: Murray Rosenberg Brooklyn Eagle: Joe Ranson, Dave

Bratton

Buffalo Courier-Express: George Oliver Buffalo News: Rod Reed, Joseph Haeff-

Buffalo Times: Richard J. Murray Canton Advertiser: J. A. Finnegan Canton Plain Dealer: Atwood Manley Putnam County News (Cold Spring):

George O'Donnell Elmira Advertiser: Charles Barber Elmira Star-Gazette: George McCann Elmira Sunday Telegram: Donald Seely Jamestown Journal: John A. Hall Jamestown Post: J. Harold Swanson Newburgh News: Thomas Yates Associated Press (New York City):

Charles Butterfield New York Herald Tribune: John Bogart

New York Journal-American: Dinty
Doyle, Tom Brooks
New York Mirror: Nick Kenny
New York News: Ben Gross, Sid Shalit New York Post: Leonard Carlton New York Sun: E. L. Bragdon
New York Times: Orrin E. Dunlap, Jr.
New York World Telegram: Alton Cook United Press (New York City): Webb

Artz Olean Times-Herald: Don Walker Plattsburgh Press: Mr. Lynch Plattsburgh Republican: T. M. Farrell Champlain Valley Review (Port Henry):

Al Dreyfass Poughkeepsic Sunday Courier: Perry Walsh

Rochester Democrat & Chronicle: Waldon Yerger, William D. Manning Rochester News: J. P. Dwyer Rochester Sun: Burgess Smith Rochester Times-Union: Waldon Yerger Saranac Lake Mirror: Leon Bourne Schenectady Gazette: Ned Wintersteen Schenectady Union-Star: John L. Blawis Syracuse Herald: Robert Hoffman Syracuse Journal & Sunday American: George Wright, E. R. Vadeboncuer

Syracuse Post-Standard: Jack Baker, John Grimes

Troy Observer & Budget: H. Goldstein Troy Record: A. F. Demess Troy Times: Walter Demers Watertown Times: Dominic Pepp

NORTH CAROLINA

Asheville Citizen & Times: c/o WWNC. Robert B. Bingham

Charlotte News: W. Williams
Charlotte Observer: H. A Rouser
Durham Herald: Fred Hanney
Durham Sun: Wyatt Dixon
Raleigh News & Observer: Charles
Packer

Raleigh Times: Julian Krawcheck Winston-Salem Journal: Stuart Rabb

NORTH DAKOTA

Devils Lake World: Gordon Stefonowicz Fargo Forum: Alma Riggle McLean County Independent (Garrison):

Radio Editor Stutsman County Record (Jamestown):

Radio Editor

Mandan Courier: Forrest Edwards People's Opinion (Valley City): I. J. Moe Valley City Times-Record: Phil Marks

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Akron Beacon Journal: Dorothy Doran Ashtabula Star & Beacon: Frank Ander-

Canton Repository: Clifford Gross Cincinnati Enquirer: Jack Rogers Cincinnati News: Elmore C. Bacon Cincinnati Post: Paul Kennedy Cincinnati Times-Star: France Raine Cleveland Plain Dealer: Robert S.

Stephen
Cleveland Press: Norman Siegel
Columbus Citizens: George Hage
Columbus Dispatch: Carl De Bloom, Jr.
Ohio_State Journal (Columbus): Harold

Eckert
Columbus Sunday Star: Joe R. Mills
Conneaut News-Herald: Robert St. John
Dayton Herald: Mr. Fleisher
Dayton Journal. Jack Carr
Dayton News: Chuck Gay
Fostoria Review: LaVern Huth
Geneva Free Press: Charles Bonsor
Lima News: James Blissel
Painesville Telegraph: David E.

Bollinger, Jr.
Sidney News: Marjorie Troester
Springfield News: Richard Wolbert
Springfield Sun: Mr. Henley

Tiffin Advertiser-Tribune: Arnold
Whalen
Toledo Blade: Richard Pheatt, John N.

Grigsby, Mitchell Woodbury Toledo Times: Chester Morton Warren Tribune Chronicle: Don Mc-Creery

Youngstown Vindicator: (Mrs.) Marion C. MacDonald

OKLAHOMA

Ada News: W. D. Little
Ardmore Ardmoreite: Ramon Martin
Oklahoma City News: Emery Grinell,
Mr. Hickman
Oklahoma City Oklahoman & Times:

Leon Hatfield Shawnee News & Star: Maxine Eddy Tulsa Tribune: Kenneth Johnston, Bill Stevens

Tulsa World: Harry La Ferte

OREGON

Albany Democrat-Herald: Walter Coover Corvallis Gazette-Times: C. E. Ingalls Eugene Register-Guard: William Tug-

Portland Journal: Lawrence Gilbertson Portland News-Telegram: Eddy Golick Portland Oregonian: William Moyes,

William Morp

Salem Capital Journal: Radio Editor Oregon Statesman (Salem): Radio Editor

PENNSYLVANIA

Allentown Call: Wayne Holben Allentown Chronicle & News: Edward Snyder

Snyder
Altoona Mirror: Ted Holsinger
Altoona Tribune: Paul Lamade
Ardmore Main Line Times: Radio Editor
Bethlehem Globe-Times: Mr. Knipe
Chester Times: Radio Editor
Conshohocken Recorder: Richard Collins
Erie Dispatch-Herald: A. J. White
Erie Times: Charles Wells
Harrisburg Telegraph: Eddie Fisher
North Penn Weekly News (Lansdale):
Charles Maguire

Lewisburg Bucknellian: Reg Meariden Norristown Times-Herald: (Miss) T. Collins

Philadelphia Bulletin: Elmer Cull Philadelphia Inquirer: Frank Rosen Philadelphia News: Dorothy Guinan,

Raymond Gathrid
Philadelphia Public Ledger: George Opp
Philadelphia Record: George Lilley
Radio Press (Philadelphia): Norman Jay
Pittsburgh Post-Gazette: Darrell Martin
Pittsburgh Press: Si Steinhauser
Pittsburgh Sun-Telegraph: Zora Unkovitch

Schuylkill New Deal Reporter (Pottsville): Joseph Gallagher Scrantonian (Scranton): Radio Editor Sunbury Daily-Item: Reg Meraiden

Williamsport Gazette & Bulletin: Quentin Beauge Williamsport Sun: Mark Good

RHODE ISLAND

Newport Herald: William D. Hazard Newport News: Frances X. Flannery Pawtucket Times: Sylvester Sprague Providence Journal & Bulletin: Ben Kaplan

Rhode Island Globe (Providence):

K. W. MacMullen Newport Sentinel (Tiverton): S. Hatha-

Woonsocket Call: Gregory S. Greene L'Independent (Woonsocket): Radio Editor

SOUTH CAROLINA

Columbia Record: Caldwell Withers Columbia State: John Montgomery Greenville News: Dan Crosland Greenville Piedmont: Jimmie Thompson

SOUTH DAKOTA

Pierre Capital Journal: James B. Hipple

TENNESSEE

Chattanooga Free Press: Ralph Sanders Chattanooga News: Wilbur Kinley Knoxville Journal: Carl Moore Knoxville News-Sentinel: Glann McNeil Memphis Commercial Appeal: Robert Gray Memphis Press-Scimitar: John Rogers

TEXAS

Amarillo Globe & News: Wes Izzard, Bill Wilson, Dick Martin Austin American & Statesman: Bill

Weeg
Austin Dispatch: Radio Editor
Big Spring Herald: Bob Whipkey
Brownsville Herald: Radio Editor
Dallas Dispatch: Charles Kelley
Dallas News: John Rosenfield, Victor
Davis

Dallas Times-Herald: Douglas Hawley, Jimmy Lovell Edinburg Review: Radio Editor

Edinburg Review: Radio Editor El Paso Herald-Post: Radio Editor Fort Worth Press: Jack Gordon, Delbert Willis

Fort Worth Star-Telegram: Bill Potts, Mark Burroners

Gladewater Times: Radio Editor Valley Morning Star (Harlingen):

Radio Editor
Henderson Times: Radio Editor
Kilgore News: Radio Editor
Longview News: Radio Editor
Marshall News Messenger: Radio Editor
McAllen Monitor: Si Casady
Pampa News: Ted DeWeese

Paris News: Henry Moore San Angelo Standard & Times: Radio Editor

San Antonio Express: A. W. Grant
San Antonio Light: Renwicke Carey
San Antonio News: Mary Louise Walliser

Sherman Democrat: Wayne Atkins Temple Telegram: Carolyn Malina Texarkana Gazette & News: J. Q. Mahaffey

UTAH

Ogden Standard-Examiner: Glen Perrins Price Sun Advocate: Hal McKnight Salt Lake City Deseret News: Radio Editor Salt Lake City Telegram: Radio Editor Salt Lake City Tribune: L. D. Simmons

VERMONT

Burlington Free Press: Frank L. Freeman

VIRGINIA

Charlottesville Movie News: Lexington Gazette: Lewis Jones Norfolk Ledger-Dispatch: Charles Hoofnagle

Norfolk Virginian-Pilot: Radio Editor Orange News: Radio Editor Richmond News - Leader: Elizabeth

Copeland
Richmond Times - Dispatch: Norman

Roanoke Times: M. Carl Andrews Roanoke World-News: Shields Johnson Northern Virginia Daily (Strasburg): E.

E. Keister Waynesboro News - Virginian: C. E. Humphries

WASHINGTON

Aberdeen World: Harlan Plumb
Centralia Tribune: Jean Gass
Chehalis Advocate: George Hayden
Everett Herald: Radio Editor
Everett Shopping News: (Miss) E
Alexander

Hoquiam Washingtonian: Elmer Holmberg

Kelso Kelsonian: J. Carlton Moore Longview News: Mary Kerr Olympia News: E. F. Hultgren Olympia Olympian: Horace M. Lane Seattle Post - Intelligencer: Eddie

Mitchell, Edith White
Seattle Star: Roy Ryerson
Seattle Times: Robert Heilman
Spokane Chronicle: Storey Buck
Spokane Press: Robert Clemens
Spokane Spokeman - Review: Byron

Johnsrud

Tacoma News Tribune: Paul Anderson Tacoma Times: Jane Mottau Tenino Independent: Don Major Nisqually Valley News (Velm): Elmer Fristoe

Walla Walla Union Bulletin: H. Sherman Mitchell, R. W. Fisher Yakima Independent: C. Jorgentson

WEST VIRGINIA

Bluefield Sunset News: Harry Ball Charleston Mail: A. R. Knapp Clarksburg Telegram: Frank Carpenter Fairmont Valley News Index: Bernard Gottlieb, C. M. Connell

Huntington Advertiser: Catherine Enslow

Greater Wheeling Home Talk: Lester Smith

WISCONSIN

Wisconsin State Journal (Madison):
William L. Doudna
Milwaukee Journal: Edgar Thompson

Milwaukee News & Sentinel: Vivian Gardner Racine Journal-Times: Kent Owens

The Voice (South Milwaukee): Radio

Stevens Point Journal: James W. Hull

WYOMING

Sheridan Advisor: Francis Risher Sheridan News: Archie Nash Sheridan Press: L. L. MacBride

TERRITORY OF HAWAII

Honolulu Advertiser: Ray Coll Honolulu Star-Bulletin: Kiley Allen

ALBERTA

Calgary Albertan: W. Campbell
Calgary Herald: Helen Fraser
Broadcast Programs Magazine (Calgary): J. R. Fraser
Edmonton Bulletin: Mr. De Prose
Edmonton Journal: Gordon McCallum
Lethbridge Herald: Agnes Freebairn

BRITISH COLUMBIA

Nelson News: Pat Megar
Trail Times: Weil McKelvic
Vancouver News-Herald: Jack Scott
Vancouver Province: Jack Stepler
Vancouver Sun: Don McKim, William
Newell

Canadian Listener (Vancouver): Radio
Editor

Western Canada Radio News (Vancouver): H. Reader

MANITOBA

Winnipeg Free Press: H. E. Spencer Winnipeg Free Press Prairie Farmer: Norma Elliott Winnipeg Tribune: Denny Brown

NOVA SCOTIA

Amherst News: R. M. Ross Halifax Chronicle: Harold Hoganson New Glasgow News: H. R. Sutherland Sydney Post-Record: Radio Editor Truro News: Radio Editor

ONTARIO

Clinton News-Record: G. E. Hall Kincardine News: J. W. MacLeod North Bay Nugget: E. Bunyan Ottawa Citizen: Claude C. Hammerston Ottawa Droit: Radio Editor Ottawa Journal Dailies: Radio Editor St. Catharines Standard: Don Smith Seaforth Huron Expositor: K. M. Mc-Lean

Sudbury Star: C. H. Smith Teeswater News: V. A. Statia Timmins Press: Bill Wren

Toronto Globe & Mail: Charles Jenkins Toronto Star: Jim Annan, Bob Turnbull Toronto Telegram: Jim Hunter

Toronto Telegram: Jim Hunter
Marketing (Toronto): Radio Editor
Radio Mirror Weekly (Toronto): Frank

Chamberlain

PRINCE EDWARD ISLAND

Charlottetown Patriot: Radio Editor

QUEBEC

La Progres du Saguenay (Chicoutimi):
Radio Editor
La Voix de l'Est (Granby): Radio Editor
Levis Quotidien: Radio Editor
Montreal Gazette: Thomas Archer
Montreal Herald: Owen Channon
Montreal Monitor: Jack Hirshberg
Montreal Standard: Eddy Cannon
Montreal Star: David M. Legate
Canada, Le (Montreal): Benoit Lafleur
Devoir, Le (Montreal): Lucien Desbiens
L'Illustration Nouvelle (Montreal):
Marc Thibault

Montreal Jewish Eagle (Montreal):
Radio Editor

McGill Daily (Montreal): Elie Abel Patrie, La (Montreal): Rosaire Carbonneau

Petit Journal, Le (Montreal): Robert Prevost

Press, La (Montreal): Romeo Leblanc Quartier Latin, Le (Montreal): Andre Dussault

Quebec Chronicle-Telegraph: W. H. Hanson

L'Action Catholique (Quebec): Paul Du Berger

L'Evenement (Quebec): Radio Editor Journal, Le (Quebec): Jean Marion Soleil, Le (Quebec): Miss Denault Le Progres du Colfe (Rimonski): Le

Le Progres du Golfe (Rimouski): Leopold Lamontagne

Sherbrooke Record: Radio Editor Nouvelliste, Le (Three Rivers): Radio Editor

SASKATCHEWAN

Moose Jaw Times-Herald: Vic Mackie Moose Jaw Weekly News: G. C. Russell Western Spotlight (Moose Jaw): Gordon Brown

Prince Albert Herald: E. N. Davis
Prince Albert Reminder: J. Bussiere
Regina Leader-Post: Gee Johnson
Regina Star: Fes Fairley, Andy McDermott

The Broadcast (Wakaw): S. Smith

1938 IN HEADLINES

FROM



Jan. 3-ARTA Starts New Drive. (Concentrating on Local Stations.)

Jan. 4-FCC May Ask License Fee.

Jan. 5 - Hearst Radio Expanding Operations. (Newly Organized Division Known as International Radio Sales.)

Jan. 6-6 NBC Shows Renewed. (Cities Service. Sterling Products & American Home Products.)

Jan. 7—Congress Quizzes FCC.

Jan. 10-CBS Forms Adult Education Board.

Jan. 11-1RNA-AFM Plan Effective Jan. 17.

Jan. 12-MPPA to Distribute Record ET Royalties.

Jan. 13-Chicago May Lose Top Bands.

Jan. 14—Chase & Sanborn, Jack Benny Top Nationwide Radio Editors' Poll. (First RADIO DAILY Poll.)

Jan. 17-90 Percent of Affiliates Sign AFM Deal.

Jan. 18-CIO Boycott on Carter. (Threatens General Foods Products.)

Jan. 19-Average Sponsor Outlay Up 24.4 Percent. (NBC Analysis.)

Jan. 20-Ruthrauff & Ryan Tops CBS Billings.

Jan. 21-Zenith in New Campaign.

Jan. 24-NBC Daytime Revenue up 34 Percent in 1937.

Jan. 25-Blackett-Sample-Hummert Led Agencies on NBC.

Jan. 26-Agencies Spot Checkup. (Stations Resentment Threatens Spot Rate Rise.) Jan. 27-Changes Plans on Radio Measure. (Sen-

ator Herring Would Increase FCC Powers.)

Jan. 28—Canadian Policy Attacked. (Raps Government Competition With Private Firms.)

Jan. 31-Radio Improving, Critics Declare. (RA-DIO DAILY's First Annual Critics' Forum.)

Feb. 1-Chicago to Resume Recording.

Feb. 2-\$4,297,600 CBS 1937 Net.

Feb. 3-Cantor on Camel March 28.

Feb. 4-Web Billings to be Soft-Pedalled.

Feb. 7-CBS Television Plans Are Delayed.

Feb. 8-Craven Opposes Government Operation.

Feb. 9-RCA Net for 1937 Estimated at 9 Million. Feb. 10-Legislators Go For Baldwin Report. (Part-

ing Blast on Leaving NAB.) Feb. 11-Year-Round Advertisers Increase.

Feb. 14-250 Arrive for NAB Meet. (Annual Convention in Washington.)

Feb. 15-NAB Plan is Adopted. (Reorganization.)

Feb. 16—McNinch to Ask Probe. (Monopoly.)

Feb. 17-Proceed on NAB Plan. (Executive Committee Chosen, Ethridge Temporary Chairman.)

Feb. 18-Loucks is Put in Temporary Charge. (NAB.)

Feb. 21-8-Million Tax Seen in State Bill. (Proposed N. Y. Measure Placing Radio Under Public Service Commission.)

Feb. 23-Web Billings at New Top.

Feb. 24-McNinch Opposes Burdensome Tax.

Feb. 25-Loopholes Found in N. Y. Radio Bill.

Feb. 28-400 Stations in Used Car Drive.

Mar. 1-WLW Hearing May 16. (Parley Scheduled on Limitation of Power.)

Mar. 2—AFM Redrafting Disk License.

Mar. 3-CBS Open Door to New Talent.

Mar. 4-Coast Stations Crippled by Flood.

Mar. 7-First Edition of RADIO ANNUAL Now in Distribution.

748 Stations in National Airmail Week.

Mar. 8-Crosley Stations Get Facsimile Equipment

Mar. 9—AFM Asks Small Station Minimum.

Mar. 10-FCC Seeks Plan on Listener Kicks.

Mar. 11-General Mills Again Leads as Baseball Sponsor.

Mar. 14—No Tax This Session.

Mar. 15-Nets Bring 17 Trans-Atlantic Programs to Cover Hitler Coup.

Mar. 16-NAPA's Petrillo Deal Very Much Unsettled.

Mar. 17-FCC Mulls Craven "Order." (Believes Adoption Will Stall Off Congressional Investigation.)

Mar. 18-Wants FCC Included in Probe.

Mar. 21-IRNA Contracts Okayed.

Mar. 22-Major Networks up 11 Percent.

Mar. 23-Wimbledon Contracts U. S. Webs.

Mar. 24-FCC May Probe in Fall.

Mar. 25-Petrillo Not Taking NAPA Offer.

Mar. 28—Indies Convening Today. (To Decide Action on AFM Demands as Musicians Use Disk Threat.)

Mar. 29-U. S. Programs "Cream" of Shows, CBC

Mar. 30—Indies Win AFM Respite.

Mar. 31—Ethridge Drafted by NAB.

April 1—CBS Artist Bookings Show Sharp Increase.

April 4—U. S. Accounts Abroad Reveal 30 Percent Increase.

April 5—Los Angeles Dailies Toss Out Radio News. Columns.

April 6—Record March Billings.

April 7-FCC Denies Dodging Congress.

April 8-AFM Calls WDSU Strike.

April 11—AFL Sustains Musician Rights on Handling ET.

April 12-No Censor Say Sponsors.

April 13—CBS Ups Show-Building. (Special Staff Under Long-Term Contracts.)

April 14—FCC Rejects Congressional Probe.

April 15-Webs Nod to Co-on Biz.

April 18—NBC Bigger Pay Checks to Over 100 Employees.

April 19—Television Schedule Back on NBC on 5-Hour Basis.

April 20—Coast's Station Rep Situation Gets Hotter With Petry Entry.

April 21-The New WMCA.

CBS First-Quarter Profits Up; Re-elect Board at Annual Meet.

April 22—Syndicate Seeks Radio Holdings. (Western Newspaper Union Reported Lining Up 300 Non-Affiliated Outlets.)

April 25-AFM-Indies in Accord.

April 26—AP Kills News-Sale Vote. (First Board Defeat in Decade.)

April 27—Ether Takes ANPA Rap. (But Radio Conceded Better National Medium.)

April 28—Kellogg's Biggest Sports Set-up.

April 29—CBS-KNX New Studio Debut Gala Day in Web History.

May 2—Minton Berates Dailies. (Senator Defends Radio.)

May 3-WMCA Sells 19-Hour Block.

May 4—FCC Hands Down Rules. (Also Okays 25 Clear-Channel 50 Kw. Stations.)

May 5-Radio Educational "Institute" Makes Awards; NBC Leads.

May 6-P. & G. in Program Shift.

May 9—NBC's First Quarter Shows 4.9 Percent Increase.

May 10—Will Seek New Delay on FCC Power Hearing. (NAB.)

May 11—Regional Men Organize. (Opposing Power Grants in Excess of 50 Kw.)

May 12—Statement of Joint Committee on Radio Research.

Form Ohio Sales Institute. (First Organization of Its Kind to Specialize in Radio Salesmanship Training.)

May 13-Schedule "A" for Indies.

May 16—Civic Group Renewing "Air Freedom" Efforts.

May 17-NAB Fights U. S. Outlet.

May 18—AFM Rebukes Petrillo.

May 19—Chavez Bill Hearings. (Proposal for \$3,000,000 U. S. Outlet.)

May 20—Bayuk Cigar Goes Network With 21 Stations on Mutual.

May 23—CBS Reveals 121 Percent Radio Home Increase.

May 24—Chavez Bill Hearing Given Abrupt Ending.

May 25-Newspapers Still Militant.

May 26—Political Radio Budgets (Show All Parties Prefer The Ether To Newspapers).

May 27—More McFarlane Data. (Congressman Appears At House Committee Hearing With Connery And Wigglesworth Citing 'Facts And Figures'.)

How Show-Checking Device Being Installed For Surveys.

May 31—ARA Planning 'Action.' (American Radio Audience Wants To Horn In On NAB-McNinch Talks.)

June 1-NBC Opening Tele To Public.
House May Hear FCC Testify; White And

Wheeler Air Views.

June 2—McNinch Sets Line-Up (For Allocation

Hearing).
ASCAP's 1941 Status Doubtful To Itself.

June 3—Payne Appears Before House Rules Committee With Customary Blast; McNinch Set To Carry Out FCC Probe.

Tele Receivers Go On Sale; Curious Public Takes Peek.

June 6-Network Billings Up 2.5 Percent.

June 7—Ethridge Asks Three-Year Licenses At FCC Allocation Hearing.

June 8—Craig Asks 500 Kw. Limit For Clear Channel Group.

Networks Worth \$26,000,000 According To FCC's Study.

June 9—Payne Fails to 'Name' FCC Personnel;

Probe Now Unlikely.

June 10—More Super-Power Data Supplied At FCC Allocation Hearing.

Anti-Chain Measure Given Slim Chance.

June 13-House Votes Air Probe.

June 14—Potent AFM Resolutions Would Void Networks' "Subsidiaries." Create Powerful Copyright Lobby, And Tie Up With AFRA. Baird Tele Receiving Sets Will Be Sold To Theatres.

June 15-House Probe Defeated.

June 16-High Watters Testify.

NBC Gets 20 Fall Contracts For New And Renewed Shows.

June 17—Weber Calms Delegates, Preventing Drastic Move To Halt Web Service To New Orleans Outlets; Weber And Petrillo Make Up.

Senate Gives Okay To Havana Treaty.

June 20—End 'Channel' Testimony At FCC Super
Power Hearing.

Rambeau Plan Takes; 12 Stations Pledged.

June 21—AFM Tackles Radio. AFL Against 500 Kw.

NBC's Cut-In Rates Mostly Ironed Out.

June 22—Webs Or Stations Would Be Prevented From Cutting Advance Speech Copies In N. Y. 'Constitutional' Bills.

P. & G. Canadian Web Shows Will Use Native Live Talent.

- June 23-AFM Ban On Ad Records.
- June 24—Ask Payne's Removal. McNinch Plans Rules For Political Time. Rural Survey Shows 85 Percent Own Receivers.
- June 27-Kellogg Co. Account To Thompson Agency.

- Power Hearing Wearies. June 28—Educators Talk Radio; Play Up Value of Radio In Education.
- June 29-ASCAP Loses In Tacoma; Federal Judges Find Washington State Anti-ASCAP Law Constitutional. Canadian Listeners 66 Percent For U. S.

June 30-Transcription Men Agree with AFM To Try 3-Month Temporary ET Licenses As A Test Of Practicability. Willebrandt Slaps FCC Rule; Sees Legislative

Attitude.

July 1-Canada Copyright Dud; Involved Method Revision Causes Measure To Be Tabled And Dropped In Lap Of State Department. Tele Style Production Will Be Tried On Web.

July 5-Kansas Off 'Farm' Shows. Mutual June Gross Shows 72 Percent In-

crease. Miller Takes Charge; NAB's Labor Surveys.

July 6-Web Billings At Peak. FCC Issues New Regulations For Political

Broadcasting.

- July 7-Dempsey Probe Counsel (In Chain Investigation).
- July 8-Connery Farewell Blast (Praises Payne But Raps McNinch; Congressman McFarlane Wants Patent Licenses Made Compulsory). Lever Bros. Again Tops List of 65 Clients On CBS Web.
- July 11-Disk License Accepted (By ET Men And AFM).
- July 12-Rules For FCC Lawyers; (Commission Proposes New Procedure Resulting From Recent Hearing On Segal-Smith Charges). U. S. Interior Dept. To Enter Radio 'Biz.' Movie Officials Get Made Following KECA 'Incident.'
- July 13-Webs (NBC And CBS) Sign AFRA Pact. July 14-Recess Operator Hearing (Upon Request Of Various Groups), Standard Tele Rules Today By RMA-FCC.
- July 15-Radio Steals The Show (In Coverage Of Hughes' Flight). Zenith Gets Permit To Build Tele Station. FCC Requests Written Data On Operator's Specific Ideas.
- July 18-Miller On NAB Policy (Reveals Strong Stand On All Issues In First Formal Statement To Membership).
- July 19-WLW Presents Its Case; (Station's Attorney Questions FCC Right To Look Into Rates, Etc.).
- July 20-FCC-WLW Hot Joust. Ask NLRB Conduct Hearing in AFRA-St. Louis Impasse.

- July 21-AFM Tightens Reins (Recording Licenses Are Sent Out On Three-Month Trial). Music Fee Squabble Hits Hotel Radios.
- July 22—CBS Seeks Stage Writers. Dormant Patents Indicated As First NEC Probe Move.
- July 25-FHA Okays Radio Loans; (Money For Improvements Available Up To \$10,000 On Long Credit).
- July 26-Chicago Turns Bullish (As New And Potential Business Indicates Record Season). NBC Requests FCC Okay ET's To Canada. IRNA To Hold Convention; FCC Chain Probe In Mind.
- July 27-White's Cairo Report (Lists "Important Decisions" Affecting Broadcasting In U. S. In Lengthy Document To Secretary Hull). Philly Ponders Org To Handle Troubles. Nashville Stations Unite For Election.
- July 28-Kennedy's WLW Attack (Alleges "Little Fellow Squeeze" And Hints At Agency Radio Scripters To Battle Stage Writers' Invasion.

News Agencies Probe Commentator News

Sources.

- July 29—Teachers Study Radio (Rockefeller Funds Again Financing 6-Week Courses With Workshops; See Wider Classroom Use).
- Aug. 1-WSMB Make AFM Deal. U. S. Census Reports Huge Increase Of Farm Radios.
- Aug. 2-Indies Win AFM Delay. Major Webs Plan Extensive Work On Corrigan's Arrival.
- Aug. 3-Network Billings Vary; (NBC And Mutual Break July Records But CBS Shows Drop Over Same Period Last Year). Yankee Ball Club Burn-Up; Will Now Pass On Scripts.
- Aug. 4-Early Football Deals (By Atlantic Refining-Socony).
- Aug. 5-NAB Officials On Road; (Copyright Talk By Miller Scheduled). RFC Will Consider Loans To Radio Biz. Tire Sponsors Competing For 'Farm Hour' Coat-Tails.
- Aug. 8-AFRA's St. Louis Battle (NLRB Hearings Feature Announcers; Stations Want Two

New 'Farm' Receivers Developed By RCA. Petrillo To Defend Chicago Radio From CIO

- Aug. 9-Film Company In Tele Field (Third Pix Outfit Gets Affiliation As Paramount Buys Into DuMont; Warners' And RKO-Radio Set). American Television Company Reveals Patent Important To Tele. Seeks To Coordinate Radio-Film Equipment.
- Aug. 10—Build Olympics Air Fund (First \$50,000 For Radio Is Given By Finland, As Other Countries Are Setting Contributions). American Communications Association Starts Active Drive To Organize More Stations.

J. ...

Aug. 11-'Coast' Comics Eye N. Y. (Preferring Evening Audiences To Women And Children 'Matinees').

FCC Giving The Nod On Night Ball Games

- Aug. 12-Prepare New ASCAP Bill (Designed To 'Limit Activity' of ASCAP In N. Y. For January Legislature).
- Aug. 15-Charter Texas Network. Announcer (AFRA) Contract Is Signed by
- Aug. 16-IRNA Leaders Set Plans (For Forthcoming FCC Chain Probe).

NLRB Ends AFRA Hearing (In St. Louis); Expect Decision Next Week.

- Aug. 17—Mutual Closes Deal Adding Texas Group. Strong IRNA Position; (Affiliates Vote To Continue As Unit Of NAB). WLW Sets Program Changes; Many New Policies Planned.
- Aug. 18-Resume NBC Tele Tues. Survey Disks For 'Plagiarism' Evidence Against Commentators.
- Aug. 19-ASCAP Says Door Is Open (Will Deal With NAB, IRNA Or Other Group Or Individual Authorized).

Tele Set Firms Again Plan Dept. Store Public Peeps.

- Aug. 22-Miller Pledges 'Freedom' (NAB President Warns Wayward Outlets And Defends Government Regulation In First Public Speech).
- Aug. 23-IRNA Meets CBS And NBC Execs. Set Sales To Canada Show Sharp Increase. Olympic Air Funds Increase To A 'Subscribed' \$200 000.
- Aug. 24—CBS New Biz—\$8,690,000. Tele In Germany Far Ahead Of All Others. Says Wilder.

RMA Statistics Aid Production Problem. Aug. 25-NBC Denies ASCAP Move (Will In-

- clude NAB-IRNA In Any Contemplated WQXR To Experiment With 'Tape' Methods. Philco Gets Permit For A Tele Station. Major Labor Parties Plan Air Fight Via 'Candidates'.
- Aug. 26-IRNA In 'Mystery' Moves; (Network Officials Wonder). WLW Creates Bureau For Farm Programs. NBC In 'Frisco Complains To AFRA on KSFO's Breaks.
- Aug. 29-NAB Wants 'United Front' (In Any ASCAP Discussion).
- Aug. 30-Coast Dailies Still Mad; (Further Elimination of Air Columns Planned If Business Drive Fails).

Three Major League Clubs To Talk N. Y. Airing In Oct.

Aug. 31-AFM Delay For Indies (In Order To Close Pending Contracts). NAB Files Protest On Movie 'Attitude.'

Sept. 1—Readying Chain Probe. Sept. 2—Falstaff Peels Bankroll (In A \$250,000 Spot Appropriation).

- NBC Books Over \$10,000,000 In Accounts As Of Sept. 1.
- Sept. 6—Network Billings Mixed. NBC Nixes Sponsor Straw-Vote Series.
- Sept. 7—'Future Bright'—McNinch. Tele Receiver Kit Goes On Sale Today.
- Sept. 8-Music Code's Washout; (FTC Rules No U. S. Law Against Paying Artist For Plugging Songs; Restraint of Trade Hinted). Colleges Set Fall Sessions For Complete Radio Courses.
- Sept. 9-IRNA Claims Progress (With Agreement With Webs Reached Before FCC 'Probes'). Actors Ask AFRA To Rush AAAA Membership Contract.
- Sept. 12—Start NAB Movie Study (To Evolve Sound Basis for Better Cooperation).
- Sept. 13—Tele Standards To FCC; (RMA Hopes To 'Stabilize' Industry If Transmission Changes Are Okayed By Government Ex-New Recording Rules In Effect On Thursday.

Penn. Broadcasters Resolve Against Movies-AFM.

- Sept. 14—ASCAP Members Renew; (Extend Their Present Pacts From 1940 To Dec. 31, 1950; Coast Writers First To Sign). Southwest Theatres Start Air 'Invasion.'
- Sept. 15—World Transcription Service Sets 27 Markets 'Man-On-The-Street' In First Tele Test. Election Schedules At \$3,000,000 Mark.
- Sept. 16—FCC Talk Probe Date. Networks On 24-Hour Basis As European Crisis Holds. Courses In Television Added By New York University.
- Sept. 19-Foreign Accounts Shaky. Try RCA Facsimile For Home Use.
- Sept. 20—Remote Gadget Hearing; (Views Exchanged Between RMA And FCC On Low Frequency Devices In Attempt To Avoid Interference). Sponsors In Baseball Rush For Next Season Avalanche.
- Sept. 21-FCC Probe Date Oct. 24. Networks And IRNA Agreed On First Negotiating Step. Hugh Boice Resigns As CBS Sales Head.
- Sept. 22-Storm Hits Key Outlets (Disrupting For First Time Both CBS And NBC Schedule In New York; Commercials Re-Routed). Europe Not Leading In Tele Says Sarnoff Back In U. S.
- Sept. 23-Indies Meet AFM Today. Debate Billing 'Storm' Biz; NBC Can Claim 'Act Of God." Open CBS Institute As Aid To Teachers.
- Sept. 26—Indies-AFM Close Deal. Independent Station Organization On Permanent Basis. Form Regional Network Of Seven New York Stations.

