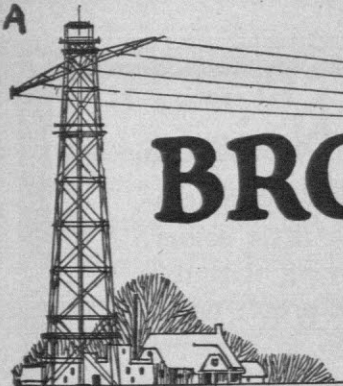


621.37505
RA



RADIO BROADCASTING NEWS

UNIVERSITY OF ILLINOIS LIBRARY

SEP 2 1922



Vol. 2

SEPTEMBER 2, 1922

No. 14

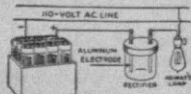
Vacationing With Radio and Canoe



KDKA Furnishes Entertainment for Campers near Oakmont, Pa.



The leak-proof feature of the Willard "B" Battery eliminates annoying ground "hissing" and "frying" noises. Makes concerts more enjoyable!



This rectifier keeps your battery charged. Costs practically nothing to use.

Get Rid of the Noises

There are some you can get rid of by tightening connections or by using a little solder. There are others just as annoying that disappear when you put in a leak-proof; noise-free Willard Radio "B" Battery.

Willard 6-volt Radio "A" Batteries are specially designed for Radio use; Threaded Rubber Insulation; one-piece rubber case; special Radio plates.

Willard Storage Battery Company, Cleveland, O.

Willard

THREADED RUBBER BATTERY.

86 Inquiries

Advertisers in Radio Broadcasting News are getting real results.

Practically every one has reported that his advertisements have had great pulling power in this publication.

One advertiser in Ohio received 86 inquiries from the first two insertions.

The Advertising Service Manager of his Advertising agency writes:

"The writer has just returned from (naming a northern Ohio city) and upon checking up the results obtained from Radio Broadcasting News on the (naming the device advertised), I was agreeably surprised to find that eighty-six inquiries resulted from the first two insertions. Mr. McCarthy is certainly enthusiastic about your book and gives me a whole lot of credit for picking such a winner."

You too can get inquiries and *Sell Apparatus* by advertising in Radio Broadcasting News.

Detailed information on request.

Radio Broadcasting News

DAVIS & WARDE

Advertising Agents

1205 Keenan Building
PITTSBURGH, PA.

RADIO BROADCASTING NEWS

Published Weekly to increase interest and enjoyment in Radio Broadcasting.

Address all communications to the

EDITOR, RADIO BROADCASTING NEWS, 1205 Keenan Building, Pittsburgh, Pa.

Subscription One Dollar Per Year.

Five Cents Per Copy.

Vol. 2

September 2, 1922

No. 14

Vacations and Broadcasting

WHAT is usually considered the vacation season is fast drawing to a close, although there are many persons who prefer to take their vacations later, during the nutting and hunting seasons.

Reports which have been coming in indicate that radio broadcasting has played an important part in many of these vacations, the radio fan being unwilling to lose even for two or three weeks, the many interesting features found in the broadcasting programs.

From mountain and lake, from seashore and wood, from rural community and farm; we hear glowing accounts of the ease with which the receiving set has been transported and installed, and the pleasure it has given not only to the owner, but to others who had not previously known this pleasure.

Camps in the wilds of Canada and Maine have been in contact with the world through radio news, and the hours of leisure have been enlivened by the musical programs and addresses from the leading broadcasting stations.

The Leonard-Tendler champion boxing bout was followed blow-by-blow, with the intense interest of the ring-side spectator,

by vacationists deep in the Canadian forests, and thousands of fans receive the baseball scores daily while on their fishing trips or other recreations.

Even the canvas canoe, usually associated with lonely places and isolation, has been fitted up with radio receiving sets and loop aerials, which have given perfect satisfaction.

Automobile tourists, desiring to introduce novelty into their journeys have installed receivers which have been the means of attracting much attention on the highway and in the tourist camps where they have stopped.

Of course, there has been some static to contend with, but the additional strength with which most of the leading stations have been operating has given most gratifying results in almost every instance.

As the cooler weather approaches and conditions become more favorable, it is quite possible that similar reports will come from the hunting camps where tired hunters will be refreshed by means of radio music.

Next year the radio receiving set will be considered by many people as an important item in their vacation equipment.

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, September 3, 1922

(Standard Time; add 1 hour for Daylight Saving Time)

10:00 A. M. Services of Calvary Episcopal Church, Shady Avenue, Pittsburgh, Pa., Rev. E. J. Van Etten, Rector. Josiah Poole, Assistant Organist.

1:45 P. M. Children's Bible Story.

2:00 P. M. Radio Chapel at Westinghouse Station KDKA, conducted by Rev. W. A. Sites, pastor, First United Brethren Church, Braddock, Pa.

6:45 P. M. Services of the First Presbyterian Church of Pittsburgh. Rev. Maitland Alexander, D.D., pastor. Rev. W. T. Thompson, D.D., of the Union Theological Seminary, Richmond, Va., in the pulpit.

Monday, September 4, 1922

(Standard Time; add 1 hour for Daylight Saving Time)

6:00 P. M. Weekly Survey of Business Conditions. National Industrial Conference Board. Tri-Weekly letter from "Farm and Home." The Nast Group of Radio Articles—No. 20; "Ribbons, and the Use of Ribbons"—VOGUE; "The Correct Dressed Man of the Cabaret," VANITY FAIR; "Using Tapestries"—HOUSE & GARDEN.

7:00 P. M. "The Honey Bee Family." George H. Rea, Extension Apiarist, Department of Agriculture, Penn. State College.

8:00 P. M. Concert by the Edgar Thompson Quartet; Evan H. Lloyd, tenor; Charles Loomis, basso; Miss Ethel M. Edwards, soprano; Mrs. Nellie Powell-Lloyd, accompanist, and Mrs. Howard H. Pfeil, piano-soloist.

Mr. Evan Lloyd is very well known to KDKA fans; he having appeared at this station on numerous occasions. He is the Director of the Male Chorus and Quartet of the Edgar Thomson Works of the Carnegie Steel Co., at Braddock, Pa. These organizations are very popular at KDKA. Mr. Lloyd is also Tenor Soloist and Director of the Choir at the First Baptist Church of Wilkesburg, Pa. Until a year ago he was a Lyceum and Chautauqua entertainer having traveled extensively in the States and Canada in the various circuits on the Affiliated Lyceum Bureaus of America.

