

1946

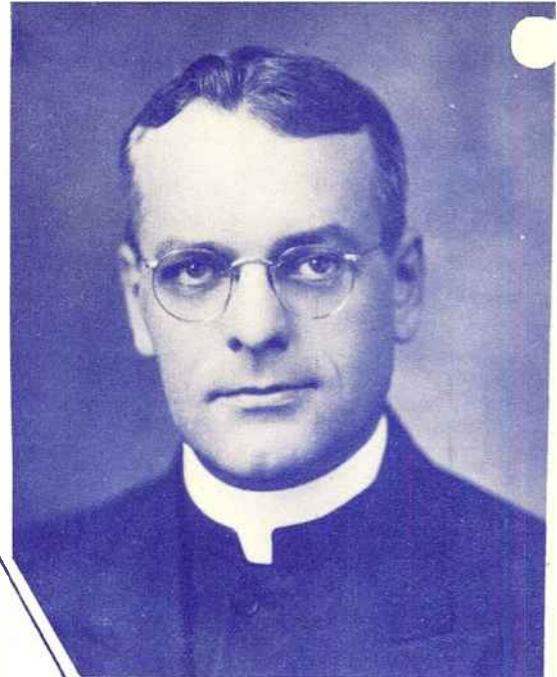
*Going Forward*  
with **R A D I O**



**W T A Q**

*Serving Wisconsin & Michigan*  
**GREEN BAY, WISCONSIN**

REV. JAMES A. WAGNER, O. PRAEM.  
Managing Director



COLUMBIA NETWORK

REV. JAMES A. WAGNER, O. PRAEM  
MANAGING DIRECTOR  
HAYDN R. EVANS  
GENERAL MANAGER



GREEN BAY  
WISCONSIN

5000W NIGHT AND DAY

Dear Friends:

This Album is cordially dedicated to the  
Radio Families of northeastern Wisconsin. We hope you  
will enjoy "Going Forward with Radio". Many of its fields you  
such as Radar, Television, Facsimile and Frequency  
Modulation, are still in its infancy. Many of its branches of  
their future, are assured...in experimental stages. But  
and useful as today's Radio Broadcasting,  
hope that it will further personalize to the you...in the  
which grows between a station and its listeners.  
Bay...between We have quite a large Staff here in Green  
Radio. You'll find their Pictures, as well as their  
story, on the following Pages.  
And we must not forget to add that you, and  
your family and friends, are always welcome at our  
studios here in the Bellin Building.  
Here's hoping you'll pay us a visit in the  
very near future.

Cordially,  
*James A. Wagner*  
Managing Director  
WTAQ

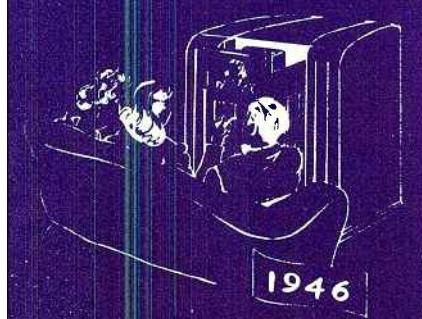
JAW/ls

HAYDN R. EVANS  
General Manager



# A Quarter of a Century of Broadcasting

in  
America



The year 1945 marks the Twenty-fifth Anniversary of the American system of broadcasting. Radio was not, as you might say, "discovered" in 1920. Experiments had been going on for a number of years.

.. In 1920, however, radio ceased to be an experiment and became a permanent adjunct to life in America. How permanent and how much of an adjunct remained to be seen, but it was in 1920 that broadcasting as we know it today was born—with the realization that here was a great instrument of public service.

.. In 1922, two years later, radio advertising began, with the acceptance by station WEAF, New York City, of commercial copy from the Queensboro Realty Company—and America may be everlastingly grateful that such a vital medium of mass communication gained early support from advertising, which insured its freedom and placed it alongside our free press as another guardian of the rights of people.

.. Today there are more than 900 broadcasting stations in the United States. There is scarcely a spot in the nation where one or more of them cannot be heard.

.. These broadcasting stations range in power from 250 to 50,000 watts. They operate on wave lengths ranging from 550 to 1600 on the dial. Obviously, some stations have to operate on the same wave lengths and either shield one another or operate on low power because 900 powerful stations could not be crowded into approximately 1,000 spaces on the dial. There would be wholesale confusion, with interference ruining every program on the air.

.. Radio engineering is responsible for the near flawless reception of radio programs today, with the radio dial crowded to capacity. Miracles have been performed which parallel the invention of radio itself.

.. Personnel in radio, although not great from the standpoint of numbers, has always presented a problem from the standpoint of training and natural talent. Approximately 25,000 people are employed in the broadcasting industry in America. Thousands more could be added by taking in those who are employed in the medium of radio, that is, producing shows for advertising agencies, making transcriptions for broadcast purposes, writing for radio, representing stations and otherwise earning a living from radio work.

.. Accessibility is one of the more obvious characteristics of radio. Once the initial investment has been made, the radio set is always there—in the home, family car, lunch room, hotel lobby and club car. It can be turned on with a flick of the wrist. It can be tuned from station to station with a twist.

.. The full significance of this ease of listening becomes evident when you realize that today more than 31,000,000 homes are radio-equipped—that radios are more widely used than almost any other commodity.

.. A generation or two ago, life was relatively simple—people understood what was going on in their communities, and some understood what was happening in the country as a whole. Beyond that, most people knew little and cared less.

.. But today, because of radio and other rapid means of communication, the world is crowding in. People are bombarded daily with information about what is occurring all over the world. Most people are interested in these events because they realize that, in the long run, they can affect life in their own communities.

.. Radio has come to mean more to them in recent years. They have a different conception of its mission in the world. They have heard it do terribly important things. It has taken them to inconceivable places, brought them voices and personalities who are changing the shape of the world.

.. Assured of economic support by the free enterprise system of America and acclaimed by the public, radio will expand its service into many fields. New types of broadcasting—facsimile—television—all may flourish after the war.

.. The story of radio is the chronicle of American life and times during the past quarter century. Where radio has gone, what it has reported, the personalities and events it has brought to the people, are the popular history of a great American era. The re-enactment, and in many cases the actual rebroadcast of these stirring episodes will stand without equal as an appeal to the patriotism of all Americans.

*Excerpts from speech by  
J. Harold Ryan, Pres. N.A.B.  
February 7, 1945*

Forward artillery observation post  
in Germany.



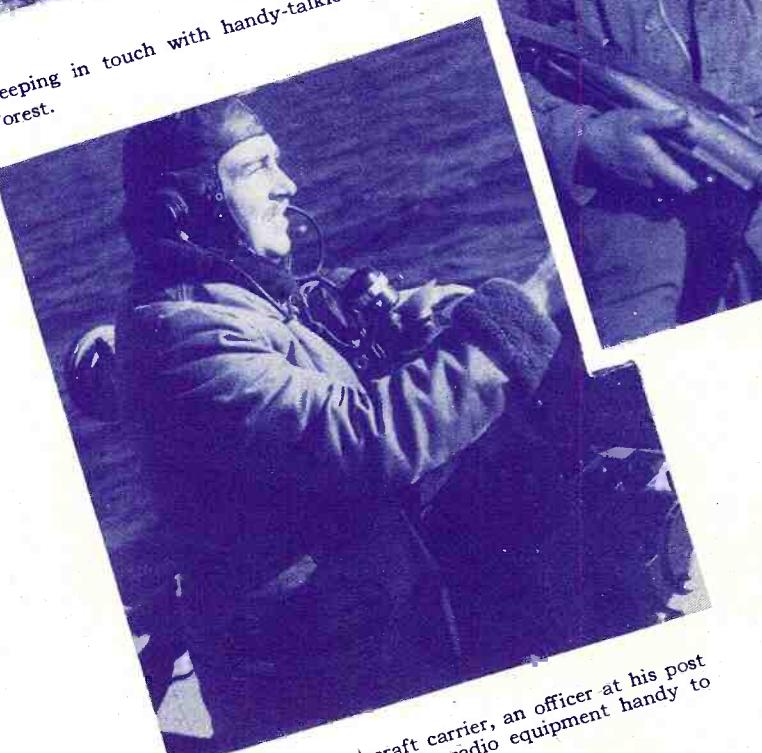
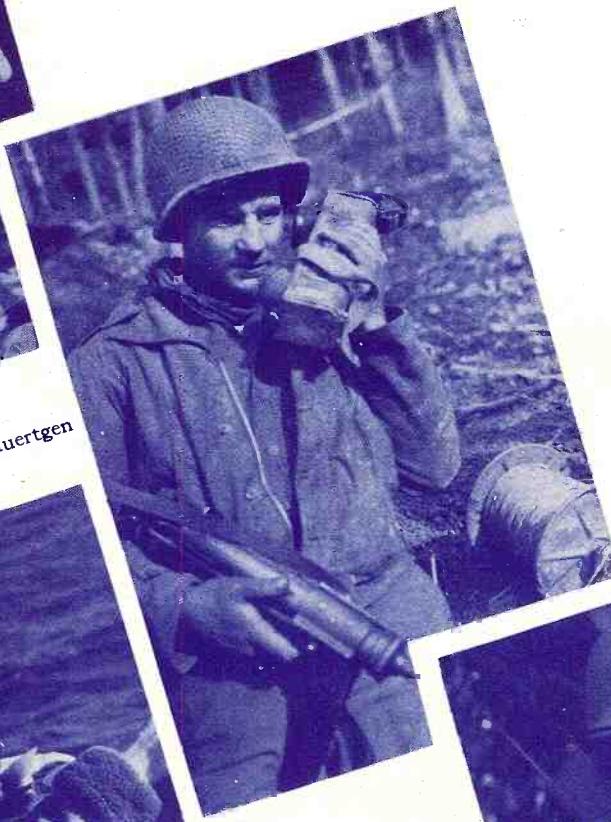
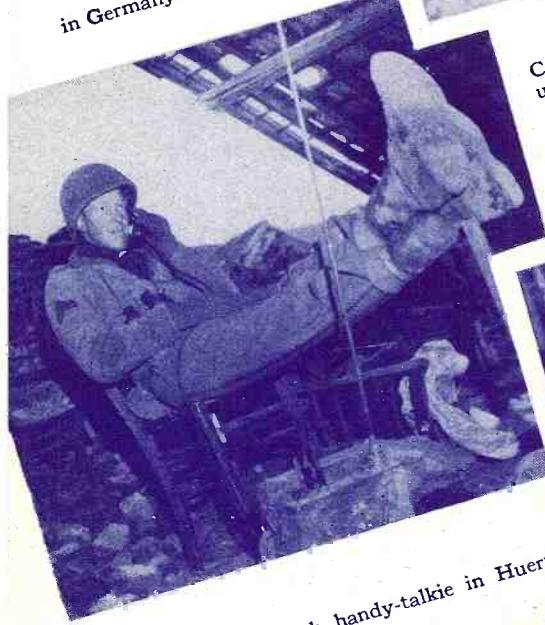
Commanding Officer of a tank company in France,  
using the inter-tank radio.



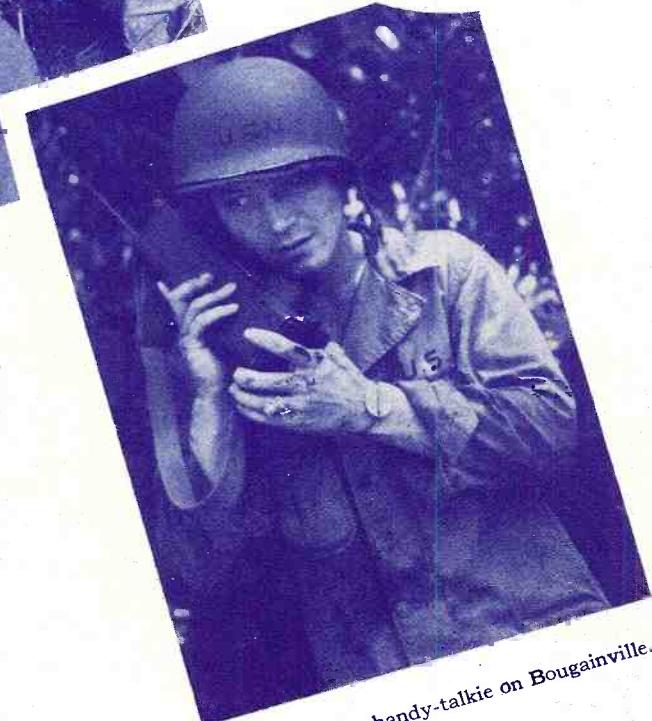
An instructor teaches women Marines the opera-  
tion of a radio direction finder in this special Marine  
Radio School.