- Sept. 27—'War' Events Come First (With Hitler's Talk Cancelling Commercials As A Climax To A Heavy Week-End).
 NBC Stations Sign For New Rep Policy.
 New England Stations Aid On All Sides In Emergency.
- Sept. 28—NAB Lauds Press And Radio For War Crisis Coverage. Firestone's New Splurge; (Rubber Companies

Battle For Rural Favor In National Coverage). FCC Gives Stations Night Pigskin Okay.

- Sept. 29—New Prestige For Radio; (Airing of News Before Commercials In European Crisis Is Hailed Throughout The Nation).
 - J. Walter Thompson Chicago Radio Dept. Moving Biz To N. Y.
- Spot Servicing Job Offered To Agencies.
 Sept. 30—Webs To Remain On Job (As War Possibilities Fade).

Southwest Papers And Radio Now Acting In Full Harmony.

- Oct. 3—Webs Set 'Series' Plans; Landis Ruling Bars KQV and WJBK.
- Oct. 4—McNinch Starts Shakeup; Wants Three Employe Divisions Exempt From Civil Service. Web Billings Again Mixed; CBS Off, MBS Reveals Gain.
- Oct. 5-NBC Billings Up 4.5 Percent.

 NBC Tele License Is Issued By FCC.

 Chicago Tribune Defends WMAQ Against

 Wave-Length 'Lift.'
- Oct. 6—'Series' Holds Limelight.
 Civil Service Heads Refuse McNinch 'Exempt'
 Proposals.
 Radio Will Sit In On Liquor Ad Talks.
- Oct. 7—Revising Web Policies; (Thorough Study By NBC Of Its Rule Governing Programs To Result In New Regulations Soon). Esso Reporter Paid Listing In Dailies On Trial Basis.
- New Regional Net Formed In Canada.
 Oct. 10—ET Outfit Now Worried; (Fear The New, Increased AFM Scale Will Force Higher ET Prices Unless Adjustment Is Made).
 Biow Buying WINS From Hearst Organization
- Oct. 11—Supreme Court Opinions (Give ASCAP Favorable Edge In Both Florida And Washington Suits).

Chicago Hotels To Accept Air Service Charge.
Opinions On Civil Service Widens Rift In
FCC Ranks.
Oct. 12—Webs Off The Deep End (Due To

- \$1,250,000 Spent In Offering Listeners Complete European Crisis Coverage).
 Paid Listing Now Acceptable In 237 Papers
 At Line Rate.
- Oct. 13—Station Drive Continues; (NBC Blue Adding More Bonus Markets).
- Foreign Nation Pacts For Future Coverage.
 Oct. 14—Reverse Brooklyn Cases (U. S. Court Of Appeals Says FCC Erred And Latter Admits It).

To 'Coordinate' RCA Tele; RKO Theatres In The Plan.

- Hampson Gary Ousted As FCC General Counsel.
- Oct. 17—NBC Sets Blue Buildup; Special Network Discount Structure In Effect Nov. 1.
 Federal Theatre's Raft Of 786 Air Scripts
 Available To Stations.
 CBC Reveals Profit of \$175,000 On Year.
- Oct. 18—New FCC Probe Moves; (Fear The Wide Dissension In Ranks Leaves The Door Open Again Unless President Roosevelt Should Intervene).

NAB Issues Books As Aid To Members. Huge Blue Network Audience 'Uncovered' By NBC's Survey.

- Oct. 19-U. S. Rules Sponsor Is Artist Employer. Right To Sue Won By SESAC In Philly.
- Oct. 20—Radio Sits In On Copyright Confab Re Berne Convention. Lohr Highly Optimistic For Final Quarter Of 1938.
- Oct. 21—Tele Ready Says Sarnoff.

 New Agency Service Sets Spotting Scale.

 KYA Drops Accounts in "Quality" Move.
- Oct. 24—See Rate Card Rise If Disk Costs Mount. CBS Billings Breakdown Show Decreases In 9-Month Period.
- Oct. 25—Webs Mull "Wage-Hours" Law. Music Men Will Again Seek Means Of Cutting Air Plugs.
- Oct. 26—CBS Policy Change May Broaden Base. AGRAP Will Tackle Artist Bureau IIIs.
- Oct. 27—FCC Pardons WTCN In "Horizon" Case; 29 Others In The Clear. WSAI Sticks To Sat. Music; Leaves Football To Others.
- Oct. 28—Political Revenue Soars.

 Brooklyn Cases Set For FCC Rehearing.
- Oct. 31—Huge Talent Union Planned By Gilmore.
 Optimistic On Spot Biz.
 FCC Prodded By RMA To Hurry Tele Setup.
- Nov. 1—Orson Welles' Show on CBS Provides Field Day For Dailies.

NBC Will Contest N. J. Restriction Law.

Nov. 2—See ASCAP 75 Percent Renewed. Nov. 3—CBS Up 49.2 Percent Over Sept.

WLS Half-Interest Purchased By NBC.
Nov. 4—\$10,000,000 Tele Setup Confirmed By Scophony.

Wages-Hours Law Remains A Bother.

- Nov. 7—Tele Impetus Growing With NBC Trying Ultra-High Frequencies For Distance.
- Nov. 8—NBC Oct. Billings Up 13 Percent.
 Paramount Readies Tele Pix For Release
 Through DuMont.
 "Flash" Tuned Down At McNinch Confab.
- Nov. 9—Radio's Big Election Job Finds Outlets Devoting Full Time and Garnering 85 Percent of Political Ad Budgets. RCA Tele Has 30,000 kc. Band; DuMont To Sell Transmitters.
- Nov. 10—McNinch Resumes Purge. Juvenile-Program Research Completed At Chicago U.

Nov. 11—RCA's \$20,000,000 Tele, Recorded Music Wins Award From Illinois Press Women

Nov. 14-Radio Strictly On Own.

Nov. 15—FCC Opens With Sarnoff (At Chain-Probe Hearings).

Nov. 16—Artist Bureau Testimony (Presents Gross And Net Figures Of NBC Artist Service At FCC Chain-Probe Hearings). Cantor Again Head of AFRA; Complete Slate Is Elected.

Nov. 17—IRNA Polls Affiliates on Network Production Policies. Power To Call Strike Voted to AFRA's National Board.

Nov. 18—Royal Takes The Stand (To Explain NBC Policies At FCC Chain-Probe). CIO Mulls "Education" Setup For Layman Through Radio.

Nov. 21—IRNA Indicates An Offensive Policy For Affiliates. AFRA To Press Pact With Ad Agency Organization.

World's Fair Tele Sets G. E. Backing.

Nov. 22—NBC To Sell Toscanini. (On Co-op Basis.)

WMCA Fails To Agree On Coughlin's Talk.

Nov. 23—FCC Probes NBC Program Policies.

Majority of Air Employees Unionized In Past Two Years.

Rockefeller Fund Gave Radio \$153,820.

Nov. 25—Battle Looms Over WPG Purchase By Arde Bulova. First Disk "Trade Showing" Planned By New ET Firm.

Prepared Statements At Chain Probe Decried By McNinch.

Nov. 28—WLW Omits Program Due To Its "Controversial" Nature.

Trammell Named NBC Executive Vice Presi-

dent.

Senator White Proposes A Six-Point Inquiry By Senate.

Nov. 29—Radio Is Chicago's Main Amusement As Shown By Educator's Report. McNinch Sets Up New Practice Rules For Attorneys.

Nov. 30—William Morris Agency Joins Forces With DuMont-Paramount To Insure Supply of Tele Talent.

Dec. 1—WPG Fight Waxes Hotter.
NAB and RMA Meet On Joint Promotion.

Dec. 2—Educators Laud Radio At School Broadcasting Confab.

Levy Leads Strong Protest Against Surprise Pa. Measure To Bar Airing Of Horse Races.

Dec. 5—Nov. Network Billings Up On NBC, CBS And Mutual. Few Radio Squawks To Better Biz Bureau.

Dec. 6—NAB Committee Works On Program Standards For Industry "Self-Regulation." Dec. 7—National Web Billings Passing Magazines.

Plan British Tele For Entire Country.

Dec. 8—Short Juvenile Revue Used To Prove Children Programs Are Not Detrimental. Radio Not Exempted In Wages-Hours Act.

Dec. 9—Auto Financing Code Halting Manufacturer-Dealer Ad Buying. CBS Will Make ETs Via New Record Co.

Dec. 12-AFRA Sets 4A Deadline.

Dempsey's New Setup For FCC Legal Dept.
Dec. 13—Sen. Wheeler Tells FCC Bar Probe
Should Extend To Entire Industry And FCC.
Late-Hour Program Mostly In Black Ink.
1939 Sports Sponsors To Reach An All-Time

High.
Dec. 14—NBC Attacks MBS Methods At FCC
Chain Hearing.
NAB Board OKs 'Frisco Meet In July; Votes
To Bar All Liquor Ads.
Brinkerhoff Buys NABS Disk Library.

Dec. 15—Hedges' Chain Probe Testimony Ends With FCC Counsel Finally Convinced That Networks Won't Prove Monopoly Charges Against Themselves.

Dec. 16—British Tele Here Soon; Activity May Start March 1 With Finances Assured, Says Head Of Scophony Ltd.

Dec. 19—NBC First-Quarter (1939) Boom Seen As Renewals Exceed 1938 Figures. One-Cent Sale Finally Hits Radio. CBS Issues First New England Rate Card.

Dec. 20—CBS Signs Its American Record Co. Deal. Ascap "Will Change" Distribution Method. Crosley Starts Work On (50Kw.) Short Wave Outlet.

Dec. 21—Open Letter By Dorothy Thompson On Coughlin Finds FCC Wary. RCA To Concentrate On Tele Set Sales. AFRA And Advertising Men Will Confer On "Code Of Fair Practice."

Dec. 22—NAB Defends Outlets Refusing "Controversial" Talks In Rebuff To Coughlin.

Dec. 23—WLW Hits "Power" Report Of Sub-Committee In Oral Hearing Before FCC. NBC Signs Program Deal With Latin American Stations.

Dec. 27—RADIO DAILY Survey In Mid-West Sees Radio's Biggest Year In 1939. Web Billings For 1938 Pass \$70,000,000 Mark. Grant Zworykin Basic Patent For Tele System.

Dec. 28—New Application Form For Stations Issued By FCC.

Dec. 29—Press-Radio Bureau Dropped By Networks.

AFRA-AAAA Showdown Reveals Agencies Want Sponsor Held As Employer Of All Talent.

Roosevelt Denies Plan To Reorganize FCC.

Dec. 30—FCC Absolves Examiner Hill Of Scandal Charges. NAB Taking Aspect Of Big Trade Associa-

Trammell Departs.

tion.

Strotz Takes Over NBC-Chicago Post As

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Insurance Advertising Over the Air.

It's a Good Morning Program.

Just How Do Shifts in Media Effect Radio Sales.

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Medicine Chests, Boudoir Tables and Radio Listening.

Microphones, Movie Stars . . . and Soup.

Names Make News.

New Policies.

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. . . To Shrink Space.

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Very Rich

Vienna.

You Do What You're Told.

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All Three of Us Can't Be Wrong.

Along Different Lines.

Award Folder.

Coverage: Maps and Market Data of the

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A Day In the Life of Ray D. O'Dollar.

The Greeks Used a Wooden Horse. Hollywood Moves East.

Hollywood Playhouse Program Folder.

How Big Is a Rubber Band,

The Human Element In a Sheet of Steel.

Mutual Marches On.

Napoleon's Boots.

"Put It In Quotes."

Study In Ups and Downs.

Take Your Choice.

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We Suspect.

Publications of the National Broadcasting Company

Always Ready to Move.

And Now . . . The Listener Speaks.

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From Sweet and Low.

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Let's Look at Radio Together.

Money at the Cross Roads.

NBC's Great Music.

1120 5 0.000 12050.

NBC Industrial Studies Automotive Industry.

Confectionery and Brewing Industry.

Drug Industry.

Hotel and Travel Industry.

Laundry Soaps and Cleansers Industry.

Radio Industry.

Study of Keative Effectiveness of Major Auvertising Media.

Study of Use of Broadcast Advertising by Department Stores.

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Pick Your Thrill.

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Radio Stations of the United States and Canada.

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High Spots In Sports.

Straight Across the Board.

Stubble, Stubble, Sales Are Double.

A Tense World Speaks for Itself.

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330 West 42nd St., New York, N. Y. BRyant 9-0430

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To provide a common forum and a central medium for cooperative effort on behalf of all individuals and

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To determine and disseminate more accurate knowledge of the functions of advertising in business, and

To help increase the effectiveness of advertising as

an instrument of distribution, with its resulting bene-

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To aid in raising the standards of education and training for advertising practitioners.

American Association of Advertising Agencies

420 Lexington Ave., New York, N. Y. MOhawk 4-7982

fits to business and the general public.

American Association of Baseball Broadcasters

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FUNCTIONS

The purpose of this organization is to foster more uniform play-by-play pictures of league baseball games.

American Communications Association (C. I. O.)

10 Bridge St., New York, N. Y. BOwling Green 9-3007

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FUNCTIONS

This organization is an industrial union whose members are in the broadcasting industry. Union is affiliated with the C.I.O.

American Council on Education

744 Jackson Place, Washington, D. C. NAtional 5691

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This council's purpose is to place the resources of the educational institutions of the United States more completely at the disposal of the national govern-ment and its departments. Its radio activities are confined to the holding of national conferences, the third of which is tentatively scheduled for early in 1939. The conferences are held to provide a national forum of educational and broadcasting interests for the furthering of education by radio.

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6 E. 39th St., New York, N. Y. AShland 4-5140

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FUNCTIONS

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1560 Broadway, New York, N. Y. Wisconsin 7-9021

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1450 Broadway, New York, N. Y. PEnnsylvania 6-2546

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FUNCTIONS

AGMA is a union whose purpose is to bargain collectively on behalf of solo musical artists in the protection of their common interests. It is not directly engaged in the radio industry and is affiliate of the American Federation of Radio Artists which has direct jurisdiction over broadcasting artists.

American Guild of Radio Announcers and Producers

13-26 142nd St., Melba, Long Island INdependence 3-2633

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FUNCTIONS

This organization is an independent labor union, industrial in character, representing announcers, producers, sound effects technicians, radio engineers. etc., at radio stations throughout the United States.

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1621 Millard St., Bethlehem, Pa.

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FUNCTIONS

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Bidg., San Francisco, Calif.

CUBA: Dr. Ricardo E. Viurrun, 7 O'Reilly Street,
Havana, Cuba.

Associated Actors and Artistes of America

25 West 45th Street-Room 1604, New York City, N. Y.

Phone: BRyant 9-9237.

OFFICERS

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Executive SecretaryPaul	
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FUNCTIONS

Associated Actors and Artistes of America, generally known as the Four A's, holds the international charter from American Federation of Labor covering theatrical entertainers. Actors' Equity, American Federation of Radio Artistes, Screen Actors Guild, Chorus Equity, etc., are granted charters via Four A's.

Association of National Advertisers.

330 West 42nd St., New York, N. Y. BRyant 9-6330

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FUNCTIONS

The Association of National Advertisers is composed of the leading companies of the United States who use advertising. Its function is to represent them and further their interests as buyers of advertising

Association of Radio Transcription Producers of Hollywood, Inc.

Hollywood Blvd. at Cosmo, Hollywood, Calif. HOllywood 3545

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DIRECTORS

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FUNCTIONS

This organization is a cooperative trade association of companies active in the transcription business in hollywood. Membership is composed of: Allied Fho-nograph & Record Co.; Walter Biddick Co.; Radio Recorders; Radio Transcription Co. of America, Ltd.: C. P. MacGregor Sound Studios; R. U. McIntosh & Associates; Mertens & Price, Inc.; American Record Co.; Ray Morgan & Co.; Standard Radio, Inc.; Recordings, Inc.

Authors' Club, Inc., Hollywood

6525 Sunset Blvd., Hollywood, Calif. Hillside 7497

OFFICERS

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BOARD OF DIRECTORS

A. Gaylord Beaman, E. Manchester Boddy, Don Ilman, Richard Hageman, Harold Hurlbut, Harry Gilman, Kohr, Robert Wildhack, Marek Windheim.

FUNCTIONS

The Authors Club operates the Writers' Registration Bureau, which offers a protective service on ideas of any kind. This service includes the filing of an idea in graphic form at its offices.

Authors' Guild

6 E, 39th St., New York, N. Y. AShland 4-5141

OFFICERS

President.								.	Н	e	n	d	ri	k	Willi	am	t V	an	Lo	on
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Authors' League

6 E. 39th St., New York, N. Y. AShland 4-5141

OFFICERS Vice-PresidentElmer DavisLuise Sillcox Treasurer Assistant Secretary......Jocelyn Tong

FUNCTIONS

The Authors' League of America, Inc., is the national organization of authors, dramatists, screen writers and radio writers. It was organized in 1912 in order to procure adequate copyright legislation, in order to procure adequate copyright legislation, both international and domestic; to protect the rights and property of all those who create copyrightable material of whatever kind or nature; to advise and assist all such in business matters relating to the disposal of their productions and to obtain for them prompt remuneration therefor; to disseminate information among them as to their just rights and remedies. Its membership is approximately 4 000. proximately 4,000.

Canadian Association of Broadcasters

Suite 1014, Metropolitan Bldg., Toronto, Ont., Canada Elgin 5623

OFFICERS

..... Harry Sedgwick Vice-President H. Gordon Love Secretary-Treasurer T. Arthur Evans

FUNCTIONS

The Canadian Association of Broadcasters is a trade association comprising 57 privately owned radio

Canadian Performing Right Society, Ltd.

1003 Royal Bank Bldg., Toronto, Canada

OFFICERS

President-Managing Director...H. T. Jamieson, F.C.A.

BOARD OF DIRECTORS

Gene Buck, Louis Bernstein, John G. Paine, Ralph Hawkes, Holmes Maddock, H. T. Jamieson.

Catholic Actors Guild of America, Inc.

Hotel Astor, New York, N. Y. CIrcle 6-5566

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FUNCTIONS

The Catholic Actors Guild is a charitable, benevo-lent and social organization for the people of the theatre, non-sectarian in scope.

Catholic Writers Guild of America, Inc.

128 W. 71st St., New York, N. Y. ENdicott 2-0411

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Comite International de la Radioelectricite

39, Rue du General Foy, Paris, France Laborde 25-28

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FUNCTIONS

The purpose of this international organization is to codify the multiplicity of facts and interests into general regulations and to form a doctrine which can be used as a basis of international radio law. Membership is composed of all those interested in radio from the technical, social, and economic phases of business and to this end international congresses are held, a bibliography of international documents has been compiled, and a permanent board of international arbitration has been formed.

Educational Radio Division

United States Office of Education, Washington, D. C.

	OFFICERS	
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Director	William	Dow Boutwell
Business Manager	Richard	Philip Herget
Production Director	P	hilip H. Cohen
Musical Director		udolf Schramm

FUNCTIONS

The Educational Radio Division is attempting to make educational programs interesting to a larger majority of radio listeners. In doing this it conducts experimental demonstrations in the use of radio in the service of education.

Federal Communications Bar Association

National Press Bldg., Washington, D. C.

OFFICERS

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FUNCTIONS

To promote the proper administration of the Communications Act of 1934 and related acts, to uphold the honor of practice before the Federal Communications Commission, and to encourage cordial intercourse among the practitioners.

Financial Advertisers' Association

231 South La Salle St., Chicago, III.

DIRECTORS

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FUNCTIONS

This organization is an infernational non-profit association of financial institutions for the betterment of public relations. In the accomplishment of this purpose, the association publishes a monthly publication in which a section is devoted to radio; permanent portfolios on the subject are maintained.

Institute of Radio Engineers, Inc.

330 West 42nd St., New York, N. Y. MEdallion 3-5661

OFFICERS

******	-				
President			. R.	Α.	Heising
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International Broadcasting Union

(Union Internationale de Radiodiffusion) Palais Wilson, 52, rue des Paquis, Geneva Switzerland

Telephone: 29.055

OFFICERS Secretary General.....A. R. Burrows Assistant Secretary General.....M. Dovaz Director of Technical Observation Station...R. Braillard Assistant Director of Technical

TECHNICAL OBSERVATION STATION

32, Avenue Lancaster, Uccle 3 Brussels, Belgium. Phone: 44.17.97.

FUNCTIONS

The International Broadcasting Union has been tounded to establish relations between the various European and non-European organizations operating broadcasting services, to centralize the study of all questions of general interest arising from the development of broadcasting, and to promote the interest of the latter in every domain. On the technical side. the Union acts as expert for the European administrations in all questions relating to the application of the European Broadcasting Convention, which determines the distribution of wavelengths among the different European broadcasting stations. Its Brussels office checks the frequencies of broadcasting stations daily. In connection with its work the Union publishes monthly bulletins for its members as well as other information in the form of booklets and books on the subject of broadcasting service.

International Short Wave Club

923 Vine Street, East Liverpool, Ohio 1685-R Main

OFFICERS

President	& Editor		Art	hur J. G	ireen
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FUNCTIONS

The purpose of the organization is to gather information, helpful hints, station schedules, etc., and send this to members of the organization. The club has members in 141 countries and possessions that act as news reporters.

The Lambs

130 W. 44th St., New York, N. Y. BRyant 9-8020

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	ding Secretary	
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Market Research Council

444 Madison Ave., New York. ELdorado 5-6400

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The Masquers

1765 N. Sycamore Ave., Hollywood, Calif. HOllywood 2164

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Music Publishers' Protective Association, Inc.

45 Rockefeller Plaza, New York, N. Y. Circle 6-3084

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National Advisory Council on Radio in Education

60 E. 42nd St,. New York, N. Y. MUrray Hill 2-3420

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FUNCTIONS

The National Advisory Council on Radio in Education was organized to promote the more effective utilization of the art of broadcasting in the general field of American education. Its membership includes representatives in the field of education cation, government and industry as well as the general public.

National Association of Broadcasters

Normandy Bldg., 1627 "K" Street, N. W., Washington, D. C. National 2080

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(WHA, Madison, Wisconsin) TreasurerW. I. Griffith (WOI, Ames, lowa)

Executive Secretary ... Frank Schooley (WILL, Urbana, Illinois)

FUNCTIONS

To further the interests of educational broad-casting stations and educators broadcasting over commercial stations.

National Association of Performing Artists

630 Fifth Ave., New York, N. Y. Circle 7-8194 OFFICEDS

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^{*} One-year terms.

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Vallee, Don Voorhees, Paul Whiteman, Efrem Zimbaliet

FUNCTIONS

The object of the Association is to protect the performances of its members and the prevention of their unauthorized use primarily by broadcast stations, coin-operated machines, etc.

National Committee on Education by

Room 308, One Madison Ave., New York, N. Y. LExington 2-7142

OFFICERS

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(Dir., Division of Extension, Kansas State College)
Secretary S. Howard Evans

FUNCTIONS

Acts as spokesman in radio matters for organized education. Aids and encourages non-commercial radio stations. Promotes cooperation between edu-cators and commercial broadcasters. Acts as clearing house for information about education by radio.

National Industrial Advertisers Association, Inc.

100 E. Ohio St., Chicago, Ili. Superior 8140

OFFICERS .Stanley A. Knisely (Republic Steel Co.) Vice-President.... Secretary-Treasurer......A. E. Hohman
(Blaw-Knox Co.)

FUNCTIONS

This organization is a trade association devoting its efforts exclusively to the advancement of industrial advertising and marketing technique and practice.

National Research Council of Japan

Imperial Academy House, Ueno Park, Tokyo, Japan Phone: Shitaya No. 43

..... H. Nagaoka ChairmanH. Honda Secretary

National Variety Artists, Inc.

223 W. 46th St., New York, N. Y. COlumbus 5-2638

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Pacific Advertising Clubs Association

645 Rialto Bldg., San Francisco, Calif. Ex. 7337

OFFICERS . Harold R. Deal President... President Harold R. Deal Senior Vice-President Norton W. Mogge Secretary-Treasurer Charles Rupp

FUNCTIONS

This association is composed of advertising clubs in twenty-three cities on the Pacific coast from Phoenix, Arizona to Vancouver, British Columbia, including Ogden, Utah and Boise, Idaho. Its work is educational, advancing the interest and function of all phases of advertising. A convention is held annually.

The Proprietary Association

701 Otis Bldg., 810 Eighteenth Sf., N. W., Washington, D. C. OFFICERS

. Robert L. Lund

Counsel..... Rogers, Ramsay & Hoge

FUNCTIONS

This organization is a trade association devoting its efforts to the mutual cooperation and advancement of its members who are manufacturers of packaged medicines, cosmetics and proprietary articles. Its Advisory Committee on Advertising reviews copy (including radio scripts) in the association's campaign of self-regulation of the industry in an effort to improve advertising standards and practices and to assist members of the industry in the preparation of copy that will be in compliance with the requirements of the law and to further assist wherever possible with other advertising problems. Members requirements of the law and to turner assist wherever possible with other advertising problems. Members are turnished with digests of FTC Cease and Desist orders or Stipulations issued against advertising in the proprietary field.

Radio Broadcast Engineers and Technicians, I.B.E.W. L.U. 913

Room 1611-12, 265 W. 14th St., New York, N. Y. WAtkins 9-6709

OFFICERS

.....Louis J. Kleinklaus President... Vice-President Bernard J. Fuld Recording Secretary Paul G. Hale

FUNCTIONS

An American Federation of Labor organization to bargain collectively for Radio Broadcast Engineers & Technicians covered by a charter from the I.B. E.W. with full autonomy in the Broadcast field for Greater New York and Vicinity. Known as—RADIO BROADCAST ENGINEERS & TECHNICIANS I.B.E.W. LOCAL 913.

The Radio Club of America, Inc.

11 W. 42nd St., New York, N. Y. LOngacre 5-6622

		OFFICE	:K2		
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FUNCTIONS

Object of the club is the promotion of cooperation among those interested in scientific investigation and amateur operation in the art of radio communication.

Radio Manufacturers Association

1317 F Street, N. W., Washington, D. C. OFFICERS

....A. S. Wells (Wells-Gardner & Co.)
Executive Vice-President-General Manager

Bond Geddes

..... James S. Knowlson

.....B. G. Erskine Vice-President.. (Hygrade Sylvania Corp.)

(The Muter Co.) John W. Van Allen

General CounselJo
(Buffalo, N. Y.)

DIRECTORS

DIRECTORS

Ben Abrams, Emerson Radio & Phonograph Corp.;
Powel Crosley, Jr., The Crosley Radio Corp.; Octave
Blake, Cornell-Dubilier Electric Co.; James C. Daley,
Jefferson Electric Co.; B. G. Erskine, Hygrade Sylvania Corp.; Jerome J. Kahn, Standard Transformer
Corp.; James S. Knowlson, Stewart-Warner Corp.;
Philip C. Lenz, Lenz Electric Manufacturing Co.;
E. F. McDonald, Jr., Zenith Radio Corp.; Arthur
Moss, Solar Manufacturing Corp.; H. E. Osmun, Centralab; J. McWilliams Stone, Operadio Manufacturing
Co.; G. W. Thompson, Noblitt-Sparks Industries, Inc.;
P. S. Billings, Belmont Radio Corp.; P. V. Galvin,
Calvin Manufacturing Corp.; David Sarnoff, RCA
Manufacturing Co.; David T. Schultz, Rayethon Production Corp.; James M. Skinner, Philadelphia Storage
Battery Co.; Harry G. Sparks, The Sparks-Withington
Co.; Ernest Alschuler, Electric Research Laboratories,
Inc.; W. R. C. Baker, General Electric Co. Roy Burlew, Ken-Rad Tube & Lamp Corp.; A. H. Gardner,
Colonial Radio Corp.; George A. Scoville, StrombergCarlson Tel. Mfg. Co.; A. S. Wells, Wells-Gardner
& Co.
Henceter, Directors, Hebest H. Frest, A. Atwater & Co.

Honorary Directors: Hebert H. Frost, A. Atwater Kent, Paul B. Klugh.

FUNCTIONS

RMA, non-profit and cooperative, was organized in 1924 to promote all interests of the radio industry. The organization is divided as to interests into four groups: (1) the Set; (2) Tube; (3) Parts, Cabinet, Applications of Sound Equipment and Accessory; (4) Amplifier and Sound Equipment.

RMA promotes sales, both domestic and export; opposes legislation detrimental to the interests of its members; directs industry standardization; informs members of new patents issued through a weekly bulletin; aids in improving merchandising practices; distributes credit information to members and assists members in collecting, investigation of fraud, etc.

Radio Manufacturers Association of Canada

159 Bay St., Toronto, Ont., Canada Adelaide 1531

OFFICERS PresidentA. L. Brown (Northern Electric Co.)

FUNCTIONS

This association is a non-profit and cooperative organization founded in 1926 to promote all interests of radio industry. To accomplish this purpose it is divided into four groups: set division; parts, cabinet and accessory division; engineering division; and service division.

The Radio Writers' Guild of the Authors' League of America, Inc.

6 E. 39th Street, New York, N. Y. AShland 4-5141

President		Kenneth Webb
First Vice	-President	Knowles Entrikin
		Katharine Seymour
Third Vic	e-President	Courtenay Savage
Secretary		Lilian Lauferty
Executive	Secretary	Luise Sillcox

FUNCTIONS

The Guild is one of the Guilds of The Authors' League of America, Inc. The Guild is primarily a protective organization for writers in the radio field.

Society of European Stage Authors and Composers, Inc. (SESAC)

113 W. 42nd St., New York, N. Y. BRyant 9-3223

OFFICERS

FUNCTIONS Licensing use of copyrighted music.

Society of Jewish Composers, Publishers and Song Writers

152 W. 42nd St., New York, N. Y. LOngacre 5-9124

OFFICERS President Mr. Sholom Secunda
Vice-President Rev. Pinchus Jassinowsky
Treasurer Mr. Alexander Olshanetsky
Secretary Mr. Henry Lefkowitch

FUNCTIONS This association licenses public performance rights of music copyrighted by its members and on which they collect royalties. Association owns approximately

95 percent of the Jewish compositions.

University Broadcasting Council

230 N. Michigan Ave., Chicago, Illinois CEntral 2015

OFFICERS Allen Miller

FUNCTIONS

The purpose of the Council is to promote education by radio. It is made of an affiliation of three universities in Chicago area; University of Chicago, Northwestern University and DePaul University; Chicago radio stations; and three major networks cooperating.



EDUCATIONAL AND CULTURAL SIDE



Knowledge

Knowledge is of two kinds. We know a subject ourselves or we know where we can find information upon it.

-Samuel Johnson



NATIONAL ASSOCIATION OF EDUCATIONAL BROADCASTERS

As o	of	December	1st.	1938
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Call	Institution	Address	Director
KFDY	S. Dak. State College	Brookings, S. D.	S. W. Jones
KFJM	Univ. of N. Dakota	Grand Forks, N. D.	D. R. Jenkins
KFKU	Univ. of Kansas	Lawrence, Kansas	Harold G. Ingham
KFUO	Concordia Theol. Semy.	St. Louis, Mo.	Herman H. Hohenstein
KOĀC	Oregon State College	Corvallis, Oregon	Luke L. Roberts
KUSD	Univ. of S. Dakota	Vermillion, S. D.	R. E. Rawlins
KWSC	State College of Wash.	Pullman, Wash.	Kenneth E. Yeend
WBAA	Purdue University	Lafayette, Ind.	Gilbert D. Williams
WCAL	St. Olaf College	Northfield, Minn.	M. C. Jensen
WCAT	S. Dakota School of Mines	Rapid City, S. D.	C. M. Rowe
WESG	Cornell University	Ithaca, N. Y.	Wilmer S. Phillip
WHA	Univ. of Wisconsin	Madison, Wis.	H. B. McCarty
WHAZ	Rensselaer Poly.	Troy, New York	W. J. Williams
WILL	Univ. of Illinois	Urbana, Ill.	Jos. F. Wright
WNAD	Oklahoma University	Norman, Okla.	Homer Heck
WOI	Iowa State College	Ames, Iowa	W. I. Griffith
wosu	Ohio State University	Columbus, Ohio	R. C. Higgy
WRUF	Univ. of Florida	Gainesville, Fla.	Garland Powell
WSAJ	Grove City College	Grove City, Pa.	H. W. Harmon
WSUI	State Univ. of Iowa	Iowa City, Iowa	Carl Menzer
WTAW	Texas A. & M. College	College Station, Tex.	Eugene P. Humbert
WIXAL	World Wide Broadcasting	D	***
	Foundation Cleveland College	Boston, Mass. Cleveland, Ohio	Walter S. Lemmon
	University of Kentucky	Lexington, Ky.	Gazella P. Shepherd (Mrs.) Elmer G. Sulzer
	University of Michigan	Ann Arbor, Mich.	Waldo Abbot
	Western State College	Kalamazoo, Mich.	W. G. Marburger

CONCRETE EXPERIMENTS IN EDUCATIONAL BROADCASTING

By

LYMAN BRYSON

Professor of Education, Teachers College, Columbia University;
Chairman of Columbia Broadcasting System

Adult Educational Board

WHEN the Adult Education Board of the Columbia Broadcasting System was organized in January, 1938, there was nobody who doubted that there was a large audience for education by radio. The programs of the major networks and the larger stations had already demonstrated that fact. The purpose of the new Board was to study the special uses to which the radio could be put, and to attempt to make improvements in the material offered.

After a year of experience it can confidently be said not only that the radio industry is interested in this field, but also that radio workers can devise ideas for programs that are both good broadcasting and significant education.

Experimental Programs

Four experimental programs on the Columbia Broadcasting System were set up under the direct guidance of the Adult Education Board. "Americans at Work," began in April and is still on the air after thirty-six broadcasts. This is a series of dramatic pictures of the things that men and women do, of their working lives and of their reasons for pride of workmanship. Not only the picturesque workers, such as tunnel diggers and firemen, have been presented. The labor that seems humdrum and routine has also been made vivid.