Miss Ethel M. Edwards makes her initial appearance at KDKA and comes highly recommended. She is a coloratura soprano of exceptional ability and is a member of the Dunbar English Opera Co., of Chicago which operates in the Middle-Western and Western States. She is a former pupil of Mr. Robert A. Minardi one of Pittsburgh's most popular vocal teachers. Miss Edwards has a very extensive repertoire of songs and is indeed a very artistic performer.

Mr. Loomis needs no introduction to KDKA friends as this is one of his many appearances here. He is very popular with his exceptionally deep bass songs. Mr. Loomis possesses a very unique basso voice of a limitless range. It is of the sonorous type and of very good quality. He

Baker 18K White Gold

is extensively used in the manufacture of fine jewelry; it is blue (platinum)—white in color and does not tarnish. Baker 18K White Gold is fully guaranteed by the manufacturers and is available to all manufacturing jewelers.

Remember the name—insist on having

Baker 18K White Gold

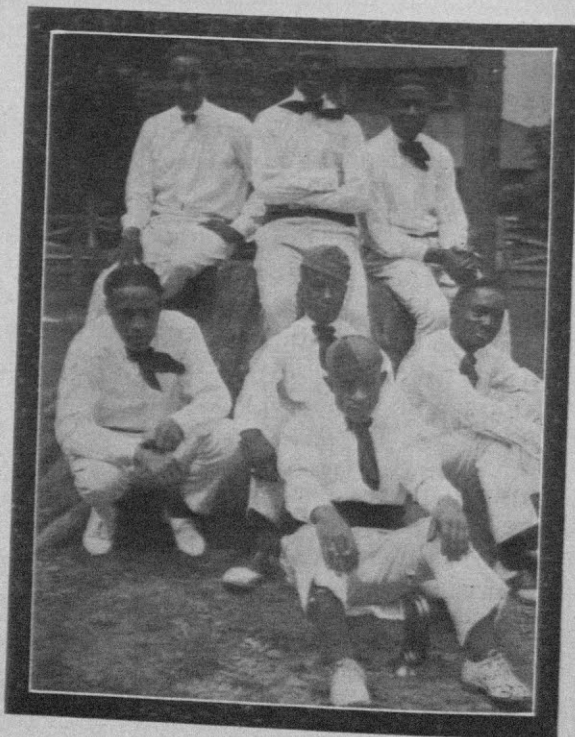
Baker Platinum Works, Newark, N. J., U. S. A.

sings a low D with consummate ease. His songs are very well chosen and are always sure to please.

Mrs. Nellie Powell-Lloyd a very well known accompanist of Braddock and vicinity and an old performer here having appeared many times in conjunction with the Edgar Thomson Quartet and others. She has proven herself a very capable accompanist in each of her appearance and will on this occasion support all three vocalists on this program.

(KDKA Program continued on page 5)

Musical Club Plays Return Engagement at KDKA



Symphonium Sereaders of Pittsburgh

(KDKA Program continued from page 4.)

Mrs. Howard H. Pfeil the piano soloist on the program is a very adequate performer and displays wonderful technique at the piano. She is well known in musical circles at Pittsburgh being a former member of the Pittsburgh Tuesday Musical Club. Mrs. Pfeil owes considerable of her success as a piano soloist to her former teacher Miss Lillian Frederick of Pittsburgh, a well known Concert Pianist. She was also a student at the State College of Pennsylvania and is now an instructor of Piano at East Pittsburgh, Pa.

Program: Bass solos—"The Armorer's Song," DeKoven; (a) "Davey Jones' Locker," Petrie; (b) "O'er the Billowy Sea," Smith; (a) "Rollin' Down the Rio," German; (b) "Clang of the Hammer," Bonheur. Tenor solos—(a) "Soldiers Sons," Mascheroni; (b) "Daddy's Little Boy," Manna Zucca; (a) "The Last Watch," Pinsuti; (b) "The Village Blacksmith," Weiss. Soprano solos—(a) "Love is a Merchant," Carew; (b) "De Sun is a 'Sinkin'," Bohannon; (a) "Villanelle," Della Acqua; (b) "Birth of Morn," Leoni. Duet—"Down the Vale." Moir, Miss Edwards and Mr. Lloyd; Piano solos—to be selected—Mrs. Pfeil.

Tuesday, September 5, 1922*(Standard Time; add 1 hour for Daylight Saving Time)*

- 6:00 P. M. Weekly Fashion Letter of Interest to Women, prepared by Joseph Horne Company, Pittsburgh, Pa.
- 7:00 P. M. United States Public Health Service Bulletin. "Dynamite"—The New Aladdin's Lamp, by T. W. Bacchus, Vice President, Hercules Powder Company, Wilmington, Del.
- 8:00 P. M. Concert by *M. J. Scheidlmeier, tenor-banjo and mandolin; Mrs. M. J. Scheidlmeier piano; Fred J. Bacon, banjo; Lelia Wilson-Smith, dramatic soprano; Alfred L. Cannon,

tenor; Ben L. Brennen, saxophone and Samuel Fiedler, violin.

*Mr. Scheidlmeier is considered the most accomplished banjo player in the United States.

Program: Tenor banjo solos—"Boston Ideal March," Siegel; "Evening Song," Brunover; Soprano solo—"The Star," Rogers; Tenor solo—"Until," Sanderson; Duet—Prison Scene from "El Travatore" (in Italian); Miss Smith and Mr. Cannon. Banjo solos—"Commandery March," Bacon; "West Lawn Polka," Glynn. Fred J. Bacon, of New London, Conn. Violin solos—"Meditation" from Thais, Massenet; "Minuet in G," Beethoven. Mandolin solos—"Melody in G," Scheidlmeier; "Serenade," Abt. Mr. Scheidlmeier, accompanied by Mrs. Scheidlmeier. Popular selections by Scheidlmeier's Orchestra.