## RADIO from War

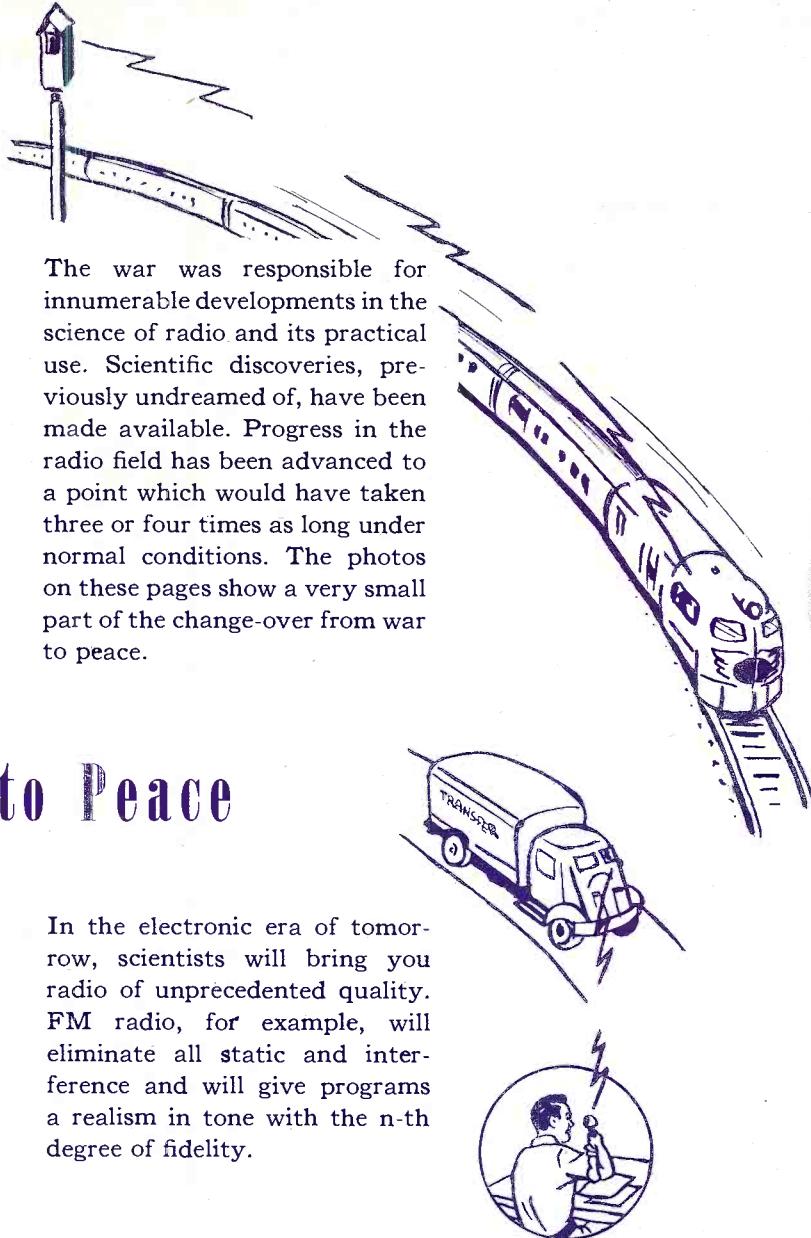
Keeping in touch with handy-talkie in Huertgen  
Forest.



Aboard a US aircraft carrier, an officer at his post  
on lookout duty, with radio equipment handy to  
flash a warning signal.



Reporting by handy-talkie on Bougainville.



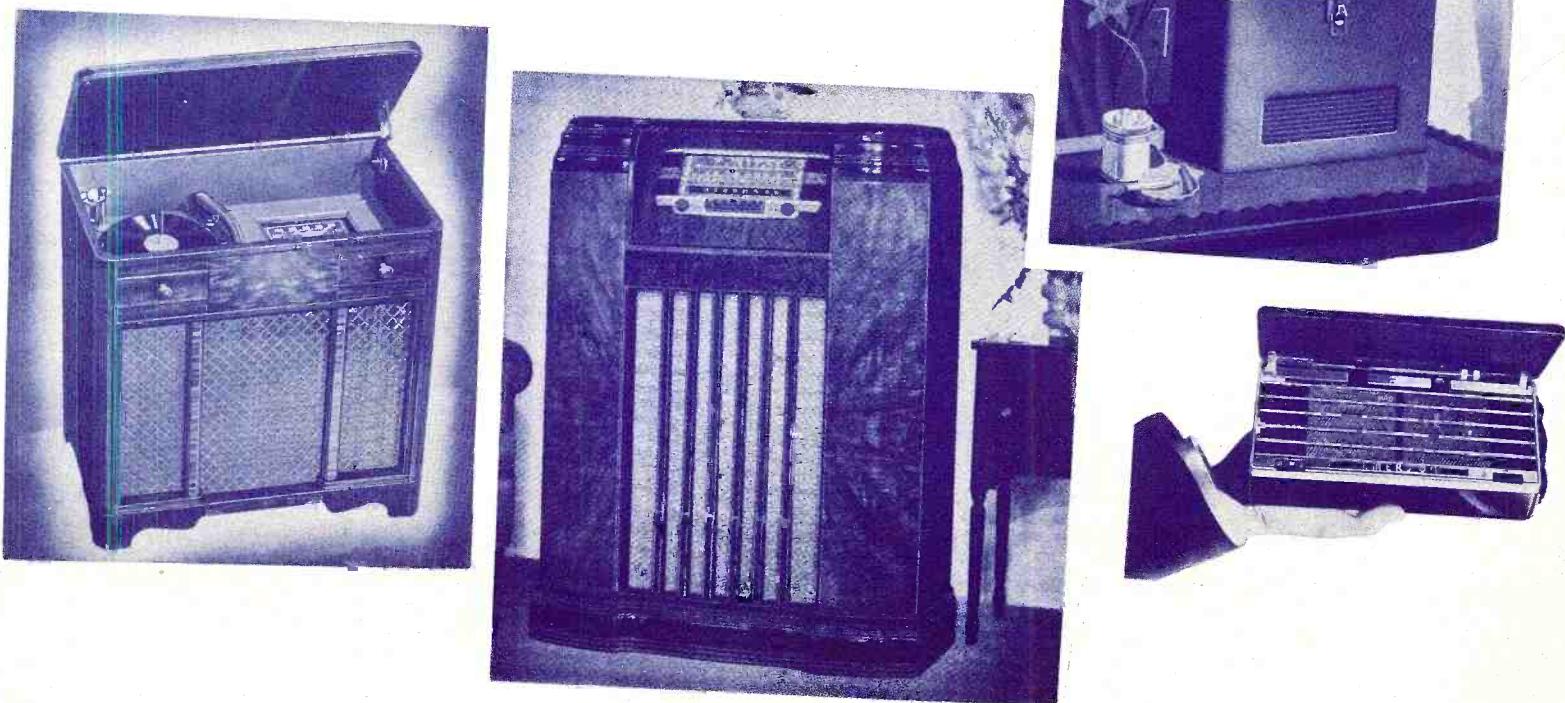
The war was responsible for innumerable developments in the science of radio and its practical use. Scientific discoveries, previously undreamed of, have been made available. Progress in the radio field has been advanced to a point which would have taken three or four times as long under normal conditions. The photos on these pages show a very small part of the change-over from war to peace.

## to Peace

In the electronic era of tomorrow, scientists will bring you radio of unprecedented quality. FM radio, for example, will eliminate all static and interference and will give programs a realism in tone with the n-th degree of fidelity.



## A Few of the Radio Sets of Tomorrow



# Status of FM



Frequency Modulation (FM) broadcasting, practically all radio experts now agree, may some day replace the type now generally heard except for a few strategically-located high-power stations which will be needed to serve remote rural areas not now receiving any service.

By mid-1945 there were 46 commercial FM stations operating in the United States. Seven others were nearing completion. An additional 24 FM stations were operating experimentally and about 444 applications were on file with the FCC for permission to build FM stations. About 600,000 persons already possess FM receivers.

**FM WILL BRING NO MORE PROGRAM FADING**

**FM WILL STOP INTERFERENCE BETWEEN STATIONS**

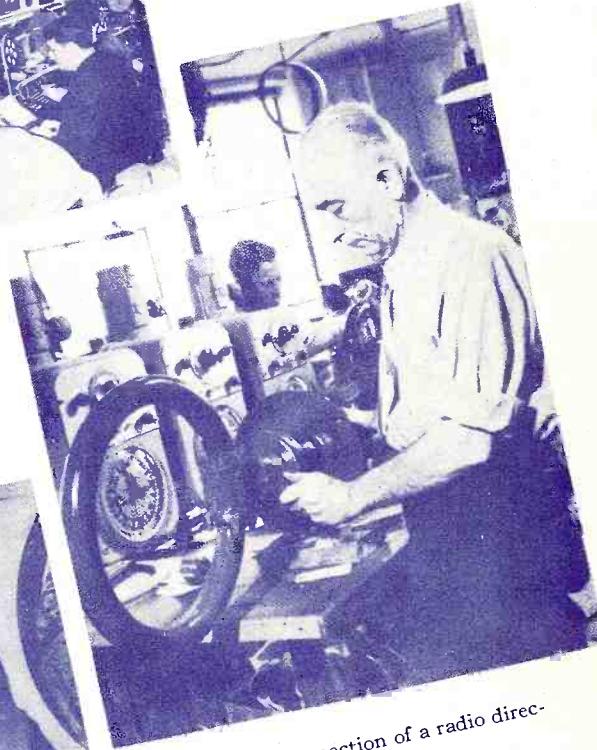
**FM WILL ELIMINATE STATIC AND OTHER ANNOYANCES**



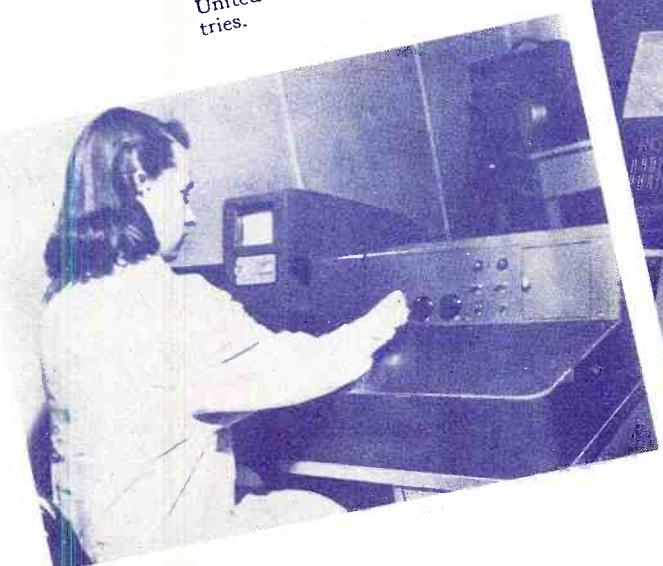
Charles J. Young, specialist in radio facsimile, directing an experiment by Harold C. Greig, at RCA Laboratories.



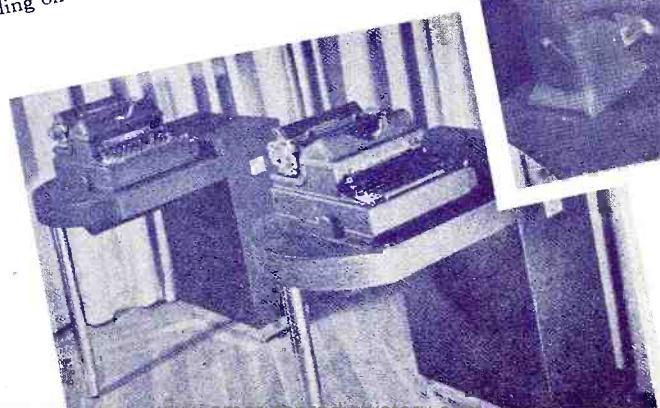
Radiograms to and from all parts of the world stream along the RCA communication lines.



Final inspection of a radio direction finder loop.



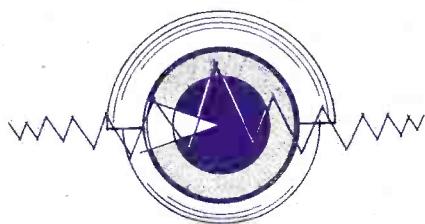
Console model of the RCA electron microscope enables photographic enlargement up to 100,000 diameters, depending on the subject matter.



IBM radio typewriters, shown above, will be one of the business services offered by IBM and G-E in their planned transmission facilities.

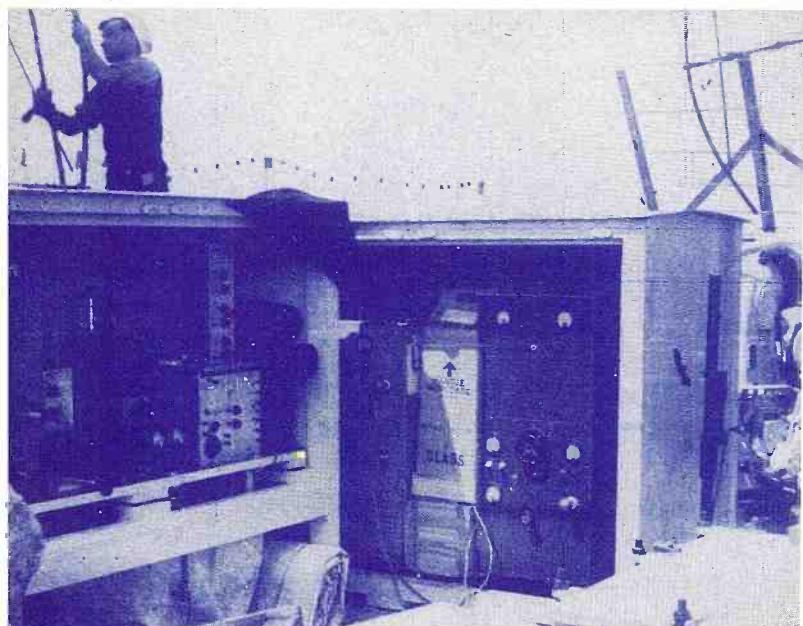


The RCA electronic sewing machine seams thermoplastic materials.

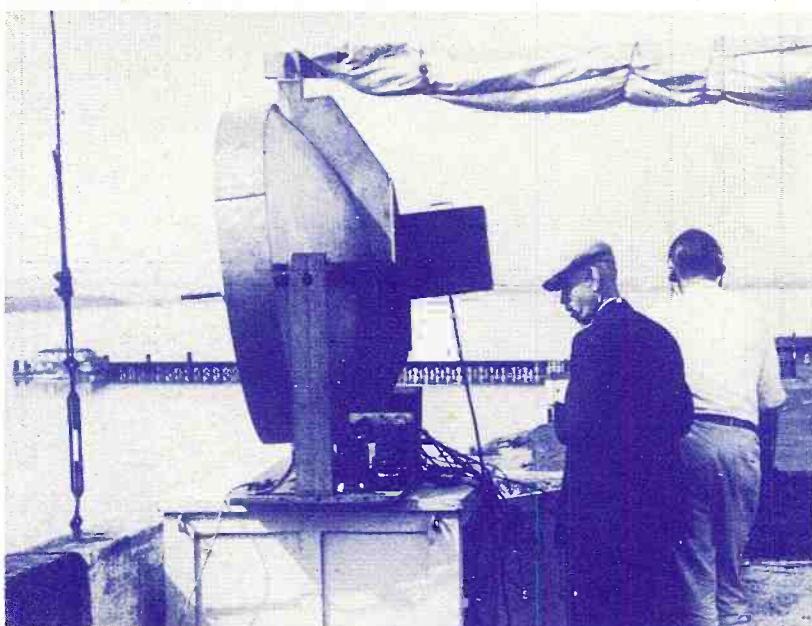


# R A D A R

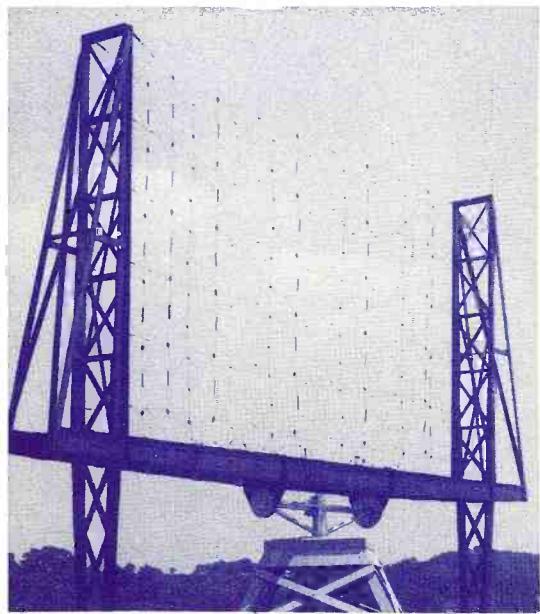
. . . SILENT WEAPON OF WORLD WAR II  
TO BE ADAPTED FOR PEACETIME USE



First radar installation on a ship,  
mounted on a gun on the old  
USS LEAHY in 1937.