The second of the programs that is still continuing in its original form is the Sunday evening, dinner table conversation, "The People's Platform." This began in July and has been heard twenty-two times. It is entirely spontaneous and unrehearsed and is educationally important as a stimulus to the discussion of important public and social questions and also because it gives examples of vigorous but courteous differences of opinion.

Two experimental programs were given a trial period and then withdrawn so that further study might be made of their possibilities. "Living History," dramatizations with interpretative comment by eminent historians, was on the air twenty-two times. "Adventures in

Science" ran through twenty-two broadcasts from May to September. It will be resumed in January in a slightly altered form.

ered form.
Other Educational Examples

Nine other educational programs, not specifically guided by the Adult Education Board, have been presented for mature listeners during the year. "Of Men and Books," is a stimulating week-ly review of current literature by Pro-fessor J. T. Frederick of Northwestern "Highways to Health," University. given in cooperation with the New York Academy of Medicine, and "Men Behind the Stars," in cooperation with the Hayden Planetarium, are both good examples of successful popularization. The new United States Department of Education program, "Americanse All-Immigrants All," which endeavors to depict the contributions of various nationalities to American culture, is of great social value. On "Europe Calling" world leaders have been brought to the microphone to discuss international af-"The Farmer Takes the Mike" has brought together farmers and agricultural leaders to discuss their mutual problems. "Headlines and Bylines," the Sunday evening series of news comment, has presented analyses of the news of the day and the week, and the "Colum-bia Workshop" has continued its noteworthy experiments in the production of dramas written specifically for radio. "Men Against Death," dramatizations of the books of Dr. Paul De Kruif, has pictured the battleground of medical research. This list does not include the

regular broadcasts of the "American School of the Air," designed for children but listened to by great numbers of adults also.

Current Opportunities

The best comment on the present state of education on the air is given by the citation of these concrete experiments which have made their way

in competition with broadcast entertainment. The fact that they are listened to by millions shows the educational opportunity that broadcasters have before them. They will all be changed from time to time, improved or supplanted by other and better ideas. In education, as in all other activities of the radio. what is being done today is only a promise of what can be done tomorrow.

RADIO SCRIPT EXCHANGE OF THE AMERICAN RED CROSS

In the spring of 1938, the American Red Cross announced a catalog of 46 educational radio scripts in its exchange at National Headquarters, Washington, D. C. This catalog was offered to users of the Educational Radio Script Exchange of the United States Department of the Interior, Office of Education, and many took advantage of the opportunity to obtain the Red Cross scripts which have a wide usefulness to schools, colleges, drama groups and social agencies.

Now the Red Cross, as of September 15, has issued a supplement to the main catalog, listing 13 additional radio plays. All have been tested

in actual broadcast.

Those desiring copies of the supplement, which contains order blanks to be used in securing scripts, should write for "Supplement to ARC 1113."

For the main catalog, request "ARC 1113." There is no charge for catalog, supplement or scripts. Address all communications to:

Public Information Service American Red Cross

Washington, D. C.

CBS Establishes First Radio Institute For Teachers

A Radio Institute for Teachers, designed to show educators how educational programs can be utilized as an aid to classroom teaching, was recently established by the Columbia Broadcasting System in connection with its "American School of the Air."

This is the first permanent body ever organized to demonstrate to educators the possibilities of radio in the schoolroom. The Institute started to function with the opening of the tenth season of

the School Monday, October 10.

This Institute was formed as the result of the realization that one of the greatest barriers to a wider adoption of "School of the Air" broadcasts by teachers throughout the country was the lack of training in the utilization of these programs. The teachers who have used them are all self trained. These self trained experts will be invited to participate in the panel discussions that precede the audience discussion.

Two experiments, each hailed as a complete success by teachers, have been made along lines the Institute will use. The first was at Atlantic City last February where 3,000 superintendents of schools watched the demonstration, and the other was in New York in June when

the National Education Association convention was in progress.

The NEA, with a membership of 750,-000 teachers, and the Progressive Education Association, with 10,000 more, collaborated with "School of the Air" officials in the organization of the Insti-

Dr. William Bagley, of Columbia University, Chairman of the Board of Consultants of the "American School of the Air," was the chairman at the first meeting, October 10. A week later, October 17, Sterling Fisher, CBS's Director of Education and Talks, took over the chair. William N. Robson, who has gained nation-wide notice with his "Columbia Workshop" dramatizations, directed the dramatized portions of "Frontiers of Democracy."

Different groups of teachers and students are invited for the classroom discussions which follow the broadcasts

each Monday.

Non-Commercial



Educational Broadcast Stations

"The Commission regards the establishment of the Non-Commercial Educational Broadcast Stations," says Chairman McNinch, "as an important step in line with its established policy of encouraging education by radio, and it expresses the hope that the radio facilities now made available solely for this purpose will be used to the fullest extent for the general advancement of education."

After enactment of Section 307 (c) of the Communications Act of 1934, and in accordance with the requirements thereof, the Commission conducted extensive hearings on the question of the advisability of making a definite allocation of broadcast facilities to non-profit making activities. Upon the conclusion of these hearings, a report was made to the Congress on January 22, 1935. The Commission recommended therein "that at this time no fixed percentages of radio broadcast facilities be allocated by statute to particular types or kinds of nonprofit radio programs, or to persons identified with particular types or kinds of non-profit activities." This report further proposed that a conference be held in Washington to perfect plans for closer cooperation between broadcasters and non-profit organizations.

A conference was held in Washington May 15, 1935. As a result of this conference the Federal Radio Education Committee was created by the Communications Commission in cooperation with other Governmental departments. Dr. John W. Studebaker, United States Commissioner of Education, accepted Chairmanship of the Committee. An outline of the work of the Federal Radio Education Committee headed by Doctor Studebaker will be found in the Commission's Third Annual Report to the Congress.

Thereafter and on June 15, 1936, there was held an informal engineering conference in Washington, for the purpose of discussing the allocation of radio facilities for all purposes. At this conference Doctor Studebaker presented a statement outlining the need for the establishment of a class of broadcast stations to be devoted to the advance-

ment of education in connection with the country's school system.

As a result of the foregoing, the Commission announced that it had established a class of high frequency broadcast stations to be known as "non-commercial educational broadcast stations," to be licensed to organized non-profit educational agencies for the purpose of transmitting educational programs directed to specific schools in the system for use in connection with the regular courses as well as for routine and administrative material pertaining to the school system. This class of stations is also authorized to transmit educational and entertainment programs to the general public. In accordance with the rules governing these stations, the broadcast service to be rendered must be primarily of an educational character and no sponsored or commercial programs of any character may be broadcast.

Twenty-five channels in the ultra-high frequency band between 41,000 and 42,-000 kilocycles are allocated for assignto non-commercial educational broadcast stations. These channels will provide adequate facilities for service to every city and town. The power of the stations is 100 watts to 1000 watts. Thus satisfactory signals can be delivered to cities and small counties under favorable conditions. However, due to the propagation characteristics of the frequency, state wide coverage cannot be expected except in cases of the smallest states and under most favorable conditions. Rapid technical progress is being made in the development of the service on the ultrahigh frequencies and it is reasonable to expect that in the near future there will be a marked improvement in the coverage obtainable.

EDUCATION VIA RADIO

By

Professor KENNETH L. BARTLETT

Syracuse University

With a Foreword by DR. JOHN W. STUDEBAKER

U.S. Commissioner of Education

Courtesy of

THE NATIONAL ASSOCIATION OF BROADCASTERS

FOREWORD

EVERY radio station should be the voice of the community as well as a voice directed at the community. The basis for that statement is to be found in the instruction of the law. And because this voice is inevitably a chorus composed of the voices of schools and charities, colleges and clubs, public services and sports, leaders and laymen; a chorus swelling with all the magnificent variety of free American life, I welcome this helpful working guide. I am sure that it will aid the many voices of our communities to become clearer and more understandable to listeners.

To educators and other citizens to whom it is addressed I say: be humble in the presence of a microphone. We must begin in the kindergarten of a long process of training and experience to master the new, difficult art of radio.

To radio station staff members I say be patient and helpful with the public servants, educators and citizens who come to you. Yours is the task of teacher and counselor.

As chairman of the Federal Radio Education Committee it has been my duty and pleasure to work for closer cooperation between broadcasters and educators. Therefore I am glad to recommend what follows as another practical guide to the goal toward which we all march side by side; that radio in the United States, under the present general conception of the "American system of broadcasting," shall ever broaden its service in "the public interest, convenience and necessity."

J. W. Studebaker, United States Commissioner of Education.

Importance of American Radio Broadcasting

To some, the importance of broadcasting in the United States is best illustrated by the size of the radio audience. Reliable figures indicate that twenty-seven million families own approximately thirty-seven million radio receivers; that approximately seventy-five per cent of these are "on" every day; and that the average set operates 5.1 hours daily. A radio set has almost become a twentieth century necessity.

To others, and greater in significance than the mere size of the audience, is the fact that radio here, in contrast to radio in other nations, is *free*—free in the sense that, apart from the laws of libel and slander, and in matters of good taste, the individual can say what he pleases without government interference; free in that there is ample opportunity for the exchange of opposite ideas; free, too, in the sense that most sections of the country offer daily service, 18 hours a day, from one or more stations and this without tax on the listener. This bringing of men and events into the home by stations offering almost continuous service puts a greater premium on creative and critical effort than any single development since the invention of the printing press.

To still others, the importance of radio is not so much in the size of its audience, or even in the freedom of the people who use it, as in the mere nebulous factor of the response people have to what they hear. Here more than elsewhere is where the educative factor occurs. Thorough studies of the effect programs have on listeners are now being completed. Until those in charge have made their reports we must depend upon existing data.

We know, for example, that radio has become our favorite recreation, that it has "psychologically cemented" the family circle at a time when an evening at home for the whole family was almost unheard of; that most people would rather hear a speech than read one; that it is a source of discussion at the family table; that it has given the public school an unusual and striking supplementary teaching device and that through education-on-the-air the desire of all educators to have the educational process continued long after school days are over has been enhanced. changed our social environment, conditioned behavior, and has become a powerful factor in moulding public opinion. We know, too, that irrespective of whether educational groups use radio, radio will continue to have educational effect.

While radio has gone far in nineteen years, its educational programs have frequently lagged. This was partly because the medium was new and there were few interested in trial-and-error testing, and partly because educators and civic groups assumed that the old forms of presentation would be sufficient. Now we know that the best results are obtained when educators and civic groups combine their knowledge, background and traditions with the knowledge and background of the broadcaster. The radio station is aware that if its programs are to reflect local as well as national interests; to present all sides and not just one; to disseminate worthwhile information and not just entertainment; to mirror present tastes and develop others, it must work with the school and other civic groups. Progressive educators, too, are increasingly aware that if we are to touch those fifty million Americans whose education does not extend beyond the eighth grade and widen the influence of thought, they must take advantage of the audience radio can

In short, if radio is to serve, there must not only be a mutual understanding between the two, but we must recognize the general importance of radio in the past and present and its educational importance in the future.

What Educational and Public Service Organizations Can Contribute to Radio

One of the most obvious things that educational and public service organizations can contribute to radio is to offer worthwhile material that will reflect local and sectional interests. Every school and civic organization has material that is news-worthy and significant. The problem is to see it.

An individual who spends a lifetime at an occupation, acquires a knowledge and a philosophy that is worth listening to. Students digging up this information and adapting it to the air, not only learn the technique of broadcasting — which might be incidental to the educational process—but, more important, begin the process of integrating many different

classroom subjects. Persons in charge of local Public Health Units, the Parent-Teachers' Association, Children's organizations, Y. W. and Y. M. C. A.'s, Community Chest Agencies, the Red Cross, Missions, Libraries, and all kinds of social service agencies have worthwhile information that is directly applicable to the community or district. Colleges and universities might offer educational radio fare at a more advanced level, such as the interpretation of world and local events, round-tables or forums for the discussion of public issues, explanation of the new things in science. Programs of this kind help locate talent and give it an opportunity it might not otherwise have. Such contributions, well handled, not only have intrinsic merit, but go far in giving stations a more varied offering. It helps balance serious entertainment with light entertainment; local interests with national offerings; amateur performance with professional. In fact, it makes local groups articulate and does for radio the things the weekly newspaper does for Journalism and the Little Theater does for Drama.

Educational groups might provide "Follow-ups" for their own and national programs. The educational program is only the start of the process. The effect occurs in the home and unless some method is provided for individuals to "follow-up" what they have heard, much of what has been done may be lost. Making books available in local libraries, or periodically arranging discussion groups to carry on where the programs left off, etc., are obviously things that can better be done by schools and organizations acting within their own community.

In many ways, the most important contribution the Educational Group can make to radio is to pave the way for the broader acceptance of the educational program. The President of the National Association of Broadcasters, Mr. Neville Miller, has said:

"Radio is, after all, a mirror of the genius, of the talent and the thought of the American people. Its level can be no higher than the general level of education and culture in the country. It will never be any better as an educational medium than the educators who use it; it will never be any better as a vehicle of drama than the playwrights and actors of the theater; and it will never be any more intelligent as a forum on public affairs than the people who do our thinking on public affairs.

"If we would increase and widen the cultural and educational effectiveness of radio, more than the allotment of time and the development of new program techniques are called for. We must, through the spread of education to all sections of our population, pave the way for the acceptance of such programs. Let me make the point clear: radio will continue to do its part to elevate the level of American taste; to popularize things cultural; to bring the questions of the day straight and instantly to the American fireside, but radio cannot do the job alone."

It should be remembered that radio programs, by and large, have not generally had the advantage of professional criticism. Literature of all types and kinds has had its professional critics and classroom criticism. Standards have been developed. In radio this has not yet occurred on a broad and significant scale and the result has been that listeners seldom take the trouble to evaluate a program. It is either "good" or "bad" and dismissed as such. Every program is not built for the same audience. Purposes and types differ and until a listener has evaluated a program on the basis of the audience for whom it was intended, and the type of thing it purports to be, he has not judged it wisely. An occasional discussion of the better programs in the school, radio discussions by dramatic and literary groups and Parent-Teachers Associations and the like, is an effective method in developing standards and appreciation for the better programs. The providing of worthwhile material, educational "follow-ups" of national programs, locating talent and giving experience that might otherwise be lost, making schedules reflect civic interests, and paving the way for the broader acceptance of educational programs are only a few of the things that education and civic groups can contribute to the radio station.

What Can Radio Do for Education

The radio station offers to the educator its facilities and its audience, and in so doing, widens the scope of the educational institution's work. It breaks the barrier of the classroom and presents an auditorium of great though indeterminate size. It enables the school and civic group to have an opportunity to enter the home and present its material there.

Licensed to serve public interest, it makes an effort to give the public what it wants. In offering its facilities it attempts only to protect its audience from programs that are not interesting to the audience for whom they are intended. Built up over a long period of time, and

from approximately fifteen thousand programs a year that presumably give the station a certain personality, that audience is the most valuable thing the station possesses. Without it the station could not exist, and so it is to be expected that the station will do everything in its power to protect that audience. This means offering its facilities to the worthy and rejecting those programs that are of questionable taste or those not carefully prepared.

In addition to the necessary equipment, stations also have specialists with years of radio programming experience who assist in putting the program on the air. These specialists are available for the acking. They will meet with your committee, advise, and take your program through rehearsal. They are the station's representatives in all mat-

ters of detail.

The Problem of Adapting Educational Material to the Air

Both the educational institution and the civic organization on the one hand and the radio station on the other have something to offer in making education a more important force in radio—and vice versa! For those anxious to do something soon, a conference with the station will provide the necessary details that a sketchy outline of this nature cannot do. For those interested in investigating the possibilities of Education-by-Radio further, the many books in the field, college courses, plus experience in high school and university Radio-Workshops will provide the necessary trial-and-error demonstration.

One thing must not be lost sight of, however: present-day American radio, to the listener at least, is an entertainment medium. This does not necessarily mean that it is not educational to the listener. It means that education must be interesting, provocative, and, therefore, though incidentally, entertaining. One significant difference between the sponsor's program of education is that the former is entertainment for entertainment's sake with the education an unnecessary, though desirable attribute, while the latter is primarily education with entertainment a necessary, though secondary attribute. Both must be entertaining. Both need not be educational. In that sense, radio is still to the listener an entertainment medium and programs should be planned with that in mind.

For Those Who Would Inspire A Richer Community Life

THOSE who would inspire a richer community life; those who would develop a deeper understanding of the social and civic problems confronting their neighbors; those who would extend the frontiers of knowledge beyond the class room—the broadcasters of America welcome you to our studios and place in your hands the above that you may the better accomplish these worthy objectives through radio.

For in American Radio we have something beyond the opportunity of listening—we have also the opportunity to be heard.

If there were no other distinction between the American System of Broadcasting and that of other lands, this one distinction in itself is sufficiently significant. It is the distinguishing mark of our democracy, one which American Radio vigorously and wholesomely reflects.

Our thanks go out to Professor Bartlett for his very capable work, so that educational and public service institutions in hundreds of communities throughout the nation might have the technical information and assistance with which to achieve broader results from radio.

NEVILLE MILLER, President, National Association of Broadcasters.

COLLEGES AND UNIVERSITIES IN THE UNITED STATES OFFERING COURSES IN RADIO BROADCASTING

As of January 1st, 1939

With Names of Instructors and Credit Hours Compiled by the Educational Radio Script Exchange, Radio Division, Office of Education, Washington, D. C.

On September 30, 1938, the Educational Radio Script Exchange, of the Office of Education, mailed a questionnaire to the 1,686 colleges and universities in the United States asking for information regarding specialized courses in the field of radio. Replies were received from 916 institutions. A total of 310 institutions reported at least one regular course in radio. In addition, 210 colleges and universities reported extra-curricular activities involving some phase of radio, but such reports were not included in this summary. The survey also indicated that 237 colleges and universities were broadcasting over the facilities of 272 radio stations.

The following code should be used to interpret the listings in this survey, the courses being indicated by letters as follows: (A) General Course in Radio, (B) Radio Program Planning and Production, (C) Education by Radio, (D) Radio Script Writing, (E) Radio Announcing, (F) Radio Speech, (G) Radio Dramatics, (H) Radio Music, (I) Radio Station Management, (I) Radio Advertising, (K) Technical Courses in Radio, (L) Television, and (M) Radio

1.1170

Whenever credit hours were reported for any course, the number of hours will be found bracketed with the identifying letter of that particular course. For example, (D-2) (E) indicates a course in Radio Script Writing for which 2 credit hours are given and a course in Radio Announcing for which no credit hours were reported. The symbol (F and G-4) signifies that a course involving both Radio Speech and Radio Dramatics is offered with 4 hours of credit given. The symbol (K-varies) means that technical courses in radio are available for which credit hours vary. Included with each listing will be found the name of an instructor who is in charge of radio instruction. These persons should be consulted for further information.

College		In Charge	of Raato

Abilene Christian College, Abilene, Tex. (D & F-3)	Mrs. A. B. Morris
Akron, University of, Akron, Ohio. (F-3)	
Alabama University of University, Ala. (A) (D) (E) (F) (K)	
Alabama College, Montevallo, Ala. (A-2).	
Alabama Polytechnic Institute, Auburn, Ala. (A-2) (K-varies)	
Adelphi College, Garden City, N. Y. (A)	
Alliance Technical Institute, Cambridge Springs, Pa. (A-3)	
Antioch College, Yellow Springs, Ohio. (K-6)	
Arizona, University of, Tucson, Ariz. (K)	
Arkansas, University of, Fayetteville, Ark. (K-3)	
Armour Institute, 3300 Federal Street, Chicago, III. (K-4)	
Asheville Normal and Teachers College, Asheville, N. C. (A)	
Augustana College, Rock Island, III. (A-3) (G)	Theodor Le Vander
Augustana College, Sioux Falls, S. Dak. (F) (G)	
Bard College, Annandale-on-Hudson, N. Y. (K & L-8)	
Baylor University, Waco, Tex. (A-3 1/3).	

Berry College, Mt. Berry, Ga. (K-2)	L. E. McAllister
Birmingham Southern College, Birmingham, Ala. (A-3)	Dr. M. F. Evans
Blue Ridge College, New Windsor, Md. (G)	. Mme. Barry-Oriova
Bob Jones College, Cleveland, Tenn. (B-2)	Elizabeth Adams
Boston College, Chestnut Hill, Mass. (K-8)	Key. John A. Todin
Bradley Polytechnic Institute, Peoria, III. (A-3) (F-2) (K-12 (I-12)	E E Duce
Branch Agricultural College, Cedar City, Utah. (E-5)	P I Halvorcon
Brigham Young University, Provo, Utah. (A) (D) (G) (1) (J)	Dr. T. Farl Pardon
Bucknell University, Lewisburg, Pa. (K-3)	George A Irland
Butler University, Indianapolis, Ind. (F-3) (K-6)	
California, University of, Extension Division, Los Angeles, Calif. (B) (D) (G)	. Margaret Wotten
California, Institute of Technology, Pasadena, Calif. (K-12)	S. S. Mackeown
California Polytechnic Junior College, San Luis Obispo, Calif. (A-3) (H-2) (K-6).	B. G. Eaton
Canisius College, Buffalo, N. Y. (A-2) (D-2)	Charles E. Brady
Capital University, Columbus, Ohio. (B-3)zz	Prof. W. C. Craig
Carnegie Institute of Technology, Pittsburgh, Pa. (K)	.Charles Williamson
Carroll College, Waukesha, Wis. (F-3) (K)	V. P. Batha
Carson Newman College, Jefferson City, Tenn. (A-3)	Alex Chavis
Case School of Applied Science, Cleveland, Ohio. (K-3)	J. R. Martin
Catholic University, Washington, D. C. (D-1) (E-1) (G-1)	Rev. G. V. Hartke
C. C. N. Y. School of Technology, New York, N. Y. (A-3) (K-3)Ale	xander H. Wing, Jr.
Centenary Junior College, Hackettstown, N. J. (A-1)	Ellen C. Crouch
Chicago, University of, Chicago, III. (A-3 1/3) (D-7) (F-3 1/3)	Charles Newton
Chicago Musical College, Chicago, III. (A) (B) (C) (D) (E) (G) (H)	Belle Forbes Cuffer
Chicago School of Expression and Dramatic Art, Chicago, III. (A) (B) (D) (E) (G)	Helen C. Espie
Chicago Teachers College, Chicago, III. (C-2)	Luella Hoskins
Cincinnati, University of, Cincinnati, Onio. (K-varies) (L-2)	w. C. Osterbrock
Cincinnati Conservatory of Music, Cincinnati, Ohio. (A-4) (B-4) (G) (H)	Hubert Keckritz
Citadel, The, Charleston, S. C. (A-6)	N F Smith
Clarkston College, Potsdam, N. Y. (K-varies)	I. I. Stiles
Clemson College, Clemson, S. C. (K-2)	
Coe College, Cedar Rapids, Iowa. (A-2) (F)	
Colgate University, Hamilton, N. Y. (A-3)	
College of St. Scholastica, Duluth, Minn. (A-1)	
College of St. Teresa, Winona, Minn. (B) (G)	
College of Wooster, Wooster, Ohio. (A-4)	
Colorado College, Colorado Springs, Colo. (K-3)	Howard Olson
Colorado School of Mines, Golden, Colo. (K-6)Myron G. Pawley	, Raymond Dickinson
Colorado State College, Fort Collins, Colo. (A-3)Fra	
Colorado State College of Education, Greeley, Colo. (A-4)	F. L. Herman
Columbia College of Drama and Radio, Chicago, III. (A) (B-2) (C) (D-2) (E-2)	
(F-2) (G-4)	
Columbia University, New York, N. Y. (A-2) (D-3)	James C. Egbert
Compton Junior College, Compton, Calif. (K-5)	Jesse E. Hathaway
Connecticut State College, Storrs, Conn. (K-3)	
Cornell College, Mount Vernon, Iowa. (A-3) (B-3)	Albert Johnson
Cornell University, Ithaca, N. Y. (A-2) (K-4)	Chas. A. Laylor
Creighton University, Omaha, Nebr. (B-3) (D-3)	Donald MacLean
Cummock Junior College, Los Angeles, Calif. (F)	
Dayton, University of, Dayton, Ohio. (A-3)	Prof Louis Pose
Denison University, Granville, Ohio. (A-3)	Pichard H Howe
Denver, University of (School of Commerce), Denver, Colo. (B-21/2) (D-21/2) (F-21/2)	Roscoe K Stockton
Detroit, University of, Detroit, Mich. (A-2) (F)	
Doane College, Crete, Nebr. (A-2) (B) (G)	E. Russell Wightman
Doane College, Crete, Nebr. (A-2) (B) (G)	Edwin G. Barrett
Note: Drake offers a major in radio.	zamm o. pariett
Drexel Institute of Technology, Philadelphia, Pa. (K)	R. T. Zern
Dubuque, University of, Dubuque, Iowa. (A-4) (K-4)	R. G. Wilson
Duke University, Durham, N. C. (K-3)	W. J. Seeley
Duquesne University, Duquesne, Pa. (A-3)	Madeleine S. Foust
East Central Teachers College, Ada, Okla. (A-2)	D. J. Nabors
Eastern Washington College of Education, Cheney, Wash. (K-2)	James S. Lane
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Elmira College, Elmira, N. Y. (F)	Geraldine Quinlon
Emerson College, Boston, Mass. (A) (D) (E) (G)	Arthur F. Edes
Emory University, Emory University, Ga. (A-5) (K)	J. B. Peebles
Emporia, College of, Emporia, Kans. (A-4)	R. F. Miller
Florida, University of, Gainesville, Fla. (F-3) (K-varies)	
Florida Agricultural and Mechanical, Tallahassee, Fla. (A-2) (K-4)	H. R. Orr
Florida Southern College, Lakeland, Fla. (A-1)	Miss Alma Johnson
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Franklin University, YMCA, Columbus, Ohio. (A) (K)	
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George Peabody Teachers College, Nashville, Tenn. (E-2)	
George Washington University, Washington, D. C. (A-3) (K)	Prof. W. Hayes Yeafer
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Georgia School of Technology, Atlanta, Ga. (A-3) (D & EF-3) (K-3)	Irving H. Gerks
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Gonzaga University, Spokane, Wash. (K-4)	
Grove City College, Grove City, Pa. (A-4) (G) (H) (K-4)	
Harding College, Searcy, Ark. (A-5) (H-3)	
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Howard College, Birmingham, Ala. (K-2)	
Idaho, University of, Moscow, Idaho. (A-2) (K-varies)	Dank D LI LI
Illinois, University of, Urbana, III. (K)	locat E Wright
Illinois State Normal University, Normal, III. (F-2)	Harvoy E Admire
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Indiana State Teachers College, Terre Haute, Ind. (B-4) (D-4) (F)	Dr. Clarence M. Morgan
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Kentucky, University of, Lexington, Ky. (K-3)	Elmer G. Sulzer
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Lincoln University, Jefferson City, Mo. (A)	Dall Bark Ma Daymoth
Long Beach Junior College, Long Beach, Calif. (F-6)	
Louisiana Polytechnic Institute, Ruston, La. (C) (K)	
Louisiana State University, University, La. (A-3) (D-3) (F-3) (I-3) (K-3).	Ralah W Steatla
Louisville Municipal College, Louisville, Ky. (K-4)	
Loyola University, Los Angeles, Calif. (A-2) (D-2) (G-1) (J-1)	Martin H Work
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(B-3) (D-3) (G-3). Marquette University, Milwaukee, Wis. (A-2) (F-2) (K-3)	
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Massachusetts State College, Amherst, Mass. (K)	Francis C. Pray
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(K-12) (L-2)	Prof. Waldo Abbott
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Mississippi State College, State College, Miss. (A-3) (M-3) (K-6)	
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Muhlenburg College, Allentown, Pa. (A-4) (K)	
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National University, Washington, D. C. (M-4)	
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Nebraska State Teachers College, Wayne, Nebr. (A-4)	Prof. J. E. Brock
Nebraska Wesleyan University, Lincoln, Nebr. (A-3) (B-3)	J. C. Jensen
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New Mexico, University of, Albuquerque, N. Mex. (B-3) (D) (G-3) (H-3)	
New River State College, Montgomery, W. Va. (A-3 (L-3) (M-3)	
New Rochelle, College of, New Rochelle, N. Y. (D-4)	
N. Y. State School of Agriculture, Alfred, N. Y. (K-6)	Paul A McChae
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Northeastern University, Boston, Mass. (K)	
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Northwestern University, Evanston, III. (A-2) (B & G-2) (D & E-2) (J).	Albert R Crews
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Ohio, University of, Athens, Ohio. (A-3) (B-3) (D-3) (G) (F) (K-4)	Vincent Jukes, D. B. Green
Ohio State University, Columbus, Ohio. (B-3) (C-3) (D-3) (F-3) (H-3)	(1-2)
(J-3) (K-4)	.W. L. Everitt, H. W. Bibber
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Oklahoma Agricultural and Mechanical College, Stillwater, Okla. (K-3).	Benj. A. Fisher
Omaha, University of, Omaha, Nebr. (A-1) (D) (G)	
Oregon, University of, Eugene, Ore. (A-3)	
Oregon Inst. of Technology, Portland, Ore. (A) (E-2) (K-varies) (M)	
Oregon State Agricultural College, Corvallis, Ore. (F) (G-2)	C. B. Mitchell
Pacific, College of the, Stockton, Calif. (A-1) (B-2) (F-2)	John C. Crabbe
Pacific Union College, Angwin, Calif. (B-2)	
Pasadena Junior College, Pasadena, Calif. (A-3) (B-3)	
Paterson, The College of, Paterson, N. J. (D-3)	
Phoenix Junior College, Phoenix, Ariz. (A-4) (B-2) (K-2)	Donald F. Stone
Pittsburgh, University of, Pittsburgh, Pa. (K-2)	Prof. H. E. Dyche
rolytechnic institute of prooklyn, 32 Livingston Street, brooklyn, N. Y. (1	N-DI Frank E. Canavaciol

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Presbyterian College, Clinton, S. C. (B-6) (D-3) (F-3). Purdue University, Lafayette, Ind. (A-3) (K-3) (L). Redlands, University of, Redlands, Calif. (A-2) (K-4). Reed College, Portland, Ore. (A) (D) (E) (G). Rensselaer Polytechnic Institute, Troy, N. Y. (K-3). Rhode Island State College, Kingston, R. I. (K-3). Rice, Institute, Houston, Tex. (K-8). Robert E. Lee Institute, Goose Creek, Tex. (K). Rochester, University of, Rochester, N. Y. (A-3). Rollins College, Winter Park, Fla. (E) (G). Rosary College, River Forest, Ill. (A-2) (D-2) (E-1) (G-1). Rutgers University, New Brunswick, N. J. (A-3) (K-6). St. Catherine, College of, St. Paul, Minn. (B-1) (C-1) (D-1). St. Joseph College, Adrian, Mich. (F & G-2). St. Lawrence University, Canton, N. Y. (A-3). St. Mary's College, South Bend, Ind. (B) (F). St. Mary's University of San Antonio, San Antonio, Tex. (A-6). Sacramento Junior College, Sacramento, Calif. (B-2). San Francisco Junior College, San Francisco, Calif. (A-10). San Francisco State College, San Francisco, Calif. (A-10). San Barbara State College, Santa Barbara, Calif. (G) (K-3). Scranton, University of (Formerly St. Thomas College), Scranton, Pa. (A-1) (D-1) (F-1). Seventh-day Adventist Theological Seminary, Washington, D. C. (F-1). Sherwood Music School, 410 So. Michigan Ave., Chicago, Ill. (D) (G) (H). Shorter College, North Little Rock, Ark. (B) (E) (H). Simpson College, Northampton, Mass. (K-2).	Prof. John H. Thatcher Dr. C. F. Harding Prof. Lynn W. Jones Laurence C. Rodgers Wynant J. Williams Wesley B. Hall S. H. Van Wambeck E. L. Langston Chas. H. Dawson Prof. Harry H. Pierce Sister Mary Peter P. L. Hoover Thomas Rishworth Sister M. Leonilla Ruth F. Williard M. Winifred Hanley Louis P. Thein Vernon Mickelson L. Hollingsworth Carlos S. Mundt Harry E. Redeker Frederick Hile Dr. Austin J. App Prof. C. E. Weniger Walter A. Erley Pres. G. A. Gregg Lester Spring
South Carolina, University of, Columbia, S. C. (A-6) (K)	
South Dakota State School of Mines, Rapid City, S. Dak. (A-2) (K-3) Southeastern University, Washington, D. C. (M-2)	Joseph E. Keller
Southern California Junior College, Arlington, Calif. (A-2) (K-2)	L. H. Cushman, M. S.
Southern California, University of, Los Angeles, Calif. (A-2) (B-2) (I-2) (Southern Junior College, Collegedale, Tenn. (K-4)	R. W. Woods
Spokane Junior College, Spokane, Wash. (A-2) (K-2) (M-2)	Frank E. Benedetto (H-1)
State Teachers College, Bloomsburg, Pa. (B) (C) (D) (E) (G) (H)	John C. Koch
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State Teachers College, Kearney, Nebr. (C-3)	C. G. Ryan
State Teachers College, La Cross, Wis. (A-4)	Dr. Lawrence E. Loveridge
State Teachers College, Peru, Nebr. (A-2)	
State Teachers College, Superior, Wis. (A-3)	
Stephens College, Columbia, Mo. (A-3) (B-3) (D-3)	E. Gordon Hubbel
Sterling College, Sterling, Kans. (A-3)	
Temple University, Philadelphia, Pa. (K-3½)	
Texas, University of, Austin, Tex. (A-3)	
Texas Dental College, Houston, Tex. (G)	
Texas Technological College, Lubbock, Tex. (F-2)	
Thiel College, Greenvile, Pa. (K-4)	
Trinity College, Hartford, Conn. (K-3)	H. D. Doolittle
Trinity University, Waxahachie, Tex. (A-3)	
Tufts College of Engineering, Medford, Mass. (K)	
Tulsa, University of, Tulsa, Okla. (A-2) (D) (F-2)	Ben G. Henneke
Tuskegee Institute, Tuskegee Institute, Ala. (A-5) (K-5)	

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U. S. Naval Academy, Annapolis, Md. (K)	
(F-4) (K-4). Vassar College, Poughkeepsie, N. Y. (F-1). Ventura Junior College, Ventura, Calif. (A-6). Vermont University of, Burlington, Vt. (K-3). Villanova College, Villanova, Pa. (A-4). Virginia Junior College, Virginia, Minn. (C) (D) (G). Virginia Polytechnic Institute, Blackburg, Va. (K-3). Wake Forest College, Wake Forest, N. C. (K-4). Walla Walla College, College Place, Wash. (E-2) (F-2) (G-2) (K-Wartburg College, Waverly, Iowa. (K-3). Wartburg Seminary, Dubuque, Iowa. (E) (H) Washington, University of, Seattle, Wash. (D-3) (E-2) (K-varies).	Christine F. Ramsey Burt Richardson E. R. Mckee H. S. Bueche Mary E. Asseltyne R. D. Michael, Webster Richardson Dr. Sherwood Githens, Jr. 3) M. L. Neff A. A. Aardal E. H. Schalkhauser Prof. L. B. Cochran
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Webster College, Webster Groves, Mo. (B-1) (D) Wellesley College, Wellesley, Mass. (A-3). Wesleyan University, Middletown, Conn. (K-5) West Liberty S. T. C., West Liberty, W. Va. (A-2) (K-3). West Virginia State College, Institute, W. Va. (A-3). West Virginia University, Morgantown, W. Va. (A-3) (K-3). Western Illinois State Teachers College, Macomb, Ill. (A-4). Western Reserve University, Cleveland, Ohio. (G-2). Western State Teachers College, Kalamazoo, Mich. (K-4). Westminster College, Fulton, Mo. (K-4). Westminster College, New Wilmington, Pa. (D-1). Whitman College, Walla Walla, Wash. (A-2). Whittier College, Whittier, Calif. (A-2) (B-2) (D-2). Wichita, University of, Wichita, Kans. (A-2). Williame & Mary College, Williamsburg, Va. (G & E-3). Williams College, Williamstown, Mass. (K-3). Winona State Teachers College, Winona, Minn. (B) (G) (H). Wisconsin, University of, Madison, Wis. (A-2) (C-2). Woman's College of University of N. C., Greensboro, N. C. (K-3).	Garnet R. Garrison Anna McClain Sankey Louise S. McDowell Karl S. Van Dyke Dr. Paul N. Elbin J. C. Evans A. W. Friend W. H. Eller Grazella P. Sherherd W. G. Marburger Albert C. Kreuger Wallace R. Biggs John W. Ackley W. Theron Ashby K. V. Manning Cameron Marshall Althea Hunt H. P. Stabler Dr. Ella Murphy H. B. McCarty Calvin N. Warfield
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-PRIVATE SCHOOLS-

(Offering Miscellaneous Instruction)

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Bliss Electrical School, Takoma Park, Md.
Capitol Radio Institute, 3308 14th Street NW, Washington, D. C.
Coyne Electrical School, 500 So. Paulina Street, Chicago, III.
First National Television, Inc., 1320 Main Street, Kansas City, Mo.
Frank Wiggins Trade High School, 1646 Olive Street, Los Angeles, Calif.
International Correspondence Schools, 100 Wyoming Avenue, Scranton, Pa.
Massachusetts Radio and Telegraph School, 18 Boylston Street, Boston, Mass.
Modern School of Dramatics, 1767 Broadway, New York, N. Y., Columbus 7043, William Luftig.
Motion Picture Engineering Institute, 4128 Beverly Boulevard, Hollywood, Calif. Federal 7588.
National Academy of Broadcasting, 2017 S Street NW, Washington, D. C. Alice Keith.
National Radio Institute, 16th and U Streets NW, Washington, D. C.
New Wayburn's Dancing, Singing and Dramatic School, 625 Madison Avenue, New York, N. Y.,
    WIckersham 2-4300.
Pestalozi Froebel Teachers College, 410 South Michigan Avenue, Chicago, III.
Radio Institute of America, 160 W. 73rd Street, New York, N. Y. Director: Frank Nagler.
R. C. A. Institutes, 75 Varick Street, New York, N. Y. W. A. Aufenanger.
Spokane Telegraph School, 102 N. Monroe Street, Spokane, Wash. C. E. Frazier, Mgr.
Utilities Engineering Institute 404 N. Wells Street, Chicago, III.
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☆ RADIO ☆ GLOSSARY

A WORKBOOK OF TERMS USED IN THE PRODUCTION OF RADIO PROGRAMS

Students and other non-professional groups who are turning in increasing numbers to the production of radio programs find themselves dealing with a new art and a new industry. Like other new arts and industries, radio is building its own language to meet its needs. The glossary is offered as a tentative compilation with the knowledge that terms vary in different parts of the country.