Wednesday, September 6, 1922*(Standard Time; add 1 hour for Daylight Saving Time)*

- 6:00 P. M. "Is Defective Vision a Cause of Social and Industrial Inefficiency." Wm. J. Van Essen, President of Pennsylvania Optometric Association, Pittsburgh, Pa. Weekly Summary of the "Iron Age." An address by F. H. Babcock, Supervisor of Safety of the P. & L. E. Railroad, on the Careful Crossing Campaign. Tri-Weekly letter from "Farm and Home."
- 7:00 P. M. Organ Recital from Westinghouse Station KDKA, on an Aeolian Orchestrelle.
- 8:00 P. M. A group of selections by an artist new to KDKA listeners, William J. O'Donnell, lyric-tenor; accompanied by M. N. Frey. Mr. O'Donnell, while an accomplished singer, did not study with the professional end in view,

*(KDKA Program continued on page 7.)***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

F. C. CLIPSON, Pres.

C. W. CRAWFORD, Vice Pres.

H. G. STWART, Treas.



100-150-200 Ft. Per Carton

Has the Underwriters' O. K.

COPPER CLAD STEEL COMPANY
 NEW YORK SALES OFFICE: 30 CHURCH STREET, NEW YORK
 CHICAGO SALES OFFICE: 129 S. JEFFERSON ST. CHICAGO
 MAIN OFFICE AND WORKS: BRADDOCK P. O., RANKIN, PA.

(KDKA Program continued from page 5)

but is sure, nevertheless, to please. He studied under Joseph C. Smith, formerly of the Metropolitan Grand Opera Company and has been soloist for the Penn State College Band. Mr. O'Donnell has taken the leading part in several commencement plays.

Program: "The Rose and the Violet," "In the Garden of My Heart," "Duna," "Sunrise and You," "I'll Forget You," "Your Voice is Like Heaven to Me."

Anna Griffiths Van Essen, soprano, and well known to our listeners, having done a great deal of solo work for KDKA, will sing several favorite numbers. She will also be accompanied by Mr. M. N. Frey, who is a great favorite in the musical world.

Program: Aria "Carmen," Bizet; "Ashes of Roses," Woodman; "Cradle Song," Brahms; "Carry Me Back To Old Virginny" and "I Cannot Sing the Old Songs."

Thursday, September 7, 1922

(Standard Time; add 1 hour for Daylight Saving Time)

6:00 P. M. Baseball scores and Late News.

7:00 P. M. An address of interest to the farmer, prepared by The National Stockman and Farmer, Pittsburgh, Pa.

8:00 P. M. Concert by Miss Jessie Wise Greenewald, soprano; Melvin S. Hemphill, baritone, and Earl B. Collins, composer and pianist.

Program: Soprano solos—"Dawn," Manney; "Memory," Ganz; "Will O' The Wisp," Spross; "Haymaking," Needham. Baritone solos—"Thine My Thoughts Are Margareta," Meyer-Helmund; "Dark Eyes Tender," Manney; "Dead Mountain Flower," Salter; "I'll Love You Yet," Earl B. Collins; "Trade Winds," Kell; "Sands O' Dee," Clay. Piano solos—"Rhapsodie d'Auvergne," Saint-Saens; "Sons Bois," Staub.

Friday, September 8, 1922

6:00 P. M. Tri-Weekly letter from "Farm and Home." Detours and Conditions of Highways within a radius of 150 miles of Pittsburgh, including Pittsburgh, Ohio and West Virginia.

7:00 P. M. Piano Recital from Westinghouse Station KDKA, on a Steinway Duo-Art Reproducing Piano.

8:00 P. M. Concert by Gertrude Sykes King, well known soprano at this Station. Many complimentary remarks regarding Mrs. King's pleasing voice have been received. Quoting from the PROVIDENCE (R. I.) JOURNAL, "Mrs. King has a voice of power and sweetness and delighted the audience with her ease of execution and intelligent interpretation." THE PITTSBURGH POST says: "Mrs. King aroused much enthusiasm with the large and fashionable audience, not only by her artistic singing and beautiful voice, but by her charming individuality." Mrs. King will be ably accompanied by Margaret Ledwith, who is also a piano soloist.

Program: "Elsa's Dream," Lohengrin, Wagner; "The Blind Ploughman," Clark; "Lullaby," Worrell; "Robin, Robin, Sing Me A Song," Spross. Elmer Stephan, tenor, will sing several duets with Mrs. King. Mr. Stephan has a very charming voice that blends well with that of Mrs. King. "Neath the Stars," Goring Thomas, and "L'addio," Nicolai, are the selections.

(KDKA Program continued on page 7)

Cleveland Dulce-Tone Junior.



RADIO MUSIC PERFECTLY REPRODUCED THROUGH YOUR PHONOGRAPH

The Dulce-Tone Junior converts your phonograph into the finest of loud talkers without detracting in the least from its power to play phonograph records.

The radio music comes to you with cello-like sweetness, even more clearly than that reproduced from your records.

The Dulce-Tone Junior is adaptable to any phonographic instrument. When you consider that you are using the wonderful sound-box, tone-arm and even the needle which has been perfected only after years of experimenting, you can realize the QUALITY and SWEETNESS of the tone which is so faithfully reproduced through the Dulce-Tone Junior.

Any one can attach the Dulce-Tone Junior in a few minutes. To operate, simply swing the tone arm allowing the needle to rest on the small center element of the Dulce-Tone Junior. This ingenious instrument eliminates the necessity of numerous expensive head-phones when entertaining a room-full of people—a true economy.

The Dulce-Tone Junior is the instrument of the century—an instrument that will improve any radio set. Put one on your phonograph today and realize the possibilities of radio music for quality of tone.

RETAIL PRICE ONLY \$15.00
(\$17.50 West of the Rockies)

If your dealer does not handle the Dulce-Tone Junior, fill out the coupon below, mail it with one dollar and we will forward this wonder instrument to you C. O. D. at \$14.00.

The Cleveland Radio Mfg. Co.

233 St. Clair Ave. N. E. Cleveland, Ohio
Sole Licensees under Kaehni circuit inventions and patent applications

COUPON

THE CLEVELAND RADIO MFG. CO.
233 St. Clair Ave. N. E. Cleveland, Ohio

- Enclosed find one dollar for which send me a Dulce-Tone Junior (\$14.00 balance Due C. O. D.).
- Send me your folder entitled "Waves to You Through Your Phonograph".

Name.....

Address.....

Town and State.....

(KDKA Program continued from page 6.)