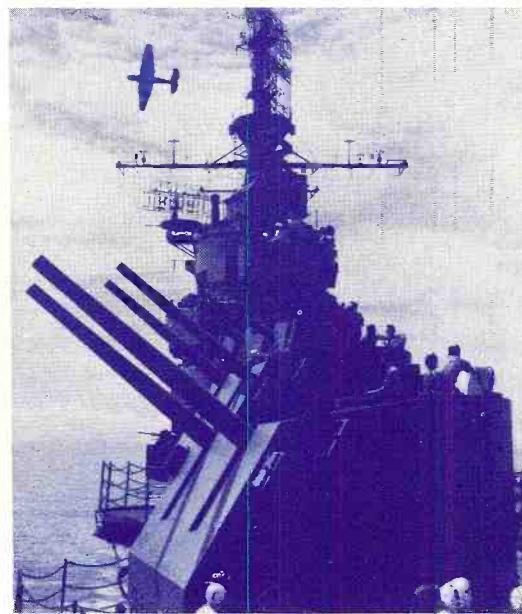
Prelude to the first test of radar,  
experimental work on the roof  
of the Naval Research Laboratory  
in Anacostia, D. C.



Close-up of the antenna of the first  
complete radar in Anacostia in late  
1930's.



Two types of radar antennae—  
one housed in radome near  
ground, the other installed on  
towering mast in Pacific.



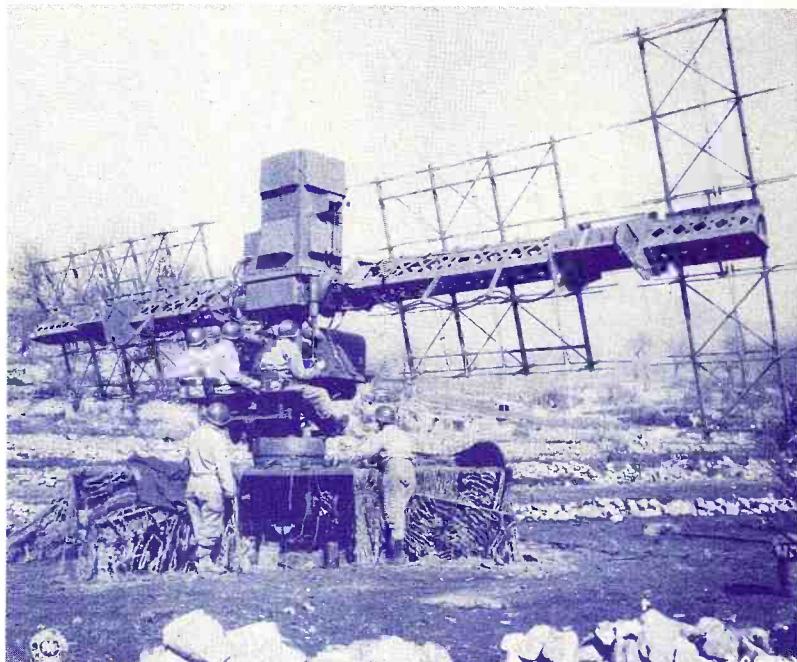
Symbolizing close tie-line of com-  
munications between aircraft carrier  
and plane supplied by radar, photo  
shows Navy Avenger speeding past  
Essex-class flattop with latter's radar  
antennae outlined against the sky.

An electronic 'eye' apparently developed independently by U. S., British, French and German scientists in the 1930's, radar owes much of its rapid growth to the advent of war. First used in detection of surface objects in the near-distance under conditions of poor visibility, radar's range and versatility were quickly extended to provide long-range detection of airborne as well as surface objects, accuracy in fire-control, safety in navigation and identification of distant or unrecognizable planes and ships. To radar goes much of the credit for England's doughty defense in the dark days of the 'blitz'; and much of the credit for 'lighting the road' to Berlin and Tokyo.

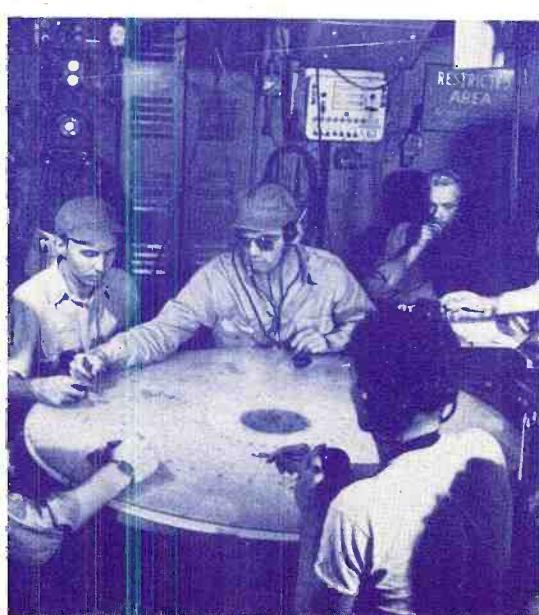
... Scientists have made great strides in converting the principles of radar to peacetime uses—with the extent limited only by the field of imagination.



GI's operate teletype and radio battery at First Army Headquarters in Europe.



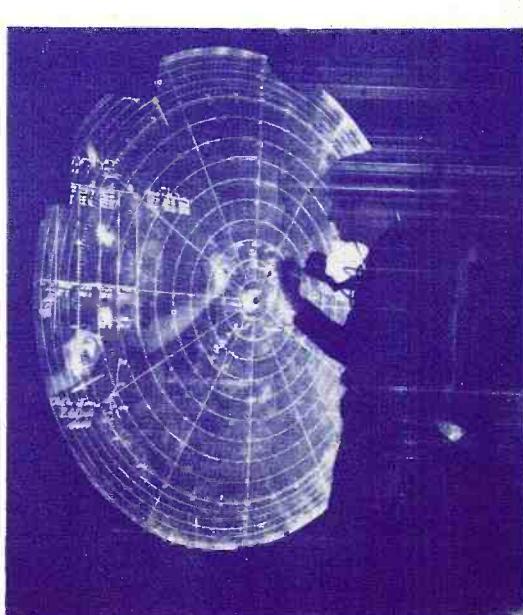
Five-man Army radar crew in Italy track approach of enemy planes.



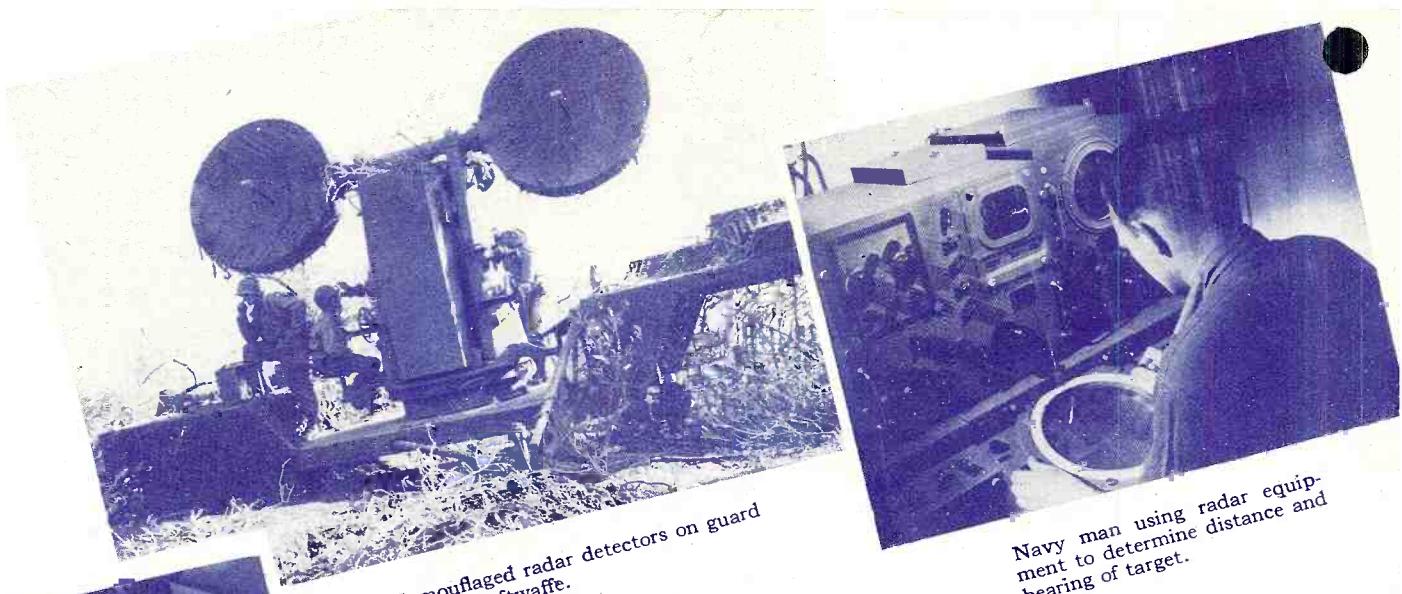
Radar plot room aboard aircraft carrier during operations in China Sea in December, 1944.



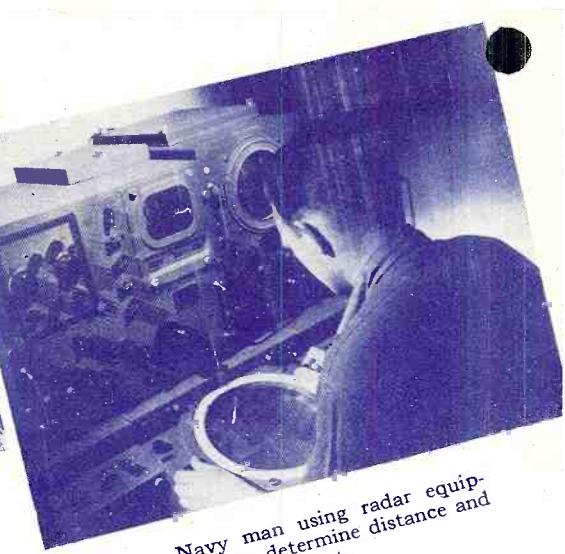
Army radio telephone transmitter station somewhere in England radioing news photos to the United States.



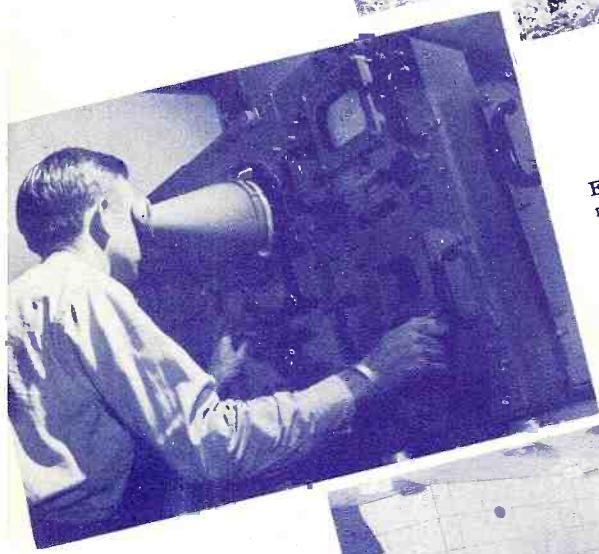
Information provided by radar's electronic eye is marked down on vertical chart in radar plot room aboard aircraft carrier. Behind the transparent chart, other men chart other aspects of incoming information.



Camouflaged radar detectors on guard against Luftwaffe.