U. S. Dept. of the Interior, Office of Education, Washington



I. CONTINUITY

The radio programs you hear begin with an idea which is created by a-

SCRIPT WRITER

One who prepares the text or dialogue with the accompanying directions for sound effects, musical cues, and transitions for a radio production. He is sometimes called a—

CONTINUITY WRITER

Because in the period before dramatization became popular the chief activity of a radio writer was to keep the program continuously on the air with reading material to fill in the time between musical numbers.

CREDIT WRITER

One who writes the advertising material for a commercial program.

SCRIPT

Or "continuity" is the text of a program looking not unlike the pages of a play, since it lists the speakers or actors and the lines they speak, as well as suggestions to the director and cast. Script applies usually to radio plays whereas—

CONTINUITY

Usually applies to text prepared to be read by an announcer only, such as introductions of musical numbers, introductions of speakers, commercial announcements, etc.

CREDIT

Also known as "plug". This is the material designed to acquaint the listener with an advertiser's product. It may be given by the announcer or by actors.

SHOW

The entire program which is to be broadcast.

SUSTAINING SHOW

A program on which time is not purchased by a commercial company. Since broadcasting companies must maintain service throughout the time span agreed upon, that time which is not sold must be filled with "sustaining" programs.

COMMERCIAL

A program paid for by an advertiser. This includes payment for time on the air as well as for the talent and script.

NETWORK SHOW

A program released simultaneously over two or more stations which are connected by telephone wire.

LOCAL

A program released only through a single station.

THEME

The same music, sound, or talk which opens and identifies a program from day to day or week to week.

TAG LINE

The final speech of a scene or play exploding the joke, or the climax speech resolving the scene or play to its conclusion.

GAG

A joke or comedy situation. A gag-show is a program made up of a succession of jokes or alleged jokes.

TIE-IN ANNOUNCEMENT

A commercial announcement given by the local station announcer immediately after a prearranged cue given on the network. For example, the network program may conclude one minute early, whereupon the local announcers in the stations carrying the network program will then consume the remaining minutes with a commercial announcement dealing with the product advertised on the network program and stating details such as where this product may be purchased locally.

TRANSITION

Or moving from one scene to another. This may be done by an announcement describing the new scene to follow, by music, by fading out of the microphone, or a short period of silence.

ACROSS THE BOARD

A program scheduled five days a week at the same time.

BRIDGE

Sound effects or music used to link dramatic episodes.

II. PRODUCTION

PRODUCTION DIRECTOR

This person is responsible for every detail of the program including the announcer, engineer, actors, musicians, and sound men. He builds and shapes the program by bringing all these factors into harmony. He may make corrections and any revision he deems desirable in the script whenever he feels such are necessary for an improved program. On his shoulders rests the complete responsibility for the quality of the program.

CAST

As a noun, the people who appear on the program not including musicians.

As a verb, the process of selecting those who are to take the speaking parts.

AUDITION

A studio test of talent or a show or both prior to a broadcast to determine whether that talent, show or both should be broadcast.

M C

Master of ceremonies.

IUVENILE

An actor whose voice carries an age quality of 17 to 24.

INGENUE

An actress whose voice carries an age quality of 16 to 24. She should have a sweet sympathetic youthful vocal quality.

LEAD

An actor or actress whose voice carries an age quality of 25 to 35. The voice should be clear, definite, heavier in quality than the juvenile or ingenue and should have a quality of authority.

CHARACTER

An actor or actress with an older voice, 35 to 60, who can do dialects or who has eccentricity of speech and characterization.

CHARACTER JUVENILE

(17 to 24) male voice in dialect or having peculiar vocal quality.

CHARACTER INGENUE

(16 to 24) female voice in dialect or having peculiar vocal quality.

BIT

A small part in the cast which usually consists of a few short speeches.

PICK UP YOUR CUE

A command by the production director to an actor to begin speaking his lines immediately after the last word of the preceding speaker's last sentence.

CUE

A signal, either verbal or by sign.

AD LIB

Impromptu speaking

READ-Y

A quality of unnaturalness by an actor speaker giving the listener the feeling that he is reading rather than talking.

SNEAK IT IN

A command by the production director to the sound man or orchestra conductor to begin the sound effect or music very quietly and gradually increase the volume.

FLUFF OR BEARD

Any word or phrase accidentally mispronounced or in any way distorted resulting in an imperfect reading.

IN THE MUD

A lifeless delivery with very uninteresting quality resulting from a speaker's or actor's improper pitch and lack of nuance. Also the sound heard when the voice is spoken into a closed microphone and picked up faintly on a live microphone at a distance.

SCHMALZ IT

A command by the production director to the orchestra conductor to have the music played in a sentimental style.

ONE AND ONE

One verse and one chorus of a musical number.

CUT

A deletion of material whether spoken or musical in order to fit the prescribed time. It is also a term used by the production director in the form of a command to the engineer to close all microphones so that nothing more can go out on the air.

CLEAN IT UP

A command by the production director to the orchestra conductor to rehearse a musical number until it is perfectly rendered, or to a dramatic cast to remove all hesitancies or defects in the delivery of lines.

PACE

Or speed of delivery. A variation of pace is used to express a variation of thought.

LIGHT AND SHADE

Variations from calmness to tenseness, softness to shouting, which keep a production from dull sameness.

ACCENT

Or change of emphasis in a sentence or group of sentences. This is necessary for shade of meaning, relief from monotony, and for quality of speech.

CLEARING MUSIC

Determining whether the station has a license to perform the musical number or numbers proposed to be played or sung on the air.

TIGHT

A program which in rehearsal times a few seconds over the allotted time and should either be cut or played rapidly, provided the material permits the rapid treatment.

DRESS

A program rehearsed for the last time exactly as it is to be broadcast.

STAND-BY

A command by the production man to the cast to be ready to go within a few seconds.

Also, a program whether dramatic, musical, or straight talk which is relied upon as an emer-

TAKE IT AWAY

Cue to begin a program given by a production director to engineer who relays it via direct telephone wire to an engineer at the program's point of origin.

DROOLING

Padding a program with talk in order to fill the allotted time.

DEAD SPOT

Also known as "white space" or period of silence when a program is supposed to be on the air.

CUSHION

When a program runs shorter on the air than it did during rehearsal, identifying theme melody is used as a "cushion" to fill in the extra time. Sometimes an extra paragraph of credit is used instead of theme.

ON THE NOSE

A program which, while on the air, appears to be on time to the second.

ON THE HEAD

A program which concluded on the exact second.

ACROSS-MIKE

This term is applied when sound is directed across the face of the microphone.

BACKGROUND

Music or sound effects used behind or under dialogue or song.

BITE IT OFF

A direction to stop the music in a radio program.

CROSS-FADE

Where one set of sound, music or otherwise, is being faded out while simultaneously other sound is being faded in. A technique commonly used to make transitions between dramatic scenes.

FUZZY

A term usually applied to vocal sounds which are not clear.

HOLD IT DOWN

A command to the engineer at controls to reduce volume.

MONITORING

Means listening to a production for the purpose of studying it. Monitoring is very important in determining the proper levels for sound effects.

BLANKOUT

To reduce volume of the microphone and then turn it completely off

BLASTING

A distortion of sound caused by overloading the microphone, speaker, or other transmitting equipment.

BRING IT UP

A direction to increase volume.

LOG

A record required by law of every minute during which a station broadcasts.

DEFINITION

Clarity of transmission. It is that characteristic of a good production which enables the listener to distinguish between actors in a drama or to identify various musical units in an orchestra.

III. SOUND

SOUND MAN

One who creates, either by recorded effects or by manual effects the sounds required by the script.

PANCAKE TURNER

One who operates a sound effect machine for the purpose of playing recorded music on the air.

PLATTER

Musical records played on a sound effect machine.

ELECTRICAL TRANSCRIPTION

Sound transferred to a 16-inch disk, which revolves at a speed of 33 1/3 revolutions per minute, made for broadcast purposes and having high fidelity.

PHONOGRAPH RECORD

Sound transferred to a shellac composition disk of 10 or 12 inches diameter which does not have as high fidelity as an electrical transcription and is manufactured chiefly for home use. It revolves at a speed of 78 revolutions per minute.

IV. ENGINEERING

CONTROL ROOM

A small room usually enclosed in glass from which the engineer and production man control the program.

V. I.

Or "volume indicator"—a delicate instrument containing a needle which indicates the volume of sound, enabling the engineer to determine whether the "level" is too high or too low.

P. A.

Public Address system consisting of a microphone, amplifier, and loudspeaker. Certain types of microphone require a pre-amplifier in addition to an amplifier.

GAIN

The increase in volume of sound obtained in the amplifier.

RIDING GAIN

Centrolling the amount of increase or volume of sound. The engineer does this with the aid of a volume indicator.

PEAKS

High points in the variation of sound which are the natural result of changes of pitch, accent, and explosions of certain consonants and vowel sounds causing the volume indicator to fluctuate in accordance with the volume of those respective sounds.

GIMME A COUPLE OF PEAKS

A request by the engineer via telephone line to an engineer at a remote point before the broadcast asking the remote engineer to speak into his microphone in order to determine whether the lines are clear. The phonetic yardstick used by the engineer in testing lines is "Woof" spoken explosively.

LEVEL-OR VOICE LEVEL

A test of a speaker's voice for tone and volume to determine proper distance from the microphone for best listening qualities.

BALANCE

Blending different kinds of sounds to achieve proper volume relationships such as musical background for a dramatic sequence. If the music is so loud that the dramatic dialogue is lost, a poor "balance" results. Also, the arrangement of musical groups to obtain a natural blending of tone.

CUT A PLATTER

Means to make a recording.

DAMPEN THE STUDIO

To increase absorption of sound by using such portable sound absorbance equipment as monks cloth screens, drapes and rugs or by bringing more people into the studio.

LIVEN THE STUDIO

By taking sound absorbing materials out of the studio, pushing back curtains exposing window and wall surfaces, and by setting up sound reflecting screens.

DEAD END

The part of the radio studio which has the greatest sound absorption.

LIVE END

The part of the studio giving the greatest sound reflecting qualities.

DUBBING

Refers to the process of transposing recorded material from one record on to a new record.

REMOTE CONTROL

Refers to the engineering aspect of controlling a program produced outside the regular studio and relayed by shortwave or wire to the studio.

"NEMO"

A term frequently used by radio engineers to designate any program broadcast by a radio station which does not originate in their local studios.

KEY STATION

The station where a network program is produced.

HAM

An amateur radio transmitter operator.

LEG

A branch or link of stations in a network.

A PIPED PROGRAM

A program which has been transmitted over wires.

PICK UP

Acoustical value of program. Also location of microphones in relation to program elements. The origination point of a broadcast. Also a device containing an electromechanical member which vibrates when in contact with a moving phonograph record, a modulated

electric current for the purpose of making the record audible from a loudspeaker. Primary apparatus used to convert sound to electrical energy.

ECHO CHAMBER

A small room with resounding walls, used to give a hollow effect to certain dramatic scenes. The studio output is run into the echo chamber on a loud-speaker and picked up again on another microphone thus giving the boomy echo effect. Latest developments are rendering the echo chamber obsolete. The echo effect is produced in modern studios by running the studio output through a mechanism which delays part of the sound, then feeds it back into the main line. The result is a distorted hollow effect.

MIKE

Short for microphone—an electrical device for translating sound vibrations into tiny electrical impulses which can be then transmitted over a wire or through space to a remote receiving station and there translated back into the original sound.

CARBON MIKE

Microphone which accomplishes the translation of sound into electrical impulses by the use of small carbon grains contained between two thin metal plates, called diaphragms, which are vibrated by the sound. It is no longer used for broadcast purposes in most studios because of its tendency to produce an annoying hiss.

CONDENSER MIKE

Microphone which accomplishes what the carbon mike does without the use of carbon granules by using the two diaphragms as the plates of what is known as an electrical condenser. The vibration of the plates caused by the sound correspondingly varies the electric current in the condenser and amplifier. This microphone is less sensitive than most other types and therefore requires a small amplifier within a few feet of the microphone itself and is usually built into the microphone casing or into the base of its mounting stand. There are many standard cases for this type of microphone and the various names sometimes given to it are usually descriptive of the case-the mike itself being

fundamentally the same. A few examples are: camera mike, bullet mike, and desk condenser. These mikes are still used in some studios although they are gradually being replaced by the "velocity" or "ribbon" mikes.

VELOCITY OR RIBBON MIKE

Derives its name "ribbon" from the fact that it translates the sound into electrical impulses by means of a suspended metal ribbon which vibrates in accordance with the sound between the poles of a permanent magnet. This mike is so directional in its response that sounds coming from the sides of the microphone are only faintly heard over the loudspeaker, if at all. Actors can perform "fades" very easily on a ribbon mike by merely shifting their position from in front of the mike to the side.

DYNAMIC MIKE

Microphone which obtains its name from the dynamic loudspeaker, the principle of which is just the reverse of the dynamic micro, hone. Whereas the dynamic speaker transmits the impulses in a moving coil of wire which is in a magnetic field, to a diaphragm which in turn translates these impulses into corresponding sound vibra-tions understandable by the human ear, the dynamic mike receives the sound vibration upon the diaphragm and translates these into electrical impulses in the moving coil. Although this microphone was being generally replaced by the velocity mike, it is now finding favor again in many studios in a new, improved form called the-

BALL MIKE

(or any other name by which it may be called, as, eight-ball, billiard, etc.) which is essentially a dynamic microphone about the size and shape of a billiard ball. This microphone is non-directional and sounds are therefore picked up with equal intensity from any angle, thus allowing a large cast to work around a single mike.

BRUSH MIKE

A very rugged type of microphone which looks like the frame of a metal hairbrush. Its small size and dependable ruggedness combined with high fidelity make it an excellent mike for portable and outdoor radio pickups or public address systems.

Sign Language of Radio Studios

Radio not only has its own verbal language, but it also has a silent language which came into being out of necessity.

During the broadcast the director is usually found in the control booth where he can watch his actors through a glass panel, and, at the same time, hear the production as it is heard by the radio audience. No matter how carefully a show is rehearsed, the director must be able to communicate with the actors when the program is on the air. For example, by observing his time notes in minutes and half minutes marked on his script, the director can tell at any moment whether his program needs to be slowed down, speeded up, or whether it is "on the nose". If the program is running too slowly, he will communicate with a sign meaning-"actors pick up the tempo".

The following list explains the sign language most commonly used in radio studios: (If you intend to use these signals in broadcasting it would be well to check them with the studio director, for some directors use signals other than those listed below.)

Message—Sign

Increase volume—Move hands up, palms up.

Decrease volume—Move hands down, palms down.

Begin your speech-Direct point at actor.

"Stretch it out"—Draw hands apart slowly as in stretching a rubber band.

Speed up—Turn hand, with index finger extended, clockwise rapidly.

Message—Sign

Move away from "Mike"—Move hand away from face.

Move toward "Mike" — Move hand toward face.

Cut--Draw index finger across throat, "Cut-throat" motion.

Avoid the provisional cut-Tap head.

Watch me for cue-Point to eye.

Give the network cue—Show clenched fist to announcer.

Fade-out—Lower hands slowly, palms down. Turn clenched fist slowly.

O. K.—Form circle with thumb and forefinger. Other fingers extended.

Is program running according to planned time schedule?—Touch nose—quizzically. (studio sign)

The production is proceeding as planned—Touch nose.

How is the balance?—Touch ear with forefinger, balance with both hands, palms down. (studio sign)

Start the theme melody—Form letter "T" with forefingers. (Music Director usually uses baton and fingers.)

Take the first ending and repeat the chorus—Hold one finger vertically.

Take the second ending and conclude— Hold two fingers vertically.

Repeat-Same as above.

Play entire arrangement—Lower hands, palms vertically.

Conclude with the chorus—Clench fist during selection.

Play the chord—Clench fist during program.

Play predetermined fanfare-Salute.

Start at the beginning of musical number —Point up.



FOREIGN



U. S. International Stations

Regulations; International Broadcast Stations

Department of Commerce Activities

World Markets Survey



INTERNATIONAL BROADCAST STATIONS

IN THE UNITED STATES

The term "international broadcast station" means a station licensed for the transmission of broadcast programs for international public reception. Frequencies are assigned according to international agreement between 6000 and 26000 kc. No charge may be made for transmission of such programs although the use of commercial programs broadcast simultaneously with standard broadcast stations is permitted. Purpose of this type of station is for experimentation and research for the improvement of international broadcast service.

Licensee and Location L	Call etters	Frequency (Kc)	Power
Chicago Federation of Labor York Township, Ill		6080, 11830, 17780	500 w
Columbia Broadcasting System, Inc. Near Wayne, N. J	Œ	6120, 6170, 9650, 11830, 15270, 17830, 21570	10 kw
The Crosley Radio Corp. Mason, Ohio	KAL	6060, 9590, 11870, 15270 17760, 21650	10 kw C.P. 50 kw
General Electric Company South Schenectady, N. Y	KAD	9550, 15330, 21500	25 kw C.P. 100 kw
General Electric Company South Schenectady, N. Y	KAF	9530	40 kw C.P. 100 kw
General Electric Company Near Belmont, Calif	KBE	9530, 15330 20 kw	(C.P. only)
Isle of Dreams Broadcasting Corp. Miami Beach, Florida	КВ	6040	5 kw
National Broadcasting Co., Inc. Bound Brook, N. J	K L	6100, 17780	35 kw
National Broadcasting Co., Inc. Bound Brook, N. J	KAL	9670, 21630	35 kw
WCAU Broadcasting Company Newtown Square, PaW3X	ΚAU	6060, 9590, 15270, 21520, 257	25 10 kw
Westinghouse Electric & Mfg. Co. Millis, Mass	KΚ	9570	10 kw
Westinghouse Electric & Mfg. Co. Saxonburg, Pa	KΚ	6140. 9570, 11870, 15210, 17780. 21540	40 kw
World Wide Broadcasting Corp. Boston, Mass	KAL	6040, 11730, 11790, 15250, 216 15130	

→ INTERNATIONAL → BROADCAST STATIONS

Digest of Regulations Governing Their Establishment and Operation, as of January 1st, 1939, Together with Available Groups of Frequencies.

The term "international broadcast station" means a station licensed for the transmission of broadcast programs for international public reception. Frequencies for these stations are allocated from bands assigned (between 6,000 and 26,600 kilocycles) for broadcasting by Article 7, General Radio Regulations, annexed to the International Telecommunication Convention, Madrid, 1932.

A license for an international broadcast station will be issued only after a satisfactory showing has been made in regard to the following, among others:

- 1. That the applicant has a program of research and experimentation which indicates reasonable promise of substantial contribution to the development of the international broadcast service.
- 2. That the station will render an international broadcast service.
- 3. That the program production and experimentation will be conducted by qualified persons.
- 4. That the applicant is legally and financially qualified and possesses adequate technical facilities to carry forward the program.
- 5. That the public interest, convenience and necessity will be served through the operation of the proposed station.

Provisions for Commercial Program Transmission

(a) A licensee of an international broadcast station shall not make any charge directly or indirectly for the

- transmission of programs, but may transmit the programs of a regular broadcast station or network, including commercial programs, if the call letter designation when identifying the international broadcast station is given on its assigned frequency only and the statement is made over the international broadcast station that the program of a broadcast station or network (identify by call letters or name of network) is being broadcast. In case of the rebroadcast of the program of any broadcast station, Rule 177 applies.
- (b) No licensee of any other broadcast station or network shall make any additional charge, directly or indirectly for the simultaneous transmissions of programs by the international broadcast station, nor shall commercial accounts be solicited by a licensee of another broadcast station or network or by others acting in their behalf upon representation that the commercial program will also be transmitted by an international broadcast station.
- (c) Station identification and program announcements shall be made with international significance suited for the foreign nation or nations for which the ser-

vice is primarily intended or in which the reception is believed to be best on account of the frequency, season, hour of operation, etc.

Frequencies Allotted

(a) The following groups of frequencies are allocated for assignment to international broadcast stations on an experimental basis:

$Group\ A$	$Group\ B$	$Group\ C$	$Group\ D$
$6020~\mathrm{kc}$	$9510~\mathrm{kc}$	$11{,}710~\rm{kc}$	15,110 kc
6040	9530	11,750	15,150
6060	9570	11,770	15,150
6080	9590	11,790	15,190
6100		11,810	15,210
6140		11,830	15,230
		11,850	
		11,870	
		11,890	
$Group\ E$	$Group\ F$	$Group\ G$	$Group\ H$
<i>Group E</i> 15,250 kc	<i>Group F</i> 17,760 kc	<i>Group G</i> 21,460 kc	<i>Group H</i> 25,625 kc
-		,	•
15,250 kc	17,760 kc	21,460 kc	25,625 kc
15,250 ke 15,270	17,760 kc 17,780	21,460 kc 21,480	25,625 kc 25,650
15,250 kc 15,270 15,290	17,760 kc 17,780	21,460 kc 21,480 21,520	25,625 kc 25,650 25,675
15,250 kc 15,270 15,290 15,310	17,760 kc 17,780	21,460 kc 21,480 21,520	25,625 kc 25,650 25,675 25,725
15,250 kc 15,270 15,290 15,310	17,760 kc 17,780	21,460 kc 21,480 21,520	25,625 kc 25,650 25,675 25,725 25,750
15,250 kc 15,270 15,290 15,310	17,760 kc 17,780	21,460 kc 21,480 21,520	25,625 kc 25,650 25,675 25,725 25,750 25,800

Separate Licenses

(b) A separate license and call letter designation will be issued for each frequency except that where frequencies in two or more groups are required to maintain a particular international broadcast service to certain foreign country or countries, one frequency from each of the groups required may be authorized by one license and one call letter designation. In such cases these frequencies shall be used consecutively during a day as required and they shall not be used simultaneously either on the same transmitter or different transmitters.

- (c) Not more than one frequency in any group in subsection (a) of this rule will be assigned to a station.
- (d) An applicant shall select the frequency which it is believed is best suited to the experiments to be conducted, for reception in the foreign country or countries for which the service is intended, and for a minimum of interference to other international broadcast stations.
- (e) Applicants shall file a separate application for each frequency or frequencies requested in different groups as provided in subsection (b) of this rule.

Power Requirements

- (a) No international broadcast station will be licensed for a power output rating less than 5 kilowatts.
- (b) While conducting apparatus experiments and in case adequate signal is delivered in the foreign country being served, the operating power output may be less than 5 kilowatts.

A supplemental report shall be filed with and made a part of each application for renewal of license and shall include statements of the following:

- 1. The number of hours operated on each frequency.
- 2. A list of programs transmitted of special international interest.
- 3. Outline of reports of reception and interference and conclusions with regard to propagation characteristics of the frequency assigned.
- 4. Research and experiments being carried on to improve transmission and to develop international broadcast and the frequency assigned.
- 5. All developments or major changes in equipment.
 - 6. Any other pertinent developments.

THE DEPARTMENT of COMMERCE

and its

ACTIVITIES REGARDING RADIO

By JOHN H. PAYNE

Chief, Electrical Division

Washington, D. C.

THE Bureau of Foreign and Domestic Commerce has as it main objective comprehensive service to American industry, principally along the line of business promotion. Because of the nature of this activity, it is frequently possible to supply information in regard to other phases of the radio industry, such as engineering, statistics, applications, etc., which may be asked either by students or laymen outside of industry.

Emphasis is placed on foreign business inasmuch as this is where the greatest service can be rendered. American companies, obviously, do not need assistance in their domestic business to the same extent that it can be of use in their foreign activities.

Redio assumes a leading position in the Electrical Division's activities, since it is the largest item or group of items classified as a unit, in our exports. Recently, it has represented 25 to 30 per cent of the total exports of all electrical commodities from the United States to the rest of the world.

The Bureau serves industry through three rather distinct organizations-first, its 25 District and 53 Cooperative Offices located throughout the United States. through which it has facilities for intimate contact with all American individuals or businesses wishing to avail themselves of its services; second, through 34 Foreign Offices located in the capitals of the more important countries of the world, making close foreign contacts on behalf of American industry; third, a highly specialized headquarters organization in Washington, providing experienced people in each phase of industry and in several commercial services.

For an exporter, a District or Cooperative Office can perform such services as these: indicate where there is a market for American goods; explain how best to enter a market; specify the terms on which goods are ordinarily sold in a particular market; provide data as to the

competition to be encountered from foreign sources; furnish lists of buyers in the principal markets of the world; and render many other services.

The Foreign Offices form a vital element in the Bureau's service. They constantly provide data on all the significant economic, commercial, and financial developments of the various countries. They report on the general business situation in a specific foreign market—the competition between American goods and the products of other countries—the import duties and restrictions that may be imposed—sales methods and credit terms and the foreign-exchange situation, when pertinent. They conduct surveys covering specific commodities in definite foreign markets, and provide a variety of other current special data.

While the Industrial Divisions in Washington render specialized services to specific industries, there are in the Bureau seven divisions giving intensive study to various distinctive phases of foreign business characteristics. In response to inquiries from industry, they can supply information not otherwise obtainable on some of the highly specialized aspects of foreign trade.

These Divisions include:

Commercial Intelligence—compiles lists of foreign buyers or sellers. There are 32,000 such lists now available to American business. The Division maintains a "World Trade Directory" report giving commercial information on approximately 650,000 foreign buyers or sellers. Information on credit and collection conditions, and credit payment terms in foreign countries, through the "Credit Situation Abroad" service.

Commercial Laws—distributes information on the laws of all countries which relate to commerce and industry, including laws for transacting business, organization, commercial acts, and taxation, property problems (trade-marks, patents, copyrights, unfair competition, etc.), foreign insurance, factory, labor, and social-security laws affecting the cost of doing business abroad.

Finance—collects information regarding foreign banks and banking affairs, foreign monetary and exchange conditions, foreign trade financing in general, and related subjects. Is a prime source of statistics on (a) the balance of international payments of the United States; (b) foreign securities publicly offered in the United States; (c) American investments abroad; (d) foreign investments in the United States; and (e) data on related subjects such as war debts, etc.

Foreign Tariffs—current detailed records of customs tariffs, quotas, trade regulations, and commercial policy of all foreign countries, reports to American firms changes in this important field. Information on trade agreements concluded with foreign countries, and on all other phases of foreign customs requirements.

Foreign Trade Statistics — gathers, compiles, and disseminates statistics on American imports and exports. Also contributes to numerous general statistical studies sponsored by the Industrial Divisions to meet the indicated requirements of individual industries.

Regional Information—furnishes general information about economic conditions aboard. A high degree of specialization is attained in this Division through placing the work under the supervision of regional specialists in charge of the European, Far Eastern, Latin American, and Russian Sections.

Transportation — collects and analyzes data from both foreign and domestic sources on such subjects as ocean shipping, packing and packaging, tourism, materials handling, inland waterways,

railway and motor transport, communications and postal services, warehousing, bills of lading, industrial traffic management, etc.

The Bureau maintains twelve Industrial Divisions, staffed by experts conversant with the details of each industry. These divisions bring the Bureau into direct touch with producers and exporters, making possible the establishment of mutually helpful relationships. For each industry, there is provided a specialized service, satisfying some of its peculiar and characteristic needs for statistical and other information. Essential information and data are collected under competent supervision, and is disseminated to the many trades in the most efficient ways that can be devised. Most of the material is provided by representatives of the Departments of Commerce and State stationed in foreign countries: the information covers a wide field of industrial and trade activities and is released to business in periodical and special bulletins.

The Electrical Division, one of the twelve similar industrial divisions, renders broad commercial services to the American electrical and radio industries. Its Radio Section serves the manufacturers of broadcasting and receiving equipment, as well as the broadcasting operators. Wide distribution of U. S. A. short wave programs has been established in cooperation with the Radio Manufacturers Association, whereby a compilation of all beamed American short wave programs is made available to publishers throughout the world.

The Division concentrates on obtaining and offering data which industry lacks the means of securing through its own endeavors. With respect to radio, the Division collects information regarding the widely varying conditions in other nations, in order to be able to inform American industry of world developments, prospective markets, needed adaptations, and other related matters.

Radio surveys have been made to develop the effectiveness of American short wave broadcasting throughout the world Both its good qualities and its limitations as brought out in these surveys are passed on to the American short wave operators for their guidance.

Criticism from the radio or other electrical industries is solicited by the Division, in order that it may improve and make its serivces more useful to all interested in using them.

EXPORT MARKET SURVEY

An International Digest

The comprehensive survey of the foreign radio market, immediately following, was prepared with the assistance of the far-flung Foreign Offices of the Departments of Commerce and State. Statistical information in each instance reflects the latest available data.

ARGENTINA

General There are about 1,250,041 receiving sets in Argentina, approximately half of which are in the near vicinity of Buenos Aires. Several years ago the annual sales were about 150,000 se's a year, but for the past two years this volume has increased to 200,000. The selling season begins to decline in December, and rises again in March or April. The basic type of set which accounts for most of the sales at present is the 5-tube medium and short wave table model with horizontal cabinet, and with 8-inch speaker. The AC DC set is now preferred to the exclusively AC set. Local electric service is 220 volts. Design and number of tubes generally follow American

Under the provisions of the Cairo Conference (1938) Argentina may employ the tropical frequencies between 2,300 and 2,500 kilocycles (130 to 120 meters) for broadcasting, concurrently with mobile services.