Saturday, September 9, 1922

(Standard Time; add 1 hour for Daylight Saving Time)

2:00 P. M. Popular concert. Name of orchestra and program will be announced by radiophone.

6:30 P. M. "Under the Evening Lamp," a department initiated and conducted by Youth's Companion.

Program: "The Last of the Wolf"—a story of adventure by Herbert Coolidge; "The September Eclipse"—what the impending eclipse may mean to science; "Not Prepared"—a bit of humor; "The Victory of Defeat"—public speaking and what it did for one man; "A Little Wreck"—Sam breaks the bad news gently.

8:00 P. M. Concert by The Pittsburgh Quartet, composed of Peter Higgins, first tenor; Cad C. Morgan, second tenor; D. J. George, first bass and John S. Morgan, second bass. Alvin Adams, accompanist. Julius Glasser, violin, accompanied by his sister, Miss Ruth Glasser.

Peter A. Higgins was formerly of the Watson Boulevard Church, Pittsburgh, Pa.

Cad C. Morgan is a member of the Sewickley, Pa., U. P. Church Choir in the capacity of first tenor.

David J. George is director of the Cambrian Chorus, who won the first prize at the Elstedford, Welsh Song Festival, at Youngstown, Ohio. He is at present a member of the Bellevue Church Quartet.

John S. Morgan is bass soloist at Trinity Lutheran Church, North Side, Pittsburgh, Pa.

Walter R. Vogel, accompanist for the quartet.

Program: Quartet—"Sailors' Chorus"—Parry; Tenor solo—"Where E'er You Walk"—Handel, Cad C. Morgan. Violin solo—"Mazurka,"—Musin, Mr. Glasser; Quartet—a. "Sing Sweet Bird,"—Baldamus; b. "Ashes of Roses"—Cole; Bass—"The Sea Makes a Man a Man"—Blackman, John S. Morgan; Quartet—"Sunset,"—Van de Water; Tenor solo—"Little Town in Old County Down," Sanders, Mr. Higgins; Violin—"The Last Rose of Summer" (arranged by Auer), Mr. Glasser; Quartet—a. "In the time of Roses"—Reichardt; b. "Absent," Metcalfe; Baritone solo—"The trumpet Call," Sanderson, Mr. George; Quartet—"Good Night," Dudley Buck.

Sunday, September 10, 1922

(Standard Time; add 1 hour for Daylight Saving Time)

10:00 A. M. Services of Point Breeze Presbyterian Church, Fifth and Penn Avenues, Pittsburgh, Pa. Dr. P. H. Barker, minister.

1:45 P. M. Children's Bible Story.

**We Specialize in
Brass Rod and Tubing
Sheet Copper, Aerial Wire
and Binding Posts**

For Radio—Retail and Wholesale

McKenna Brass and Mfg. Co.
First Ave. & Ross St. Pittsburgh, Pa.
Phone, Court 37

2:00 P. M. Radio Chapel at Westinghouse Station KDKA, conducted by Dr. J. G. Hunt, Professor of Missions, United Presbyterian Theological Seminary, North Side, Pittsburgh, Pa.
6:45 P. M. Services from the First Presbyterian Church of Pittsburgh, Rev. Maitland Alexander, D.D., Pastor. Rev. J. Ritchie Smith, D.D., Prof. of Homiletics, Princeton Theological Seminary, will occupy the pulpit.

KDKA'S WEEK-DAY SCHEDULE

- 9:00- 9:15 A. M. Music.
- 11:30-12:00 M. Music.
- 2:30 P. M. Results of all league baseball games by innings. On Saturday, those of the International 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. News.
- 6:45 P. M. Government Market Reports, and a Summary of the New York Stock Exchange.
- 7:00 P. M. Baseball scores, Special Addresses by business men and women. Special Features. Nightly Talks, courtesy Pittsburgh Post; "Somebody's Birthday Today," by Elsie Allen; "An Editorial for Women," by Florence Davies.
- 7:30- 8:00 P. M. Bedtime and Uncle Wiggily Story for Kiddies.
- 8:00- 9:00 P. M. Musical Program. Baseball scores.
- 9:55-10:00 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.
- Steinway Duo-Art Reproducing Piano and Rolls and Aeolian Orchestrelle—courtesy of C. C. Mellor Co., Pittsburgh, Pa.
- Brunswick Phonograph procured from Gray & Martin, Pittsburgh, Pa.
- Edison Phonograph and Records—courtesy of J. E. Bumbera, Swissvale P. O., Pittsburgh, Pa.
- Victor Records—courtesy of S. Hamilton Co., Wilkensburg, Pa.
Many Artists whose names are contained in these pages are available for both public and private entertainment.

**FEDERAL TELEPHONE & TELEGRAPH CO.
STATION WGR**

- 360 Meters Buffalo, New York.
Eastern Standard Time
Wave Length—485 meters
- 12:15 P. M. Weather and Market Reports.
- 4:30 P. M. Weather and Market Reports.
Wave Length—360 meters
- 4:40 P. M. Closing prices of New York Stock Exchange and Chicago Board of Trade.
- 7:00 P. M. Bedtime Stories and short talk on Buffalo by High School Boy.
- 7:10 P. M. Baseball scores and digest of the day's news.
- 7:20 P. M. Musical Program.

- 9:52 to 10:00 P. M. Standard time signals from Arlington.
10:01 P. M. Weather Report, official, musical program continued.

Wednesday, September 6, 1922

(Standard Time; add 1 hour for Daylight Saving Time)

- 4:30 P. M. Review of the Iron and Steel Industries and their relation to general business conditions, by the Iron Age.
6:00 P. M. Final scores of the American, National and International League games.
6:10 P. M. "Animal Stories" by Florence Smith Vincent of the New York Evening Telegram.
8:00 P. M. "Location of Ships at Sea" by the Radio Corporation of America; final baseball scores; closing prices on stocks, bonds, grain, coffee and sugar.
8:15 P. M. "Psychology of Cheerfulness" by Edith Wing Peacock, Chairman of the Applied Psychology Department, League for the Larger Life.

Mrs. Peacock, known as the San Antonio woman orator, wife of the principal of the Peacock Military Academy, Texas, is a graduate of Ottawa College of Oratory. She was known as "Foster Mother" by the boys of the Thirty-third Division who were in training at Camp Logan and Camp Travis, where Mrs. Peacock was instrumental in fostering acquaintanceships and community interests.

