A Safe, Sane, and Comfortable Fourth

Memory Takes Him Back to Other Days
Make it Worth While

Clearness and distinctness are first requirements in radio reception. That's why so many radio enthusiasts insist on Willard "A" and "B" Batteries.

The Willard Radio "B" Battery is a 24-Volt rechargeable battery. Glass jars—Threaded Rubber Insulation.

WILLARD STORAGE BATTERY COMPANY, CLEVELAND, OHIO

Charge Your Battery at Home

KEEP pep in the battery for your vacuum tube receiving set by using the Rectigon Battery Charger.

The Rectigon is a small, inexpensive devise that will charge your radio battery over night. It is entirely automatic in operation and needs no attention after it is started.

The Rectigon is portable—it can be placed wherever desired. The absence of oil or grease assures against damage to your floor or rugs.

It is as indispensable to your vacuum tube wireless equipment as the battery itself.

For details regarding the various sizes of this type of battery charger, write for our Folder F-4491, "Charging the Radio Battery at Home."

Westinghouse Electric & Manufacturing Co.
East Pittsburgh, Pa.
Sales Offices in All Principal American Cities
Radio Broadcasting and the Fourth of July

Since earliest childhood most of us have looked forward with some degree of expectation each year to the celebration of the Fourth of July, the natal day of American Independence.

As we look back our recollections will probably vary according to the things which have impressed us most on the occasions of this celebration. Some of us will remember the long list of casualties in the next morning’s papers; some will think of delightful outings and picnics, but to many will come with more or less distinctness the thought of gatherings in the community where patriotic speeches were made, and almost invariably, some one either read or recited the Declaration of Independence. How tired we got trying to listen to some enthusiastic speaker whose utterances were neither very oratorical nor very interesting.

No other day in our national calendar deserves commemoration as does the Fourth of July, and our children should be taught to revere its memory and the thrilling events in our Nation’s history for which it stands. Just as the child’s birthday assumes importance to him, so should the Nation’s birthday be made an inspiration in the development of that patriotic spirit which is the heritage of American youth.

Radio broadcasting promises to become a leading factor in Fourth of July celebrations. It is entirely within reason to believe that in the near future we may have a National Patriotic Hour in the ceremonies of the day. At this hour the people may assemble in their respective communities at places where large loud speakers are installed, or they may remain quietly in their homes, and listen to a simple service, the feature of which will be a spoken message from the President of the United States.

Could anything be more impressive or more conducive to good citizenship than such a ceremony? Could anything be more inspiring than the thought of a hundred million people listening to the voice of their chief executive?

Could anything afford a better example of the progress of our country since 1776?

While we may not be able to take part in such a ceremony this year, we will have an opportunity to hear patriotic messages from some of our foremost statesmen, and special patriotic programs will be broadcasted. Thousands will thus be enabled to participate in the ceremonies of this day without the discomforts of heat, crowds, and the distracting noises which usually accompany its celebration.
Programs for the Week

These programs are prepared some time in advance of the dates and are subject to change. Programs in detail are published daily in your favorite newspaper.

Pittsburgh District
WESTINGHOUSE RADIO STATION KDKA
360 Meters  East Pittsburgh, Pa.
Eastern Standard Time

Sunday, July 2, 1922
10:00 A.M. Services of the Calvary Episcopal Church, Shady Avenue, Pittsburgh. Rev. E. J. Wyllie, Rector. Harvey B. Gaul, organist and director.
1:45 P.M. Children's Bible Story—"The Story of a Jawbone.
2:00 P.M. Radio Chapel from Westinghouse Station KDKA, conducted by Rev. W. Frank Silveste, D.D., Pastor First Presbyterian Church, Duquesne, Pa.
7:00 P.M. Services of the Emory Methodist Episcopal Church, North Highland Avenue at Rippey Street, Pittsburgh. Rev. W. Wofford T. Duncan, Minister.