Sources of Supply-The U. S. furnishes about 55 per cent of the radio sets imported, in point of value, and about 80 per cent of the tubes. The second supplier is Philips in both cases, with 35 and 20 per cent, approximately. Germany and the United Kingdom furnish some material of all classes, but holds no important percentage of the total business.

Domestic Production---An overwhelming percent age of the sets sold in Argentina are assembled locally. The component parts may be either imported or made in the country. Some of the well-known American makes are assembled large ly from domestic parts; for others most of the parts have been imported.

Tariffs and Restrictions The Argentine import aritis and Restrictions The Argentine import tariff schedule is applied equally on shipments from all countries, aside from a few exceptions which do not include radio. Specific rates and classifications may be obtained from the foreign ariffs division of the Bureau of Foreign and Domestic Commerce on application. There is an Argentine sales tax of 1.25 per cent on the wholesale invoice value. There are no other outstanding restrictions as to imports or sales except the matter of exchange control.

Television -- No developments.

Amateurs The most recent issue of the "Guia Radio," published in Buenos Aires, shows 705 amateurs licensed.

Facsimile Buenos Aires is connected with New York, London and Berlin by direct circuits for facsimile transmission. There is no internal service in the Republic. Facsimile transmission is increasing, news photos accounting for most of

Short Wave Argentina is definitely short-wave minded, and at least 80 per cent of the sets now being sold include the 6-15 megacycle band in addition to the regular broadcast band. There is considerable interest in both the American and European short wave stations. Of the European transmitters, the German and British have the best reception, followed by the Italian, French, Dutch, and Russian stations. Most of the im-portant European transmitters now use Spanishspeaking announcers.

Within the past year short wave reception of 2 or 3 American short wave stations has improved 2 of 3 American short wave stations has improved considerably, although there is still a tendency for German and other powerful European transmitters to blanket the American programs. Advertising At present, practically all Argentine stations are supported by advertising. Some advertisers use this medium exclusively.

The basic evening rates charged by the principle.

The basic evening rates charged by the principal Bucnos Aires stations range from 200 to 500 pesos per half hour, depending on the time, frequency, and nature of the program. An additional 150 to 309 pesos per evening half-hour is charged by the two principal chains to include their affiliate stations.

Transciptions A few of the leading radio stations have transcription libraries. Two Buenos Aires stations which have their own transcription machines record from programs during the daytime and transmit from records at night. Arrangements for broadcasting transcriptions are made directly with the stations or through agents. Most stations will accept transcriptions from advertisers, although the present use is largely restricted to theme songs, music, and spots for provincial

Regulations- -Argentine radio broadcasting is under the jurisdiction of the Director General of Posts and Telegraphs. The basic radio law, dated May 3. 1933, and slightly modified by subsequent regulations, covers naval, news, broadcasting, experimental, and amateur transmissions.

Sets in use 1,250,041.

Stations 48.

AUSTRALIA

General On June 30 there were 1,157.911 listeners' licenses in force, an increase of 113,843 over a year previous. As one license entitles the holder to operate as many sets as he wishes, it is estimated that the actual number of sets is at least 1.250,000. Dealers estimate that 1938 sales will reach a total of 250,000.

Types of Sets--By far the largest demand is for sets of 5 tubes. Short wave sets are growing

in popularity.

Sources of Supply-Owing to high import duties there is no importation of receiving sets in commercial quantities, except that a few are brought in from New Zealand, under preferential tariff rates. The insignificant number that come in from the United States are those brought in by manufacturers as samples. The big demand for tubes--for factory equipment is now met largely by the two tube factories operating in Australia. For the ubes which are still imported, the United States remains the principal supplier. All classes of radio equipment are now manufactured in Australia, Amalgamated Wireless (A/sia) Ltd. having the dominant position.

Patents The radio trade in Australia is dominated by Amalgamated Wireless. This company was originated in 1913, owns the perpetual right to use and exploit the Marconi patents in Australia, and in addition holds the Australian rights for some of the most important American patents

relating to radio apparatus.

Virtually all worthwhile patents relating to receiving sets are controlled by a pool known as Australian Radio Technical Services and Pat ents, Ltd., at 47 York St., Sydney.

Television-While there have as yet been no television transmissions, the subject is being closely followed by the Postmaster-General's Department and Amalgamated Wireless.

Facsimile - Facilities exist for facsimile transmissions between Australia and London and Australia and Canada through the service of the Beam Wireless system, operated by Amalgamated Wireless.

Short Wave -Australia was the first British Domin ion to establish a regular overseas broadcast service to the world, on September 5, 1937. service is operated by Amalgamated Wireless and its purpose is to keep overseas countries informed of the resources and tourist attractions of the Commonwealth. This world-wide short-wave service is operated from VK2ME, Sydney, VK3ME. Melbourne, and VK6ME, Perth.

Airways Radio Two radio navigation systems have been adopted. a radio range system on the routes from Adelaide to Brisbane via Melbourne and Sydney, and between Melbourne and Hobart, roadcasting. The broadcasting set-up in Australia

Broadcasting combines the features of both the English and combines the leatures of both the English and American systems, in that there are some stations operated by the Government and others owned privately as a separate class. The former are known as "National Stations" while the latter are called "Commercial Stations."

At the end of June, 1938, there were 24 National stations. They are owned by the Postmaster-General's Department and are operated by the Australian Broadcasting Commission. These stations derive their income from the license fee paid by receiving set owners. The listener's license fee is 21 shillings a year; 9 shillings is retained by the Postmaster-General's Department, which is responsible for the maintenance of the equipment, while the remaining 12 shillings go to the Commission to provide pro-

grams, rent, and other costs.

At the end of June, 1938, there were 94 Commercial stations, which receive no part of the listener's licensee fee but depend solely on the broadcast of advertisements or sponsored programs for their revenue. As a rule these stations are owned and operated independently, but there are several so-called networks.

Advertising -All of the Commercial stations broad-east advertising. This may be in the form of a sponsored program, or a brief announcement

between program items. Radio is now recognized as an important advertising medium in Australia.

Transcriptions are widely used for broadcast programs in Australia. Some transcriptions are now made in Australia, but the United States remains among the principal sources of supply. Several companies in Australia are now engaged in the importation of transcriptions from the United States for distribution to broadcasting stations in Australia. Sets in use—1.250,000.

Stations- 118

RAHAMAS

General It is estimated that 1,200 sets are in use: although a license is required dealers believe that of the total, and the license figures therefore do not represent the situation. Annual sales are not known.

Sources of Supply -Practically all sets on sale are imported from the U.S. There is no commercial importation from Europe.

Patents -- Patents have not been used to interfere

with sales of American radio. Short Wave--Because of atmospheric interference, which maintains throughout the year, and the interest in reception of British Empire programs,

short waves are required by buyers.

Broadcasting During 1937 a low power broad casting station was opened at Nassau, and a short wave auxiliary is planned. The station is operated by the Government on 610 kilocycles (492) meters) with 400 watts.

Sets in use--1.200.

Stations-1.



BERMUDA

General -At present 3.047 receiving sets are licensed for use in Bermuda. This figure is undoubtedly in excess of the number of sets actually operation, since when a receiver is discarded there is no obligation to report the matter and have the license cancelled. Annual sales average approximately 700. Although a satisfactory demand exists for the console or cabinet type radio. as might be expected in a country of modest financial resources, the sales of table instruments predominate.

American products are to hold their dominance in this market it is important that improved models be made available from time to time and in particular that the apparatus be especially designed for sea air and sub-tropical conditions such as those existant in Bermuda and other humid areas. There is now a Dutch export set humid areas on the market which is said admirably to resist the dampness of Bernuda, as concerns the metal and the wood in the cabinet. Both portions have been specially treated, with local conditions in

Patents No patent claims have interfered with

U. S. selling.

Tariffs and Restrictions American and other for eign receivers, parts and tubes pay an import tariff of 25 per cent ad valorem, against a British Empire preferential duty of 10 per cent. This dis-crepancy has thus far been successfully overcome by the popularity of American equipment. There are no exchange restrictions, import quotas or other restrictions.

Amateurs There are but two or three amateurs. There have been no developments in facsimile

and police radio.

Short Wave—Short wave reception is, on the whole, much more satisfactory than broadcast frequencies, although the medium band reception from the United States and nearby Latin-American stations is excellent when static is at a minimum. Nearly all foreign countries as far as eastern Europe are audible on the short wave.

Sets in use-3,047.

Stations---none.

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RELGIUM

General On March 1 the total number of sets in use in Belgium was 1,002,045, an increase of 119,497 over the same date in 1937. Belgium should offer a substantial market for radio sets for many years, but under present conditions the prospects for expanding the sales of imported receiving sets do not appear promising. The European long wave band is required by most purchasers in order to receive the Luxemburg station as well as the long wave broadcasts from England, France, the Netherlands, and Russia.

Sources of Supply—Among the foreign receiving sets more commonly sold in Belgium are: His Master's Voice and Ecko (British), Telefunken. Point Bleu, Sciht, Saba, Nova, Loewe, Lorenz, and Strassfurt (German), Philips (also made in Belgium), and Stokvis (Dutch), and eight American makes.

Tariffs and Trade Restrictions—There are no restrictions on the importation, sale, or ownership of receiving sets or parts, except the import duty. Under the terms of the agreement concluded between the United States and Belgium in 1935, there was a reduction in the rate of duty on complete sets and the supplement tax per tube socket was reduced about 15 per cent. The import duty on complete sets at present is 47 francs per kilogram on the chassis and cabinet, plus 8.50 francs per tube socket and 1.45 francs per tube.

Television—Extensive experiments and research have been conducted by the Philips Corporation for the development of television in recent years, and as a result demonstrations were begun in their studios in Brussels in January, 1938, in the presence of Belgian and forcigin government officials. The previews disclosed that considerable success has been achieved in their developments. Projections were made on a screen of unpolished glass 16x20 inches and transmitted a distance of 50 feet from the first to the second floor of the building. The transmitters operated at a very high frequency of 43,208 kilocycles for vision and 39,708 kilocycles for sound.

Short Waves—Short wave broadcasts are very popular in Belgium and such programs from France, Italy, England, Germany, Spain, Sweden and the United States are sought with eagerness, though the difference in time renders the shortwave broadcasts from the United States very inconvenient and only the radio enthusiast derives much benefit from the better American programs. When there is no serious interference, good reception may be obtained on ordinary short-wave radio receivers from the principal stations in the United States after 1 p.m. Greenwich time in winter, and after 4 p.m. in summer. A few other American stations are also heard, but the reception is often unsatisfactory.

Advertising—Since the unofficial stations must depend solely on revenue producing propaganda for their operating income, a more diligent effort is being made to popularize radio advertising in Belgium, but the advertising campaigns have so far been of local character and the rates charged for this service are quite nominal.

Sets in use-1,002,045.

Stations 9.

BRAZIL

General-There is at present a good market for radio sets and a fair one for accessories and public address equipment. During the last 2 or 3 years fairly high powered broadcasting stations were constructed and a marked improvement was effected in the quality of the programs broadcast, with the result that the interest of owners and listeners has become aroused and sales of sets and equipment have increased considerably as compared with previous years. Nevertheless, the demand is not so large as might be expected from a territory of this size and population, being adversely affected by low average earning power. Total annual sales may not exceed 750,000 sets, although no official statistics are available. Sets in use are estimated at about 450,000.

Sources of Supply -Philips (Netherlands) continues to be the most serious competitor to American radio manufacturers in this market.

The fact that Philips receivers are offering increasing competition to American radios cannot be attributed altogether to the more favorable sales terms offered by the former. Local distributors of American radios freely admit that while Philips sets are not as selective as our receivers and lack their superior tone qualities, the latter are better adapted for use in this climate.

Patents -Patent claims have not interfered with the sale of radio equipment.

Tariffs and Trade Restrictions—Radio sets and accessories and parts (excepting tubes) fall under Article No. 1583 of the Brazilian tariff, with duty payable according to the weight of the unit. Present exchange regulations provide that drafts covering imports can be paid on due date for immediate remittance abroad by presenting the following documents for approval: Consular invoice, commercial invoice, certified by a Chamber of Commerce and Brazilian Consul, and Brazilian customs clearance certificate.

Television No developments.

Facsimile No developments.

Short Waves Short wave reception is very popular in Brazil. About 10 per cent of the sets in use are able to receive the United States and Europe regularly, although United States stations are largely under the disability of interference from European stations, with directed waves. American broadcasts, however, are not entirely satisfactory to Brazilians, because of language difficulties.

Advertising The use of radio as a medium for advertising has increased considerably in recent years. This development may be attributed largely to the substantial upswing in receiver sales which has afforded wider listener coverage, as well as to the improved quality of programs available. Estimates as to the coverage available through this medium vary widely. It is believed, however, that the 420,000 radio sets currently in use in the country serve a total of between 1.800,000 and 2.500,000 listeners, a majority of whom fall into the higher income groups. One major deterrent to the more wide spread use of radio advertising in this country has been the lack of a network which might afford national coverage and the relatively limited radius within which any particular station or groups of stations may be heard. Aside from a lack of power, certain peculiar interferences are found here with reader reception poor within relatively restricted areas. These conditions are accentuated considerably during the warm months (November to March) when excessive humidity increases atmospheric noises.

Radio advertising rates vary widely,

Sets in use -- 460,000.

Stations- 65.

RRITISH INDIA

General—Importations into India of radio receiving sets and apparatus have been continually increasing during the past several years and a fairly good demand for ordinary sets can be considered to exist. There are, however, various factors which militate against the increased use of radios. One of the chief factors at present is poor quality of broadcasting. At least 50,000 sets are in operation, it is estimated.

Sources of Supply British manufacturers are apparently paying more attention to the Indian market. They have successfully introduced short wave receivers and it is expected that the development of a short wave broadcasting system in India will react favorably on sales of British equipment which, of course, cujoys a preferential duty.

In the North-West (Karachi area) the major market is held by instruments of American manifacture but they are encountering keen competition from Philips, which are now estimated to hold about 30 per cent of the sales volume. It is reported that the chief reason for the popularity of Philips sets is because of the good results obtained with their AC-DC sets.

Tariffs and Restrictions Radio apparatus of all kinds, including tubes, is dutiable at 50 per cent ad valorem. A 10 per cent preference is given to manufacturers of the United Kingdom, but this has been of very little, if any, assistance to British exporters. This high duty naturally enhances the cost of radios and is a particularly severe handicap in a country where its purchasing power is as low as it is in India.

Short Wave Interest in short wave is extensive. Programs are received from most of the important world-class stations, although American stations seldom come in well. The Government is giving special attention to short waves as a means of more readily covering India with broadcasting service.

Under the All-India Radio's short-wave expansion program, demand for sets covering 13 to 100 meters is bound to increase materially during 1939. Only a few American sets are available at present with this range and it is reported that the prices asked for these sets are almost prohibitive. However, one satisfactory American receiver has been introduced and although it sells at a high price the importing firm is highly optimistic as to its future in this market, pointing out that they have high-class clientele who are prospects for just this type of set.

Broadcasting The principal broadcasting stations in India are owned and operated by the Government India under the Posts and Telegraphs Department, the operating authority being known as "All-India Radio" (formerly the Indian State Broadcasting Service).

It is believed that several private broadcasting services with amateur licenses give purely local programs of phonograph records, etc., in various localities.

The Government of India has authorized an expenditure of 4,000,000 rupees on broadcasting and this sum has already been allocated for expenditure on different projects. Installation of the crafting decided moon is progressing rapidly.

the stations decided upon is progressing rapidly.

Advertising: There are no sponsored programs at present on the air in India. This form of advertising was tried out, but met with very little success, and has been practically discontinued, although facilities are still available.

although facilities are still available.

Regulations—Amateur transmitting licenses are granted only to subjects of British India or Indian States. Radio dealers have to operate under 3 licenses from the Government, each costing 10 rupees; one for operating radio, the second is dealer's license, and the third for demonstration of sets in prospective buyers' houses.

The law forbids the sale of a radio set unless

the purchaser can produce a license which has been purchased from Government authorities.

Sets in use—50,000.

Stations- -8.



BULGARIA

General—The market for radio sets has been improving, with a 40 per cent increase in imports in 1937, which, in turn, were 70 per cent larger than 1935 imports. The imports during the first quarter of 1938 show an increase of 14 per cent over the imports for the same period in 1937. Improvements in broadcasting facilities have developed much greater interest in radio, and adequate service has been extended to much new territory. The completion of the new 100 kilowatt national broadcasting station has greatly encouraged the market for radio sets in this country. The most popular sets are table model, 5 or 6

The most popular sets are table model, 5 or 6 tubes, with short and medium wave bands, with or without the long wave. Only a small number of sets without the short wave feature are now being offered. Console sets are usually too expensive for this market because of the high

customs duty based on weight.

Sources of Supply There are about 40 different makes of radios on the Sofia market. Of these more than half are of American origin, while the rest are from Germany, Austria, Netherlands, Italy, France, Hungary, United Kingdom and Bulgaria. Of the European radios sold the most important are Philips, Telefunken, Kortin, Rlau Punkt, Saba and Standard, American imports of radio sets in Bulgaria in 1937 were only 8 per cent of the total imports, while Germany had the leading place with 49 per cent. The loss of American leadership was due principally to a change in the customs tariff effected in 1936.

Patents -No patent interference with the sale of American sets and tubes has been experienced.

Tariffs and Restrictions Bulgarian radio import husiness is now finanaced entirely by arranging "compensation" or barter transactions, as import remits, under which normal trade could be carried on, are not used for these products. Importers who are not prepared to handle the compensation export trade usually arrange with other business men for the transfer of credits, but the premiums charged for these transactions amount to about 35 per cent for business with the United States at the present time. Merchandise should not be exported to Bulgaria on credit under present conditions, since residents of this country, even if willing and financially able to meet their obligations, are not permitted to transfer their funds abroad, except along the lines indicated above.

cated above.

Short Wave There is a definite interest in short wave reception, although the subject is not given a great deal of attention. Nearly all sets sold have the short wave feature. European short wave programs are usually obtainable on the middle or long wave bands, but broadcasts from other continents are received on the better sets usually in a satisfactory manner. The 19 and 25 meters short wave band usually give the best

reception in this country.

Advertising—Although there is some income from radio advertising, the policy has been a moderate one, and radio advertising has not over-burdened the regular broadcasting program. Most of the commercial advertisements are offered with music or some kind of entertainment, and only a small number are in the form of advertising copy. Only 10 minutes of the daily program are devoted to radio advertising (5 minutes at noon and 5 minutes in the evening).

Number of sets 35,000.

Stations -3.

CANADA

General-At the end of the fiscal year, March 31.

1,104,207 receiving licenses were outstanding.

It is estimated that 76 per cent of all Canadian families own receivers. The fall and winter seasons are the principal selling periods for sets. New models are usually announced late in the summer. In the last 4 years 41 per cent of annual sales to dealers have been made during the last quarter and 32 per cent in the third quarter.

Principal factors which handicap radio sales include the relatively high cost of receivers in Canada as compared with prices in the United States, lack of local broadcasting services in some areas, and the language handicap in Quebec where most of the listeners prefer French lan-

guage programs.

Types of Sets—The design of sets sold conforms to that in the American market. The most popular that in the American market. The most popular sets are of 5 tubes, AC. Consoles of this class account for 7.5 per cent of the total sales, and mantel models 10.5 per cent. AC 6-tube consoles account for 7.2 per cent of the total and 8-tube consoles for 7.3 per cent. Up to 6-tube battery sets amounted to 24.8 per cent. Four tube AC sets have lost in favor to the larger chassis, but this size still leads in the battery set market. All types and sizes have appreciable sale, however.

Domestic Production-Twelve companies manufacture radio receivers in Canada and because of patent control and electrical inspection requirements, these firms dominate the market.

Patents-Since 1927 the more important Canadian radio patents have been under the control of a patent corporation known as Canadian Radio patent corporation known as Canadian Radio Patents Limited. This corporation, at 159 Bay Street, Toronto, originally took over for licensing purposes numerous patents formerly held by individual concerns. It has since acquired patents and rights on its own account and has rights under foreign patents as well.

Tariffs and Restrictions-Canadian tariff informa tion is subject to change and should be verified in advance of doing business in Canada. plete current information can be obtained on inquiry of the Bureau of Foreign and Domestic Commerce. Radio receivers and most component parts, including tubes, are dutiable under Tariff Item 445d which provides free entry under the British preferential rate, 25 per cent ad valorem under the intermediate rate, and 30 per cent under the general tariff.

Television-This development is definitely in the experimental stage in the Dominion and its early Television practical application is discounted. presents a difficult geographic problem in Canada and as yet no concern has been inclined to provide television broadcasts because of the indeterminate nature of technical developments and the lack of a concentrated population area large enough to warrant the installation expense.

Short Wave-Canadian broadcasting on the short wave bands is chiefly confined to commercial and police work, aside from a few stations which release standard band programs on the short wave and the Broadcasting Corporation's regular sta-tions which provide free messenger service to remote northern areas, not covered by commercial line wire service.

Broadcasting-Under the Canadian Radio Broadcasting Act, 1936, the Canadian Rando asting Corporation on November 2, 1936, took over Government operation of the national broadcasting service and the control of all radio programs from the former Canadian Broadcasting Commission. Technical control of broadcasting stations reverted to the Department of Transport under the Radiotelegraph Act. The Government-owned corporation is headed by a board of 9 honorary governors and a general manager in charge of operations. The legislation charges the corporation to carry on broadcasting Canada and authorizes it to establish, maintain and operate stations, to acquire or make operat-

ing agreements with private stations, produce programs, and otherwise function as a government broadcasting agency. The legislation en-visages gradual extension of public ownership of radio in Canada and enlargement of coverage consistent with Federal finances. The principal difference between the Corporation and the Canadin Radio Broadcasting Commission which it replaced is that under the Commission authority to act in matters of policy and administration were combined in one body, whereas in the Canadian Broadcasting Corporation the board of governors will deal with questions of policy and administrative matters will be conducted sepa-rately. Broadcasting is considered a business controlled by a public service type of corpora-tion (Government-owned) rather than an activity under an administrative governmental organizathrough the Minister of Transport. Operations are financed by license fees for receiving and broadcasting sets and by revenue from commer-cial radio business. Further, the Act provides that by order-in-council up to \$500,000 may be borrowed from the government for the extension or improvement of broadcasting facilities. In addition, working capital not to exceed \$100,000 may be advanced by order-in-council.

In March 1934 a Parliamentary inquiry into the operations of the Radio Commission sug-gested "that, pending nationalization of all stations, greater cooperation should be established between privately-owned stations and the Commission," and that for the present the legislation which established the Commission be extended. A second Parliamentary committee of inquiry, appointed in 1936, was the basis of legislation which established broadcasting under control of government-owned corporation. In 1938 House of Commons committee reported favorably upon the results secured under the operation of the Canadian Broadcasting Corporation.

Licenses for broadcasting are issued by the Department of Transport after the application has been referred to the Corporation for recommendation. The new radio law also specifies that the Minister of Transport will receive recommendations from the Broadcasting Corporation in connection with new private licenses, change of channel, location or power,

Programs-Effort has also been made to build up Canadian radio talent and develop creative program writers. Canadian programs on exchange with United States stations have become increasingly popular and highly satisfactory exchange relationships exist between the Corporation and United States broadcasting systems,

Canadian broadcasting cannot hope to escape keen competition for listeners' attention from United States stations which are readily picked up in most areas of the Dominion. In meeting this competition programs are prepared to in-corporate viewpoints and preferences in agree-ment with Canadian ideas and ideals. Effort is also made to avoid the more objectionable advertising features of commercially-sponsored broadcasting.

Advertising- Station time is usually sold through advertising agencies and rates vary according to the time of broadcasting and the coverage offered hy individual stations. The advertising content of any program is limited to 10 per cent of the program period and specific regulations cover permissible material in advertising continuities.

Transcriptions - The use of transcriptions is generally prohibited between 7:30 and 1:00 p.m., but at other hours they are extensively employed by broadcasting stations.

Special recording apparatus of the Marconi-Stille type has been installed in the Broadcasting Corporation's station at Ottawa for recording important events for rebroadcasting at later dates. Special short wave receiving apparatus is located at Ottawa for recording or standard band release of overseas programs.

According to law, an annual license (see \$2.50)

must be obtained each fiscal year (April 1 to March 31) for radio receivers. One license is good for only one receivers. One license is good for only one receiver in a single household; a separate license being necessary for each additional set in a household and also for an automobile set operated by the householder. No rebate is provided for sets destroyed or retired from use but a license may be transferred to cover a new set bought during the year. Tourists temporarily in Canada are not taxed on their automobile radios. Receiving station licenses are issued to blind persons free of charge.

Sets in use---1.104.207.

Stations-87.

#

CHILE

General—The Chilean market is largely dominated by American manufacturers whose standard practice is to appoint a distributor in Chile, who in turn appoints local retail dealers throughout the Republic. It is estimated that the total number of receiving sets in operation in Chile at the beginning of 1938 was between 75,000 and 80,000. This represents a steady increase from 1935, when the number was estimated at approximately 50,000 sets.

Sources of Supply—The United States supplied 97 per cent (by value) of Chilean imports of receivers and sets in 1934; 88 per cent in 1935, and 89 per cent in 1936; 88, 36 and 100 per cent respectively, of the transmission apparatus and 59, 70 and 81 per cent, respectively, of the radio tubes.

Manufacture—A large American radio manufacturer established a branch assembly and manufacturing plant late in 1936. Production in 1937 is estimated at 8,000 sets, mostly 4 and 5 tube models. Outside of this one manufacturer, no industry may be said to exist, although a few sets are locally assembled by radio dealers.

Patents and Trade Marks -There is no patent interference with the manufacture or sale of American sets and tubes in Chile. Sufficient protection both for patents and trade marks is available under Chilean law. The law is specific and providing that the manufacturer is careful to comply with it, there is little danger of infraction.

with it, there is little danger of infraction.

Television—There have been no developments.

Short Wave—Two stations, CB15 and CB960, both

short Wave - Two stations, CB15 and CB360, not in Santiago, are short wave and another is in the course of construction. Atmospheric changes, the barrier of the Andes, and other factors strongly affect the receiving of short wave programs. The 49 meter band is oftentimes too noisy for stations outside of South America, while the 31 meter band is very crowded. The best American station in the latter group formerly lost much by the London and Berlin broadcasts, but considerable improvement was noticed in both the case of Schenectady and Pittsburgh during the early months of 1938.

Broadcasting -There are 66 broadcasting stations in Chile, of which 59 are in operation, 6 under construction, and 1 under reconstruction. The foregoing represents an increase of 8 stations during 1937. Five stations are listed at 5,0000 watts

and 1 at 10,000 watts.

Programs—Phonograph records are still depended upon to a great extent for programs. This type of entertainment is accepted with good grace by the Chilean public, as it definitely prefers good music from records to poor music executed by mediocre talent. Occasional lectures, skits and daily news broadcasts about complete the picture. Advertising—Radio advertising is still in its initial

Advertising—Radio advertising is still in its initial stages in Chile and has yet to be placed on a sound commercial basis. Rates are definitely subject to bargaining...

Transcriptions—The use of transcriptions is practically unknown in Chile, although one station made an arrangement to use the library service of an American broadcasting system some months ago.

Regulations—Broadcasting stations are divided into two categories. Those of the first category must have a power equal to or greater than 1,000 watts and must have wave lengths included between 300 and 545 meters, those in the same zone to be separated by a frequency of not less than 20 kilocycles. Those of the second category must have a power of not less than 100 watts and are to have wave lengths between 200 and 300 meters, 220 meters being reserved for movable maritime services.

Sets in use—80,000. Stations—57.



COSTA RICA

General—Radio reception is best in Costa Rica during the dry season, as considerable atmospheric disturbances are generated during the period. Reception is generally inferior along the hot, low coastal regions, but uniformly satisfactory anywhere in the Central Plateau region. Principal world stations are distinctly heard under normal conditions. In 1936 1.740 sets were sold in Costa Rica, and the 1937 total was about 2,000. The total number of sets in use is estimated by the Government Department of Radios at 10,000, and by local dealers at 12,000 to 15,000.

Sources of Supply—About 90 per cent of the sets imported are from the United States. Foreign competition is represented principally by the Dutch Philips and German Telefunken sets. The Telefunken agent is said to be preparing a strong sales drive during the coming year. Both European lines range higher in price than American.

Patents-There is no patent interference with sales.

Tariffs and Restrictions—The basic duty on radio sets and apparatus is 1 colon per gross kilogram, plus a 4 per cent consular surcharge on this duty and an additional tax of 2½ centavos per gross kilogram. There is also a general surtax of 2 per cent or 5 per cent of import duty according to the port of entry. There are no import quotas, and exchange is freely obtainable.

Short Wave Three commercial stations in Costa Rica broadcast on short waves. All receiving sets should be equipped for short wave since foreign stations cannot be heard on the broadcast band. Reception from all principal world stations is generally good in late afternoon and evening during the dry season. In the wet season atmospheric interference is met with. During the forenoon the best reception is heard at about 18 m.c., in the afternoon 15 m.c., and at night, 9 and 12 m.c.

Programs—All stations operate by agreement between the hours of 6 a.m. and 1 p.m. and from 2 p.m. to 11 p.m.

Programs are almost entirely phonograph discs of dance and folk music, with miscellaneous advertising talks interspersed. The Spanish language is invariably used, American dance music and theme music is very popular, especially when first heard at moving picture theatres.

Advertising—A great deal of advertising is done by all the stations listed.

A flat rate of \$10.00 (U. S. currency) for

A flat rate of \$10.00 (U. S. currency) for regular commercial advertising, to be repeated "several times each day," the exact number of times not stated.

Number of sets -10,000. Stations -30.

CUBA

General—The importation of radio products is handled almost entirely through the Port of Habana, which is easily the most important center of demand. It is estimated that during the sugargrinding season from January to May, 60 to 75 per cent of the entire sales of sets are made in Habana as against 25 to 40 per cent in the interior centers. During the so-called "dead season," sales in the latter drop to about 15 to 20 per cent of the total. The more important interior centers of demand are Santiago de Cuba, Camaguey, Santa Clara, and Cleinfuegos. Manufacturers in the United States as a rule appoint an importing distributor in Habana, with exclusive franchise.

Demand for Sets—Various estimates of the number of sets in use range from 100,000 to as high as 250,000 sets. Inasmuch as manufacturers in the United States have supplied most of the radio sets and components shipped to Cuba, United States exports are a reasonably accurate measure of the market. The 1937 sales are considered to have approximated 41,000 new sets. The largest volume of sales, probably 75 per cent of the total, is composed of table-model all-wave sets of 5 to 7 tubes.

Sources of Supply—U. S. manufacturers supply most of the radio products sold in Cuba. According to Cuban export statistics, of a total of 1,208,372 pesos worth of radio apparatus shipped to the Island, American sources provided 1,165.082 pesos worth. The only trade of any importance from other countries consists of sets from the Netherlands.

Patents-There is no patent interference with the sale of American sets and tubes.

Short Wave—Short wave sets are so popular in Cuba that there is no demand whatever for sets with broadcast wave only. Reception of short wave broadcasts from the United States and European countries is only partially satisfactory, extreme fading being the principal difficulty.

In general the quality of American radio programs and their superiority over domestic broadcasts are well recognized. It is believed, however, that the majority of listeners prefer to tune in on their local stations and that re-broadcasts in Cuba of foreign programs have very much more chance of being listened to, than have the same programs by direct tuning. That announcement rebroadcast locally are in Spanish, and that tuning is easier, with less interference and fading are the principal reasons. There has been a notable reduction in interference between American and European stations.

Broadcasting—A reallocation of November 1, 1938, under a decree of October 24, greatly revises the frequencies on which Cuban stations are operating. The power designation, "100-200 watts" is not explained as to whether stations are to be assigned a specific power rating at a later date or are to broadcast with the reduced power at night.

Programs—Operators of Cuban stations claim that Cubans prefer local stations to foreign, and that there is a strong liking for so-called "typical music" such as rumbas and other native forms. Many American programs, especially musical, are well liked, especially if obtainable through Cuban stations. Increasing facilities for such rebroadcasts are being made available by American systems. This is considered an important factor in improving the general character of programs.

Advertising.—Broadcast time charges range from \$5 to \$50 an hour. Considerable use is made of 35-word announcements, generally broadcast at program breaks and especially just preceding popular programs. Announcements may consume as much as 15 minutes time before the new program starts. Rates are subject to discounts for

contracts. In general, rates are so low that large volume is necessary for stations to operate profitably. There is only a comparatively small amount of use of transcriptions.

Sets in use-200,000.

Stations-82.



DENMARK

General Most Danish radio manufacturers are also wholesalers and it is estimated that about 50 per cent of the production is sold direct by the manufacturers to the retailers, while the other 50 per cent is sold through wholesalers. There are approximately 1,000 retailers, of whom some 50 to 100 are important and are estimated to account for 50 per cent of the sales.

A total of 746,864 sets were registered as of June 31, 1938, as compared with 686,640 on the same dae of the preceding year, a gain of some 60,000 sets, or about 9 per cent. Total sales are estimated by the trade to approximate 90,000 sets a year. Most of the sales are for the re-

placement of old sets.

Sources of Supply—The domestic industry, comprising 9 manufacturers of importance, of whom 7 are Danish and 2 branch plants (Philips and Telefunken) satisfy practically the entire demand. The only imported set of any importance is the Italian Marconi. Only chassis are imported, cabinets being made locally. Makes enjoying the best sale are Philips, To-R, Telefunken, B. & O., Telavox, Neutrofon, Superfon, Tik, Unica, and Marconi. Very few, if any, American sets are sold in this market. Prospects were very good for American sets until the establishment of governmental control over imports, since which practically no permits have been issued for American sets.

Patents—Tube patents are controlled by Philips, and the local office is active in asserting rights possessed or claimed.

Tariffs and Restrictions—The duty rate on radios and loudspeakers as well as parts and accessories is 20 per cent ad valorem. Imported sets with tubes pay in addition 1.50 crowns for each tube. Tubes imported alone are also assessed 1.50 crowns each.