- 8:25 P. M. Concert under the direction of Chas. D. Isaacson, Chairman of the N. Y. Mall's concerts: members—Miss Erna Korn, contralto;

Miss Hedy Spielter, pianist; Josef Kallini, tenor; Zimbler Trio, consisting of Miss Mathilde Zimbler, cellist; Miss Isabella Zimbler, violinist; and Hazel Gruppe, pianist.

Program: Trios—C Minor Trio (Allegro con brio), Beethoven; "Serenade," Widor; "Valse des Fleurs" (Nut Cracker Suite), Tchaikowsky; "España," Chabrier. Contralto solos:—"O don Fatale (Don Carlo)," Verdi; "Dawn," Pearl Curran; "Love's In My Heart," Woodman; "The Great Awakening," Kramer; "If," Vanderpool. Tenor solos:—"E Lucevan La Stelle," Puccini; "L'Addio a Napoli," Cottrau; "At Dawning," Cadman; "Then You'll Remember Me," (Bohemian Girl), Balfe; "Two Russian Songs," Talks—"The Ensemble in Music;" "Face to Face with Balfe," (from "Face to Face with Great Musicians") by Chas. D. Isaacson.

- 9:20 P. M. "The Blue Bird," an opera recital by Amy Grant, teacher, the speaking voice, New York.

- 9:52 to 10:00 P. M. Standard time signals from Arlington.
10:01 P. M. Weather report, official; musical program continued.

Thursday, September 7, 1922

(Standard Time; add 1 hour for Daylight Saving Time)

- 6:00 P. M. Final baseball scores of the American, National and International League games.
6:10 to 6:30 P. M. "Jack Rabbit Stories" by David Cory, New York Evening Mail.
9:52 to 10:00 P. M. Standard time signals from Arlington.
10:01 P. M. Weather report, official.

Friday, September 8, 1922

(Standard Time; add 1 hour for Daylight Saving Time)

- 6:00 P. M. Final baseball scores of the American, National and International League games.
6:10 P. M. Bedtime stories by Thornton Burgess, author, whose stories appear in nearly a hundred newspapers.
8:00 P. M. "Weekly Reports on conditions of leading industries," by R. D. Wycoff, editor of the Magazine of Wall Street; final baseball scores; location of ships at sea, by the Radio Corporation of America; closing prices of stocks, bonds, grain, coffee and sugar.
8:15 P. M. Novelty act with a Tin Whistle by Felix Livingston who has the distinction of being one of the very few flageolettists on the vaudeville stage and his deftness with this little instrument has earned for him the name of America's greatest Tin-Whistle Virtuoso. Program: "The Original Fox Trot," Henry Klickman; "Swanee River Moon," Pitman Clarke; "La Tipica," Carlos Curti; "Coo Coo," Al Jolson and E. G. DeSylva.
8:30 P. M. "Thibet of Egypt" by F. R. Resland, who will tell about this coming feature of the Newark Museum.
8:40 P. M. Literary evening conducted by the editorial staffs of the Outlook, Scientific American and Harper & Bros.
9:35 P. M. Artists from the Schubert Vaudeville Circuit will entertain.
9:52 to 10:00 P. M. Standard time signals from Arlington.
10:01 P. M. Weather report, official.
10:02 P. M. Recital by Mazie Parrish, soprano;

(WJZ Program continued on page 11)

Result of 14 Years
Experience



"As good as Brandes"

Only if a headset bears the name Brandes can it be "as good as Brandes." And genuine Brandes **Matched Tone** headsets cost no more than less sensitive and less rugged imitations.

Send 10c in stamps for the "Beginner's Book of Radio," which explains radio in terms that anyone can understand and

Distributors and District Offices:
Munsey Bldg., Washington, D.C. 76 Pearl St., Boston, Mass.
33 S. Clinton St., Chicago, Ill. 709 Mission St., San Francisco, Cal.
International Electric Company, Wellington, N. Z.

C. Brandes, Inc.

Matched Tone Headsets
237 Lafayette St., New York.

DEPT. RBN

Made in Canada by—Canadian Brandes, Ltd., Toronto
And distributed by—Perkins Electric, Ltd., Montreal

GENERAL ELECTRIC CO.—STATION WGY
360 Meters Schenectady, N. Y.
 Eastern Standard Time

Monday, September 4, 1922
 Station Closed—Holiday

Tuesday, September 5, 1922
(Standard Time; add 1 hour for Daylight Saving Time)

- 12:00 M. U. S. Naval Observatory time signals.
- 12:30 P. M. Noon stock market quotations.
- 12:40 P. M. Weather forecast on 485 meters.
- 6:00 P. M. Produce and stock market quotations; baseball results in National, American and International leagues; late news bulletins.

7:45 P. M. Concert program as follows:

March—"The Tenth Regiment," Hall, WGY Instrumental Quartet; Violin solo, "Reverie," Vieuxtemps, John M. Playford; Baritone solo—"The Lord is my Light," Allitsen, C. H. Romleski; Piano solo—"Polonaise in C Sharp Minor," Chopin, Mildred A. Owen; Reading—Selected—Mrs. John M. Playford; Trio for Violin, Cello and piano—"Hungarian Dance No. 5,"—Brahms, WGY String Trio; Violin solos—(a) "The Dew is Sparkling," Rubinstein-Elman; (b) "Schoen Rosmarin," Kreisler, John M. Playford; Baritone solos—(a) "Friend O'Mine," Sanderson, (b) "Till I Wake, from Indian Love Lyrics," Woodford-Finden, C. H. Romleski; Trio for Violin, Cello and Piano—"Hungarian Dance No. 6,"—Brahms, WGY String Trio; Piano solos—(a) "Midsummer," MacDowell, (b) "To a Deserted Farm," MacDowell, Mildred A. Owen; Reading—Selected—Mrs. John M. Playford; Orchestra—"Deutscher Tanz," Dittersdorf, WGY Instrumental Quartet; Violin solo—"Walther's Prize Song, from Die Meistersinger,"—Wagner, John M. Playford; Baritone solo—"Three for Jack," Squire, C. H. Romleski; Piano solo—"Etude Opus 10, No. 3," Chopin, Mildred A. Owen; Orchestra—"Spanish Dance in C," Moszkowski, WGY Instrumental Quartet.