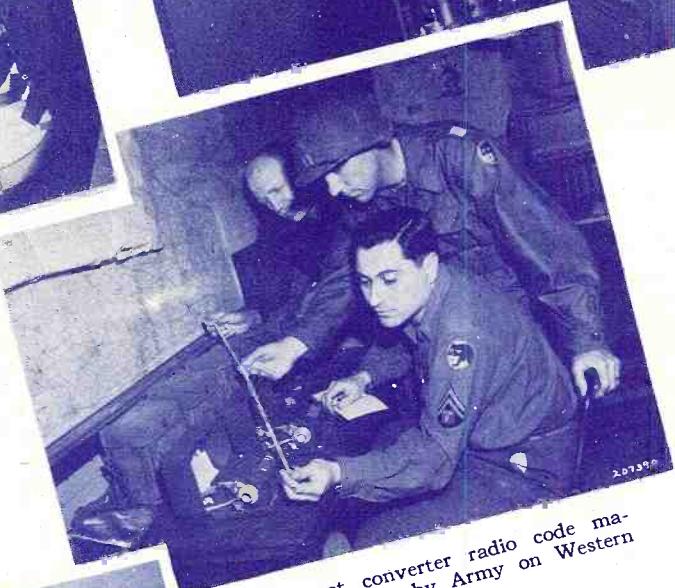
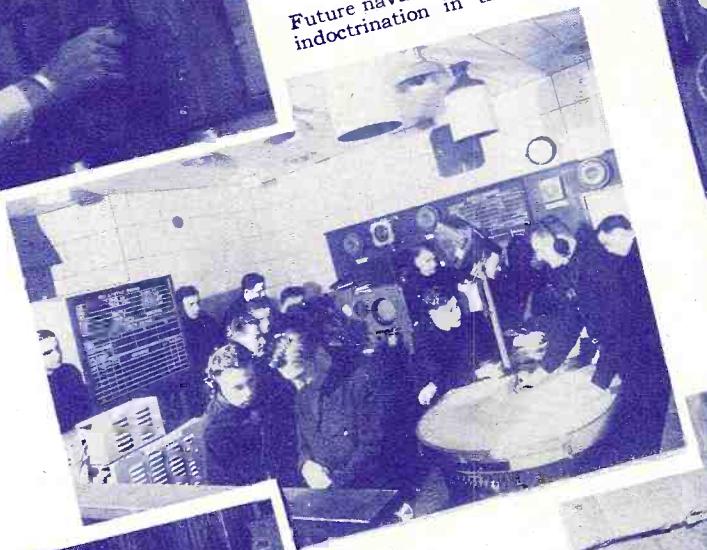
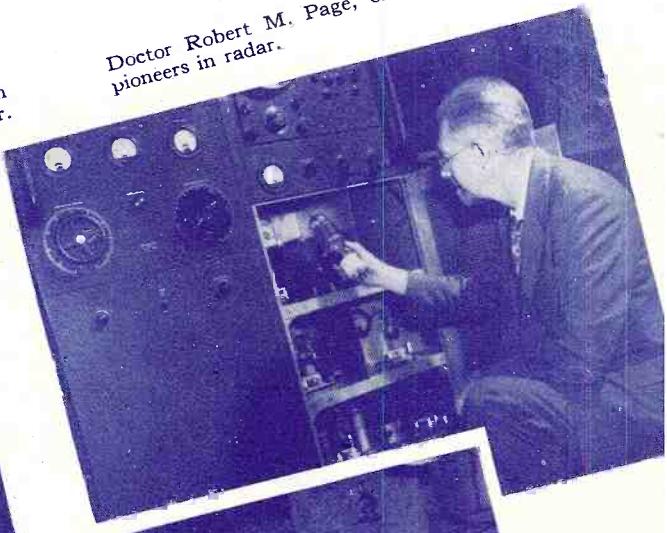
Navy man using radar equipment to determine distance and bearing of target.



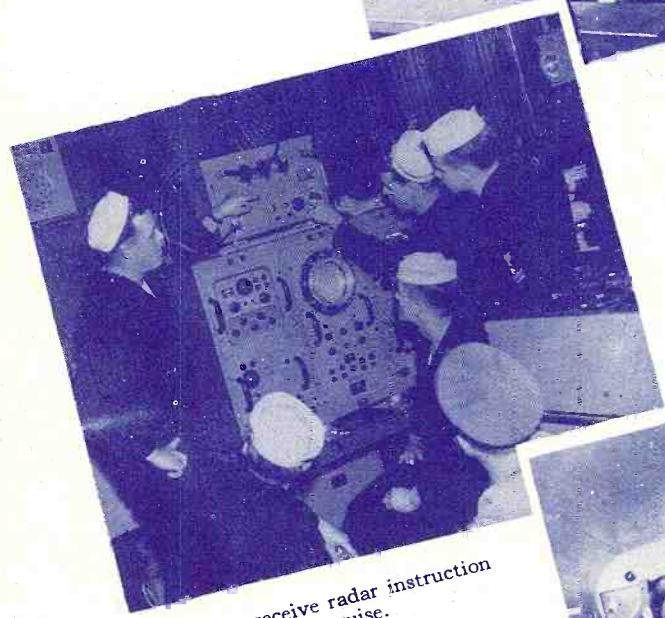
Enlisted man peers at the scope of radar set as he 'peaks the echo' to determine target location.

Future naval flag officers get thorough indoctrination in the uses of radar.

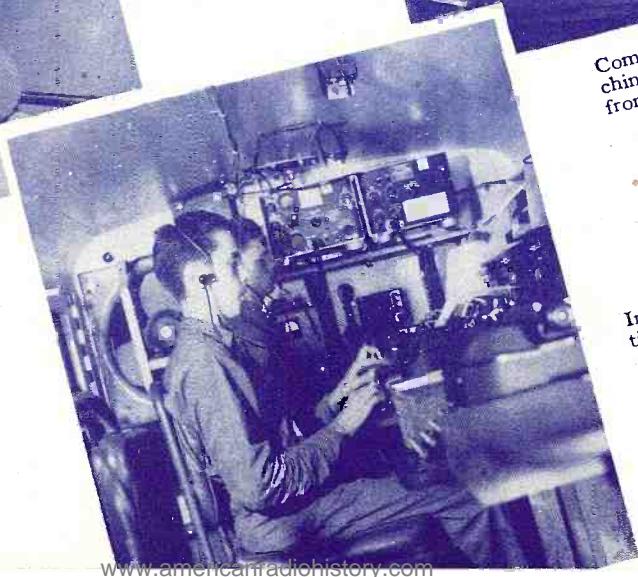
Doctor Robert M. Page, one of the pioneers in radar.



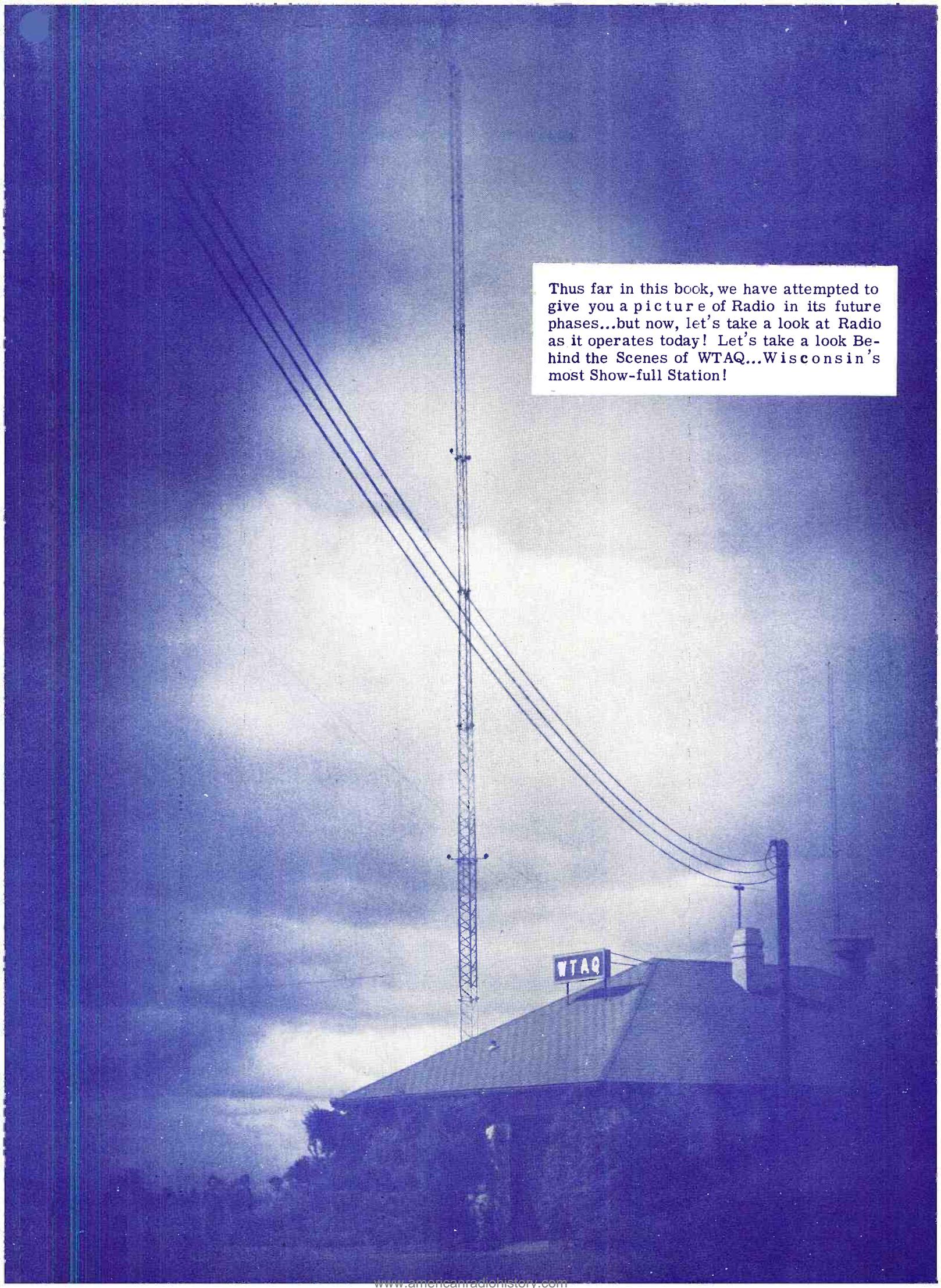
Compact converter radio code machines in use by Army on Western front.



Sailors receive radar instruction on shakedown cruise.



Interior of Army mobile communication unit on Okinawa.



Thus far in this book, we have attempted to give you a picture of Radio in its future phases...but now, let's take a look at Radio as it operates today! Let's take a look Behind the Scenes of WTAQ...Wisconsin's most Show-full Station!

# ENGINEERING

## DEPARTMENT

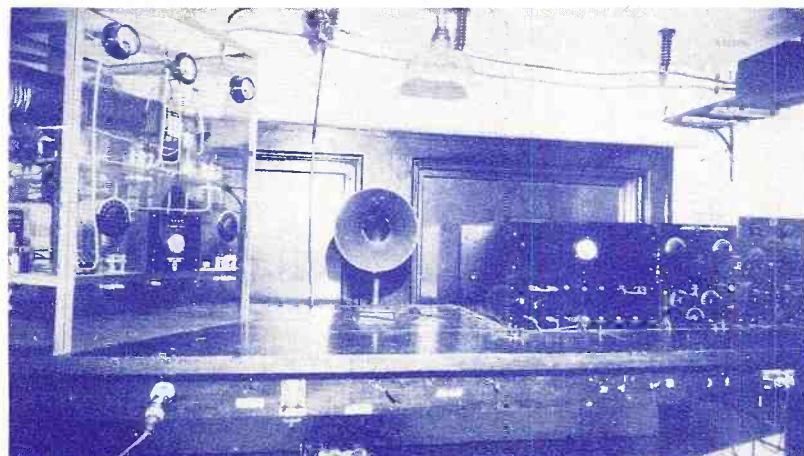
As most of you folks know, our Transmitter is located in West De Pere, just seven miles south of our Studios in the Bellin Building. WTAQ has 5,000-watts power...a power equal to that of any other Wisconsin Station. Until recently, WTAQ was the only Wisconsin Station operating with as much as 5,000-watts, both day and night.



Wallace Stangel is our Chief Engineer. His background includes more than 18 years in the Radio Engineering field. During War time, he conducted Government School in Electronics (Radar) and Radio Theory. We frequently "loan" him to other stations as a Consultant.

Right to Left: Edward Landreman, Julius Debroux, George Merkl—our technical staff.

As proof that Radio marches on...here's a photo of one of our first Transmitters. This picture dates back 20 years.



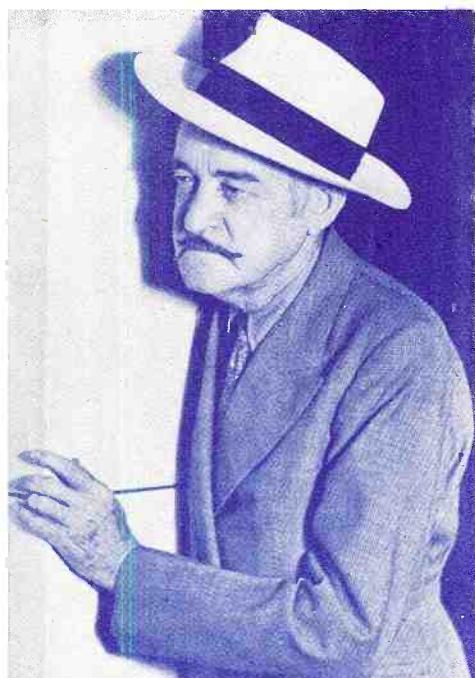
# TOWN HALL

## PLAYERS

Ring up that curtain!... it's Uncle Louie and the Town Hall Players



Meet the Town Hall Players in person. Left to right: Uncle Louie, Bernie Collier, George Freeman, Dorothy Hartnett, Art Andre, Betty Froman, Sam Bright, Curly Klatt, Lee Unsen.