Imports of nearly all kinds of merchandise are controlled by the official Foreign Exchange Control Board, import licenses issued by the board being required before goods are permitted entry. Because of the pressure exercised by the two countries that are the largest purchasers of Danish exports, Germany and the United Kingdom, Denmark is compelled to import from these countries to the greatest possible extent. As a consequence import permits are granted rather freely for goods originating in those countries. This operates to the disadvantage of American trade.

Short Wave—Short wave reception is popular locally and practically all sets sold during the past two years are equipped to receive on short wave. Best reception is on the 19 and 25 meter bands. Local short wave broadcasting has been limited to a single wave of 31.51 meters, and has been the subject of considerable criticism, owing to poor reception, especially in the United States. Experiments are being made in revising the aerial and in use of 19.78 and 16.90 meter waves.

Advertising-Prohibited.

Regulations—The government, on account of the monopoly, does not permit others to broadcast. Regulations governing amateurs are given in a ministerial decree of March 27, 1935. Receiving licenses costing 10 crowns per year are required.

Sets in use-751,744.

Stations-3.

DOMINICAN REPURLIC

General-It is estimated that there are between 4,000 and 4,500 sets in use. Import statistics give the only accurate indication of annual sales. The demand is increasing from year to year, especially for small sets capable of receiv-ing Cuba and Puerto Rico. With increasingly better programs from local stations, use of these small and inexpensive sets will be greater among the class of people in the lower income brackets. Radio sets generally in demand are of 5 and 6 tubes, and priced generally between \$50 and \$75.

Sources of Supply—Radio sets, tubes, and parts come principally from the United States. Since there is no domestic production, import statistics are a satisfactory guide as to the sources.

Patents No interference with sales.

Tariffs and Restrictions—By the law of Internal Revenue No. 854 of March 13, 1935, a sales, use, and consumption tax of 30 per cent ad valorem is imposed on radio sets imported into the Do-minican Republic. No sales or exchange restric-tions exist. There is a charge of 50 cents im posed annually on owners and operators of receiving sets.

Short Waves-Radio sets now imported are usually all-wave. A majority of the people prefer for-eign programs. The stations holding most in-terest for Dominicans are: Schenectady, Pitts-burgh, Boston, London, Berlin, and Habana. In general wave lengths of 13, 14, and 19 meters are more favorable during the day from November to April. At night all year 25, 31, and 49 meters

are favorable, especially during the winter.

Programs—Programs of Dominican stations are general in nature, but have not been highly de-

veloped artistically.

Advertising -- Advertising rates are subject to alteration according to the type and length of pro-

grams which may be accepted.

Transcriptions-Transcribed programs are being used by 2 or 3 American firms at the present Difficulties encountered here have been limitations as to time allotment. The American firms using transcribed programs prefer evening hours, but this is not the most advantageous time because reception in the evening is more likely to be of foreign stations. In general Dominican to be of foreign stations. ... Senting stations are anxious to make contact with prosperity advertisers by transcriptions. Turnpective advertisers by transcriptions. tables are all 33 r.p.m.

Sets in use-4,500. Stations- 28.



ECUADOR

General--Sets in use are estimated at about 6,000. Of this number, about 2.750 are in Guayaquil, and most of the remainder in Quito. Total sales for the year 1937 are estimated to have been about \$44,000. As stocks are not maintained to any extent, sales approximate importations. The type of set most popular in Ecuador is a 6 to 8 tube table model retailing at from 1,300 to 1,500 sucres (\$99 to \$102).

Sources of Supply The United States occupies a dominating position in the Ecuadorian radio market and is now supplying about 75 per cent of the receivers and 90 per cent of the parts and accessories imported. Twelve American set manufacturers are at present actively represented in this market by distributor agents and several additional makes are represented less actively. Sales of the leading American make constitute about 60 per cent of the total set business.

Patents-No sales interference has arisen.

Tariffs and Restrictions-Radio receivers, parts, accessories, and radio merchandise in general are classified under Article 1158 of the recentlyrevised Ecuadoran customs tariff and are subject to an import duty of 40 per cent ad valorem. Merchandise from the United States under this classification enjoys a preferential reduction of 30 per cent of the amount of the basic duty, under the terms of a modus viveudi. Similar merchandise from Germany, Brazil, Belgium, Chile, Czechoslovakia, Netherlands, and France also re-

ceiving the same preferential traiff reduction. Short Wave Short wave reception has been grow ing in popularity and at present six Ecuadoran stations broadcast on these bands. Foreign stations most frequently heard are Colombian, German, British, American, Peruvian, and French,

respectively.

Broadcasting- -All broadcasting stations in Ecuador are independent. Most are commercial, although two stations, in Quito and Guayaquil, are concerned primarily with missionary activities con-

ducted by means of radio.

Programs- No material improvements has been manifest in the quality of programs broadcast from Ecuadoran stations, which programs consist largely of recorded music broken by intervals of advertising. Although to the American mind these programs are almost totally devoid of interest, they are well accepted locally.

Advertising—The demand for time for radio adver-

tising is growing rapidly in Ecuador, but rates remain far below those customary in the United

States

Regulations-Decree No. 166 of May 12, 1937, provides that non-commercial stations broadcasting publicity for Ecuador are exempt from a tax ng pannenty for Echagot are exempt from a tax generally applied on transmitters, amounting to 1 sucre per watt, imposed by Article 29 of the Stamp Tax Law of February 13, 1936. Sets in use 6,000. Stations—24.



EGYPT

General-In the 12 months ended June 1, 1937. 70,000 sets in use. Estimates indicate that about 65 per cent of the licensees are Egyptian.

Sources of Supply—The most serious competitor to American Equipment is Philips, followed by British, German and Hungarian makes. Some progress was made by a Belgian make (Radio-Bell) recently introduced on account of its close

resemblance to American models.

Apart from a few expensive sets and radio parts purchased by Egyptian State Broadcasting, the United Kingdom occupies the third place as radio supplier, largely because of sales to the British troops stationed in Egypt and to British residents. A favorable trend towards buying British products has also developed among Egyptian prospects due to the efforts of British exporters who are giving more consideration to the possibilities offered by this market since the ratification of the Anglo-Egyptian treaty.

Patents—The patent situation has not offered any

difficulty in the sale of American radio equipment. Tariffs and Trade Restrictions Under paragraph

785 of the Egyptian Tariff, wireless telephone and telegraph apparatus is assessed 12 per cent and telegraph apparatus is assessed 12 per cent ad valorem, on substantially the c.i.f. value. A quay tax of 1/10 of the duty is added, as well as an import tax of 3 per cent ad valorem. Radios individually imported are treated as ordinary merchandise with the exception that the

customs authorities keep a record of the destination of the radio as check upon the payment of the annual license fees.

Short Wave-The "British Empire Program," as well as several European and American stations stimulate the demand for short wave sets which

is steadily increasing.

Broadcasting-Egyptian State Broadcasting, through the Marconi Wireless Telegraph Company Ltd. of London, now operates all broadcasting. The concession, to operate as agents for the Egyptian government, receiving 60 per cent of the listener's license fees. The main studios are in Cairo in a specially constructed building.

Advertising--None.

Regulations-The Marconi concession constitutes the regulations governing broadcasting. Dealers are required to report all sales of radio with the identity of the purchasers. An annual receiving set tax is applied, amounting to 80 plastres (\$4) plus 5 piastres (25c) per tube. Antagonism to this taxation is general.

Sets in use-70,000.

Stations-5

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FRANCE

General-On Sept. 30, 1938, 4,548,293 receiving licenses were outstanding, representing an increase of 621,391 during the preceding 15 months. The increase has continued, according to estimates, but no authoritative estimate exists as to the number of sets now in use. The French are inclined to consider radio more of a luxury than a necessity, which somewhat retards the market, but the general rate of sales is good. There is a distinct winter peak.

Sources of Supply-Radio imports are chiefly from the United States and the Netherlands, with some competition from Germany and the United Kingdom. The French industry accepts the fact that American design and technical practices are about 2 years ahead of the best they have been able to do in France, and adjusts its production. both as to price class and quantity, accordingly. The French radio industry is fairly large. Its principal drawback is its inability to finance frequent changes of equipment that would permit producing competitive sets in the more profitable classes.

Tariffs and Restrictions---Radio sets when imported into France pay an ad valorem duty of 22.6 per cent, plus the 8 per cent tax levied on all finished products entering France, and are sub-ject to an import quota, the annual allotment to the United States being 4,000 metric quintals. Tubes are also under quota, the annual allot-ment to the United States being 429 metric quintals; the import duty levied being 12.30 per cent ad valorem, plus the 8 per cent tax levied on finished products.

Television-France is one of the leading countries in television experiment, and experimental transmissions have been made since April, 1935. The transmitter has been in the Eiffel Tower since November of that year, and has just been re-placed by improved equipment. The antenna placed by improved equipment. The amenia projects above the flagpole on top of the tower. The transmitter has a peak power of 30,000 watts, fully modulated, at the feeder of the antenna and is capable of transmitting television images having a definition of 400 lines. The transmitter is connected with studios in the Post

transmitter is connected with studios in the Post Office building and in the Exposition, through coaxial cable.

Broadcasting—French broadcasting stations are of two categories, government and private. The Government stations are operated by the Ministry of Posts, Telegraphs, and Telephones, and are supported by the proceeds of license fees, while the private stations are operated on a basis somewhat similar to that in the United States.

States.

Advertising-The Government stations broadcast advertising. However, advertising con-stitutes the principal means of revenue for the private stations, in which they have been suffi-ciently successful that income from this source is now subject to a special tax. Chain broadcasting has been started by only one group, "Radio Information," made up of Radio Mediterranuee. Poste de l'Isle de France, Radio Toulouse, Radio Bordeaux Sud Este and Radio Enghien, the two last being interconnected.

There are two methods of advertising, "communique publicitaire" and "concerts patronees." The former consists of series of advertising transcriptions, usually involving musical interludes, The second classification refers to sponsored programs, which are in almost every case of 15-minute length. Besides the usual French advertising, there is a growing industry in English publicity, especially for trans-channel reception. The most popular hours for this are 8 to 9 a.m., 12 to 2 p.m., and after 5 p.m. The largest users of radio advertising are manufacturers and dealers in foods, household equipment, and similar products.

Sets in Use-3.916.902. Stations-26.



FRENCH MOROCCO

General-According to the Protectorate's Department of Posts, Telegraphs, and Telephones, there were 34,240 licensed sets in use in French Mo-rocco at the beginning of 1938, an increase of 1/6 over the 29,448 sets at the beginning of the preceding year. Local dealers estimate sales durpreceding year. preceding year. Local dealers estimate sales uning 1937 at 5,000 to 5,500 sets, most of which, according to them, consisted of small-powered sets of European manufacture. Prior to the devaluations of 1937 and 1938, American makes led the market, but at present the leading make is Philips, with French makes as close competitors. The chief demand is for small and inexpensive sets, which is being met principally by the Dutch

and French manufacture.

According to dealers, the most popular types of radios are: European 5 and 6 tube sets, American 7 to 9 tube, all-wave table models.

Sources of Supply-The principal sources of supply of radio equipment are at present, in order of importance, the Netherlands, France, and Germany.

Patents—No interference with radio sales.

Tariffs and Restrictions-There are no sales taxes, import, sales, or exchange restrictions.

Short Wave-Standard broadcast wave lengths are more frequently listened to in French Morocco than short waves, inasmuch as the local station and most French stations on the middle band are receivable. The short wavelengths most used are 6, 9, 12, and 16 megacycle bands.

Broadcasting—The only station in French Morocco is Radio-Marco, at Rabat, operated by the Protectorate government. The wavelength is 499 meters and frequency 601 k.c., the nominal power, seldom fully used, being 25,000 wats. The government has restricted all broadcasting service to this station.

Advertising -Advertising was discontinued July I, 1938.

Regulations-The Protectorate government maintains a monopoly on broadcasting and does not permit the importation of radio transmitting equipment except for licensed amateurs. There are no restrictions governing the importation, sale, ownership, licensing, and use of receiving equipment except an annual license fee of 50 francs.

Sets in use-34,320. Stations-1.

GERMANY

General-Listeners are increasing at the rate of about 1,000,000 a year, a rate that has maintained since 1934. Domestic sales from 1934 to 1937 totalled, respectively, 1,750,000, 1,440,000, 1,310,-000, and 1.560,000 sets. Total production in each year exceeded sales by about 100,000. The number of sets in use in Austria as of July 1, 1938, was about 620,000, approximately 92 per 1,000 population, while in the "old" Reich in May. 1938, there were sets in 55 per cent of the homes. The average annual increase in registrations from 1928 to 1932 was 418,000, and 1933 to 1937 956,000. The largest sales come in the fourth quarter, though for the Volksempfaenger the heaviest sale is in December. The increases in registrations continues until about Easter.

Sources of Supply-There is no market in Germany for imported radio equipment. Patent exchange agreements reserve the German market for German manufacturers. Under prevailing import and exchange regulations it is impossible for an American exporter to sell in Germany.

As a result of a patent dispute, however, an agreement was reached between Telefunken. principal patent holder in Germany, and Philips of the Netherlands, whereby the latter was licensed to do business in Germany. By the same agreement, Philips allows a certain amount of German participation in the Dutch market, including East

and West Indian possessions.

Domestic Production-The number of German radio manufacturers has been limited by decree of the Minister of Economies to 28 companies. After the incorporation of Austria the total was increased to 33 with the inclusion of 5 Austrian manufacturers. A cartel regulates prices and discounts. Of the entire production 92.5 per cent by number and 89 per cent by value is accounted for by domestic sales.

Patents -German radio patents are controlled by Telefunken which also holds the rights in several other European countries. The company's position in Germany appears to be unassailable.

Tariffs and Restrictions—In general imports from the United States are restricted to those products considered essential, which cannot be obtained locally or from countries having clearing agreements with Germany. Permits from the foreign exchange control authorities for all imports and for all exchange transactions, are required.

Television- Germany was one of the first, and for a long time one of the foremost countries in the world to bring television to its people. For several years there has been one central sender and one relief station handling programs three times a week and a number of other transmitters are planned. Although announced some time ago, however, these have not yet been built. The station in operation uses intermediate film, 441 lines, 25 frames per second. Direct scanning is also sometimes used. A speed truck operating in Berlin picks up events and transmits them by either method, principally by film. Accompanying sound is recorded on steel tape by the magnetic method.

Television patents are under the same control

as those for other radio apparatus.

Some manufacturers claim to produce television receivers at less than 500 marks, but purchase of such receivers is difficult. The Post Office is in charge of television developments and is making constant experiments. Although extensive prog-ress has been claimed, little of this has been reflected in either private receivers or transmissions, indicating that the reported progress is probably more in the field of military develop ments.

Public television service in Berlin was announced for October, 1938, but has been postponed indefinitely, because of labor shortage and

other considerations.

At the recent Radio Show, table television sets were exhibited with a frame size of 17 x 20 cm., which are intended as supplementary apparatus to regular radio receivers. Small television sets have been developed which incorporate both television and sound or sound only. The frames in these are very small. There are also receivers projecting pictures on a screen by means of the Braun'sche tube, giving 40 x 50 cm. views. So far regular production of television sets has not been under-

ratem. Facsimile German facsimile service is carried on by cable within Europe and by radio with oversea countries. There are direct wireless connections between Nauen, the German facsimile station, and New York, Buenos Aires, and Bangkok. Siemens and Halske have developed a box set for newspaper reporters to enable them to send pictures from any postoffice wherever they are. This apparatus was tried out for the first time at the winter Olympic Gaines at Germisch-Partenkirchen. German newspapers and commercial circles are already making great use of the facsimile service, particularly for transmission within Europe.

Short Wave Interest in short wave reception is high, and most important world stations may be received. The Zeesen transmitters, located north of Berlin, are among the most ambitious installations in the world for this purpose, and have a world-wide coverage through their several direc-

tional beams. Broadcasting—Broadcasting is under Government control, and all stations belong to the Post Office Department. The Government-owned corporation Reichsrundfunk Gesellschaft, under the Ministry of Public Enlightenment and Propaganda, operates the stations. The short waves transmitters total

Programs-Since the programs are prepared by a Government agency, strict consorship is applied.

Advertising-Nonc.

Transcriptions-There is a considerable use of various types of recordings, but all those used are

made within the broadcasting organizations.

Regulations—The operation of both receiving sets and of broadcasting equipment, with the exception of military radio, is under the control of the Government through the Ministry of Posts.

Sets in use--11,000,000.

Stations-35.



GREECE

General-Athens and Piraeus being the principal sales areas for radios in Greece, it is customary to cover the entire country by means of an exclusive distributor located in Athens. statistics are not available, but about 23,000 sets of all types are now estimated in use throughout the country. Of these, no less than 70 per cent are believed to be in the Athens-Piraeus area.

The type of radio now in general demand in Greece is all-wave, covering frequencies from 22 megacycles to 140 kilocycles.

Sources of Supply -Fully 75 per cent of the radios sold in Greece are of American manufacture and all the better known American makes are repre-Among the foreign makes sold, Philips and Telefunken are the only sets worth mentioning, sales of all other makes being negligible. American sets enjoy a high reputation.

Patents -No interference with sales has occurred

from patent claims.

Tariffs and Restrictions Radio receiving sets and parts are subject to an ad valorem import duty of 20 per cent, calculated on the certified c.i.f. cost price. In addition there are various import surfaxes totalling 75 per cent of the basic duty and a 3 per cent excise tax calculated on the landed cost plus duties,

Amateurs The possession and use of radio transmitting equipment by private individuals was recently prohibited in Greece. At present there are only 3 amateur radio transmitters in service, these being covered by special license. Their call letters are SVIKE, SVICA, and SVINK. All operate on the 14 megacycle band and are located in Athens.

Short Wave--Short wave reception is becoming increasingly popular in Greece on account of the satisfactory results obtained during the daytime from European stations. Short waves are an essential feature of almost all the sets sold in Greece at present. American short wave stations are heard only on the larger sets.

Programs from London, especially news bulle-tins are of keen interest to a large number of listeners, and PCJ in the Netherlands is also popular. The best results are obtained on the

12, 15, 16, and 22 megacycle bands.

Broadcasting After numerous delays and last minute postponements the Athens broadcasting station began to function about the middle of June, 1938. The station has a 15,000-watt Telefunken transmitter which operates on a frequency of 601 kc, 499 meters wavelength. The station has no call letters, but uses a characteristic of pastoral flute with goat bells in the background.

Advertising-Very little advertising has been done through the Athens station so far and the management of the station confesses to a complete

lack of organization in this respect,

Regulations-Owners are required to register their sets with the Ministry of Communications as soon as purchased and to notify the same Min-

Soon as purchased and to hoof, the same state is stry of any changes in ownership.

With the opening of the local broadcasting station radio owners have been called upon to pay the receiving licensee fee provided for by law, but never enforced.

Sets in use—23,000.

Stations-1



GUATEMALA

General-While sales in 1937 were considered very satisfactory and showed some gain in the total number of units, the increase was much less

marked than in previous years.

The tax figure of 11,842 tax-paid sets is believed to be 10 to 20 per cent below the actual number. Of these, 8,718 were in the Province

of Guatemala.

Types of Sets-Owing to inadequate local broadcasting, small middle-band sets have not had any appreciable demand until the present year. inauguration of the powerful government-operated that guration of the powerful government-operated station in October, 1937, has helped to stimulate this trade somewhat. Practically all radio users demand all-wave sets with a minimum of 5 or 6 tubes. The principal sales are of 8 and 10 tube sets.

It is estimated that from 80 to 90 per cent of

the sales are table models.

Sources of Supply-The United States is by far the largest supplier of practically all types of radio equipment imported into Guatemala. At least 90 per cent of the broadcasting equipment, tubes, parts, and accessories, including antennas, amplifiers, etc., are from the United States.

Patents - Patents in no way interfere with the sale

of American sets or tubes.

Tariffs and Restrictions-Radio apparatus is assessed in the Guatemalan Tariff under the general grouping including telegraph, telephone, and television apparatus.

Amateurs-Amateurs are somewhat restrained by the necessity of obtaining a government permit to import transmitting apparatus, and only two are operating. Both are members of the technical staff of the government broadcasting station TGW, and transmit under the calls TG9AA and TG9AB.

Facsimile-Up to the present there has been no facsimile transmission of pictures and maps. Newspapers depend upon airmail for rapid transmis-

sion of photographs.

Short Waves -- The only short wave broadcasting in Guatemala is that of the government stations, TGWA, TGS, TG2X, TG2 and TGQA. Another short wave station is under construction and will be operated on the 49-meter band as TGWB.

Reception of short-wave broadcasting from the more powerful stations in all parts of the world

are generally heard satisfactorily in Guatemala. Programs Programs for the most part include musical numbers, though there has been an in-crease in the use of news and educational fea-Musical numbers are supplied by local bands and marimba orchestras, and transcriptions are also used.

Advertising-All of the broadcasting stations with the exception of TGC accept advertising.

Transcriptions—Only ordinary phonograph records have thus far been used in Guatemala. The new broadcasting station will, however, use electrical transcriptions.

Regulations-In addition to the regulations covering acceptance of advertising, the law establishing govacceptance of advertising, the law establishing government station TGW provides for receiving licenses and notification of change in ownership of receiver, applications and notices to be on 10-cent stamped paper, and that licenses are to be issued by Station TGW as the government licensing agency. Other provisions deal with broadcasting operations of TGW.

Sets in use---11,842.

Stations-10.



HAITI

General—It is estimated that 2,500 sets are in use in Haiti. The principal requirements of the Haitian market are for all-wave sets, both the climate and scarcity of local broadcasting giving short wave reception extra value.

Sources of Supply-Most of the receiving sets and tubes are imported from the U.S. The only foreign makers represented are Philips and Telefunken, which are reported to have sold 2 and 20 sets, respectively, during the past year.

Patents Patents have not interfered with sales of radio apparatus.

Tariffs and Restrictions---Radio receiving appliances, equipment, and parts are classified under para-graph 11033 of the Haitian customs tariff and pay duty of 30 per cent ad valorem, plus a surtax of 5 per cent of the duty. The trade agreement between Ifaiti and the United States provides that whenever the Haitian budget calls for expenditures of \$8,000,000 or more, the rate on this item is to be reduced to 15 per cent ad valorem. It does not appear that this will occur in the near future.

Short Wave Much interest is shown in foreign broadcasting, and as French is the official language of Haiti, programs from Paris are preferred by many. Reception of American and European stations is good. Some interference is

caused by European stations.

Programs -- Programs consist principally of phonograph records. Occasionally music is furnished by local talent.

Advertising Advertising is accepted by HH2S, HH3W, and HHW. Announcements are made HH3W. Announcements are made between the playing of phonograph records.

Transcriptions—Transcriptions are not used to any phonograph.

great extent because of the cost. Phonograph dealers exchange the use of records for ad time or mention of the source of the record.

Regulations -The Haitian radio law provides: All

forms of radio under the Department of Public Works; broadcasting stations must be licensed after approval by the Department of the Interior; operator must be licensed; receiving license fee 1 gourde per tube per year for private and 1.50 gourdes per tube per year in public places; broadcasting license fee 0.50 gourdes per watt

of output up to 500 watts, 0.75 gourdes over 500; operator license fee 15 gourdes per year, amateur license fee 5 gourdes per year, temporary amateur 3 gourdes per year. Secret ende among amateurs is prohibited.

Sets in use -- 2,500.

Stations 15.



HONDURAS

General—No official figures are available, but estimates by local dealers, however, place the number at between 15,000 and 16,000. Approximately 95 per cent of the receiving sets sold in this market are table models.

Sources of Supply—So far as transmitting equip-ment is concerned, only American products are to be found in this market. It is not thought that equipment from other countries has ever been imported for sale. In other branches there has been a small amount of competition, but none seriously limiting American sales.

Patents-There is no difficulty with regard to

Tariff and Restrictions---The Honduran Customs Tariff under item 2196 stipulates a duty of 0.75 larnii under nem 2170 supuracea a vary or on-lempira (38 cents) per gross kilogram on radio sets imported into the country. In addition to this there must be paid a surcharge amounting to about 10 per cent of the duty, as well as certain other small taxes amounting to fractions of a cent cach.

Short Wave-Sets without a short wave range are of very little value in Honduras. Radio dealers estimate that approximately 95 per cent of the programs received in this country come over short wave.

Broadcasting There are 3 broadcasting stations in Honduras.

Advertising All radio stations in the country broadcast advertising, which is believed to be the sole source of revenue for the station operators. There are no listeners licenses. Most of the advertisements broadcast consist of commercial announcements interspersed between numbers.

Sets in use-15,000. Stations-3.



HONG KONG

General-On July 31, 1938, there were 9,500 receiving licenses in force. The demand is increasing. Radio is becoming more and more popular in

Chinese tea houses, in shops and in the home. The demand from South China has been negligible since the outbreak of the Sino-Japanese hostilities. There have been heavy purchases by the Chinese Government but such sales have no bearing on the general market situations.

In 1937, only 55 per cent, by value, of Hong Kong's imports of radio apparatus and tubes were re-exported to South China and other nearby countries, as compared with approximately 80 per

cent in 1936.

Sources of Supply-In 1937, the United States assumed a dominant position as a supplier of radio equipment to Hong Kong, furnishing 75 per cent of the total value of imports in this category. It was followed by the United Kingdom with a share of 13 per cent, Holland with 5 per cent, Japan

with 3 per cent, and Germany with 1 per cent. Patents-No patent action has affected the sale of

American apparatus.

Tariffs and Trade Restrictions-No duty is assessed on radios or parts thereof imported into Hong Kong. No other restrictions exist.

Amateurs . The number of amateur transmitting stations has decreased since the beginning of 1936, and in August, 1938, there were only 14 amateur licenses in force. The demand from this source

for equipment continues insignificant.

Short Waves-Short wave reception is popular, and purchasers prefer this feature to be included in their sets. American programs are soldom received because of distance and lack of beam transmission, together with atmospheric interference.

Broadcasting-The broadcasting service in Hong Kong is maintained by the Government. There are no private broadcasting stations, and everything pertaining to radio traffic is Government-

controlled.

Transcriptions-Transcriptions play a large part in the local radio programs. All records are pur-

chased from dealers.

Regulations -A broadcast receiving license costs 12 dollars per year, while a dealer's license costs 50 dollars. All radio receiving sets are subject to inspection at any time on order of the Postmaster General, and the license may be cancelled at his discretion. Dealers are required to keep all stocks at a specified place, and are responsible for any misuse of merchandise. They are required to maintain a register of sales.

Sets in use-9,500.

Stations--3.



HUNGARY

General About 365,000 sets are in use. There are about 540 radio dealers, but only about 50 are important. Six Budapest wholesalers handle about all of the trade.

Types of Sets -According to official records, on December 31, 1936, there were in use in Hungary 73,512 crystal sets, 11,754 1-tube, 132,259 2-tube, 107,031 3-tube, 27,072 4-tube, 9,759 5-tube, and 3,957 6 tube and larger. About 85 per cent of the tube sets are socket-power. Crystal and 1-tube sets are rapidly decreasing, while larger sets are increasing in use. The low purchasing power of the public limits the demand to low and medium priced sets.

Sources of Supply-The domestic industry supplies practically all the receiving sets and tubes used in Hungary, except auto sets and military transmitters, both of which come from Germany.

Patents - There has been no interference from patents in the sale of American radio goods.

Tariffs and Restrictions-The import duty on radio sets is 800 gold crowns per 220 pounds.

Television-No developments. Facsimile-No developments.

Short Wave—The better grades of sets manufac-tured in Hungary have both the short and long wave bands, in addition to the broadcast. Results appear to be good on all short wave bands including the 49 and 15.

Broadcasting—Broadcasting is a Government mo-nopoly, supervised by the Royal Hungarian Postal Department. The service is under lease to the Hungarian Telephone News Service and Radio

There are two experimental short wave stations at Szekesvehervar operating with 6.000 watts.

In addition there are 59 other transmitters, 6 heing on airplanes, 7 on steamers, and 46 in public service and in scientific institutions.

Programs—Budapest broadcasts daily from 6:45 a.m. to 12:10 a.m., and Budapest II from 5 to 10 p.m. The relay stations usually take programs from 1, but occasionally from 11. HAS3 is on the air Sundays from 3 to 4 p.m., and HAT4 Wednesdays and Thursdays 1 to 2 a.m. and Saturdays and Sundays 12 to 1 a.m.

Advertising-No advertising is broadcast.

Regulations-Regulations are now being prepared by the Royal Hungarian Postal Department. Sets in use 400,000.

Stations---7

IRELAND

General---There is a good demand for radio sets in Ireland, and the market is steadily expanding. The greatest demand occurs between December and March. In addition to the usual seasonal effects, this period finds the agricultural com-munity, which forms fully two-thirds of the population of the country, in possession of the greatest amount of cash.

According to official figures, there were 112,000 licensed receiving sets in the country December 31, 1937, compared with 104,000 a year previously. No accurate information is available as to the number of sets sold annually, but it is esti-

mated to be in the neighborhood of 30,000.

Sources of Supply—The majority of the sets sold are British, the Netherlands and the United States each furnishing about 10 per cent of the imports. Patents- No patent activities have interfered with

radio sales.

Tariffs and Restrictions-A duty of 50 per cent ad valorem is imposed on all radio sets imported into Ireland. Parts and Accessories are dutiable at 25 per cent ad valorem, with the exception of cabinets, which are assessed at 50 per cent. There is no preferential rate for British products.

Amateurs The total number of licensed amateurs is about 35.

Short Wave. There is no Irish short wave broadcasting. American and European short wave stations are received regularly.

Broadcasting Broadcasting is a Government monopoly, under the Department of Posts and Tele-

graphs.

All programs are originated at the Dub-Programs lin studios and transmitted simultaneously by all three stations. The local programs are designed to have a distinctive flavor. Broadcasts to schools are given for one-half hour daily, except Satur-Sundays, and holidays.

Advertising-Sponsored programs have been tried out, but the Government does not encourage

Transcriptions -- Records are broadcast approximately 11 hours weekly. Advertising transcriptions are not used

Regulations - The stations being Government-owned, no regulations have been adopted for their operation, other than the international and European conventions to which Ireland is signatory. ceiving licenses are required, costing 10 shillings annually.

Sets in use--112,000.

Stations 3.



ITALY

General. The number of radio subscribers in Italy at present is about 900,000. The number of sets sold during 1937 is estimated to be about 180,000. Sales during 1938 are expected to reach 200,000 sets. Sales are particularly of a seasonal character, being at the highest point in winter and at the lowest in summer. The type of set having the largest sale is the superheterodyne having 5 tubes

Sources of Supply-The domestic industry provides now for the entire requirements of radio sets and material. The total import quota of tubes for 1938 is set at 131,576 units of which the United States is allotted 70,000, or 53.2 per cent of the total.

Patents—Some of the more important Italian firms

have patent agreements with American, German, Dutch and other companies. The question is not

at present active.

Tariffs and Trade Restrictions Imports of radio sets and tubes are subject to license by the Ministry of Communications. When the import license has been obtained the Ministry for For-eign Trade and Exchange grants the necessary foreign exchange.

Television-Rome and Milan will soon have television transmitting stations with 441 lines of analysis or 28 whole pictures. These stations will be manufactured in Italy as regards the transmitter, while the analyser will be imported. How-ever, an Italian company has been devoting itself for years to the problem of television and has its own systems and patents also as concerns the analysis of the picture.

Amateurs- There is in Italy an association of radio amateurs-ARI. However, as licenses for amateur transmitting are obtainable with great difficulty,

their number is very small.

Facsimile - For the wire transmission of photographs 5 plants are installed for newspapers, all supplied by foreign firms. So far the domestic industry has not manufactured equipments for this applica

tion. Short Wave -The interest in short wave transmission has been considerable so that the type of set most in demand, the 5-tube superheterodyne, has the three bands for long, medium and short waves, and the higher price sets have the short waves divided into two or more bands.

Advertising -- Advertising has been eliminated in broadcasting. In the case of sponsored programs only the name of the sponsor is announced.

Regulations - Under the decree law of February 8. 1923, radio stations and broadcasting services are Government monopoly in Italy and colonies. The Government can grant concessions and issue licenses to private companies and public bodies for erecting and operating wireless stations. As indicated above, the broadcasting service has been leased under decree law of 1927, to the E.I.A.R. The direction and supervision of the service is vested in the Ministry of Communications.

Private owners of radio receiving sets are required to pay a fixed annual subscription to the broadcasting company at the rate of 81 lire per annum if paid at the beginning of the year or 85 lire if paid in advance in two semi-annual install-

ments. Sets in use 900,000.

Stations-30.



JAMAICA

General-The demand for radio equipment has been moderate, but it would appear that the market is gradually becoming saturated and will decline in the near future to one almost entirely of re-placement. The low purchasing power of a large majority of the population restricts potential users and these are largely supplied. A further adverse factor is the poor reception of overseas broadcests during the summer months. The sales of radio sets are slightly better during the Christmas season than at other periods of the year but, owing to the slight variation in the climate, there is little fluctuation in business at other seasons,

Atmospheric disturbances in the Carribean Sea and the topography of the country affect radio reception to some extent at all periods of the year, but from March until October it is almost impossible to achieve long wave reception. According

to the Superintendent of Telegraphs there were 3,340 receiving set licenses, including 880 original applications, in effect at the beginning of 1938.

Advertising.—There are one daily morning paper and

one weekly paper published in Jamaica, and dealers advertise in these periodicals at irregular in-They also advertise at the better class

picture houses.

Sources of Supply—Over 80 per cent of the sets imported are of American manufacture and the United Kingdom supplies about 13 per cent. The imports of tubes are not separately classified but the United States supplies at least 85 per cent of all parts imported, while less than 10 per cent are from the United States.

Patents-There are no patent laws or regulations affecting the sale of American or other foreign

products.

Tariffs and Restrictions- With the exception of an important tariff, there are no exchange or other legislative restrictions affecting the market for

radio equipment and parts.
Short Wave—Only short wave sets are in demand as long wave reception is unsatisfactory for nine

months of the year. Sets in use-3,340.