Monday, July 3, 1922
7:00 P.M. Weekly Talk on Swimming. Ralph Shilton, Captain Pittsburgh Post Life Guard, located at Oakmont, in the center of Pittsburgh's Camp Colony.
8:00 P.M. "Irish Night." Bertram R. Burk, basso; Jack Mullen, Irish bagpiper; James Mccarthy, violin and Mrs. Pearl Crawford Van Orsda. accompanied by Mr. Burk.
Basso solo—"Sweet Peggy O'Neill," Waldrop;

Tuesday, July 4th, 1922
6:00 P.M. Weekly Dress Talk. From Pittsburgh Post Studio.
7:00 P.M. Patriotic Address by J. J. Jackson, General Attorney, Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. From East Pittsburgh Studio.
8:00 P.M. Euterpean Trio—Raymond C. Bandi, violin; Russell B. Cook, flute and Ella Stirbrny, piano, assisted by Edward W. Buettow, tenor.

$PITTSBURGH'S Radio Shop$ offers a complete line of

Radio Outfits and Supplies

PITTSBURGH RADIO & APPLIANCE CO. Inc.
112 Diamond St., Pittsburgh, Pa.
WHOLESALE AND RETAIL

Pittsburgh Musicians at KDKA
This Week

Top Row (left to right): George Trahert, tenor; Vida McCullough McClure, soprano.
Bottom Row (left to right): Bertram R. Burk, bass; Jean M. Loughridge, composer of children's songs.

Wednesday, July 5th, 1922
7:00 P.M. "Safety First—In Vision." Dr. A. Goldstein, O.D., Pitt Optical Company, Pittsburgh, Pa. From Pittsburgh Post Studio.

(Program continued on page 5.)
July 1, 1922

Prominent Pittsburgh Violinists

Frank J. Brosky, violinist and teacher; Alfred D'Auberge, violinist, pupil of Frank J. Brosky

(Program continued from page 4.)

8:00 P.M. Alice Burgess Seiring, contralto. Mrs. Seiring toured with Schumann-Heink, also with McDermott, composer, and will appear with Geraldine Farrar during the coming fall. She has also appeared with various Symphony Orchestras. George Trabert, tenor;

Fred. Goerner, Jr., violin-cello and Miss Adele Hennig, accompanist.


Thursday, July 6, 1922

6:00 P.M. Harry Greb, America's Champion Light Heavy-weight will tell How to Keep Physically Fit Through Systematic Exercise.

6:30 P.M. Popular concert by the Dixie Melody Boys. L. H. Felling, Manager. From Pittsburgh Post Studio.

8:00 P.M. Novelty Six Orchestra. James Hays, pianist; John Van Hofen, violinist; Robert Dodds, saxophone; Alan Dodds, banjo; Morris Hutchinson, Drums and Paul Stewart, cornet soloist; John Ingram, tenor, accompanied by Ellwood Knapp. Howard Kelster, trombone, accompanied by Mrs. Mary Kelster-Kerr.


RADIO DEALERS SERVICE

Authorized Distributors for the
Radio Corporation of America

RADIO SALES & SERVICE CO.

539 Wood Street,
Pittsburgh, Penna.

Wholesale Only

We respectfully solicit your patronage

COPPERWELD IS 50% STRONGER than Copper, can be strung taut, stays up when other wires stretch and break, and gives 100% electrical efficiency.

COPPER CLAD STEEL COMPANY

Directions for Antenna construction on reverse side of carton

100 - 150 - 200 Ft. Per Carton

Mention Radio Broadcasting News when writing to Advertisers
Friday, July 7, 1922

7:00 P. M. “Seasonable Suggestions for the Home Garden,” Harry R. Eby, County Agriculturist, Allegheny County Farm Bureau, Pittsburgh. From Pittsburgh Post Studio.

8:00 P. M. Nathaniel Robin, pianist and composer (pupil of Ernest Bloch); Samuel Gluck, violist, concert-meister Carnegie Tech Symphony Orchestra. Piano solos—“Etude Op.—No. 1,” Chopin; “Impromptu Op.—29,” Chopin; “Valse Op.—64—No. 2”—Chopin. Siberian Sketches, Nathaniel Robin, composer—(a) “The Etape,” Note: The “etape” was a temporary prison or stockade, wherein were detailed the hordes of exiles—men, women and children, who, in the days of the Tsar, passed in an endless stream out of Russia. (b) “Chant”—Dance. (c) “The Market Place.” (Played by the Composer.)


Saturday, July 8, 1922

2:00 P. M. Popular concert by the Melody Juniors of Pittsburgh. From Pittsburgh Post Studio.

7:00 P. M. “Activities at Mayview,” Mrs. Enoch Rauh, Department of Charities, City of Pittsburgh, Pa. From Pittsburgh Post Studio.