Wednesday, September 6, 1922

(Standard Time; add 1 hour for Daylight Saving Time)

- 12:00 M. U. S. Naval Observatory time signals.
- 12:30 P. M. Noon stock market quotations.
- 12:40 P. M. Weather forecast on 485 meters.
- 6:00 P. M. Produce and stock market quotations; baseball results in National, American and International leagues; late news bulletins.

Thursday, September 7, 1922

(Standard Time; add 1 hour for Daylight Saving Time)

- 12:00 M. U. S. Naval Observatory time signals.
- 12:30 P. M. Noon stock market quotations.
- 12:40 P. M. Weather forecast on 485 meters.
- 6:00 P. M. Produce and stock market quotations; baseball results in National, American and International leagues; late news bulletins.

7:45 P. M. Concert program as follows:

Violin solo—"Flowers and Ferns," Keiser, Miss Vida E. Miller, Miss Eleanor G. Padley, accompanist; Soprano solo—"I Passed by Your Window," Hahe, Miss Ina G. Vermelya; Quartette—"Carmena Waltz Song," Wilson, Miss Grace Beaumont, Mrs. Wm. Fowler, Mr. Ed. Wilkins, Jr., Mr. Chas. Van Buren; Ocarina solo—"Mother Machree," Olcott & Ball, Mr. John D. Dickson; Reading—"The Highwayman," Alfred Noyes, Miss Ruth McNutt; Soprano, Contralto Duet—"Whispering Hope," Hawthorn, Miss Beaumont, Soprano; Mrs. Fowler, Contralto; Violin solo—"Venetian Love Song," Nevin, Miss Miller; Quartet—"Lullaby," Wilkins, Empire Quartet; Bass solo—"Because," d'Hardelet, Mr. Chas. Van Buren; Piano solo—"Etude in D flat," Lizst, Miss Eleanor G. Padley; Soprano solo—"A Picture," Curran, Miss Beaumont; Quartet—"The Rosary," Nevin, Empire Quartet; Ocarina solos (a) "Ben Bolt," Dunn, (b) "Believe Me if All Those Endearing Young

Charms" Moore, Mr. Dickson; Contralto solo—"Just That One Hour," Eville, Mrs. William Fowler.

Friday, September 8, 1922

(Standard Time; add 1 hour for Daylight Saving Time)

- 12:00 M. U. S. Naval Observatory time signals.
- 12:30 P. M. Noon stock market quotations.
- 12:40 P. M. Weather forecast on 485 meters.
- 6:00 P. M. Produce and stock market quotations; baseball results in National, American and International leagues; late news bulletins.
- 6:30 P. M. Reading for Children by Kolin D. Hager—"How the Whale Got His Throat"—from Rudyard Kipling's Just So Stories.
- 7:40 P. M. Health Talk: "Measles" by Dr. Herman M. Biggs, Health Commissioner of New York State.

7:45 P. M. Concert program as follows:

Fox Trot—"Wake Up Little Girl, You're Dreaming," Herscher, Dussault's Orchestra; Tenor solo—"Love Sends a Little Gift of Roses," Oppenshaw, George Daley; Cornet solo—"Yankee Doodle Blues," Jeffray, George Bennett; Fox Trot—"Syncope," Watson, Dussault's Orchestra; Reading—Selected, Mr. Daley; Baritone solo—"Just You," Waitis, Melvin Leon; Fox Trot—"Nobody Lied," Weber, Dussault's Orchestra; Address—"Five Minutes with the American Legion," Grover C. Murphy, Commander Little Falls Post No. 31. Fox Trot—"Hot Lips," Verron, Dussault's Orchestra; Baritone solo—"At the End of the Road," Scott, Francis Spraker; Waltz—"Three O'clock in the Morning," Feist, Dussault's Orchestra; Tenor solo—"Mammy Lou," Gelbel, Mr. Daley; Fox Trot—"Kitten on the Keys," Comfrey, Dussault's Or-

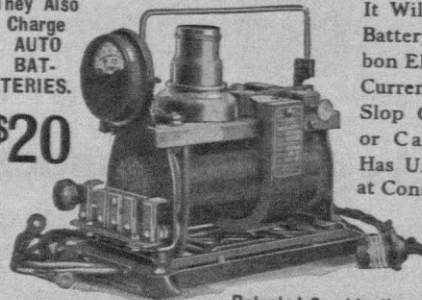
(WGY Program continued on page 11)

F-F RADIO RECTIFIER

Charges Both "A" & "B" Storage Batteries for a few cents at HOME, from a Lamp Socket, over night.

They Also Charge AUTO BATTERIES.

\$20



Patented Combination.

It Will Charge a dead Battery. Infusible Carbon Electrodes Rectify Current. Nothing to Slop Over. Burn Out or Cause Trouble. Has Unlimited Life at Constant Efficiency.

POPULAR PRICES.
 F. O. B. CLEVELAND OHIO

For 100-130 Volt, 60 cycle. Furnished for other Cycles also.
 Type 6 for 6 Volt "A" Battery. Charging at 6 Amperes - \$15
 Type B Charges Radio "B" Batteries Up to 120 Volts - \$15
 Type "A-B" Combination Radio Rectifier for charging 6 Volt "A" Battery and Up to 120 Volts of "B" Storage Battery \$20
 Type 12 for 12 Volt Battery. Charging at 5 Amperes - \$15
 Type 166 for 6 Volt Battery. Charging at 12 Amperes - \$24
 Type 1612 for 12 Volt Battery. Charging at 7 Amperes - \$24
 Type 1626 a Combination of Types 166 & 1612 Charges Both \$36
 Shipping Weights, 11 to 15 lbs. On Sale in Principal Cities. Purchase from Your Dealer, or send remittance for Immediate Shipment, giving us Your Dealer's name at same time.
 Write for FREE Descriptive RADIO & AUTO Bulletin No. 28.

THE FRANCE MFG. CO., CLEVELAND, OHIO

(WGY Program continued from page 10)

chestra; Baritone solo—"Smilin' Thru," Penn, Melvin Leon; Fox Trot—Kalua—"from Good Morning, Dearie,"—Kern, Dussault's Orchestra.