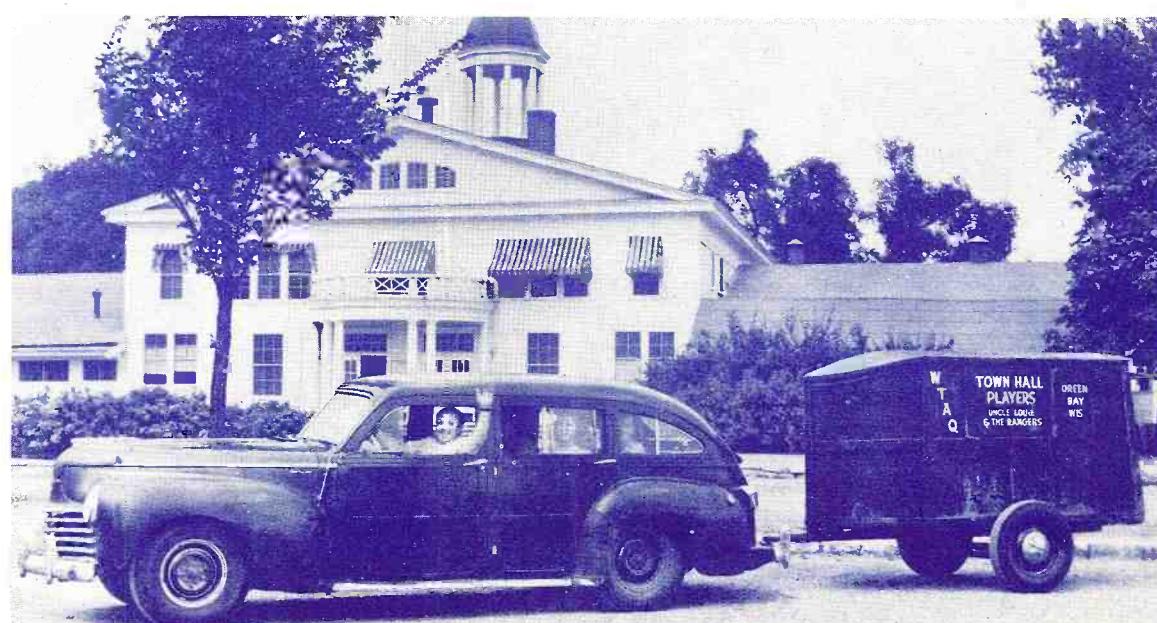
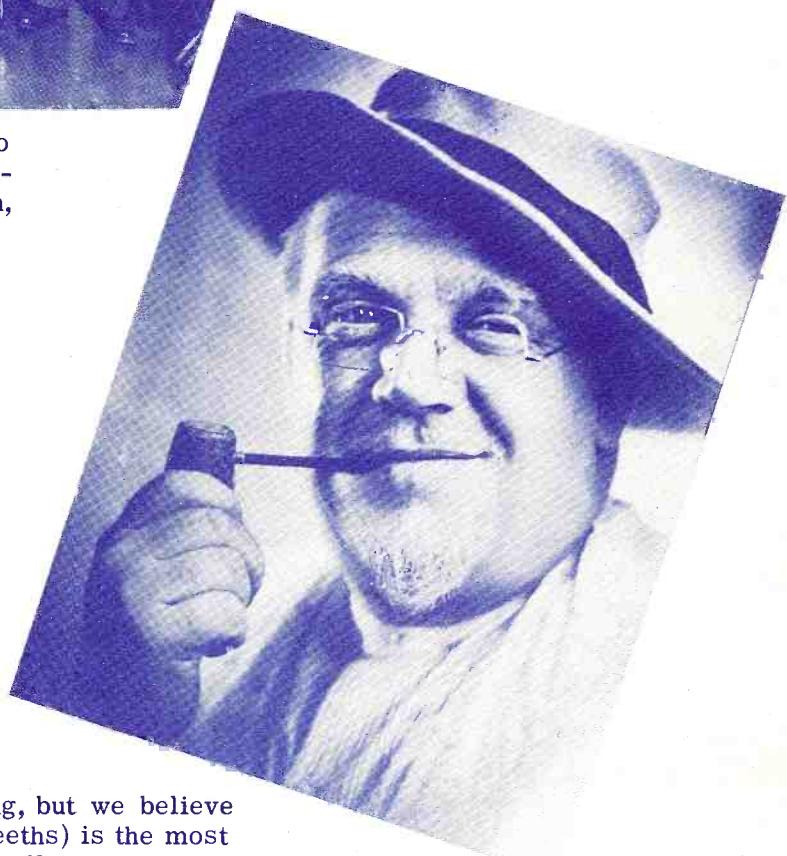


Perhaps we're bragging, but we believe Uncle Louie (Leo Reeths) is the most popular personality in all northeastern Wisconsin. At least, he gets around the most!

Hold everything, girls... here's that black-hearted rascal, Sam Bright, who usually plays the role of Villain.

Night after night, and month after month (ever since 1940) the Town Hall Players have been staging their Shows and Dances in scores of northeastern Wisconsin cities, towns and villages.

Here's Uncle Louie rounding up his actors and musicians for a big Show in Marinette.



# Special Service To RFD Listeners



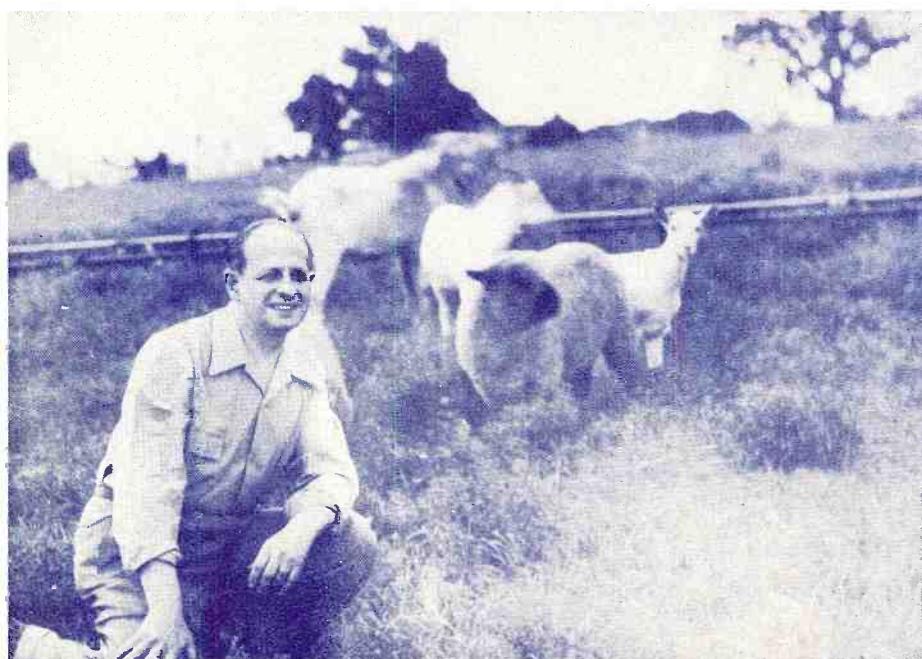
In Milwaukee Livestock Yards, WTAQ has a special Studio. And each noon, Monday through Friday, Hig Murray, one of the key officials at the Yards, broadcasts complete market reports.



There are weather-men and weather-ladies, too. Here is Eleanor Brenneke, who frequently pinch-hits for Herb.



A well-known man in these parts is Herb Bomaleski, Government Weather Forecaster, broadcasting direct from his office in the Weather Bureau. Herb predicts the weather each morning and noon.



In charge of all rural programs is Eddie Jason, WTAQ'S Farm Editor.



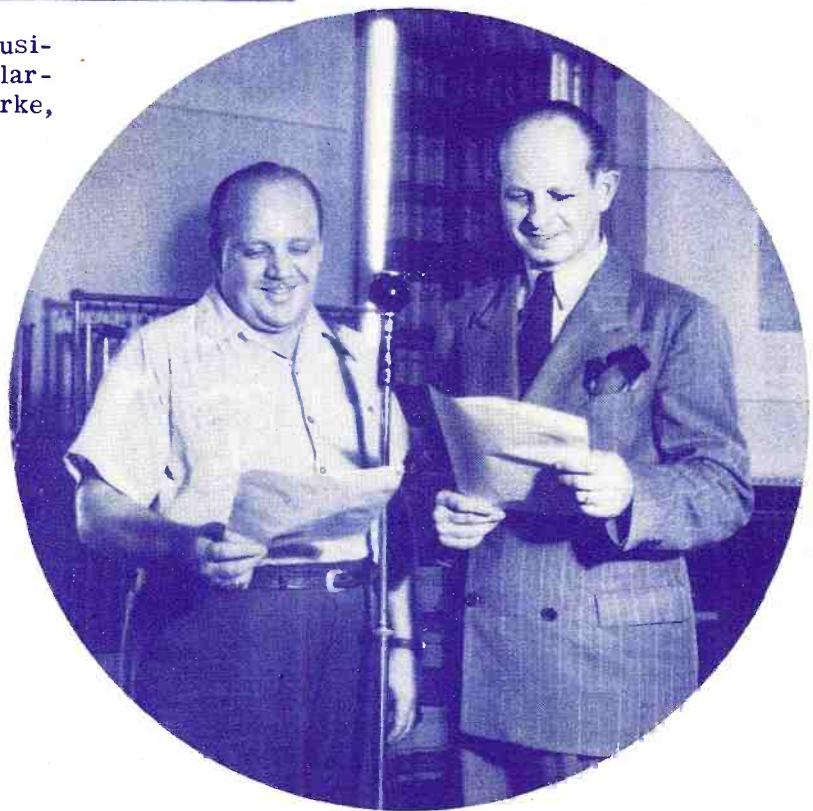
The Farmhands Program features the following musical personalities: right to left: Herman Daumler, Clarence Edges, Sam DeSigne, Roy Hessler, Wilner Burke, Elmer Kapp.

## The Farmhands

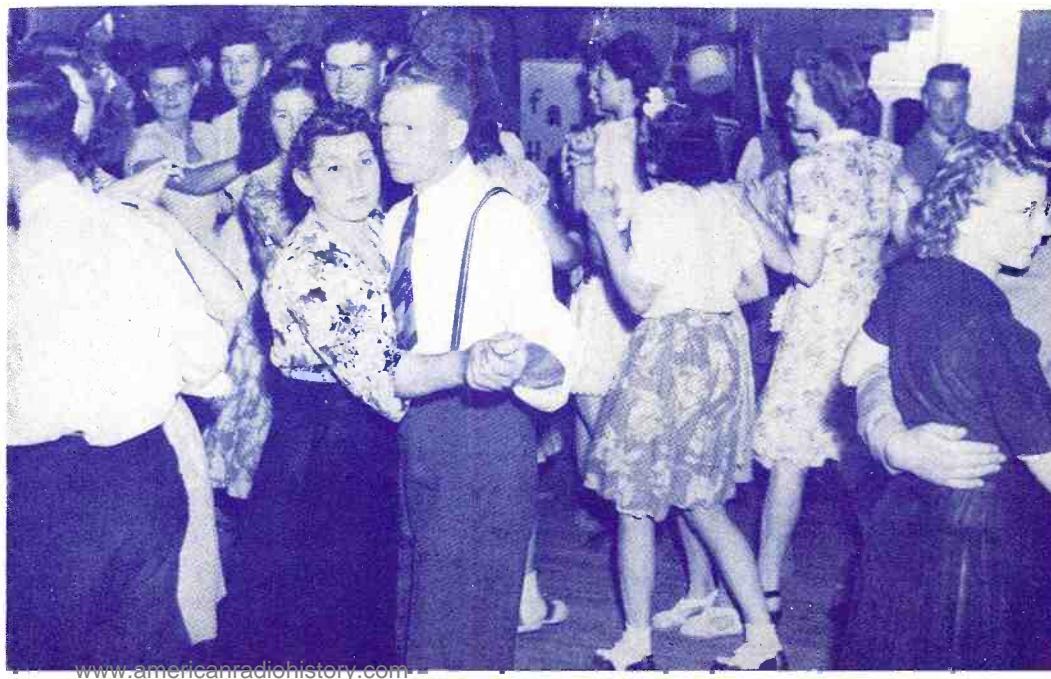
## Are On The Air!

And according to all surveys, this Noon-Hour Program is northeastern Wisconsin's most popular daytime feature.

The pleasant job of keeping the Farmhands Program rolling along smoothly (and humorously, we hope) falls to Master-of-Ceremonies, Uncle Louie---with Eddy Jason acting as stooge.



From near and far... the dancers come. Here's a snapshot recently taken at Cinderella Ballroom, near Appleton, Wisconsin. Attendance at Farmhand dances often exceeds one thousand.



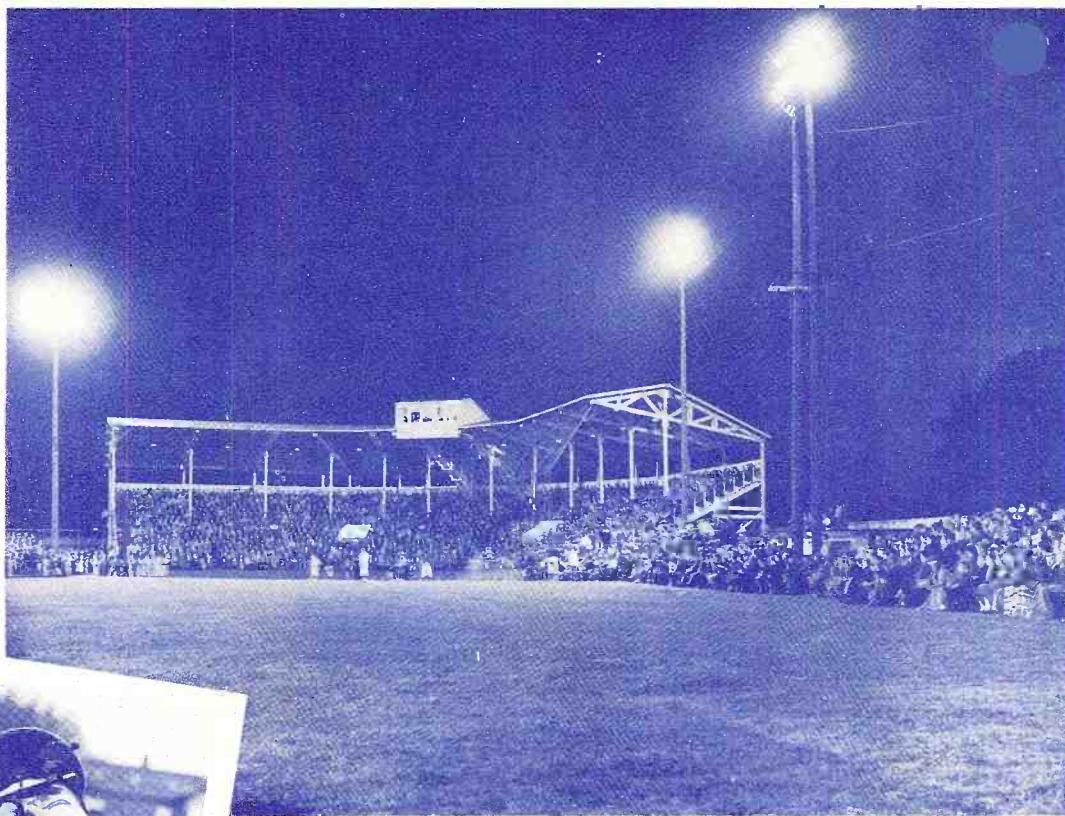
WTAQ

## SPORTS

### HIGHLIGHTS



Red Smith and Andy Pafko, who "graduated" from the Bluejays to the Chicago Cubs.



The Wisconsin State League Baseball Games are a sports feature second only to the Green Bay Packer Games. Here's a shot of Joannes Park during one of these games, broadcast nightly over WTAQ.