8:00 P. M. Elizabeth Reese Lloyd, soprano; of Ben Avon M. E. Church, (R. R. Reese Studio); Mary Reese Wilson, contralto, Second Presbyterian Church, Wilkinsburg, (R. R. Reese Studio); R. R. Reese, baritone; Teacher of Singing. Jean Wessner, cellist, and W. A. Reger, accompanist, and Organist at Ben Avon M. E. Church.


Sunday, July 9, 1922

9:45 A. M. Services of Point Breeze Presbyterian Church, Fifth and Penn Avenues, Pittsburgh.

Dr. P. H. Barker, Minister. Rev. John Knox McClurkin, Pastor of Shadyside United Presbyterian Church, Pittsburgh, in pulpit.

1:45 P. M. Children’s Bible Story—“The Lost Boy Who Wasn’t Lost.”

2:00 P. M. Radio Chapel from Westinghouse Station KDKA, conducted by Rev. Lawrence E. Bair, Minister, The First Reformed Church of Greensburg, Pa.

7:00 P. M. Open Air Services, Wilkinsburg, Pa.

Rev. William Porkees, Pastor of St. Stephen’s Episcopal Church.

KDKA’S WEEK DAY SCHEDULE

9:00 to 9:15 A. M. Music.

11:30 to 12:00 M. Music.

2:30 P. M. Results of all league baseball games by innings. On Saturday, those of the Interna-
Some of the Artists who Entertain You by Radio

Top Row (left to right): Ethel Moore Miller, soprano; Julia Jackson, pianist; Winifred F. Perry, contralto; Pauline Lucile Mayo, reader and impersonator; Bottom Row: Elmer F. Schrader, Hawaiian guitarist; Dora Levette, soprano; Carl A. Sensen, Hawaiian guitarist; Anna Griffiths Van Essen, soprano; Mary J. Conway, soprano.

(Program continued from page 6)

tional and American Association will be included. Final scores each day will include all hits and errors.

On Saturday, baseball scores and a special popular concert beginning at 2:00 o'clock.
6:00 P.M. Baseball scores. Theatrical features.
6:15 P.M. Special Addresses or Popular Concerts.
7:00 P.M. Special Addresses by business men and women. Baseball Scores.
7:00 P.M. Nightly Talks, courtesy Pittsburgh Post; "Somebody's Birthday Today," by Elsie Allen; "An Editorial for Women," by Florence Davies.
7:30 to 8:00 P.M. Bedtime and Uncle Wiggly Story for Kiddies.
8:00 to 9:00 P.M. Musical Program. Baseball Scores.
9:55 to 10:00 P.M. Arlington Time Signals.
Time given is Eastern Standard Time.
For Daylight Saving Time add one hour.

All Baseball scores are transmitted from the Pittsburgh Post Studio of Westinghouse Station KDKA.

Brunswick Phonograph procured from Gray & Martin, Pittsburgh, Pa.
Edison Phonograph and Records—courtesy of J. E. Bumbera, Swissvale P. O., Pittsburgh, Pa.

Many Artists whose names are contained in these pages are available for both public and private entertainment.

DOUBLEDAY-HILL ELECTRIC COMPANY
STATION KQV
360 Meters
Pittsburgh, Pa.
Broadcasting Every Afternoon and 9:00 to 10:00 P.M.
Monday, Wednesday and Friday
Eastern Standard Time
New York and Eastern District

WESiNGHOUSE-RADIO CORPORATION
STATION WJZ
Newark, New Jersey
Eastern Standard Time
Sunday, July 2, 1922
2:00 P. M. Radio Chapel Services by Rev. Geo. Sayre Miller, Washington Street Baptist Church, Orange, N. J.
5:30 P. M. Readings and records from the "Bubble Books that Sing," by Ralph Mayhew, courtesy Harper & Bros.
5:45 P. M. Sandman Stories, told by Kasper Seidel, Courtesy Harper and Bros.
6:00 P. M. Adventures Stories in the Far North for boys and girls from 8 to 12 years of age, "Story of Nathan Hale," by a MacMillan Author.
7:00 P. M. Music Temple of America presents "The Man From Paris," comic opera in one act. Book by J. W. Castle and M. I. MacDonald, from original version by Jas. A. Russel, music by Emma R. Steiner. Under the direction of Fred N. Tracy, Director.
8:00 P. M. "The Baron," with the entire assembly; this bushing is also used for the electrical contact between the two inductors.