10:30 P. M. Concert Program:

Piano solo—"Moment Musical," Rachmaninoff, Ollie Yettru; Violin solo—"Spanish Dance, Op. 22," Sarasate, Mary Welles, Mrs. Nina M. Jandus, Accompanist; Instrumental Trio—"Chant sans Paroles, Op. 40, No. 6,"—Tschalkowsky, WGY String Trio; Reading—"The Tired Business Man" (By request), Lawson, Selton Montrose; Violin solo—"Serenade," Drdla, Mary Welles, Mrs. Nina M. Jandus, Accompanist; Piano solo—"Idylle," Kjerulf, Ollie Yettru; Instrumental Trio—"Larghetto," C. Bohm, WGY String Trio; Reading—"Boyhood in a New England Hotel," Ford, Selton Montrose; Instrumental Trio—"Autumn and Winter,"—Bacchanal from "The Seasons," Glazounow; Violin solos—(a) "Nachtstuck," Schumann, (b) "Tambourine," Gossec, Mary Welles, Mrs. Nina M. Jandus, Accompanist; Piano solo—"Venetian Boat Song," Mendelssohn, Ollie Yettru.

(WJZ Program continued from page 9)

known as the "Nightingale of the South," Lynne M. Thomas, accompanist.
Program: "Moonlight-Starlight Waltz," by Gilberte; "One Golden Day" by Fay Foster; "Mother Dear," by Sydney P. Harris; "Nanook," by Hagen, Crooker & Nurnberg.

Saturday, September 9, 1922

(Standard Time; add 1 hour for Daylight Saving Time)

- 6:00 P. M. Final baseball scores of the American, National and International baseball league games.
- 6:10 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 WBZ's programs.
- 6:30 P. M. "Under the Evening Lamp" stories, copyrighted by the Youth's Companion—"The Last of the Wolf," a story of adventure by Herbert Coolidge; "The September Eclipse," what the impending eclipse may mean to science; "Not Prepared," a bit of humor; "The Victory of Defeat," public speaking and what it did for one man, and "A Little Wreck." Sam breaks the bad news gently.
- 7:00 P. M. "Location of Ships at Sea" by the Radio Corporation of America. Baseball scores of the American, National and International League games. "Current Topics" by the Institute for Public Service, New York.
- 7:10 P. M. "Fashions" by an editor of Harper's bazaar.
- 7:20 P. M. Dance music by the Acme Novelty Orchestra of Branchville, N. J.—Lawrence R. Dahms, leader and pianist; S. Austin Brew, saxophone; Roy Kauffman, banjo; H. Theo. Rowe, drums and traps.
- 8:35 P. M. "Discipline and Personnel of a Big Liner" by Capt. Charles of the "Aquitania," Cunard Line.
- 9:52 to 10:00 P. M. Standard time signals from Arlington.
- 10:01 P. M. Weather report, official; program continued.

Sunday, September 10, 1922

2:00 P. M. Radio Chapel Services, sermon by Rev.

(WJZ Program continued on page 14)

Chicago and Mid-West District
WESTINGHOUSE RADIO STATION KYW

360 Meters

Chicago, Ill.

Central Standard Time

Sunday, September 3, 1922

(Standard Time; add 1 hour for Daylight Saving Time)

2:30 P. M. Chapel Service will be conducted by the Rev. George Herbert Thomas, M. A., B. D., rector of the St. Paul's Episcopal Church. He will be assisted by a group of choristers from St. Paul's choir, under the direction of Carl Staff, organist and choirmaster of the church. "Rest, Work and Worship," is the subject of the sermon, a fitting subject for the Sunday before our national Labor Day. The text is taken from the twentieth Chapter of Exodus, "Remember the Sabbath Day—Six Days Shalt Thou Labor."

Monday, September 4, 1922

(Standard Time; add 1 hour for Daylight Saving Time)

Musical program by Rose O'Hara, contralto; Sallie Menkes, accompanist. Alexander Campbell, baritone; Helen Dvorak, violinist, Raymond Dvorak, pianist.
Program: "Elegie," Massenet; "April Showers," Silver; "The Living God," "Prelude from Cycle of Life," Ronald; "Ka-Lu-A" from "Good Morning Dearie," Kern, by Rose O'Hara;—"Lungi Dal Care Bene" Secchi; "I'll Forget You," Ball; "I Passed by Your Window," Brahe, by Alexander Campbell; "Lullaby" Friml; "Tambourin Chinois" Kreisler, "Humoreske," Dvorak; "Songs My Mother Taught Me" Dvorak, by Helen Dvorak; "Black Key Etude" Chopin; "Prelude" Rachmaninoff; "Staccato Etude" Rubenstein, by Raymond Dvorak.

Tuesday, September 5, 1922

(Standard Time; add 1 hour for Daylight Saving Time)

7:00 P. M. Program courtesy of Lyon & Healy Concert and Artist Department.

Wednesday, September 6, 1922

7:00 P. M.

Musical program by Blanche Snider, soprano; Stuart Barker, base-baritone; Mrs. Charles Orchard, accompanist; Lucille Manker, pianist.
Program: "Ma Lil' Banjo" Dichmont; "Run On Home," Strickland; "Lil' David" Grant-Schaefer—"Cradle Song" Gretchaninoff. "The Last Hour" Kramer, by Blanche Snider; "Young Tom O'Devon," Russel; "The Paupers Drive," Homer; "Bye and Bye," Burleigh; "Salve Regina," Dana; "I Met Her on the Stairs," Levey; "The Charge of the Light Brigade," Bergen, by Stuart Barker; Piano solos—"Fantasia in C Minor," Mozart; "An Old Minuet"—Scambati; "The Bells of Geneva," (Swiss Pilgrimage) Liszt; "Toccata" (Spinning Wheel) Leschetizky, by Lucille Manker.