Allen Franklin, our sportscaster, rejoined us last year upon his return from the South Pacific, where he was doing special Government Radio work.



Football is King here in northeastern Wisconsin. WTAQ, in addition to carrying the complete weekly schedule of CBS football classics, naturally follows the Green Bay Packers whenever possible. Here's a shot of the Green Bay Packer College All Star game at Soldier's Field, Chicago, on the night of August 30th, 1945. Harry Wismer at the mike.



## *Inspirational*

Church Services of all creeds appeal to the WTAQ family of listeners, and each week many religious services are broadcast.



Rev. John Claxton

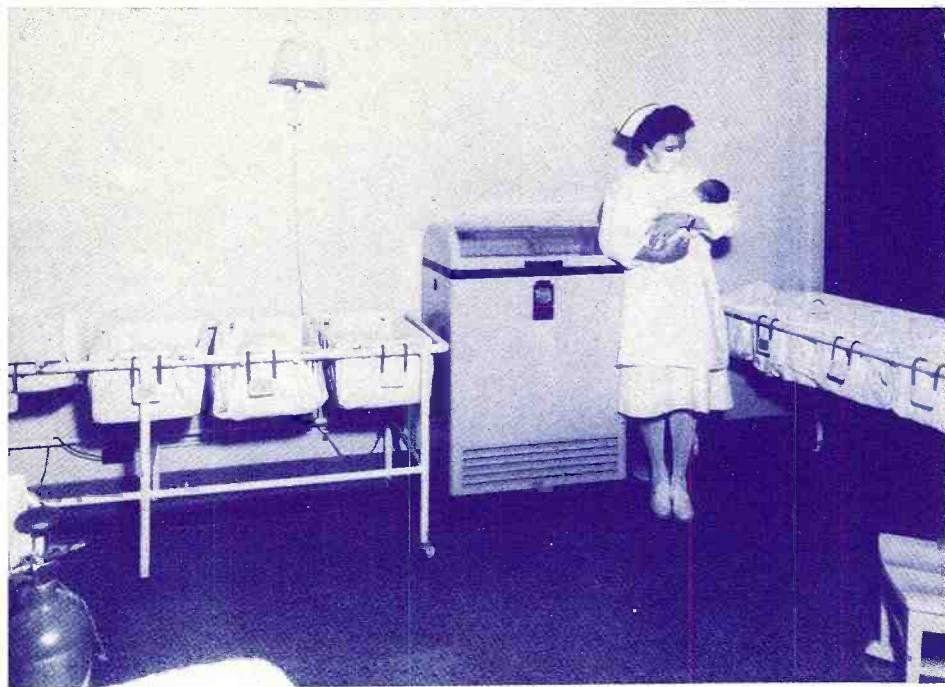


Rev. N. P. Butler, O. Praem



Adj. E. A. GARRETT  
Salvation Army

# COLORFUL WEAVER



Each morning, the hospitals of north-eastern Wisconsin phone us their lists of new arrivals. And a few minutes later, "His Majesty, the Baby" takes to the air.



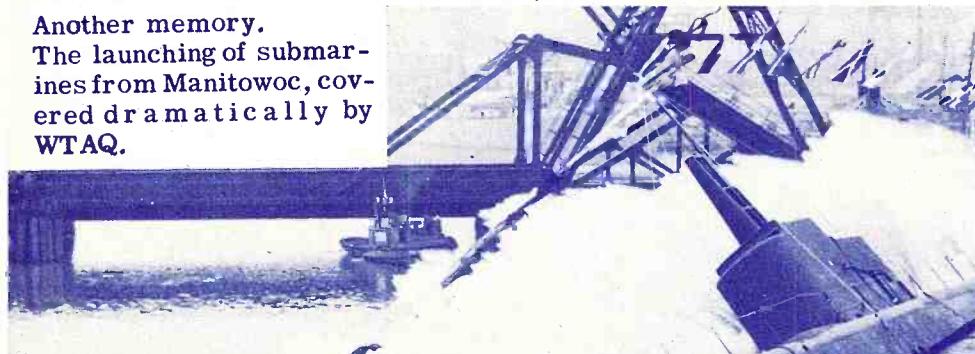
Since the start of Post production more than a million pieces of merchandise have passed through his hands. Eddie Storekeeper



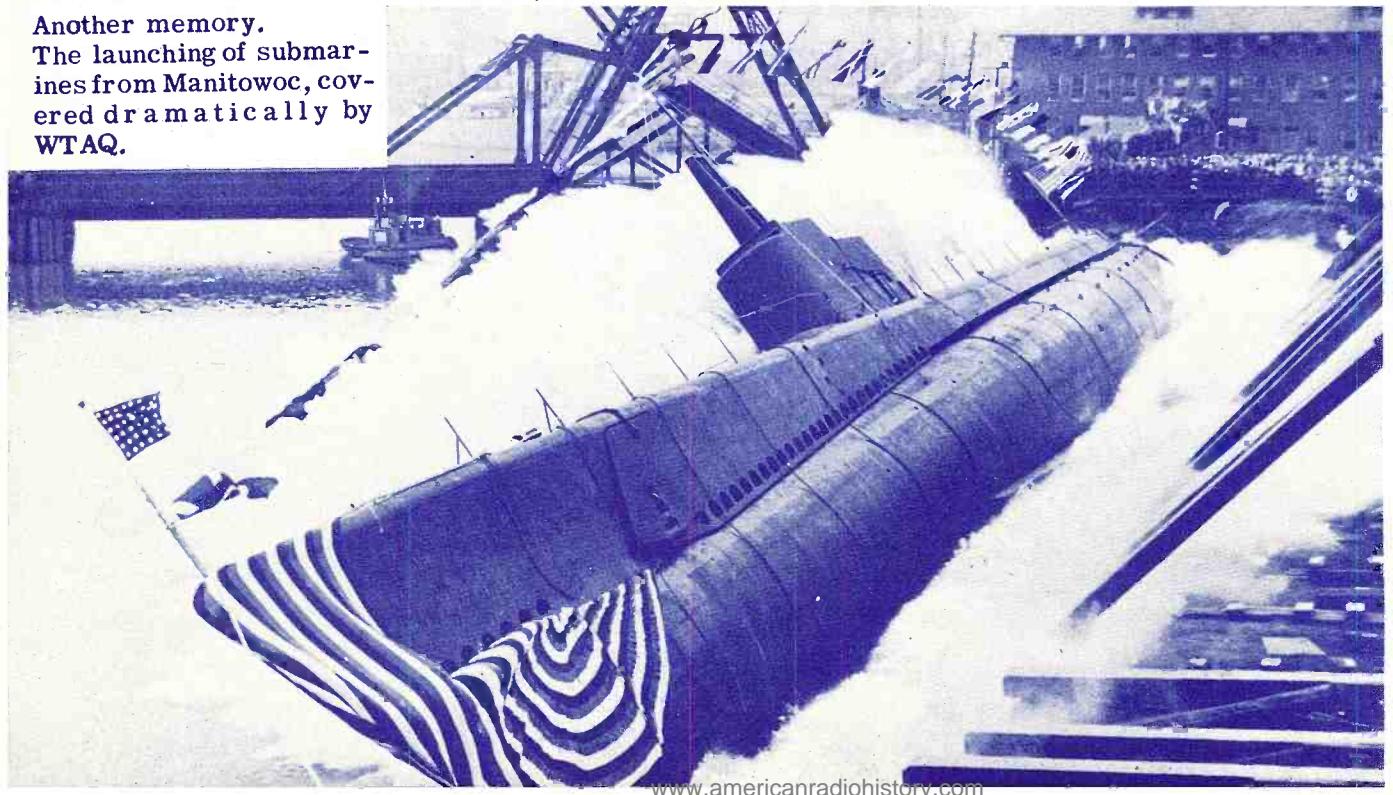
Memories of the past! Here's an announcer, Art Ohlsson (holding mike) standing atop the Bellin Building... describing the joyful, exciting crowds milling about below on V-J eve.



"Quizzing the public on Radio WTAQ naturally when the ship came into Olejniczak Bay."

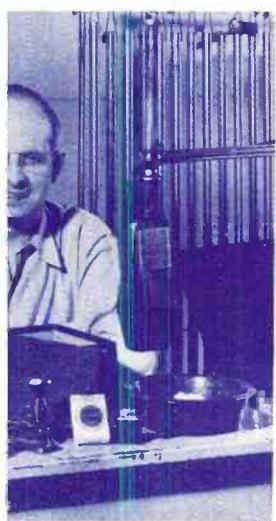


Another memory. The launching of submarines from Manitowoc, covered dramatically by WTAQ.



Servicemen can tune in the controlled Radio WTAQ to hear local news from Olejniczak Bay. At regular intervals WTAQ transmits local Shows from platters throughout the world for rebroadcast. In the photo, Captain Elmer and Don H. King are shown on one of the world's largest

# ALL HIGHLIGHTS



of our Traditional program, more dollars worth the time has changed Jason is the



"Mayor" is a  
"1" ...especial-  
lly... Mayor is Dom-  
ak, of Green

Remember the famous Iwo Jima Flag-raising picture? Here are two boys who were part of it ...Keyes Beach (left) -and John Bradley of Appleton (center).



Various Barber Shop Quartets of the Wisconsin Chapter of SPEBSQSA (Society for the Preservation and Encouragement of Barber Shop Quartet Singing in America) are always a welcome feature. Here's typical quartet from Appleton, Wisconsin.



Police Lt. Bill Walters knows that WTAQ's air lanes are his on a moment's notice.



Each afternoon, our Variety program swings along with High School students often handling both the platter and chatter.