A New Variometer

The Rogers Receiving Radiometer
Smaller—Simpler—Less Costly—Better

Tuning efficiency and sharpness is greatly improved because the dielectric material is reduced to the absolute minimum—no wood, paraffine, shellac, or varnish is used.

Takes up but a small fraction of the space required for ordinary variometers.

Only one supporting bushing is used for the entire assembly; this bushing also serves for the electrical contact between the two inductors.

Can be used in any part of the circuit in which the ordinary ball type variometer can be used.

Price $4.00 each, without dial and knob.

If your dealer cannot supply you, send his name and money order or check for the desired number of Radiometers you want, and we will see that they are delivered to you at once.

BUDDY W. HOMMEL & CO
530-534 FERNANDO ST.
PITTSBURGH, PENNA

BRACH VACUUM
Lightning Arrester
Makes Radio and Home Safe
Listed by the Underwriters Laboratories

Sold by Leading Dealers Everywhere

L. S. BRACH MFG. CO.
NEWARK, N. J.

For Wireless—
ROME MAGNET WIRE
Plain Enamel
Single Cotton Covered
Double Cotton Covered

ROME ANTENNA WIRE
Stranded or Solid

Ask Your Dealer
ROME WIRE COMPANY
ROME, N. Y.
BUFFALO, N. Y.

(Mention Radio Broadcasting News when writing to Advertisers)
New York Favorites Entertaining from Station WJZ

Top Row (left to right): Minnie Carey Stine; Cecile Stevens, talented Australian violinist; Helen Eley, featured in "Hello, New York", the first Schubert artist at WJZ; Vaugh De Leth (the original radio girl) of "Troubles of 1922". Bottom Row (left to right): Barbara Maurel; E. de Laski; Delight Beckwith, dramatic humorous reader; Henry Hadley, associate conductor, New York Philharmonic Orchestra; Mary Minnie Sharpe, soprano.

(Program continued from page 8)
6:45 P.M. "Butter," Mr. Fryshofer, U. S. Dept. of Agriculture.
7:00 P.M. Concert by the "Radiola Quartet, assisted by Princess Atalie Unkalunt, produced and directed by Millie Ryan.

The Quartet is composed of May Hall, English Soprano, who has just returned from a year's concert tour in England; Madalaine Bossi, a young mezzo soprano, who sings with equal facility in four languages, has a repertoire of 15 grand operas and has recently returned from Havana where the papers spoke of her in glowing terms. Carl Siffert, a young tenor, has been heard from coast to coast. He has the remarkable range of three octaves producing a brilliant rich full high E. Wesley Hull, baritone, recently closed his season with the London Production of the "Beggar Opera." Princess Unkalunt is gifted with a most beautiful and sweet voice. She was born among the hills of Oklahoma. Her father was a leader among his people, the Cherokee Indians. She was educated in Boston at the New England Conservatory of Music, and at the Boston University where she specialized in Psychology and Journalism. In the Great War she "did her bit." She served one year in France as war worker with the Y. M. C. A. as Entertainer and in a responsible executive position.

8:00 P.M. Recital by Catherine Guerrieri with Herman Timberg's "Joys and Glooms." Courtesy Shubert Vaudeville Circuit.
8:30 P.M. Concert by Eleanor S. Elderkin, soprano.

(Program continued on page 10.)
Artists Recently at Station WJZ

Ethel Rust Mellor, who sang 'Camp Fire Girl's songs by radio.
Robert Schmitz, celebrated French pianist

(Programs continued from page 9)

Tuesday, July 4th, 1922
6:00 P.M. "Man in the Moon" stories (c) Newark Sunday Call.
6:50 P.M. "Broadcasting Broadway," by Bertha Brainard.
7:00 P.M. Patriotic Address by Chaplain Coon.
8:00 P.M. "Story of the U. S. Navy," by Mabel T. R. Washburn, National Historical Society.
8:30 P.M. Concert by Joseph White, famous Irish Tenor, who at the age of ten was soloist in the Church of St. Paul, New York City; recently, tenor soloist for Neil O'Brien's minstrels.
Program: "My Own United States"; "Ah Moon of My Delight," (From Song Cycle, "In a Persian Garden"); "Till I Awake," (From Indian Love Lyrics); "Tis an Irish Girl I Love" (Brennan & Hall); "At Dawning;" "My Snowy Breasted Pearl," (Old Irish); "Because," "Thank God for a Garden," "Mother o' Mine," "Macushla," "Mother Machree," and "I Hear You Calling Me."