Stations-None.



JAPAN

General-Japan is at present operating on a full wartime basis of economy, with the Government exercising rigid control over all phases of finance, industry and trade. Imports are being curtailed in order to combat the unfavorable trade balance and to maintain the value of the yen on world money markets. Import licenses are required for receiving sets and equipments. Owing to the well-developed state of the domestic radio manufacturing industry, which is on an export basis, imports during the closing months of 1937 and during the early months of 1938 showed a decided shrinkage. It is believed that total arrivals dur-ing 1938 will be considerably below the levels of recent years. The number of licensed radio receiving sets at the last count was 3,402,489.

Opportunities for the sale of American radio receiving sets are extremely limited, owing to the current trade and exchange restrictions, the import duty of 40 per cent ad valorem of the c.i.f. price and the general low-price characteristic of

the market.

The Japanese radio manufacturing industry is expected to meet with growing business. The number of sets sold in the domestic market is expected to increase in greater rate for many years to come, due to increase in number and power of broadcasting stations and greater popularity of radio among the masses. Further, the improvement in production is expected to cause continued expansion of exports not only to Asiatic countries but also to the Occident.

Patents-Imitation is a strong feature of Japanese manufacturing, and any imported article should be fully covered by Japanese patents before being placed on sale. Otherwise, it is most certain that as soon as popularity is attained, direct imitations will appear, often with trade marks and cartons in striking mimicry of the original produced and sold at prices far below any at which American

goods can be imported.

Tariffs and Restrictions-Radio receiving sets and equipment are dutiable under Japanese Import Tariff Item No. 559 at 40 per cent ad valorem, the duty being assessed on the c.i.f. valuation. Effective October 11, 1937, importers of such apparatus are required to secure import permits from the Finance Ministry for all purchases from abroad exceeding 100 yen in value. This regula-tion went into force as the result of the promulgation on that date of the Emergency Trade Control Law. While not altogether in the nature of an import prohibition, it has had the effect of limiting imports to products not yet made locally to an extent sufficient to fill domestic needs and then only in curtailed amounts.

Television—A considerable amount of experimental work has been done with television in Japan. Publie tests have been conducted during the past several years, the most important of which were held in February 1938. Developments are now being directed by the Japan Broadcasting Corporation at a special laboratory erected for that purpose at Kinuta, on the outskirts of Tokyo, According to Dr. Kenjiro Takayanagi, leading television researcher in Japan and director of the new laboratory, temporary television broadcasts will be started in July 1938, for the express purpose of being sure that regular television service will be available by 1940 when the Olympic Games are scheduled to be held in Tokyo.

The Japan Broadcasting Corporation has con-

structed a television set that will be made available to the public at the rate of 1,000 yen, equal to \$290 each. Further research may bring this price down to 500 yen a set. At this level, it is estimated that about 10,000 sets will be sold, but no greater number is envisaged unless a drastic

price reduction is achieved.

Short-Wave Reception-Short-wave reception in Japan is prohibited, the few sets operated being owned by Government officials or foreign diplomats. Satisfactory reception from the United States is reported to be impossible, owing to the fact that the power broadcasting stations are all on the Atlantic seaboard of the United States and also because of climatic and other interference. It is possible that a powerful station on ence. It is possible that a powerful station on the Pacific coast could be heard in the Orient with some degree of regularity and satisfaction. There is no market for short-wave sets in Japan and the popular American all-wave sets find no appeal here since the short-wave reception bands must be rendered unfit for use.

Broadcasting Broadcasting in Japan Proper is under the control of a single organization, the Broadcasting Corporation of Japan (Nippon Hoso Kyokai), a semi-official concern closely supervised by the Department of Communications. Programs are subject to strict censorship and nothing that might harm the interests of the country and its people is allowed to go on the air. Advertising of all sorts is prohibited. Political speeches cannot be included in the daily program. Even election campaign speeches and Diet proceedings cannot be broadcast.

Advertising by Radio-No advertising of any description is broadcast by Japanese radio stations.

Transcriptions - Arrangements for transcriptions are usually made locally, both for American and for European music and other material. Two American companies have branch plants in Japan and these firms supply transcriptions to the Japan Broadcasting Corporation. Payment is made for the right to broadcast such material.

Regulations -The original Japanese broadcasting regulations were adopted by ordinance of De-cember 21, 1923, but since amended on a number

of occasions. Sets in use -3.759,047. Stations- 39.



LUXEMBURG

General-Responsible dealers are of the opinion that the Luxemburg market is now "saturated," in the sense that practically all persons able or willing to buy radio sets have done so, and future sales must be based on replacements and extra sets, for the most part. The best estimates place the number of receiving sets now in use at more than 30,000. This is more than one set to every ten of the population. Very large families are the rule in Luxemburg, and in certain regions reception is difficult or of no entertainment value, because of high tension cables, machinery, or other circumstances. Sales have been falling off for months, and at present are mostly replacements. It is believed that under present conditions 35,000 sets would represent the maximum which could be used in this country, and that figure has almost, if not quite, been reached. The most popular scelling sets in Luxemburg at present are large table types.

Sources of Supply—Germany, Belgium, and France, in the order named, are the chief countries of supply. Except for a few sets assembled to order by a couple of amateur dealers, there is no local manufacture of radio receiving sets.

Patents—There is no patent interference with the sale of American sets and tubes.

Tariffs and Restrictions—The Grand Duchy of Luxemburg is a member of the Belgo-Luxemburg Economic Union and the customs duties on all imports are the same for both countries. A reduction in the duty on radio tubes and parts imported from America was secured in the trade agreement between the United States on the one hand, and Belgium-Luxemburg on the other. There is no quota restriction on the importation of radio sets and parts into Luxemburg. There are equally no exchange restrictions between Luxemburg and the United States.

Short Wave—The desire to hear programs on the short waves is growing. This is largely because the more expensive sets are equipped for short wave reception rather than any active demand by purchasers. Reception from all countries of the world at loudspeaker strength is possible in Luxemburg nearly every day of the year, with powerful sets. There is no short wave broadcasting in Luxemburg.

Reception of American short wave stations has been greatly improved by the institution of beam directional broadcasts.

Broadcasting—The Grand Duchy of Luxemburg has only one broadcasting station, one of the most powerful and modern in the world, broadcasting at 200,000 watts on a frequency of 2.12 kilocycles and a wave length of 1293 meters. "Radio Luxembourg" is the name of the station, which has no official call letters. The station is owned and operated by the Compagnie Luxembourgeoisic de Radiodiffusion, 53 Avenue Monterey, Luxemburg, Grand Duchy. The station is in constant operation from 7:00 a.m. until 1:00 a.m.

Advertising—Radio Luxemburg has at present about all of the advertising that it has room to accept. Its rates are not generally made public, and are in some measure a matter of individual arrangement. About 90 per cent of the advertising is in English.

Regulations—A new agreement between the stockholders of Radio Luxemburg and the Grand Ducal government was signed in 1938. The new accord requires payment by the station on the basis of gross receipts rather than the previous arrangement of an annual payment of 30 per cent of the net profits. Station will pay the government on a shiding scale which allows a maximum of 25 per cent of total receipts. Present income is derived from American and English advertising which sponsors 80 per cent of commercial time on the station. Radio-Luxemburg continues its monopoly of broadcasting by the new agreement which incorporates previous regulations contained in the charter of the corporation itself. No taxes or license fees are collected from owners of sets.

Sets in use-30,000.

MANCHURIA

Including Kwangtung Leased Territory, "Manchukuo," Etc.

General—On January 1, 75,000 subscribers were reported representing a 25 per cent increase in 3 months -owing principally to the interest of the populace in the progress of Japanese invasion of Northern China. Another element responsible for increased sales is the purchase by the government and government-controlled agencies of sets to assure reception of important patriotic and "national benefit" programs. The army is also interested in receivers, especially short wave, and as no Japanese sets are produced with short wave bands. American sets are purchased exclusively for this purpose. For the price market, 3 and 4 tube Japanese sets are the most widely sold. American sets are demanded by those able

to afford higher quality.

Sources of Supply—About 60 per cent of the radio imports are from the United States, practically all of the remainder being from Japan. A very few German sets are imported.

Tariffs and Restrictions Radio equipment is classified in common with Telephone and Telegraph apparatus under No. 244 of the Tariff of "Manchukuo."

Short Wave. The operation of all radio sets is subject to police permit, and all-wave sets are controlled more strictly in order to prevent their unauthorized operation, particularly with reference to the short wave band, the use of which is seldom authorized. At irregular intervals inspections are made and the questionable band cut off in sets of those persons whom the police think should not operate them. For this reason after these inspections local sub-agents are somewhat reluctant to stock sets having short-wave bands, although there is no limitation on the sale of all-wave sets, only in their operation.

Broadcasting—The broadcasting stations are owned and operated by the Manchurian Telegraph and Telephone Co., a semi-official organization.

Advertising Advertising by radio was inaugurated early in 1937, but has not had the anticipated success. Less than 25 per cent of the important firms have availed themselves of the service, while more recently the military "emergency" has interfered with such developments.

Regulations -All receiving sets are licensed, and the use of sets receiving short waves is prohibited. Regulation is generally under police jurisdiction, generally interpreted according to the Japanese code. Military operations is a frequent cause for imposition or suspension of some rulings, which, however, do not seriously interfere with the continued operation of broadcasting.

Sets in use 75,000. Stations - 7.

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MEXICO

General—1t is estimated that between 300,000 and 350,000 sets are in use. As the U. S. is the principal supplier, with only limited competition, sales are generally parallel to U. S. exports. In 1937 sets so shipped numbered 111,661. The sales during the first 6 months of 1938 were 50 per cent below those during the same period of 1937. The principal reason given is the high rate of exchange.

Mexican preference is for low-priced 5-tube table models, costing from 140 to 180 pesos. In that field short wave is not considered important. Those who can pay a higher price prefer the 7-tube all-wave class, usually table models. Domestic radio manufacturing is very small.

Sources of Supply—Transmitting equipment is almost exclusively from the U. S., while the U. S. furnishes 92 per cent of the total radio imports of Mexico, the remainder being from the Netherlands and Germany. The principal competition is from Philips. The trade estimates that Philips business in Mexico doubled in 1937. German makes include Telefunken, Punto Azul, Saba, Lorenz, and Mende.

Patents—There are no patent difficulties in the sale of radio equipment.

Tariffs and Restrictions—Duties were increased in January, 1938, and again changed April 30. The present rates are: Transmitters, 8 centavos per legal kilo, receivers with cabinet, 2.50 pesos per legal kilo, receivers without cabinet, 1 peso per legal kilo, tubes, 15 centavos each, antennas 40 centavos per legal kilo, separate loudspeakers 40 centavos per legal kilo, cabinets with loudspeaker 1.20 pesos per legal kilo, cabinets 1.20 pesos per legal kilo, cabinets 1.20 pesos per legal kilo, rates must be specifically for radio to come under this rate.

Short Wave -With the growing popularity of all-wave reception, there is an increasing interest in United States short-wave programs. Practically all short wave stations in the United States are clearly receivable. Other western and European stations are heard regularly and are popular. Progressive improvement in Mexican broadcasting stations and other transmitters have improved reception and climinated interference.

Chain Broadcasting There is no chain broadcasting at present, although special hookups are arranged for outstanding occasions, such as addresses by the President. Authority to require chain operation for the transmission of the official bulletins which every station is required to broadcast is given in the regulations.

Programs Vocal and instrumental Mexican music, news, classical musicals, comedies, dramas, and comic dialog make up the typical Mexican program. The requirements regarding program content outlined in the regulations brings special emphasis on nationally characteristic material.

Advertising The largest users of radio advertising time appear to be breweries and manufacturers of medicinals, beauty preparations, and eigarettes. These four industries advertise on a national scale. Other radio users are largely localized. Rates do not as a rule include talent. Stations reserve the right to maintain artistic standards. Some stations make extra charge for amounters' services. Rates for one of the leading stations range from 65 to 155 pesos per half hour, each hour of the day being priced differently. Quarter hour rates are about 60 per cent of the half hour charge. Discounts on contracts range up to 20 per cent for more than 100 broadcasts.

Transcriptions Transcriptions are used quite freely.
Regulations require that any speech be in Spanish.
Sets in use 350,000.

Stations 100.



NETHERLANDS

General The number of sets registered in the Netherlands on March 31, 1938, was 705,156. Sales were again quite seasonal, especially during the Christmas season when the variation is quite pronounced. Philips, supplying 70 per cent of the market, has discontinued a 15 per cent summer discount.

It is estimated that between 40,000 and 50,000 sets are sold annually. As a result of increased prosperity of the past 2 years, the volume of business has become quite satisfactory. The

potential demand has been estimated at 170,000 sets annually.

Patents—The importation of American radios in the Netherlands on a commercial basis is not permitted because of the control of basic patents by the Philips Company. Although doubt has been expressed of the validity of these patent rights, any dealer attempting to import American radios is liable to an injunction action in the courts of this country. No case up to the present has been carried to the highest court of appeal, so that the question is still in abeyance, but the position of Philips is considered to be a strong one. As a practical matter the Philips concern continues to enjoy control of the market.

Television Television in the Netherlands is still in the experimental stage, although the progress already made in overcoming technical difficulties would, it is reported, justify the utilization of television in the Netherlands to the same extent as is being done in England, where per-The Philformances are being given regularly, ips concern has secured a number at its labora-tories at Eindhoven. The reproductions obtained with the company's newly developed 22-tube sight-and-sound receiver are considered satisfac-tory even when compared with the best obtained thus far elsewhere. With iconoscopes built in it own laboratories, both outdoor scenes and motion picture films can be transmitted direct, without the intervention of photography, by socalled interlacing at 25 pictures per second; in this manner, larger and clearer pictures are obtainable. There are still many improvements needed, but Philips has introduced complete television transmitters and receivers. This is some indica tion that the technical difficulties are being sur-

Short Waves—More all-wave sets are now being offered for sale in the Netherlands because the Netherlands is interested in developing short wave broadcasting with its colonies and because listeners desire the option of tuning in on the short wave band. In general, however, the average listener prefers the long and standard wave transmitters from Hilversum and Kootwijk. On the same band, he has the lond and standard wave programs of neighboring countries at his disposal. Little or no interest has been displayed in the ultra short wave.

American short wave programs can be received in the Netherlands but the great obstacle is the difference in time which makes clear reception possible only with very selective sets. Programs coming from the United States which are only to be had with difficulty and at an inconvenient time possess some novelty; this, however, is soon lost especially when the average listener, with a moderate priced set, may tap the long and standard wave stations of nearby European countries offering good and diversified programs.

Broadcasting—Broadcasting in the Netherlands derives its revenue almost entirely from voluntary contributions to one of the four broadcasting associations in the Netherlands. These associations publish periodicals, subscriptions to which as well as advertising therein are an important source of revenue. Owners of receiving sets pay no license fee but every set must be registered with the postal authorities.

Advertising—Broadcast advertising is prohibited

Transcriptions—Considerable use is made of phonograph records for broadcasting but the market for American transcriptions, even without advertising, is negligible.

Sets in use-705,156.

Stations 4.

NETHERLANDS INDIES

General—There were 54,462 sets in use at the end of 1937 in the Netherlands Indies, compared with 39,028 at the end of 1936. The sharp increase was partly due to better economic conditions and partly to the introduction by Philips of a comparatively cheap model at 89.50 florins. Early 1938 sales have held up well. About 65 per cent of the sets are owned by Europeans, 19 by natives. and 16 by other Asiatics.

The country offers a promising potential market since broadcasts are universally popular. Only a limited number of models have been available, and these offered at relatively high prices. The native market offers the greatest promise. but because of limited purchasing power, this cannot be developed until cheap, efficient sets are available. A good all-wave model costing 25 to 35 florins would meet a demand of several thou-

sand sets a year.

Sources of Supply—The most popular sets are Philips and Erres, both Dutch, but some British GEC and Austrian Minerva are sold. The German Mende was recently introduced, but the Korting and Blau Punkt are now seldom found. Under an agreement with Philips, German concerns are permitted to import 600 and British 250

per year, according to reports.

Patents—Owning tube patents, Philips has succeeded in definitely holding Netherlands Indies as a market closed to American tube sets. closure developed as a result of the popularity of American sets during the early days of broadcast development, and earlier among amateurs. Philips using the right to refuse licenses as a means of preventing importations in competition. The right of individuals to buy sets abroad for delivery in the country has never been decided by the courts, although Philips agents usually notify such an importer that suit will follow if he accepts delivery. Generally the matter is dropped. however, if the importer gives sufficient assurance that the set is for "amateur" use and will not be offered for sale.

Short Waves--The tropical climate of the Netherlands Indies has restricted radio developments to short waves almost exclusively.

Programs - Seventeen stations broadcast primarily for European audience and 7 for the native.
According to the terms of the NIROM concession programs must be developed to meet the public interest. Questionnaires are regularly distributed to listeners.

Advertising -Although there appears to be no prohibition of advertising over NTROM stations, no efforts have been made to sell this service. Other stations are prohibited broadcasting anything for monetary return other than the free contributions of their listeners.

No. of sets in use -54,462. Stations-59.

NETHERLANDS **WEST INDIES**

General--According to official figures there are now 2,378 radio sets in the Netherlands West Indies. Seven to 11-tube table models for short and long waves combined are the most popular sets.

Patents-Philips controls patents, the colonies coming under the same patent jurisdiction as the Netherlands. Licenses to other firms have been consistently denied, with the exception of certain German companies with whom Philips has a working agreement regarding concessions in their respective patent agreement territories. Threats of civil and criminal prosecution of importers and dealers have prevented the importation of other sets for sale.

Tariffs and Restrictions-There are no governmental restrictions on the importation of radio apparatus except for a duty of 15 per cent ad valorem on the factory price.

Short Wave Foreign stations received are London, Berlin, Eindhoven, and nearly all stations in the

Western Hemisphere.

Broadcasting There is only one broadcasting sta-tion in the Netherlands West Indies, located at Curação and operated by the Curaçãosche Radio Vereeniging. Programs consist mainly of electrical transcriptions of dance bands of the U.S. and Latin America.

Advertising Advertising is broadcast and advertising practices resemble those used in the U.S., and are at least 95 per cent of American products,

Transcriptions—Most of the transcriptions used are of American origin. No advertising transcriptions have been use.

Regulations A permit must be obtained for the installation of a transmitter or receiver. Sets in use -2,378.

Stations--1



NEWFOUNDLAND

General Owing to the geographical situation of the Island, owners of radio receivin Newfoundland are able to receive radio receiving sets in Newfoundland are able to receive programs broadcast by American, Canadian, and European stations. As a rule, however, reception in St. John's is poor, owing to the almost continuous leakage from street and house lighting wires, as well as from the street railway system. An additional cause of poor reception in Newfoundland is said to be the electrical phenomena associated with the Aurora Borealis and geological formations at the point of reception, which limit satisfactory short-wave reception to the late hours of the night. The street cars stop running at midnight and the improvement in reception after that hour is noticeable. During the summer months short wave reception is fairly satisfactory.

The few large department stores in St. John's, as well as a large number of manufacturers agents, handle American radio receiving sets and equipment. All distribution is through St. John's, the capital, which is also the principal commercial center of the Island.

Sources of Supply -During the 1937 fiscal year the United States supplied 93.35 per cent of the imports of radio receiving sets and equipment into Newfoundland, only 4 per cent having been supplied by the Canadian Marconi Company. It is estimated that 3 prominent American makes satisfy approximately 70 per cent of the demand for American sets, the remaining 30 per cent being shared by 12 or 15 other manufacturers.

Patents - There are no patents held by Newfoundlanders which affect the radio trade. Several foreign patents appear to have been registered in Newfoundland, but this circumstance has had little of no effect on sales. The preference which nttle of no effect on sales. The preference which seems to be shown by officials of the Depart-ment of Posts and Telegraphs for the Canadian Marconi Company is believed to be based on the fact that it is an Empire undertaking, and has no reference to any patent rights.

Tariffs and Restrictions-It should be noted that imports for the fiscal years 1930 to 1934, inclusive, were assessed at 55 per cent ad valorem. However, the new Customs Import Tariff, which was promulgated January 1, 1935, assesses imports of radio sets and equipment at 30 per cent ad valorem, with no preference being given to sets and equipment of British manufacture. This reduced tariff has resulted in a considerable increase in the importation of American equipment.

Short Wave—Receiving sets, to enjoy any great demand, must have short-wave bands. American and European short-wave programs are received in St. John's. There is no local short wave broadcasting.

Advertising Advertising over the local radio broadcast stations is done almost entirely through the medium of short announcements by station announcers and through phonographic transcriptions, all of which are obtained from the United States.

Transcriptions — Stations VONF, VOGY and VOCM use transcriptions and popular dance recordings to form 60 per cent of their programs. Imports of transcriptious (15-minute recordings) valued at approximately \$3,000 U. S. currency, were made by these stations during 1937. All such transcriptions were obtained direct from the U. S. They are rented out to individuals or organizations wishing to advertise over the radio. They are never sold outright. However, some of the local firms representing American manufacturers import their own transcriptions advertising the merchandise which they represent.

Sets in use -- 12,000.

Stations 6.



NEW ZEALAND

General—Radio sales in New Zealand have increased with rapid strides in recent years, particularly since 1934. This trend is illustrated by the steady annual increase in the number of licenses which has maintained since 1924 without a break. Although the retail demand has recently been reported to be slackening and retail dealers to be somewhat overstocked, sales have more recently improved, and import figures indicate that sales in 1938 may considerably exceed those of 1937.

On June 30, 1938, licensed receiving sets in use numbered 296,065, including 1,213 dealers' sets and 1,033 experimental sets. As compared with the same date in 1937, total sets increased

by 41,741 or 14.6 per cent.

Sources of Supply—During the calendar year 1937, the principal countries supplying numbers of imported sets were the United States (62 per cent). United Kingdom (19 per cent), and Australia, 15 per cent. Values of importations were apportioned as follows: United States, 50 per cent; United Kingdom, 28 per cent, and Australia, 18 per cent.

Patents—A patent pool known as the Australian Radio Technical Services and Patents Company. Limited, with headquarters in Sydney, Australia, is authorized to form agreements between patent holders and heal dealers and manufacturers.

holders and local dealers and manufacturers.

Tariffs and Restrictions—The General Tariff covers imports from the United States.

Short Wave—Short wave sets are extremely popular and their use has been increasing in recent years. The principal demand is for all-wave sets. Reception of American stations, however, is poor in most sections of the Dominion. On the other hand, good reception is reported for the United Kingdom, France, Germany, Russia and Japan. There is no local short wave broadcasting other than experimental. The government has announced that it plans to establish a short wave station, but no definite steps have yet been taken. Wave bands giving the best reception are reported to be 25, 32, 19, and 16 meters.

Broadcasting-Radio broadcasting in New Zealand is controlled by the government, which, through

the Minister of Broadcasting, owns and operates 17 stations, 4 of which broadcast advertising. There are also 8 privately owned stations controlled and subsidized by the government, which are not permitted to broadcast advertising matter.

Government stations are separated in two distinct services, the administrative heads of which are responsible to the Minister of Broadcasting. The National Broadcasting Service, comprising 12 non-commercial stations, is administered by a Director of Broadcasting in Wellington. The National Commercial Broadcasting Service, comprising 4 advertising stations, is administered by a controller, with offices in Wellington.

Advertising-The National Commercial Advertising

Service, Dixon Street, Wellington, gives the following rates for the commercial network, which includes stations in the 4 principal cities. The "D" rate, 15 minutes, for individual stations is by comparison, casual, 3 pounds 12 shillings for Duncdin, 6 pounds 19 shillings 6 pence for Wellington, 5 pounds 10 shillings for Christchurch, and 8 pounds 5 shillings for Auckland.

Transcriptions—The major portion of local broadcasts consists of transcriptions. The market for American transcriptions is very good, both of advertising numbers and otherwise. American records comprise about 50 per cent of those used, the balance being principally English and Australian. A few transcriptions are made in New Zealand. Transcriptions are imported either by indent agents specializing in handling radio parts or by advertising placement firms. Turntable speeds are 78 and 33 r.p.m. Records used are mainly 12- and 16-inch, although 8- and 10-inch are also in demand.

Sets in use -293.819, Stations -25

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NICARAGUA

General.—The latest estimate for radio receiving sets in use in Nicaragna is 4,000. No official figures are available, as no taxes on sets are levied. It is roughly estimated that 150 sets were imported in January to August, 1938. Demand occurs principally in December and January. It is not believed that the coming season will be especially good.

The preference is strongly for all-wave sets, principally table type, 5 to 12 tubes. Sets with 8 or 9 tubes are most popular among these. Dials should be marked in kilocycles rather than with the names of stations, since American practices, rather than European, are more familiar.

Sources of Supply—Practically all radio goods of any nature imported into Nicaragua come from the United States. There has been no competition, but the German Teleiunken has established an agency which will offer severe price competition, owing to the case and cheapness with which askimarks can be purchased, as contrasted with the difficulty and high prices attendant upon the purchase of dollars.

Patents-There have been no difficulties in selling radio arising from patents.

Short Wave—American and other foreign short wave reception is good during the later hours of the afternoon and during the evening, except when there is interference from local stations. Short waves are popular, and sets of any but the cheapest class are seldom purchased unless this band is covered. During the daytime reception is understood to be best on 16-19 meters, and on 31-49 meters at might.

Broadcasting—Nicaragua has 5 broadcasting stations, all commercial, all short wave, and all located in Managua,

Sets in use-4,000.

Stations 5.

NORWAY

General—There has been a steady increase in the sales of radio sets in Norway. Set registrations increased from 137,968 on Jan. 1, 1934, to 300,722

for Jan. 1 last. Sources of Supply-The Dutch Philips, the Hungarian Tungsram, and the German Telefunken sets garian Tungsian, and the German Telefunken sets accounted for the larger part of the value of imported sets in 1937. Total imports from those countries constituted 44.2, 13.6, and 13.0 per cent, respectively, compared with 29.6, 15.5, and 41.6 per cent of the Norwegian imports in 1936. The remainder of the 1937 imports chiefly applied to Belgian, American. British, Latvian, and Swedish sets. While the United States ranked fifth in importance in 1937, as against the fourth in 1935 and 1936, there was, nevertheless, an increase in its share of the market, the per centage of the total value veing 5.6 in the year under review, compared with 3.9 and 4.9 in 1935 and 1936.

Radio receiving sets are manufactured in Norway, both from domestic and from imported parts. The bulk of the Norwegian production of radio receiving material is shared between 7 firms, all in Oslo. There are no firms engaged in the assembly of sets, nor are there any firms importing radio chassis and providing cabinets

locally.

Patents-- A patent pool, consisting of certain European and American manufacturers, is offering a license agreement for the importation of American radio receiving sets, mon payment of a royalty of 4 per cent of the gross list price, less 30 per cent. American tubes, which formerly could not be imported on any basis, are now admitted to sale, providing they do not contain more than for electrodes and do not infringe the pentode or hexode patents. The Schottky (screen grid) and the Langmuir (grid frame) patents, which were great obstacles to the importation of Ameri-can tubes, have expired. There are still, however, a few patent infringement and validity suits pending in Norwegian courts, namely the Philips pentode tube patent, the Telefunken padding condenser patent, and the Hazeltine image-sup-Telefunken padding pressor patents. The latte Scandinavia by Aga-Baltic. The latter is represented in

Tariffs and Restrictions—Radio tubes, including rectifiers, are classified under Item No. 158 of the Korwegian Customs Tariff, with a duty of 50 ore each, plus surcharges of 50 per cent and 20 per cent, or a total of 90 ore per tube. other radio equipment is classified under Item No. 159, a duty of 20 per cent ad valorem plus the surcharges, or a total of 36 per cent ad are larbor and traffic dues. There is also an internal revenue tax of 10 per cent of the retail price to be paid on all radio receiving sets. except on sets which retail at 120 kroner or less. On such sets an internal revenue tax of I krone is levied. Radio equipment is not subject to any other taxes or to any exchange restric-

Short Wave All radio receivers sold in Norway are equipped with a short wave band, generally covering 16, 19, 25 and 49 meters. Increased interest has lately been felt in receivers with the 13 meter band, and a good number of sets will in

the future be thus equipped.

Broadcasting Broadcasting in Norway dates from 1925, when a private company was granted a concession by the State for the construction and operation of a radio broadcasting station in Oslo. Similar concessions were granted to private companies in Bergen and other cities, and revenues were provided by the imposition of an internal revenue tax of 10 per cent on sales of radio apparatus and equipment, and a "listeners tax" of 20 kroner per annum. This latter will probably be reduced to 15 kroner from January 1, 1939.

Sets in use 300.722. Stations—17.

PALESTINE

General—The number of sets in use in Palestine at the beginning of 1938 was 28,515, according to license statistics, an increase of 8,000 during the year. That the greatest demand is among the Jews is shown by the fact that 65 per cent That the greatest demand is among of the license applications in 1937 were filled out in Hebrew.

All-wave sets are in greatest demand, 6 to 8tube table models being popular. There is a limited market for consoles. Phonograph combinations are not selling at present, but most of this business came from restaurants and similar

The tendency among the Arabs was to favor 3 and 4-tube battery medium-and-long wave sets. with which Ramallah and Cairo could be received, Dealers report, however, that the Arab trade is also turning to all-wave sets.

Sources of Supply The United States is the principal supplier, with about 65 per cent of the average annual market. The Netherlands averaverage about 15 per cent, with the United Kingdom. Germany, Austria, and Hungary each participating to a smaller extent.

Patents -No interference with sales.

Tariffs and Restrictions-Radio sets and parts are dutiable at 12 per cent ad valorem under serial No. 434 of the tariff.

Short Wave-Owing to atmospheric conditions, reception from Europe on the medium wave band is not good, as a rule. The Jewish population is interested in European reception and short wave is therefore very popular with this group. American short wave broadcasts can be received on only the more powerful sets.

Broadcasting The Palestine broadcasting station at Ramallah is government owned and operated. and has a frequency of 668 kilocycles, 449 meters. and a power of 20,000 watts.

Regulations The Palestine radio regulations are based on the Wireless Telegraphy Ordinance of 1924, which has been amended on several occasions.

Sets in use -28,515. Stations 1.



PANAMA

General The number of sets in use in either the Republic or Canal Zone cannot be definitely determined, but trade estimates are that the number is around 10,000. Imports during the first 6 months of 1938 amounted to 628 sets, of which the United States provided 584, and during the calendar year 1937 3,140 sets, of which 3,068 were from the United States.

The demand is principally for table models equipped with a complete short wave band and of not less than 5 tubes. The most popular price range is for sets that retail from \$50 to \$100. Console sets and also radio phonograph combinations are in fairly good demand by those in the limited group with higher income.

Sources of Supply - Eight popular American makes are on sale in addition to Philips, which supplied 36 sets in 1937 and 17 during the first half of 1938, and Telefunken, with 12 in 1937 and 9 during the first half of 1938. Most accessories are also of American manufacture.

Patents- There has been no patent interference with sales.

Tariffs and Restrictions Radio receiving parts, and apparatus for radios are assessed 15 per cent ad valorem as an import duty plus 3 per cent ad valorem on the f.o.b. value of the invoice as a consular fee.

Short Waves-Short wave reception is popular and required in all but the cheapest sets. Stations of the world class are regularly received.

Regulations—Canal Zone. According to a circular Dated March 9, issued through the Executive Department of the Panama Canal, no special permission is required for the installing or operating of any well-constructed non-radiating radio receiver in the Canal Zone, except that within the limits of military and naval reservations the installation is subject to regulation by the military or naval authorities. An inside antenna may be installed without permission. For the installation of an outside antenna application must be made to the District Quartermaster.

Sets in use 10.000. Stations 11.

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PARAGUAY

General-Various trade sources estimate the numher of sets in use in Paraguay at from 5,000 to 10,000, but perhaps 6,000 is the most accurate Annual sales amount to about 1.000 sers. At least 90 per cent of the population have low purchasing power, making the demand for any but the most inexpensive sets extremely limited.

Sources of Supply At least 90 per cent of the sets in Paragnay are of American origin. A few Philips and Telefunken sets are sold. Tubes come from the same sources proportionately.

Patents There has been no patent interference with sales. Registration in Paraguay is advisable

to avoid piracy.

Tariffs and Restrictions There are no import or Radio sets, tubes, and exchange restrictions. exchange restrictions. Kanto sets, tuber parts pay duty to 37½ per cent under paragraph 694 of the tariff plus additional taxes of 5 and 11/2 per cent levied on dutiable merchan

dise. Short Wave Night reception of European and American stations on adequate receivers is good. European stations, especially Berlin, London. Rome and Paris, are heard well even during the day. American stations are received best after 8 p.m. during the winter months, May through September. Daytime reception of American station is always poor. The 25 and 31 meter bands are best, 16 and 19 meters are good, but the 49 meter band is noisy. Short wave reception is popular. Dealers find it almost impossible to sell medium wave sets, even though Buenos Aires is satisfactorily received.

Broadcasting---All broadcasting in Paraguay is pri-

vately operated.

Regulations- There are no well defined regulations governing broadcasting other than a specification of the number of stations permitted to operate, and authorizing the Director General of Posts and Telegraphs to assign calls and frequencies and require stations to adhere to them.

Sets in use 6,000. Stations - 9.



PERI

General -Atmospheric conditions in Lima, where most of the demand for radio is found, favor good reception. Conditions along the whole coast generally are good, with exceptions made for the regions of Chimbote and Pisco, where ships, as well as receivers on land, report frequent diffieulty.

Of 14 broadcasting transmitters, 12 are of American manufacture and 2 Marconi. The majority are of 100 to 250 watts, and cost from 3,000 to 10,000 soles, delivered but not assembled. Dealers believe that the United States will continue to be the principal source of supply of transmitters that may be replaced or installed in the future, and of the spare parts purchased. with the exception of the equipment that may be required by the government stations operated by the Marconi Company.