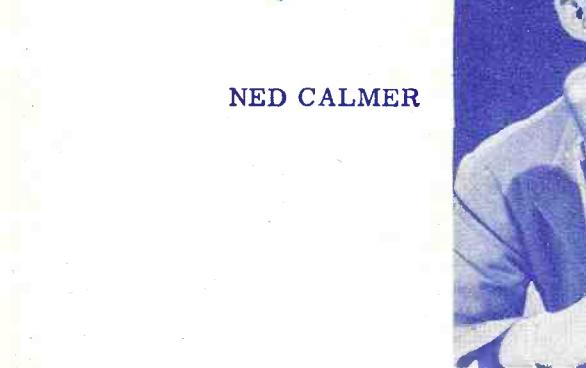


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# PRESENTING



BILL HENRY



NED CALMER



JOHN DALY



ROBERT TROUT



WARREN SWEENEY



NORMAN TESKA, WTAQ

# THE LATEST NEWS

PAUL WHITE



HARRY CLARKE



ART OHLSSON, WTAQ



MAJ. GEO. FIELDING ELIOT



QUINCY HOWE



WILLIAM L. SHIRER

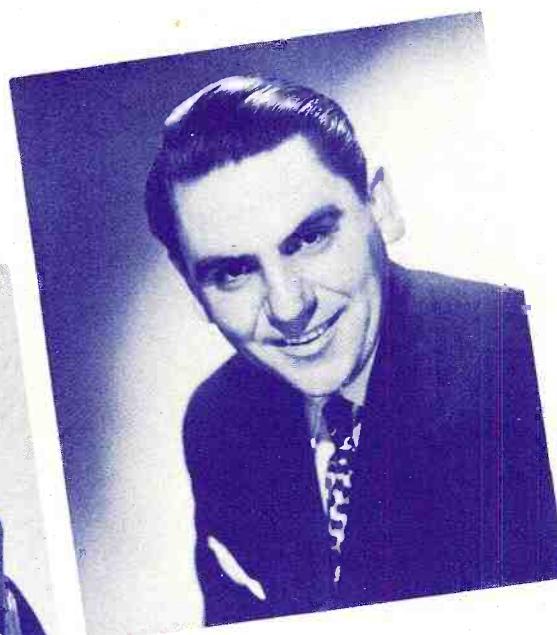


CLAIR STONE, WTAQ News Editor

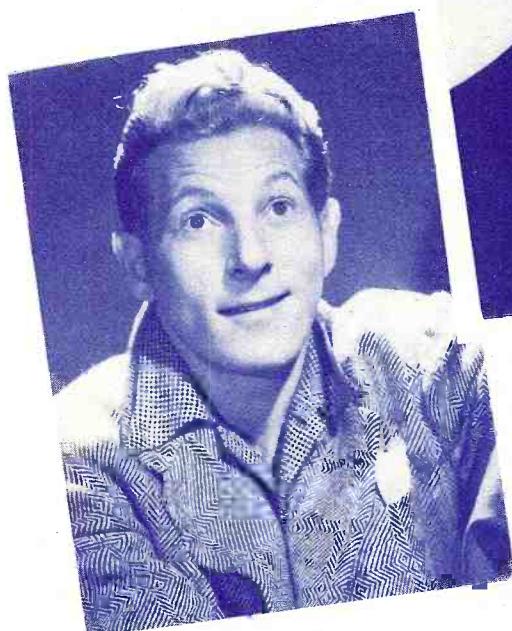
# Network Personalities



ANN SOTHERN



BOB HAWK



PHIL BAKER



DANNY KAYE



HARRIET HILLIARD

DURANTE and MOORE

BLONDIE and DAGWOOD

VOX POP



# Heard Weekly Over WTAQ

ART LINKLETTER



BILLIE BURKE



JOAN DAVIS



OZZIE NELSON



ANDRE KOSTELANETZ



FANNY BRICE



KATE SMITH and TED COLLINS





AL MICHEL  
Program Director

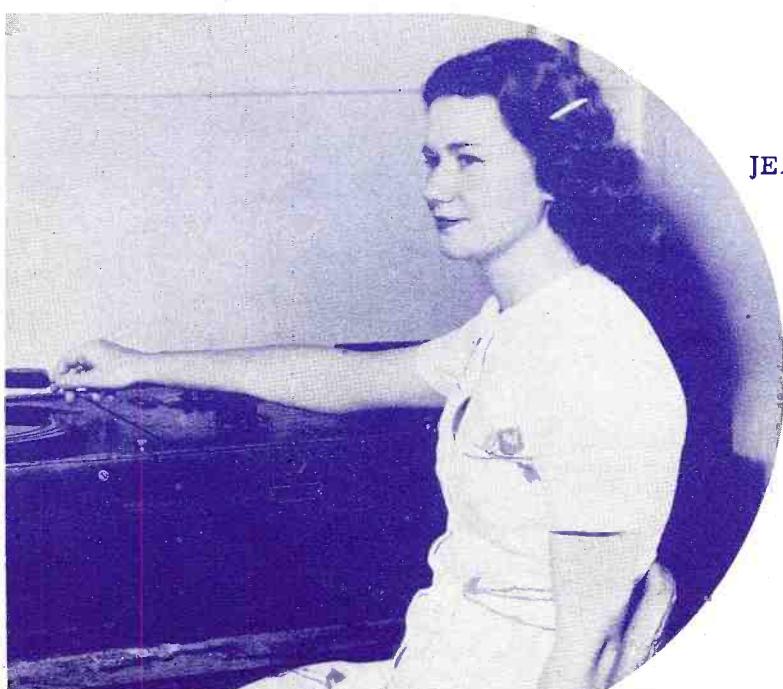


ERWIN MERAR  
Continuity Staff

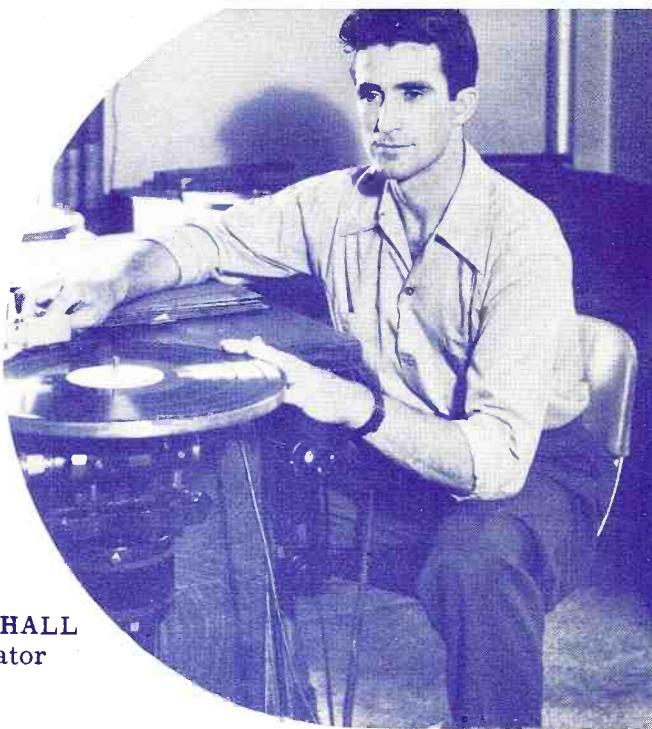
## Behind The Sc



LEONE STINSON  
Secretary to General Manager



JEANETTE DECREMER  
Operator



**WALLY MARSHALL**  
Studio Operator



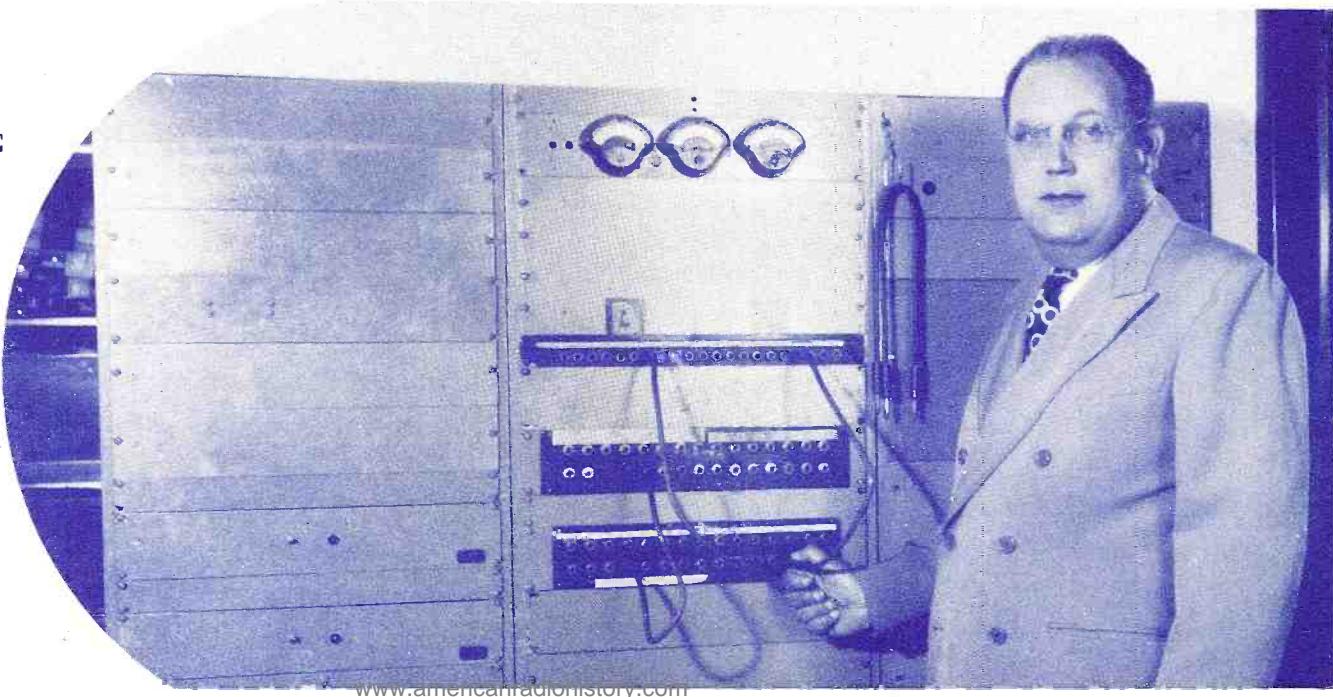
**GENEVIEVE COURCHAINNE**  
Accounting Dept.

# genes At WTAQ



**VAL SCHNEIDER**  
Local Sales Manager

**CHARLES CHASE**  
Chief Operator





SAM DeSINE  
Production Manager



BOB MEISTER  
Announcer

# Behind The Sc

JOAN BISTODEAU CLARENCE EDGES  
Secretary to Program Director Musical Director



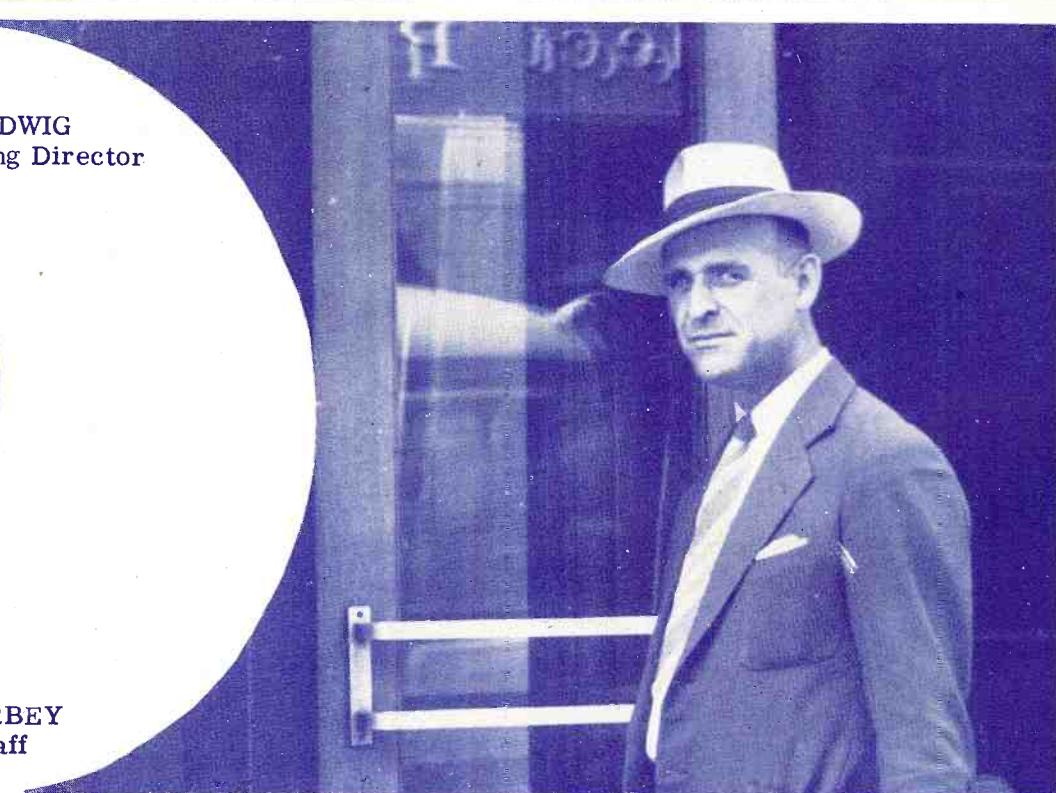
JUNE PARMENTIER  
Continuity Staff



MRS. LILLIAN KLAUS  
Accountant



AL LADWIG  
Merchandising Director



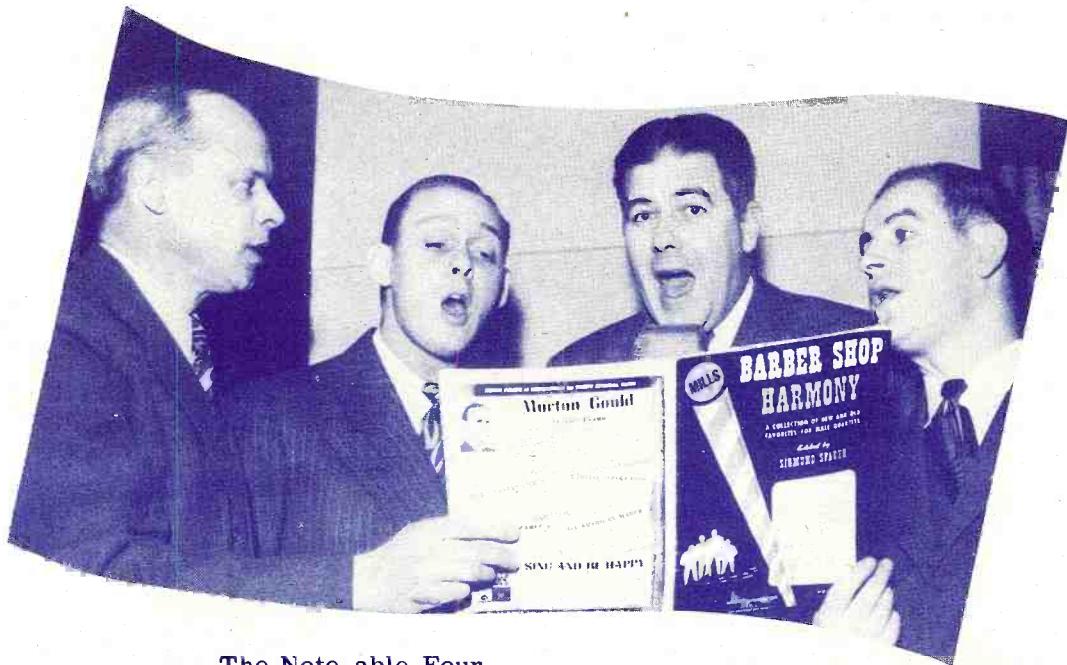
## enes At WTAQ

RITA SIUDZINSKI  
Announcer on "Calling  
All Girls" Show

MRS. EVA BURBEY  
Continuity Staff



# Behind The Scenes At WTAQ



The Note-able Four  
One of Green Bay's First Barber Shop Quartets



**SKIPPY**  
whose melodious barking introduced  
every Farmhand program for 12  
colorful years.

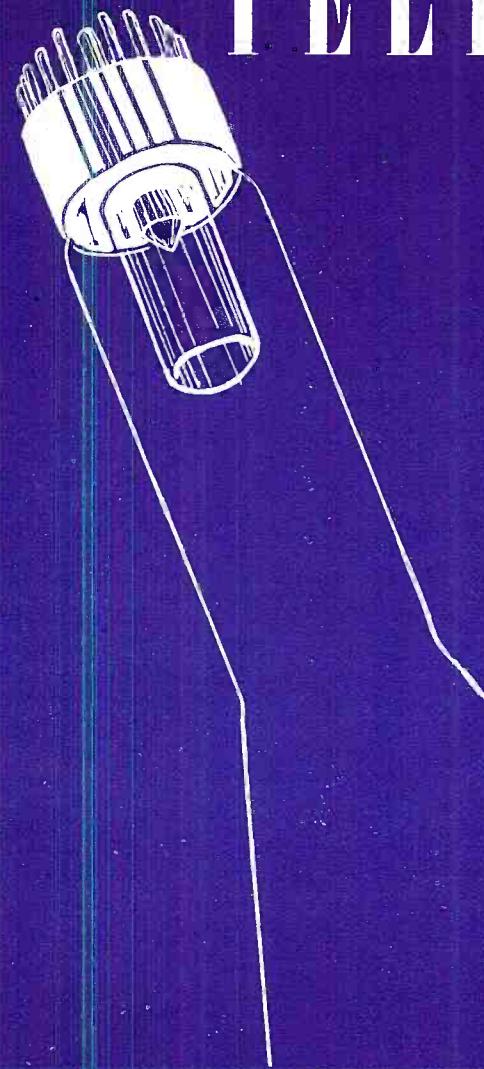


**VERN and OBIE**  
Entertainers



**ALLEN FRANKLIN**  
During His COZY CORNER Program

# TELEVISION



For more than 60 years scientists have been striving for means of seeing events remote from the observer. The scanning disc was invented by Paul Nipkow in 1884. The basis for all modern electronic television was described by Campbell Swinton in 1911, but it took years of work by Vladimir Zworykin before this system produced a picture. Dr. Zworykin invented the "Iconoscope which became the 'eye' of television cameras."

In the early 1920's, experiments by John Baird in England and C. Francis Jenkins in this country, brought successful transmission of low definition pictures. RCA erected a television transmitter in 1928 and on January 16, 1930 showed television pictures on a 6-foot screen, as transmitted from the studio.

.. The long awaited debut of television finally took place April 30, 1939 when President Franklin D. Roosevelt's speech opening the New York World's Fair was telecast.

.. Today there are 9 television stations in operation, and the FCC has applications for permission to construct 140 others. On the East Coast, approximately 10,000 television receiving sets are now in use.