Wednesday, July 5th, 1922
5:00 P.M. "Review of the Iron and Steel Industries and their Relation to General Business Conditions," by the Iron Age.
6:00 P.M. "Animal Stories," by Florence Smith Vincent; New York Evening Telegram.
7:00 P.M. Concert under the direction of Chas. D. Isaacs.
8:30 P.M. Ida I. Ammerman, Humorous Impersonator, Brooklyn, N. Y.

Thursday, July 6, 1922
6:00 P.M. "Jack Rabbit Stories," by David Cory, New York Evening Mail.
6:45 P.M. "Taking the Work Out of Housework," by Mrs. L. C. Reed, Head of the Department of Home Economics of the Society for Electrical Development. This is the first of a series of talks on the application of Electricity in the home.
(Program continued on page 14)
Radio Artists Who Have Recently Appeared

Top Row (left to right)—Donald Steinert, violinist; Ricke Jacobs, reader; Herbert L. Murr, pianist and accompanist. Bottom Row (left to right)—Irene Herron D’Emilio, soprano; John Henry Klineck, Jr., violinist; Harry R. Gates, Hawaiian guitarist.

Don’t Experiment
with the “Good Enough” class of materials when your money will buy goods of known and lasting qualities. Quality and service are considered in everything we make.

C. G. HUSSEY & COMPANY
Pittsburgh Copper Rolling Mills
Pure Copper Aerial Wire, Sheets, Bars, Nails, Rivets, Gutters, Conductors, etc.
2850 SECOND AVE., PITTSBURGH, PA.

Central Telephone & Electric Co.
Distributors
Radio Apparatus and Supplies
“Nothing But the Best”
2018-2020 Locust St., St. Louis, Mo.

Chicago and Mid-West District

WESTINGHOUSE RADIO PROGRAM—STATION KYW
360 Meters
Chicago, III.

Central Standard Time
Sunday, July 2, 1922
2:30 P. M. Radio Chapel Services conducted by Rev. Gilbert Wilson, L. L. B. Ph. D., D. D., Pastor of the new First Congregational Church, Chicago.

Monday, July 3, 1922
7:00 P. M. Vocal and instrumental program by Mrs. Mark A. Cohen, soprano, accompanied by Hattie Kraus Levin; Ballard Smith, baritone, accompanied by Helen Hadley; Joseph Izzo, flutist, accompanied by Sallie Menkes; Granville English, composer-pianist.

Tuesday, July 4th, 1922
7:00 P. M. Vocal program by Mabel Corlew, soprano; Leon Jones, tenor; Lucy J. Hartman, contralto and Hugh Porter, pianist.

Wednesday, July 5th, 1922

Thursday, July 6, 1922
7:00 P. M. Musical Program by Joan Young, dramatic soprano; Fay Swartz, accompanist; John Ewart Stamford, tenor; Blossom Musseman, accompanist; John W. Taber, cor-

(Programs continued on page 12)
Chicago and Mid-West District

Chicago Talent Contributing to KYW Success

Top Row (left to right): May Graves Atkins, soprano; Jessie Royce Landis, dramatic reader; Daphne Edwards, pianist.
Bottom Row (left to right): Albert Stendel, violinist; Mary Tris, pianist; Wilfred C. Marcoux, reader.

(Programs continued from page 11)

Nettist; Sallie Menkee, accompanist; Paul G. Hummel, pianist.

Friday, July 7, 1922
7:00 P.M. Vocal selections by Irma Kemner Richards, contralto; William Larkin, baritone. Hawaiian Ukelele selections by J. Landi Pa. Piano selections as reproduced by Steinway Duo-Art Reproducing Piano.

Saturday, July 8, 1922
7:00 P.M. Vocal and instrumental selections (arranged through courtesy of Lyon & Healy Artist and Concert Department) by Lyon & Healy Orchestra; Leland Butterfield, pianist; Harold Saxler, cornettist; Henry Geiss, saxophonist; Wayne Wadhams, banjoist and Jack Armstrong, violinist. Olive McCormick Wiswell, soprano, accompanied by Elizabeth Wiswell. David O'Sunksy and Lora Woodworth, violinists.