Sources of Supply-Dealers state that the 1937 and 1938 sales comprise about 85 per cent American. 10 per cent Dutch and 5 per cent German. Four American and Philips sets dominate the market. but several German makes are progressing. Philips is actively pushed, particularly since the retail sale financing plan was instituted in 1937. 30 American makes are represented. German makes offered include Mende. Punto Azul, Tele-

funken, and Koerting.

Patents There are no patent requirements interfering with the introduction or sale of radio sets and tubes in Pern. It is advisable to regis ter trade marks. The cost of registration is about 140 soles.

Tariffs and Restrictions There is no tariff diserimination or restriction with reference to imports of radio receivers, parts, or materials, of Ameri-

can or other origin.

Short Wave A powerful long and short wave government station was inaugurated in January. 1937, in Lima, and other stations have been improved. Short wave sets are more popular than medium wave sets. Short wave reception of South and Central American stations is satisfactory. Reception of the principal European sta tions is also satisfactory, especially those providing directional services to this area, such as the German and British stations. American stations are good, but do not come up to the standards of these two European countries in covering

Broadcasting. Of the 10 broadcasting stations in Peru, 4 operate simultaneously on short and medium wave. For local reception medium wave is preferred. Best reception is on the 9, 12, 16, and 20 megacycles.

All stations operate independently and, with the exception of the Radio Nacional OAN4A, all are

privately owned.

Advertising All of the broadcasting stations are supported by advertising.

Transcriptions Transcriptions are used extensively. both with and without advertising. The usual period of time sold is 15 minutes. Most of the The usual transcriptions are of advertising with musical interludes.

Regulations New radio regulations were adopted June 30, 1937, covering the entire field of radio. Stricter control was established on communications. All new transmitting licenses are for one year and renewable. All private stations are taxed 10 per cent of their receipts from advertising for the maintenance of service from the government station.

Sets in use--35,000. Stations 15.



POLAND

General-On Jan. 1 last there were in Poland only 861,100 registered receiving sets, of which 546,600 were in urban areas and 311,300 were in rural areas. This total represents an increase of 97,400 sets, or 12.9 per cent, from the 763,700 of 97,400 sets registered on June 1, 1937. The number of registered sets as of July 1, 1938, in all Poland was officially reported to be 901,002, divided 556,855 tube sets, 541,839 crystal sets, and 2,308 tube sets used by the military authorities, mainly for experimental purposes. This total shows an increase of 4.7 per cent over that of January 1.

Sources of Supply—Outside of the large domestic manufacture, Poland secures a small quantity of radio receiving sets from foreign countries. Germany is the principal source of imports of sets, parts and accessories, followed by Austria and Holland. Small quantities are also received from France, England, the United States and Switzerland. Both imports and exports of receiving sets and parts were smaller in 1937 than in 1936. Germany and Holland were the principal destinations of the exports with small amounts going to Finland. Bulgaria, Palestine and Yugoslavia.

The demand for American sets in Poland in 1937 was even smaller than it was in 1936 and remains greatly limited by present market conditions. High import duties are apparently the greatest deterrent to sales since American sets are well known and well liked but customers are not willing to pay the high retail prices of these sets nor will they pay the high duties on complete sets, therefore, few sets are imported with cabinets. American-built chassis are imported and mounted in locally-built cabinets of all types, the customers being able to order any type desired.

Patents - According to Item No. 384 of Journal of laws No. 39 of 1928, the law for the protection of inventions, patents, models and trademarks, patents and trade-marks can be protected by registration. In order to secure protection on a patent it is necessary to file an application accompanied by two copies of a description in Polish of the item to be patented and three drawings, one of which must be an original in ink. The registration fee is 36 zlotys and gives protection for the first year.

Tariffs and Restrictions -Radio receiving sets are classified under tariff item No. 1118, paragraph I. which has "normal" rates of from 2,000 to 5,000 zlotys per 100 kilograms and conventional rates of from 1,400 to 3,600 zlotys. Conventional rates apply to imports from the United States and since imports from there consist chiefly of chassis without tubes the rate under 1118-1-C covering chassis without tubes weighing up to 50 kilograms included in the treaty with England would apply. This rate is 3,000 zlotys per 100 kilograms.

Quotas for the importation of American radios are not established officially, but it is understood that at present allocations of import permits are being made to the extent of 450 kilograms net weight per quarter. This quantity is apparently sufficient to cover the demand at present.

Short Waves—Reception of American short wave programs, even with 6 and 7 tubes, is fairly good. This is likewise true of such far-away stations as Buenos Aires, Argentina, and Tokyo, Japan.

Broadcasting—Broadcasting in Poland is under the control of Polskie Radio (The Polish Radio Co.), which is a government owned and operated enterprise. The broadcast programs, which still have room for some improvement from an American standpoint, are supported by subscription fees paid by radio owners. At its beginning only 40 per cent of the Polskie Radio was owned by the government but in 1935 this percentage was increased practically to the exclusion of private interest except for technical purposes. Poland has 10 long-wave broadcasting stations.

Sets in use-901,000.

Stations-12.

PHILIPPINE ISLANDS

General—There was a very good demand among Chinese purchasers in the Philippine Islands in the latter part of 1937, following the outbreak of hostilities in China, but it has fallen off somewhat recently. There are 30,449 licensed sets in use.

The majority of Filipino purchasers are interested principally in price and volume, rather than quality or high fidelity. Distant reception is becoming more important, especially in the provinces. Sales in this class represent 50 to 55 per cent of the market. Chinese purchasers have about the same requirements, with particular attention to distant recention.

ticular attention to distant reception.

Sources of Supply- The United States furnishes nearly all of the radio material used in the Philippings Philips has a small lunguists.

pines. Philips has a small business.

Patents There has been no patent interference with sales.

Tariffs and Restrictions—American radio equipment is free of duty into the Philippines, if shipped direct or in bond through countries contiguous to the United States. Duplicate commercial invoices are required. Complete information as to requirements may be obtained from the Foreign Tariffs Division of this Bureau. There are no trade or exchange restrictions.

Short Wave—Until recently short wave reception was so poor that the feature was of little interest to set owners. With the establishment of a short wave broadcasting station in Manila, however, all-wave sets have met with increased demand, as this medium gives much better reception in the outlying provinces. Reception of American programs is unsatisfactory. European transmissions come in well.

Programs Programs are general in nature, about 20 per cent of the total time on KZRM being used for educational features and slightly less for news, weather reports, and similar services.

Advertising All stations broadcast advertising, mostly arranged by local firms, though some represent. American products. About 40 per cent of the KZRM sponsored programs are live talent. KZEG does not offer sponsored programs but gives spot announcements at a fixed rate of 1 peso per time. KRM rates are 25,20 pesos per quarter hour daytime and 42,59 pesos at night, 40 word spots 3,60 and 6 pesos, respectively. Other period rates are proportionate, with discounts on contracts.

Regulations -The receiving license fee is 1 peso per year for crystal sets and for tube sets of less than 5 tubes in the zone including and immediately adjacent to Manila, 7 tubes in the second zone and 9 tubes in the third zone. Larger sets are licensed at 5 pesos per year. Other regulations have no unusual features.

Sets in use 30,449. Stations -3.



PORTUGAL

General The most important distribution centers for radio equipment are Lisbon and Oporto. Ordinarily it is found that the best arrangement for the Portuguese market is to appoint as exclusive agent a Lisbon importer having a branch or good agency in Oporto for the northern district. At the present the Lisbon district is the best market, but country-wide distribution is dependent upon the ability of the exclusive agent to obtain aggressive and energetic sub-agents in the larger cities and towns in other sections.

Advertising Advertising is carried on fairly extensively by all the leading radio importers and dealers in Portugal. The principal media are the daily newspapers, and it is estimated that the Lisbon newspapers obtain from 80 to 90 per cent

of all radio advertising.

Sources of Supply-The United States has for many years been the principal source of radio imports, with the Netherlands ranking second and Germany third. However, despite the fact that imports from the United States increased in 1937 by 17 per cent, the American share of the total imports dropped to only 43 per cent, as compared with 51 per cent in the previous year. Patents—There is no patent interference with the

sale of American receivers or tubes.
With regard to trade-marks, it is suggested that these should be registered in Portugal by the American manufacturer, rather than in the name

of the manufacturer's local representative.

Pariffs and Restrictions—Radio receivers are classified under Article 651 of the Portuguese Customs Tariff, and are subject to a specific duty of 0.60 gold escudo per kilogram. This rate is subject to a surfax of 20 per cent on sets weighing up to 5 kilograms, and of 5 per cent on those weighing more than 5 kilograms (in accordance with the terms of a commercial agreement with the Netherlands).

Short Wave-Local dealers state that it is now practically impossible to sell receivers in Portugal which do not have a short wave band. It is doubted that this band is used to any great extent by the majority of radio owners, but they nevertheless desire it for use on occasions of

special interest.

Of foreign short wave stations, it is reported that reception of the French and German is best in Portugal, although American, British, and Italian short wave programs also come in well. Reception of the American stations is best after

10 or 11 p.m.

Broadcasting—At present there are 24 broadcasting stations in Portugal, of which 2 are owned and operated by the government and 2 by the Radio Club Portugues. Only these 4 are of any considerable importance, the remaining 20 being stations of low power and small cover-age, known locally as "amateurs." An additional station, which with a power of 30 kilowatts will be the most powerful in the country, is now under construction for Radio Club Portugues.

None of the stations in Portugal have sufficient Note of the stations in Fortigal have similaring power to cover the entire country. The government "Emissora Nacional," of 20 kilowatts, is heard in most sections, and the 5-kilowatt station of the Radio Club Portugues covers Southern Portugal. This latter will be changed to the short wave band upon completion of the new 30-kilowatt station.

Sets in use--69,000.

Stations-24.



RUMANIA

General—The use of radio by individuals has in-creased slowly since 1930. The economic crisis and the trading restrictions introduced in 1932 have curtailed imports of equipment and in-creased retail prices. These conditions have brought about the establishment of a domestic radio industry, which has met part of the demand for medium and low priced receiving sets since

The restrictions have especially affected the development of a market for American radio apparatus and equipment. The demand for an inexpensive set of good quality, good appearance and performing satisfactorily both in winter and summer, such as American sets have proved to be, is growing and is subject to development if properly handled.

Official statistics showed 215.808 sets in use on January 1, 1938. Approximately 10 per cent thereof are crystal sets. Estimates place unlicensed sets at 150,000.

Sources of Supply- The Rumanian market is supplied about 75 per cent by European manufaczturers, 8 per cent by American, and the remainder by domestic industry.

Short Wave-All-wave sets have been in demand since 1933 as a result of demonstrable superiority of reception during the summer months over medium band sets. Short wave reception is excellent the year round, and popularity is growing from year to year. Approximately 90 per cent of current sales of imported sets are for those with short wave tuning, as well as about 80 per cent of the domestic.

Broadcasting Two broadcasting stations are op-erating, "Radio Bucaresti" at Otopeni, near Bucharest, on 823 kilocycles and 12,000 watts. and "Radio Romania" at Bod, on 160 kilocycles, 150,000 watts.

Advertising -- The broadcasting company has placed all advertising arrangement in the bands of a concern entitled "I. F. A. Gr. Grigorescu" of Calea Victorici 25. Bucharest. Announcements are made on a musical background.

Sets in use-365,000.

Stations - 2.



SPAIN

General While there is no official estimate of the number of sets in use, unofficially it has been estimated at 500,000. Owners of private receiving sets pay a tax of 25 pesetas per annum. Owners of receiving sets in bars, cafes, restan-

rants, etc., pay a tax of 100 pesetas per annum, roadcasting. There are low-powered long wave Broadcasting broadcasting stations in almost every town of broadcasting stations in annotative they use no call letters, but announce "Radio "giving the name of the town where located. A few, owned by Union Radio, sell advertising for local pro-

Short Wave-There are some 30 or 40 short wave broadcasting stations now operating.

Advertising - Stations owned by government agencies broadcast no advertising.

Sets in use--500,000.

Stations -Unknown.



SWEDEN

General On June 30 last receiving licenses numbered 1,156,781, or 174.1 per 1,000 inhabitants. This represents a steady increase from 1926, when the number was 242,559, and 1937 with 1,074,473.

The trade estimates that sales of sets during 1937 were about 175,000. About the same as in 1936. Sales of foreign sets appear to be increasing. Swedish manufacturers supply about 75 per cent of the total.

Sources of Supply Philips, among the leading European suppliers, increased its sales of sets considerably in 1937 to between 40,000 and 45,000 units, according to estimates, although this is believed somewhat high. Telefunken lost ground, but is now making strenuous efforts to recover-having reorganized its staff in Sweden, among other things. Great Britain has been getting a good share in the portable set business which

has become more significant in the past year, and Marconi is also an important factor in the growing demand for phonograph combinations.

Patents—The patent pool is no longer a factor of significance in the marketing situation. For practical purposes, accordingly, the pool scarcely exists, even though many suits are still pending in the courts.

Tariffs and Restrictions—The Swedish customs tariff provides a basic duty of 10 per cent ad valorem plus an additional duty of 10 per cent, making a total of 20 per cent ad valorem applicable to assembled radio sets, londspeakers and parts.

Amateurs—There are 380 licensed amateur transmitters in Sweden, according to Telegrafstyrelsen

(The Telegraph Board).

Short Wave—There are two short wave broadcasting stations in Sweden, both at the Motala plant. Tekniska Hogskolan (Technical High School), Stockbolm, operates an experimental broadcasting station which regularly retransmits the Riksprogram.

Broadcasting—Swedish broadcasting is a monopoly, except that a number of radio clubs operate stations in places where there are no monopoly stations, regularly relaying monopoly programs.

Regulations—The monopoly stations are owned by the Royal Telegraph Board, a division of the government with supervisory control over all broadcasting. It als operates the telephone and telegraph systems.

Sets in use-1,156,781.

Stations-34.

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SWITZERLAND

General—With 12 per cent of the population holding licenses for receiving sets, Switzerland ranks sixth among the countries of Europe in the number of registered listeners. The latest official figures gave 480,347 licensed listeners distributed as follows: 414,712 ordinary radio sets, 42,516 telephone wire receiving sets, and 23,119 sets for reception by private wire.

In the infant years of radio broadcasting and until 1932, Switzerland was a promising market for American manufacturers. The failure of American manufacturers to maintain the reputation of their products, which was impaired by imports of obsolete models sold at high prices; constant threats of patent litigation against dealers selling American sets and tubes; severe import estrictions; the resultant growth of the domestic radio industry accompanied by extensive advertising campaigns, while distributors of American radios discontinued advertising, were the principal steps in a development which led practically to the loss of the Swiss market to American manufacturers.

The lack of dials on American radios showing the names of European stations, the greater selectivity of domestic products, and the preference for cabinets of domestic shape were likewise contributing factors in this unfortunate development.

Sources of Supply—Domestic manufacturers supply most of the requirements for receiving sets. Imports from foreign countries represent only 10 per cent of the total sales. The principal sources of foreign supply are Netherlands. Germany, and the United States. For tubes the chief sources of supply are the United States, Germany and Netherlands.

In former years the United States supplied from 60 to 70 per cent of the demand for receiving sets. Severe import restrictions, which were put into effect in 1932, encouraged domestic production. With the improvement in the quality of their product, Swiss manufacturers can now

compete favorably with low and medium priced

Patents—Insofar as American radios are concerned, patent interference is, in effect, no longer an obstacle

Tariffs and Restrictions—Under the Trade Agreement with Switzerland the import quota for American radios and parts was fixed at 800 quintals, with a provision that this amount should correspond to 5,600 sets, regardless of weight. As a result of various adverse factors, mentioned elsewhere in this report, importers are anable to utilize fully the higher contingents available at present. Owing to the fact that the demand for American radios has declined, the existing import restrictions are, in effect, only nominal. Any licensed dealer is now able to obtain a contingent adequate for his requirements without difficulty.

Amateurs—Short wave amateur stations are growing in popularity. The "Union of Swiss Short Wave Amateurs" (Union Schweiz, Kurzwellen, Amateurs) has local branches in the principal cities and publishes a monthly organ under the name "Old Man." The strict requirements in connection with the operation of a short wave station have been relaxed and at present there are approximately 80 amateur stations in this country.

Short Wave There are no regular short wave broadcasting stations in Switzerland.

Regulations The regulations governing the op-

Regulations The regulations governing the operation of amateur stations is under the control of the Telegraph and Telephone Division of the Swiss Post Office Department. A special concession is required for the operation of such stations, and failure to comply with this regulation is punishable. The transmission of communications by amateur stations is subject to a fine not exceeding 1,000 francs. The operator is also required to obtain a license following examination as to qualifications. The fee for this examination is 20 francs.

Sets in use 414.712. Stations 7.



TURKEY

General 11 is estimated that there are approximately 29,000 sets in use. The demand has been growing rapidly in recent years and the potential demand is, according to importers and dealers, large. The market will, however, probably depend to a large extent upon the development of local broadcasting, particularly after the new station is in regular operation. There is always the possibility that the government, in order to have at band a means of propaganda which could be used for the furtherance of the educational and agricultural programs might facilitate the use of radio sets through lower customs duties, or editer means.

In the absence of definite statistics, it is reliably estimated that sales of radio sets in Turkey during the season 1937-38 were approximately 15,000 sets, as compared with 7,200 for the previous year.

Probably the principal brake on radio sales generally is the low average purchasing power.

Types of Sets The appearance of the radio cabinet has a great deal to do with the sale of radio sets in Turkey. Very frequently the appearance is the deciding factor rather than the salesman's exposition of the superior quality and mechanical advantages of the set. There is no particular preference as to dials. However, dials showing the names of stations are highly appreciated.

Sources of Supply—Of the estimated 15,000 sets sold during the 1937-38 season, about 7,200 were from the United States, 3,500 from the Netherlands, 1,500 from the United Kingdom, 825 from Germany, 400 from Sweden, and 200 from Hungary -- 48 per cent American and 52 per cent Euro-

A feature of the Turkish radio market during the past two years has been the shift in preference

from European to American sets.

Patents - There is no patent interference with the sale of American sets and tubes. While both the United States and Turkey are signatories to the International Convention for the Protection of Properties, it is desirable for American companies doing or planning to do any business in Turkey to register their trade-marks in their own names rather than that of local representatives.

Tariffs and Restrictions There are no restrictions on the importation of American radio items.

Broadcasting-There are at present only 2 broadcasting stations in Turkey, both operated by the Direction Generale des P.T.T., as follows: Ankara, TAE, 230 kilocycles, 7,000 watts; Istanbul, TAL, 186 kilocycles, 8,000 watts.

Programs -There is a considerable difference of opinion as to the popularity of programs broadcast by the local stations. In general, the older generation and the middle and lower classes prefer local broadcasts as they always include native Turkish music. The better classes, particularly the younger people, usually prefer broadcasts from European stations.

Advertising-While radio advertising is allowed and the advertising rates fixed by law a few months ago, it has so far been very little used. advertising has been done over the Istanbul station, but is believed to have met with but limited

success.

Regulations Regulations are covered by a law of June 9, 1937, whereby all radio transmitting and receiving sets were placed under government

Broadcasting is a government monopoly and amateurs are forbidden to own or operate transmitting sets.

Sets in use -- 29,000.

Stations -2.

UNION OF **SOUTH AFRICA**

General -Approximately 200,000 receiving licenses are now in effect, but as each license covers all the sets owned by an individual, the number of sets in use is considerably larger. Imports number about 75,000 sets annually, indicating a total number of sets about double that of the licenses. Nearly half the licenses issued are to persons in the Transvaal, and most of the rest in the Cape provinces and Natal. There is a steady and rather consistent demand for standard type sets with 5 to 11 tubes.

Sources of Supply The United Kingdom is the chief source of supply for transmitting equipment used in South Africa. Two English companies, Mareoni and Standard, supply practically all of the transmitting equipment used. American equipment is considered excellent but prices on it are usually out of line. The United States, however, furnished the bulk of radio receivers imported for several years. During the 8 months ending August, 1938. the United States supplied 76 per cent of the sets imported as compared to 78 per cent during the year 1937. In value the proportion dropped from 71 to 61 per cent. The United Kingdom share increased from 8 to 11 per cent by number and 11 to 18 per cent by value. The Netherlands and the United Kingdom are the only other important suppliers to the Union and between these three countries 98 per cent of the business is held. The United States is also the most important supplier of radio accessories.

Patents There has been no interference with the sale of sets, tubes, or other radio equipment aris-

ing from patents.

Tariffs and Restrictions—Import duties now in effect are as follows: Under Item 154 of the Customs
Tariff of the Union of South Africa, radio or
wireless telegraphy and telephony instruments, apparatus, and accessories, but not including bat-teries, when imported for merebant ships or for aircraft or by persons licensed by the Postmaster-General to conduct a public radio service, are admitted free, but otherwise pay ad valorem rates of 5 per cent minimum, 15 per cent intermediate, and 20 per cent general. All importations are subject to the intermediate duty, except British, which pay the minimum rate.

There are no other duties or taxes affecting

American importations into the Union.

Short Wave-The popularity of short wave in all of Southern Africa receives particular impetus hy the remoteness of the territory and the lack of

variety in local programs.

The South African Broadcasting Corporation at the present time is broadcasting on short wave from four stations. England, Germany, Italy, and France have been beaming programs to South Africa for some years. Germany and England in particular are well received during most of the American programs are highly considered, but have been difficult to receive. Best reception

is on 9, 13, and 16 megacycles.

Broadcasting—The Broadcasting Act of 1936 pro-vided for the formation of the South African Broadcasting Corporation which has now taken over the monopoly of broadcasting formerly held by the African Broadcasting Co., Ltd. The Corporation is a quasi-governmental company deporation is a quasi-governmental company designed to operate free from political control or influence under a Board of Governors appointed by the Governor General. Programs are about 60 per cent musical, including about 35 per cent lighter compositions. Educational programs account for about 40 per cent of the total time. The lack of local talent is a serious obstacle.

Advertising-There is no radio advertising in the Union, but a commercial station at Lourence Marques, Portuguese East Africa, offers some

coverage of the country.

Transcriptions- Considerable use is made of record-Both English and American are used, the American being slightly more popular. A receiving station to record foreign programs for rebroadcast is contemplated.

Regulations - Licenses are required for the owner-ship and operation of receiving sets, the fees being graduated according to a zone system.

Sets in use 400,000 (estimated).

Stations-II.



UNION OF SOVIET SOCIALIST REPUBLICS

General The foreign trade of the Soviet Union is a monopoly of the State and is conducted under the supervision of the Peoples' Commissariat for Foreign Trade by a number of trading companies, each of which specializes in certain commodities. Purchases of American goods are made in the United States by a trading agency maintained in New York. On Jan. 1, 1936 (last statistics available) there were 350,000 receiving sets in the Soviet Union. Most of the sets in use are 4-tube table models.

Radio equipment on the market is almost ex-

clusively of domestic manufacture. Patents—Soviet industry is engaged in copying on

an extensive scale machinery and other articles which have been invented and patented in other countries, samples or descriptions of which it has obtained by purchase or otherwise. The Soviet government is not a party to the Convention for the Protection of Industrial Property (Paris, 1888) or to any of its revisions.

Tariffs and Restrictions—The Collection of Customs Tariff of the U. S. S. R. 1935 provides, under item 92, minimum and maximum rates on radio apparatus of 25 and 30 per cent ad valorem.

Central Receivers -There are reported to be over 10,000 central receiver systems, with approximately 3,000,000 outlets.

Television Considerable television experiment is in progress and there is a regular transmission system in Moscow.

Short Wave--American short wave broadcasts are received by good sets, but this class of short wave receivers is rarely seen, most of those in use belonging to foreigners. American broadcasts have occasionally been rebroadcast in the Union.

Programs—The All-Union Radio Committee and local committees in 70 areas of the Union have general charge of the programs. Each committee has divisions devoted to art, socio-political, juvenile, educational, and local programs.

Advertising—There is no broadcast advertising, other than service broadcasts indicating where commodities may be purchased. This is without any competitive character.

Transcriptions—About one-third of the total broadcast time devoted to music is of recorded material. No advertising transcriptions are used.

Sets in use--350,000,

Stations-72.



UNITED KINGDOM

England, Scotland, Wales, Northern Ireland, and Minor Islands

General—The total number of licenses in force at the end of 1937 was 8,479,600. This does not represent the total number of radio sets in use in the country, as one license may cover more than one set and there is doubtless a certain additional number of unlicensed sets being operated illegally. In one month there were 373 successful prosecutions against individuals operating radio sets without a license. There are about 11,500,000 homes in Great Britain.

Demand for Sets—It is estimated that during the last 2 years the majority of the business has been in replacements. The sales of sets to new users will continue slowly, but in the future the replacement business will be the most important. Makers are doing everything they can to urge home owners to install more than one set, one company going so far even as to suggest a radio in the bathroom. The most popular sets in the United Kingdom are those costing between £9 9s, and £15 15s, table models with from 6 to 8 tubes, and operating on 3 wave bands, long medium and short. The demand for short wave sets, or rather all-wave sets, continues to increase. Radio costs have gone up in general with other raw materials, and radio sets in Great Britain cost more today than a year ago.

Sources of Supply-The British Radio Manufacturers' Association has been active for several years in developing expedients by which foreign goods may be excluded from competition in the British market, especially through pressure upon wholesalers and retailers. Several plans have been tried, employing both punitive measures against dealers in foreign goods through restricting their supplies of British products, and by rewarding dealers handling British goods exclusively through added discounts. The "Mutual Trading Agreement" or the convention between British radio manufacturers and wholesalers formed in 1931. was terminated at the end of May. By this agreement or convention which had been originally sponsored by the British Radio Manufacturers' Association, manufacturers had agreed to limit the value of foreign components incorporated in a radio set or phonograph combination to 5 per cent of the retail value of the set.

Patents—The sale of American sets on the British market until late August was severely handicapped by the activities of the Patent Pool, whose policy it was to exclude if possible American sets. This the pool had been successful in doing to a great degree and the imported American sets on sale were as a rule bootlegged into the market. Some American manufacturers have overcome this difficulty in part by manufacturing in England. On August 28, 1938, there was a collapse of the patent pool and the license A-4 expired. On that date all patents vested in the pool reverted to the individual companies which were members of the pool.

Tariffs—It must be understood that information regarding any foreign tariff rate is especially unsable and should be verified as nearly to the date of importation as possible. By communicating with the Division of Foreign Tariffs of the Bureau of Foreign and Domestic Commerce, the latest cabled data regarding any commodity to any country may be obtained. The current import duty on radio receiving sets in the United Kingdom is 20 per cent ad valorem, on tubes 33M per cent, and on radio-phonographs 33M per cent. These duties are levied on landed cost values.

Television See television section.

Short Waves—The BBC has been a leading factor in the development of world-wide short wave. Its facilities were instituted primarily to reach all parts of the British Empire, but as the service became popular shortly afterward, non-British countries have been given special attention, both with regard to directional broadcast, and as to language. The Daventry stations now transmit in several languages, especially in Arabic and Turkish for the Near East and Spanish and Portuguese for Latin America. Six transmitters are in use and two more are soon to be installed.

Government Control—Broadcasting in the United Kingdom is operated by the BBC a semi-governmental organization operating under a charter granted by the Postmaster General with the approval of Parliament. Early in the year, the charter which expired at the end of 1936 was renewed for another period of 10 years. No commercial or sponsored programs are permitted by the charter of the BBC, which is responsible for all programs transmitted through the National and Regional stations and the Empire transmitters as well

Programs The program policy of the BBC remains with a few slight changes the same as in past years. Greater emphasis is being placed on broadcasts to schools and talks than hitherto. The pro-

gram time is allotted on the following scale of program importance: light music, opera and serious music, dance music, news, commentaries and communiques, children's hour and religious services, drama and talks. Recorded programs are used principally during the earlier hours of the broadcasting day and are widely used in the Empire broadcasts. The departments of the BBC are Music, Variety, Drama, Outside Broadcasts, Dance, News, School Broadcasts, Religion, Program Planning, Television, and the Empire Services.

Advertising—As a policy of the BBC, no advertising is broadcast. There is no prohibitory law, however.

Regulation—Every owner of a radio set is required by law to obtain a license which costs 10 shillings annually and is good for 12 months. One license will cover any number of radio sets in one house but a separate license is required for car sets. The only exemption from this license fee applies in the case of blind persons. Receipts from the license fees are applied to the cost of programs after a percentage has been deducted for the use of the National Exchequer. The BBC receives 6 to 7 shillings of each 10-shilling licensee fee.

Licenses in use-8,689,850.

Stations-17, plus 16 short wave.



URUGUAY

General—In view of the foreign exchange restrictions now in force which serve to handicap imports both of sets and parts for assembly, the demand for radio sets and equipment is greater than the supply. No census of radio receiving sets in use is available, but the number is estimated at 125,000. It is estimated that annual sales of receiving sets numbers 20,000. Large majority of sales are made in Montevideo.

Sources of Supply—The United States is by far the leading source for sets and parts. The United States has a secure position in this market which has yet to be seriously challenged.

Approximately 90 per cent of the market's requirements are of domestic assembly.

Patents - No patent interference with the sale of American sets and tubes has been experienced.

Tariffs and Trade Restrictions—The duty on radio sets and loudspeakers is 120 per cent of a fixed valuation of one peso per kilogram, or 1.20 pesos per kilogram; 25 per cent of this duty must be paid in gold or in currency to the equivalent of Uruguayan gold par. The duty on spare parts and accessories is 120 per cent of a fixed valuation of 80 centesimos per gross kilogram.

Short Wave -The demand for short wave sets is gradually increasing. European and American stations are received, although the latter have been heavily blanketed, especially by the Berlin transmitters. Local interference causes considerable difficulty.

Broadcasting—Thirty-nine stations are reported to be operating. In addition there are 24 short wave stations, all in Montevideo.

Programs—Most of the domestic programs consist of the playing of records, interspersed with aunouncements. The official government station given no advertising and frequently plays long symphonies or opera selections without interrup-

tion; it also broadcasts concerts, meetings, speeches, etc. The programs are popular as there are often as many as 25 stations on the air simultaneously in Montevideo alone.

Advertising by Radio Advertising is done on practically all but the official station. The general practice is to make two announcements between phonograph records.

Sets in use- 125,000.

Stations-63.



YUGOSLAVIA

General—Registrations of sets totalled 122,455 on May 31, 1938. There is believed to be a considerable number of unlicensed sets. About 60 per cent of the registrations are in the Belgrade district. It is estimated that from 15,000 to 20,000 sets are sold annually. The demand is distinctly seasonal, highest in winter.

The chief demand is for cheap sets. Table model 5-tube superheterodynes, with dials showing the names of the stations are most popular. Console models with illuminated dials showing station names are also in some demand.

Sources of Supply—Foreign competition is confined to a few large firms. The first of these is Philips, represented by Philips Jugoslovenska Trgovacko A.D., a subsidiary. The second firm is Telefunken, with other firms, well known but less important, such as Ingelen. Orion, Standard, and Blaupunkt, as well as a few American.

Patents—Patents are controlled by the local Siemens-Halske subsidiary, representing Telefunken. This firm has sued several important importers of American sets for infringement, and has obtained favorable decisions in local courts, so that importers of American sets are forced to pay a royalty of 100 dinars per set.

Tariffs and Restrictions—Radio sets and parts, together with certain other merchandise is prohibited from importation into Yugoslavia when from countries having no clearing agreement with that country. The United States has no such agreement. The only exception is that permits may be issued when the importer undertakes to export a compensating amount of Yugoslav goods to the United States. This is very difficult of accomplishment.

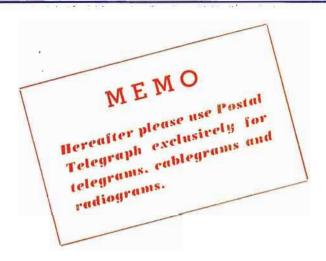
Short Waves—In addition to the Belgrade short wave station, others in Asia, Africa, and the Western hemisphere as well as Europe are received readily. American stations do not come in well during the usual listening hours in Yugoslavia.

Broadcasting Yngoslavia has 4 broadcasting sta-

Broadcasting is organized by the Government, which reserves all rights of supervision and control. Concessions are granted for 10- and 20-year periods. The service is supported by license fee receipts.

Programs—The three medium wave stations operate frequently as a claim, each on occasion serving as key station. Programs are general and varied. International programs are often relayed. The short wave station broadcasts in French, Italian, English, German, Hungarian, Greek, Turkish, and Albanian. The programs are general, but are designed rather to illustrate Yutgoske customs to foreign listeners than for Yugoskav reception. There is, however, an effort to serve Yugoslav emigrants abroad.

Sets in use -122,455. Stations-4.



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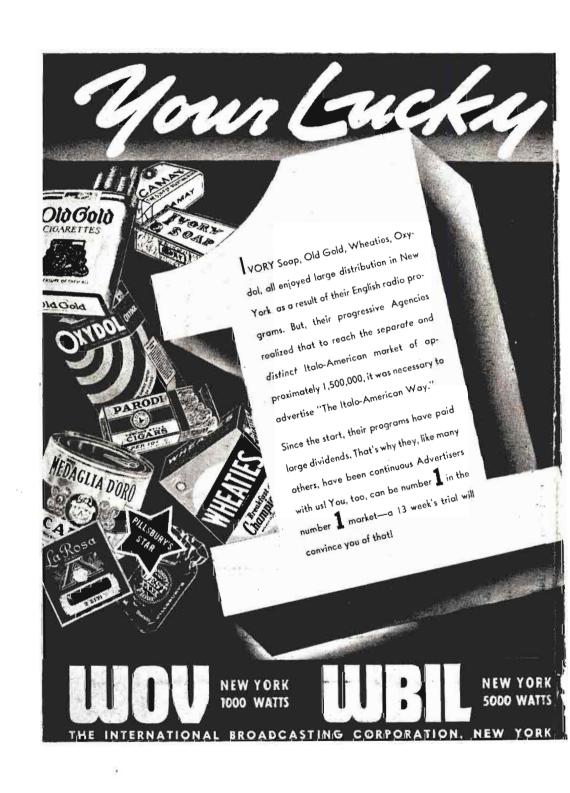
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