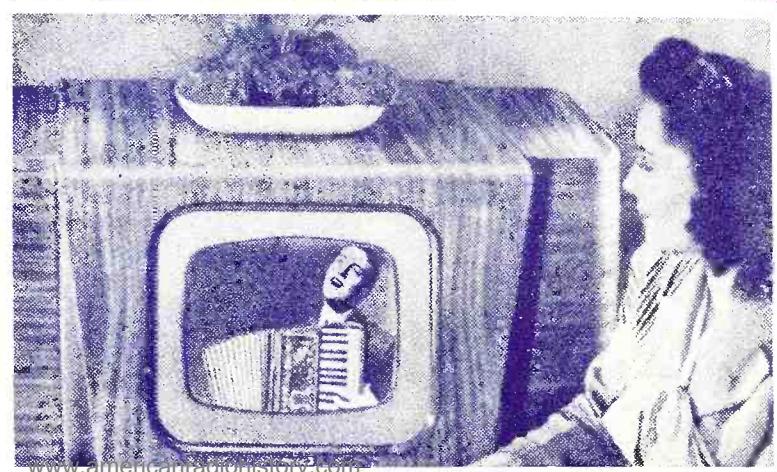
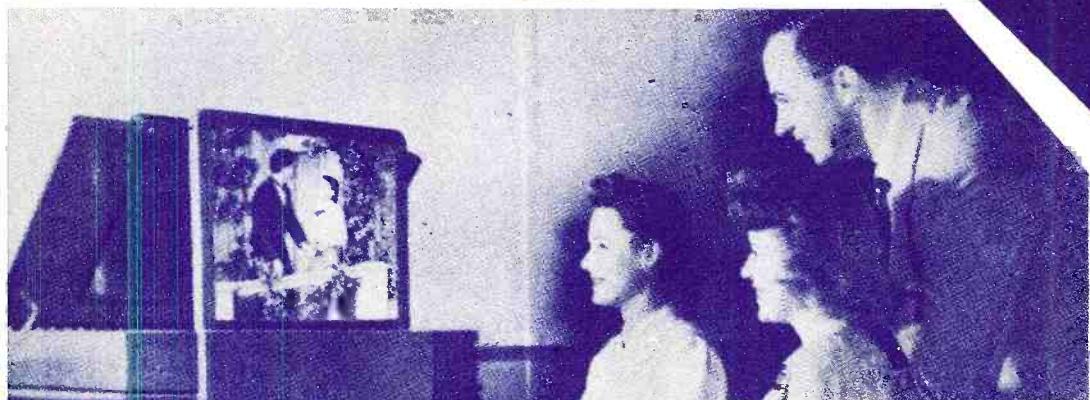
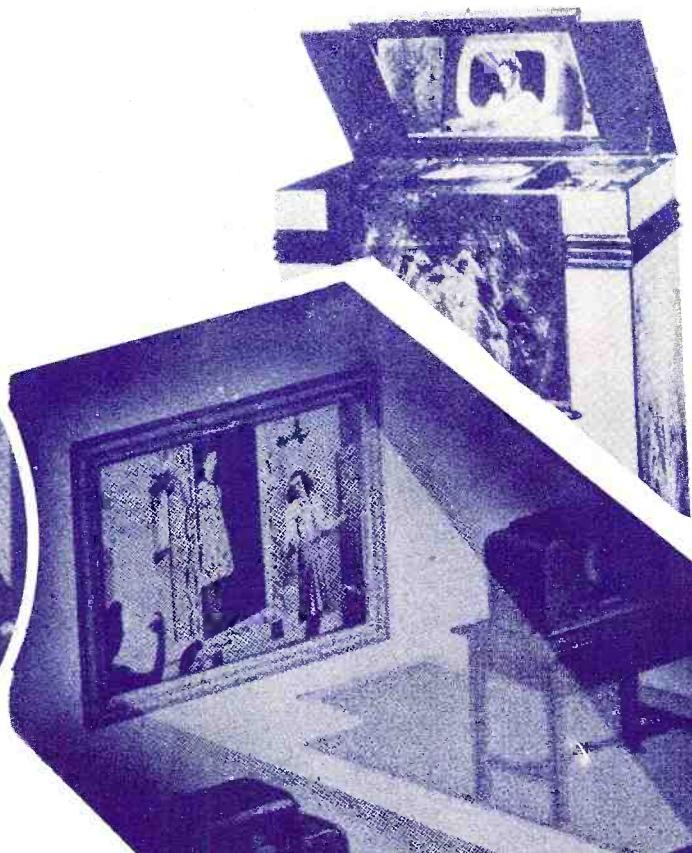
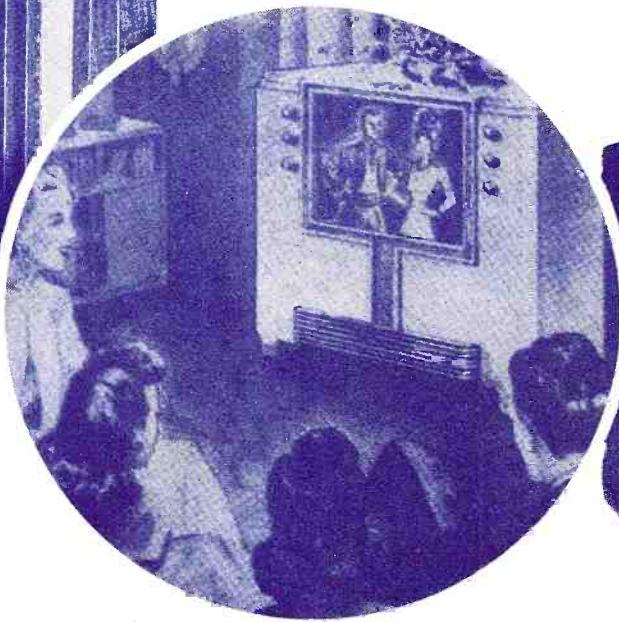


# TELEVISION

*IT GOES IN HERE*



*AND COMES OUT HERE*



A group of police officers watching demonstration of radiotype receiving message from transmitter 13 miles distant.



Complete radiotype automatic two-way station equipment in operation. A. C. Holt of I. B. M. Radiotype Division, inspects message as it comes off the radio.



## RADIO COMMUNICATIONS for CIVILIAN USE

Radiotype and high-frequency FM emergency radio communication will have many uses in civilian life but already considerable progress has been made in this field in connection with police work. Messages sent by radio appear in typewritten form on reception. Two-way conversation can be held with one side in voice and the other in type. Plans are in progress for a complete cross-country circuit of radiotypes which could be used much as the telephone and teletype.



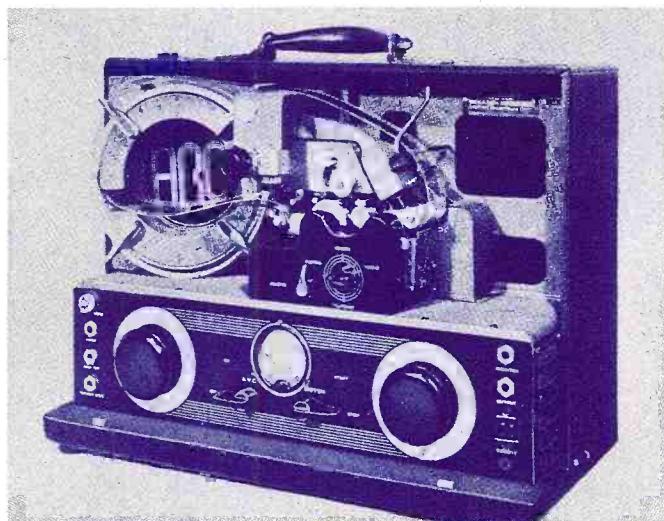
Close-up of GE high frequency FM emergency communications receiver used to pick up messages from transmitter in auto 50 miles away.

Close-up of radiotype receiver with tone signals being picked up on wire recorder.



# INSTANTANEOUS RECORDING

Military application brought extensive development in the field of recording. Before that time some progress had been made in devices using other than acetate discs but the war brought out several different type machines which could record continuous material as long as 11 hours. Another advantage in the new machines is portability and speed of playback. On this page are several of the new recording devices.



Another type of film recorder, used extensively by the Navy in combat reporting.

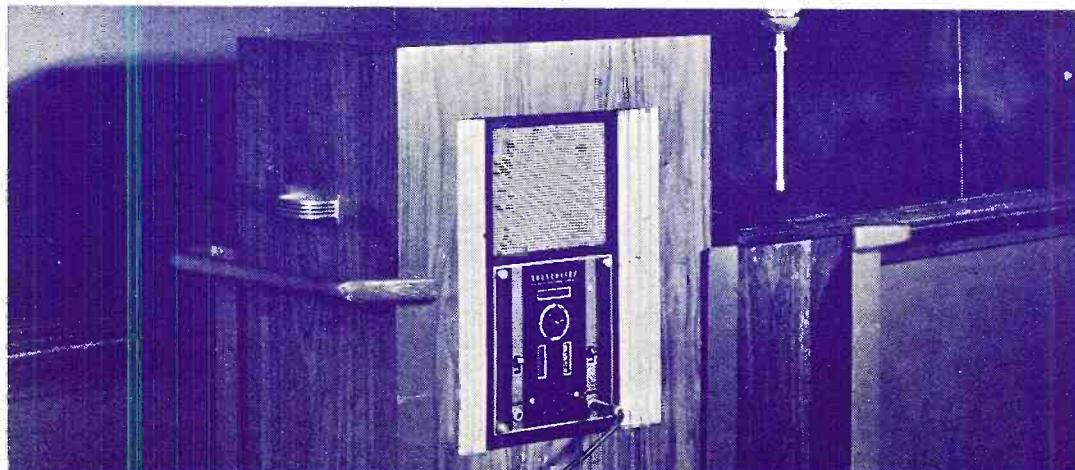
Wire recorder, will record 66 minutes continuously. Used by Army in many



Filmgraph, for continuous recording and playback up to 11 hours.



The conventional type disc recorder (left) with amplifier.



One type of film recorder and playback in home cabinet style.

# The VETERANS' RIGHTS AND BENEFITS ★★

MUSTERING-OUT PAY . . \$100 for less than 60 days service; \$200 for 60 days or more but no foreign service; \$300 for 60 days or more plus foreign service. Payable to all with base pay less than \$200 monthly at time of discharge; payments to be made in three installments.

OLD JOBS . . Permanent jobs abandoned to enter service after May 1, 1940, may be recovered by application within 90 days after discharge. In case of difficulty, contact local Reemployment Committeeman.

NEW JOBS . . Register with nearest U. S. Employment Service office as soon as possible after discharge. GI Bill provides vocational training with government allotments of from \$50 to \$75 monthly while learning. Veterans are on the preferred list for Civil Service jobs, and are entitled to 5 to 10 points in examinations simply by reason of military service.

EDUCATION . . GI Bill provides year's refresher course; and for men under 25 when they entered service, education equal to actual time in service, up to four years. Veterans' Administration pays up to \$500 a year toward tuition, supplies, etc; also provides subsistence \$50 monthly for single veterans, \$75 monthly for veteran with dependents.

READJUSTMENT PAY . . Federal unemployment-compensation program grants veterans four weeks unemployment pay for every month of active service after Sept. 16, 1940 up to 52 weeks. If veteran is completely unemployed, he receives \$20 a week. Contact local USES on state unemployment compensation benefits.

LOANS . . Veterans Administration will guarantee 50 per cent of any loan for a home, farm or business up to \$2,000 anytime within five years after discharge. Loan must be repaid in 20 years at not more than 4 per cent interest.

PRIVATE ENTERPRISE . . Preference given veterans in obtaining surplus government property for business purposes but not for resale. Veterans given priority in purchase of raw materials and equipment from Smaller War Plants Corp., the Farm Security Administration, War Production Board and Office of Defense Transportation.

MEDICAL CARE . . Through Veterans Administration, hospitalization provided for veteran for any ailment as long as he lives, without cost. Medical service or dental care not requiring hospitalization provided by VA, if the condition was caused or aggravated in line of duty.

INSURANCE . . Veteran may keep his national service life insurance in force for 8 years and then convert to ordinary life, twenty-payment or 30-payment life.

LEGAL EXEMPTIONS . . For six months after discharge, veterans have legal exemption under Soldiers and Sailors Civil Relief Act of 1940, from lawsuits for collection of debts, collection of taxes, sale of property for taxes, dispossession of dependents for nonpayment of rent, and collection of insurance premiums.

DISABILITY PENSIONS . . Free vocational rehabilitation provided for disabled vets, plus \$92 monthly if single; \$103.50 if married, plus \$5.75 monthly for each child and \$11.50 for each dependent parent. If discharged with disability due to service, veteran may be entitled to disability benefits including a pension. Amounts payable from \$11.50 a month to \$115 a month for 100% disability.



If there is no Veterans' Administration Office in your home town write to the nearest Field Station. Address, "Manager, Veterans' Administration"—



# Our Honor Roll

Name \_\_\_\_\_

Serial No. \_\_\_\_\_ Highest Grade. \_\_\_\_\_

## Entry into Service

Place \_\_\_\_\_ Date \_\_\_\_\_

## Assignments

Organization \_\_\_\_\_ Date \_\_\_\_\_

Place \_\_\_\_\_ Commanding Officer \_\_\_\_\_

Organization \_\_\_\_\_ Date \_\_\_\_\_

Place \_\_\_\_\_ Commanding Officer \_\_\_\_\_

Organization \_\_\_\_\_ Date \_\_\_\_\_

Place \_\_\_\_\_ Commanding Officer \_\_\_\_\_

## Dates of Promotions

Grade \_\_\_\_\_ Grade \_\_\_\_\_

Grade \_\_\_\_\_ Grade \_\_\_\_\_

## Separation

Place \_\_\_\_\_ Date \_\_\_\_\_

## Battles, Engagements, Etc.

## Decorations, Citations, Etc.

SYMBOLS BELOW IDENTIFY THE OFFICIAL PHOTOS APPEARING IN THIS BOOK

 U. S. Army  
Signal Corps Photo

 Official U. S.  
Navy Photo

 Official Photograph,  
U. S. Army Air Forces

 Official U. S. Marine  
Corps Photograph

 Official Photograph  
U. S. Coast Guard

 Official OWI  
Photograph