Sunday, July 9, 1922
2:30 P.M. Radio Chapel services conducted by Rev. Dr. Frederick L. Selden, Ravenswood Presbyterian Church. The music will be furnished by the choir of this church.

KYW'S WEEK-DAY SCHEDULE

8:25 A.M. Opening Market Quotations, Chicago Board of Trade.
9:00 A.M. Market Quotations, Chicago Board of Trade. Quotations every half hour thereafter until 12 M.
12:20 P.M. Closing market quotations, Chicago Board of Trade.
1:15 P.M. News and Market reports.
2:00 P.M. Baseball scores every half hour until end of games.
3:15 P.M. News; market and stock reports.
5:30 P.M. News; final market and financial reports; baseball scores.
6:15 P.M. Children's Bedtime Story; baseball reports.
7:00 P.M. Musical Program. (See Daily Program).
8:00 P.M. News and Sports.
8:05 P.M. Special Features (as announced by radio telephone). News and baseball returns furnished by Chicago Evening American. The time mentioned in KYW program is Standard Central Time. For Daylight Saving Time add one hour to the schedule.

DETOUR NEWS STATION WWJ

360 Meters Detroit, Michigan
Eastern Standard Time

Daily except Sunday
11:55 A.M. U. S. Naval Observatory time signals relayed by telegraphs.
3:30 P.M. Market quotations on 485 Meter wave lengths.
4:05 P.M. Weather reports on 485 Meter wave lengths.
5:00 P.M. News Bulletin on sports and other events.
7:00 P.M. Bedtime Story; Latest news, bulletins, stock reports.
8:30 P.M. Program by selected artists.

(Programs continued on page 15)
**RADIO CHAPEL**

Rev. W. Frank Silveus

Rev. W. Frank Silveus, A.M., D.D., was born in Mercer County, Pennsylvania. First attended the country school, then prepared for college at Mercer Academy, later he took the A.M. degree at Waynesburg College, Pennsylvania, then the D.D. degree at Lebanon University. He has organized five churches in the Pittsburgh district and one in Pittsburgh, Pa., has built five church buildings and one parsonage.

Rev. Silveus was pastor of the Grace Presbyterian Church, East End Ave., Pittsburgh, until the union of that church with the East End Presbyterian Church, thus forming the Waverly Presbyterian Church. He is now pastor of the First Presbyterian Church of Duquesne, Pa., which, under his ministry, has grown to a large and prosperous church.

He is the present moderator of Pittsburgh Presbytery, one of the largest presbyteries in the denomination. He is also the newly elected President of the Presbyterian Ministerial Association of Pittsburgh, Pa.

**RADIO BREAKS INTO JAIL**

Stone walls and iron-barred gates may keep lawbreakers within prisons, but they can not keep radio signals out. The penetrability of radio telephone waves has been taken advantage of by at least one prison warden, who says the men have found a new interest to alleviate their condition.

Charles C. Clarke, warden of New Hampshire State prison, writing the General Electric Company at Schenectady recently, stated:

"Received a wonderful radio concert tonight at New Hampshire State prison from Schenectady. We are the first prison in the United States to install a radio receiving outfit for our inmates."—Newark Sunday Call.

**Business Men Who Have Made Addresses by Radio**

Dr. Louis K. Manley, Professor of Political Science, University of Pittsburgh; Sidney A. Teller, Resident Director Irene Kaufmann Settlement; Robert C. Montgomery, C.P.A., connected with Benedum-Trees Interests; Louis Fenn Vogt, Works Manager, Standard Chemical Company, Canonsburg, Pa.

Most of the broadcasting stations are making a special feature of educational talks on subjects of general interest. It is surprising how much can be learned by spending a few minutes each day, and we venture the assertion that if a person will listen to one of the short radio talks each day, he will be surprised how much broader his general knowledge will be at the end of a year.

---

**The greatest all-around radio battery satisfaction invariably is found in WESTINGHOUSE RADIO BATTERIES**

At your dealer's or any Westinghouse Battery Service Station

Westinghouse Union Battery Co., Swissvale, Pa.

"The best Westinghouse can build"
New York and Eastern District Schedule

(Program continued from page 10)

7:00 P.M. Concert by the 12th Street Band, (30 pieces) of Brooklyn. This organization has been in existence for fifteen years, and is connected with the 12th Street Reformed Church, Brooklyn, under the direction of Lieut. Frank E. Houts.


Friday, July 7, 1922

6:00 P.M. "Man in the Moon" stories (c) Newark Sunday Call.

6:30 P.M. Talk by H. A. Hegerman, Vice-Pres. of Raymond and Whitcomb Company.

7:00 P.M. Literary Evening conducted by the Editorial staves of the "Outlook," "Scientific American," and Harper & Bros.

8:00 P.M. Concert by Lyric Orchestra (28 pieces), Staten Island Institute of Arts and Sciences. Mr. H. Danisenski, Manager.

8:30 P.M. Concert by the Morrisstown Quartette, Herbert H. Jones, Manager.

Saturday, July 8, 1922

6:00 P.M. "Uncle Wiggily's Bedtime Stories," by Howard R. Garis, the author of the "Uncle Wiggily Stories," printed in many newspapers and frequently appearing on KDKA's and WJZ's radio programs.

6:45 P.M. "Fashion Talks" by an editor of Harper's Bazaar.

7:00 P.M. Concert by Herbert W. Reith and his Moonlight Serenaders; Harold J. Lobdell, piano and cornet; Harold T. Gill, violin; Milton Selleck, baritone and piano; Herbert W. Reith, saxophone, piano and clarinet; William Mason, drums.


8:30 P.M. Concert by Jas. MacDonald, baritone; Yonkers, N. Y.

Sunday, July 9, 1922

2:00 P.M. Radio Chapel Services, Rev. Robt. F. Gibson, Church Mission Home.


6:00 P.M. Franklin K. Mathews, Chief Scout Librarian of the National Council, the Boy Scouts of America, will read from "Brown Wolf and Other Jack London Stories," which he edited for the MacMillan Company. This is called to the special attention of the Boy Scouts of America.

6:30 P.M. "Aims and Purposes," by Robt. Murphy, courtesy American Museum of Natural History.

7:00 P.M. Concert by the New York American Conservatory of Music.

8:15 P.M. Concert by the Apollo Quartette, Mr. J. C. Phelan, Manager.

WJZ'S WEEKDAY SCHEDULE

8:00 A.M. Agricultural Reports and Prices as released by the New York, New Jersey, Federal Agricultural Bureaus; Musical Program.

9:00 A.M. Musical Program, DUO-ART Recital.

10:00 A.M. Opening prices on active bonds and stocks under the authority of the New York Stock Exchange; Musical Program DUO-ART Recital.

11:00 A.M. Agricultural Reports and Prices released by the New York, New Jersey and Federal Agricultural Bureaus; Weather Forecast; Musical Program; DUO-ART Recital.


12:00 M. Midday prices on active bonds and stocks under the authority of the New York Stock Exchange; Musical Program.

1:00 P.M. Shipping News (excepting Saturday) by the Marine Engineering and Shipping Age; Musical Program.

2:00 P.M. Musical Program.

3:00 P.M. Baseball Scores of the American, National and International league games; Women's Fashion News by the Women's Wear Daily Fashion Newspaper; Musical Program.

4:00 P.M. Baseball Scores of the American, National and International League games; Musical Program.

5:00 P.M. Official Weather Forecast; Agricultural Reports and Prices as released by the New York, New Jersey and Federal Agricultural Bureaus; Shipping News (excepting Saturday) by the Marine Engineering and Shipping Age; Musical Program.

6:00 P.M. Final Baseball Scores; Children's Stories and Music (see detailed program).

7:00 P.M. Closing prices on active bonds and stocks under the authority of the New York Stock Exchange; Marine News by the Radio Corporation of America; (see detailed program).

8:30 to 9:15 P.M. (see detailed program)


10:01 P.M. Official Weather Forecast.

NOTE:—W J Z Broadcasts on weekdays for fifteen minutes on every hour from 8:00 A. M. to 5:00 P. M.; at noon from 11:00 A. M. to 11:30 A. M. The evening's program is continuous from 6:00 P. M. to 9:15 P. M. The Sunday's program is almost continuous from 2:00 P. M. to 9:15 P. M. (see detailed program.)

The time given is Eastern Standard Time. For Daylight Saving add one hour.
Southern District

ATLANTA JOURNAL STATION WSB
360 Meters Atlanta, Georgia
Central Standard Time
12:00 M. Weather report. Summary for cotton states.
2:30 P. M. Close on cotton and grain, and spot quotations, Atlanta Commercial exchanges, and United States Bureau of Markets.
4:00 P. M. Music.
5:00 P. M. Baseball returns, late news flashes, additional markets, daily bedtime story, phonograph records.
7:00 P. M. Program of Music.

REICHMAN-CROSBY MEMPHIS PRESS STATION WKN
360 Meters for Amusements Memphis, Tenn.
485 Meters for Government
Central Standard Time
11:45 A. M. Weather Reports.
2:30 P. M. Bureau of Markets and Crop Estimates.
6:00 P. M. Baseball scores.
8:15 P. M. Music, Lectures, etc.
11:00 A. M. Sunday, Sermon.

Chicago and Mid-West District

(Continued from page 12)
THE PALMER SCHOOL OF CHIROPRACTIC STATION WOC
360 meters for programs
485 meters for weather reports Davenport, Iowa.
Central Standard Time.
Weekday Schedule
12:00 Noon Chimes Concert.
3:30 P. M. Educational Talk.
5:45 P. M. Chimes Concert.
7:00 P. M. Program of Music.

Sunday
9:00 A. M. Sacred Chimes Concert.
12:30 P. M. Concert.
6:00 P. M. Organ Concert.
7:00 P. M. Sacred Music.

HATFIELD ELECTRIC-INDIANAPOLIS STAR STATION WOH
360 Meters Indianapolis, Indiana
Central Standard Time
Weekday Schedule
10:00-11:00 A.M. Musical program with special features.
10:15 A. M. Financial, grain and live stock market reports.
10:30 A. M. Special items of interest to women, Monday, Wednesday and Saturday.
1:00-2:00 P. M. Musical program with special features.
1:20 P. M. Market reports.
4:00-5:00 P. M. Musical program with special features.
4:15 P. M. Police notices.
4:50 P. M. Baseball scores.
—Sunday—
10:00-11:00 A. M. Special recital.
—Evening Concerts—
8:30-10.00 o'clock, Monday, Wednesday and Saturday.

Popular by Radio

Mills Maryland (7) Orchestra
Pacific Coast Broadcasting

The lists of broadcasting stations given in previous issues of Radio Broadcasting News contained stations in the eastern or middle western sections of the United States, covering a range of territory which contains most of our readers. For the benefit of those farther west we are giving below a list of broadcasting stations which are operating in the extreme western part of the United States, where radio broadcasting is very popular. We shall be glad to hear of additional stations from this section, if by chance we have omitted them from our list.

AGI—Signal Corps, Presidio, San Francisco, Calif.
DDV—Noble Electric Works, Monterey, Calif.
KDN—Leo J. Meyberg Co., Fairmont Hotel, San Francisco, Calif.
KFB—Bradbury Radio Store, Yakima, Wash.
KFC—Post-Intelligencer, 600 Pine St., Seattle, Wash.
KFU—Precision Shop, Gridley, Calif.
KGF—Pomona Fixture & Wiring Co., Pomona, Calif.
KHI—C. R. Klerulf & Co., Los Angeles, Calif.
KHQ—Excelsior Motorcycle Co., Seattle, Wash.
KJJ—The Radio Shop, Sunnyvale, Calif.
KJQ—C. O. Gould, 615 E. Main St., Stockton, Calif.
KLB—J. J. Dunn & Co., Pasadena, Calif.
KLF—Collin B. Kennedy Co., Los Altos, Calif.
KSW—The Oregonian, Portland, Ore.
KQP—Electric Power & Appliance Co., Yakima, Wash.
KQW—Herrold Laboratories, 425 S. First St., San Jose, Calif.
KUO—The Examiner Printing Co., San Francisco, Calif.
KVQ—J. C. Hobrecht, Sacramento Bee, Sacramento, Calif.
KWG—Portable Wireless Telephone Co., Stockton, Calif.
KYJ—Leo J. Meyberg Co., Hamburger's Dept. Store, Los Angeles, Calif.
KYY—Radio Telephone Shop, San Francisco, Calif.
KZC—Western Radio Electric Co., Kinema Theater, Los Angeles, Calif.
KZM—Western Radio Institute, Hotel Oakland, Oakland, Calif.
7XG—Willard P. Hawley, Portland, Ore., 200 meters.