Thursday, September 7, 1922

(Standard Time; add 1 hour for Daylight Saving Time)

7:00 P. M. Musical program by Anne Kanter, soprano; Sallie Menkes, accompanist; Elsie Victoria Daily, zither; J. Edson Farrer, tenor; Helen Kremer, pianist.
Program: "Life," Curran; "I Know a Lovely Garden," D'Hardelot; "Vissi D'Arti" (Tosca) Puccini; "When I Go Alone," Buzzipecchi, by Anne Kanter; "Springtime of Love," Foster; "If I Forget," "Homing," Del Reigo; "Morning," Speaks, by J. Edson Farrer; "Allegro Vivace" (Sonata

(KYW Program continued on page 13)

Prominent Artists at KYW, Chicago

CLAIRE GIBSON
SOPRANO

LINDA SOOL
VIOLINIST

ELLA V. SNELL
PIANIST

EDWARD S. SACKS
TENOR

EDWARD W. SCHREINER
TENOR

JOHN W. TABOR
CORNETIST

DANIELLE STUDIO CHICAGO

ORF. PARK BIRDSELL

SWISHER CHICAGO

Performing over the radio is a unique experience for artists—These celebrities enjoyed it as much as their listeners

(KYW Program continued from page 11)

Op. 27 No. 1) Beethoven; "Etude Op. 10 No. 3," Chopin; "Hungarian Rhapsodie 13," Liszt, by Helen Kremer; Zither solo—selected.

Friday, September 8, 1922

(Standard Time; add 1 hour for Daylight Saving Time)

Program by, May L. Wall, contralto; Joseph R. Taylor, accompanist; Bessie Aarvig, accompanist; James D. Westbrook, tenor; Ruth Timme, xylophonist; Earling Wetteland, pianist.

7:00 P. M.

Program: "My Laddie," Thayer; "The Sweet O' The Year," Salter; "Dearest," Homer; "Love," Bleichman, by May L. Wall; "Three," Aylward; "Danny Boy," Wetherly; "The Road That Brought You to Me," Hamblin; "Homings," Del Riego, by James D. Westbrook; "Somewhere a Voice is Calling," Tate; "The Rosary," Nevin; "Sam Fox Trot," Howard; "Russian Rag," Cobb, by Ruth Timme; "Polonaise In A Major," Chopin; "Movement Musical," Schubert; "Ases Death," Grieg; "Chasing Flies," Mullen, by Earling Wetteland.

Saturday, September 9, 1922

(Standard Time; add 1 hour for Daylight Saving Time)

7:00 P. M. Program courtesy of Lyon and Healy Artist and Concert Department.

Sunday, September 10, 1922

(Standard Time; add 1 hour for Daylight Saving Time)

2:30 P. M. Radio Chapel Service by the Right Reverend Monsignor Francis C. Kelly, President of the Roman Catholic Church Extension Society and Pastor St. Francis Xavier Church, Wilmette, Illinois. Subject—"Charity Among Men."

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). Reviews of the latest books given every Friday night, from 8:05 until 8:30 by Llewellyn Jones, literary editor of the Chicago Evening Post.

ST. LOUIS POST-DISPATCH, STATION KSD

360 Meters

St. Louis, Mo.

Central Standard Time

Broadcasts Daily at 4:00 P. M. and 7:45 P. M.

DETROIT NEWS STATION WWJ

360 Meters

Detroit, Mich

Eastern Standard Time.

Sunday, September 3, 1922

(Standard Time; add 1 hour for Daylight Saving Time)

11:00 A. M. Church Services from St. Paul's Cathedral.

4:00 P. M. Schmeman's Concert Band, broadcast from Belle Isle.

5:00 P. M. The Detroit News Orchestra, Otto E. Krueger, conductor.

Monday, September 4, 1922

7:00 P. M. The Detroit News Orchestra; Ruth Moffett, soprano; Evelyn Cranson, pianist; Irena Schnelker, reader.

Tuesday, September 5, 1922

7:00 P. M. The Detroit News Orchestra. Musical numbers.

Wednesday, September 6, 1922

7:00 P. M. The Detroit News Orchestra; Urbana C. Wilbur, soprano. Musical numbers.

Thursday, September 7, 1922

7:00 P. M. The Detroit News Orchestra. Musical numbers.

Friday, September 8, 1922

7:00 P. M. The Detroit News Orchestra; Albertine Schmidtke, soprano; Musical numbers.

Saturday, September 9, 1922

7:00 P. M. The Detroit News Orchestra; Musical numbers.

WWJ'S WEEKDAY SCHEDULE

- 9:30 A. M. "To-night's Dinner" and a special talk by the Woman's Editor.
- 9:40 A. M. Music reproduced.
- 10:25 A. M. Weather (485 meters).
- 11:55 A. M. Time.
- 12:05 P. M. Music reproduced.
- 3:00 P. M. News Orchestra.
- 3:30 P. M. Weather (485 meters).
- 3:40 P. M. Markets.
- 5:00 P. M. Sport results.
- 7:00 P. M. The Detroit News Orchestra; Musical numbers.

Toledo, Ohio; Summer Schedule

MARSHALL-GERKIN CO., STATION WBAJ

360 Meter Wave Length

SERVICE RADIO CO., STATION WJK

360 Meter Wave Length

WM. B. DUCK CO., STATION WHU

360 and 485 Meter Wave Length

Eastern Standard Time

- 9:40 A. M. Daily except Sunday, Market Reports, 485 Meters, WHU.
- 11:00 A. M. Sunday only, 360 Meters, WJK.
- 12:00 M. Sunday only, 360 Meters, WJK.
- 12:00 M. Daily except Sunday, 360 Meters, WBAJ.
- 12:30 P. M. Daily except Sunday, 360 Meters, WBAJ.
- 12:30 P. M. Daily except Sunday, 485 Meters, WHU.
- 1:40 P. M. Daily except Sunday, 485 Meters, WHU.
- 2:00 P. M. Daily except Sunday, 360 Meters, WJK.
- 6:00 P. M. Sunday only, 360 Meters, WJK.
- 6:00 P. M. Daily except Sunday, 360 Meters, WBAJ.
- 7:30 P. M. Sunday, Wednesday and Friday, 360 Meters, WJK.

Southern District

ATLANTA JOURNAL STATION WSB

360 Meters Atlanta, Georgia
Central Standard Time

Week-day Schedule

- 12:00-1:00 P. M. Music (360 meters) and Weather (485 meters.)
2:30-2:35 P. M. Markets (485 meters.)
4:00-4:30 P. M. Howard Theater Overture.
5:00-6:00 P. M. Baseball scores, Southern, National and American Leagues; late news flashes, daily bedtime story, and musical selections.
7:00-8:00 P. M. Concert of vocal and instrumental music.
10:45-11:15 P. M. Musical Program.

Sunday Schedule

- 10:54-12:30 A. M. Service from First Presbyterian Church, Atlanta.
5:00-6:00 P. M. Services from Journal Studio,
8:00-9:00 P. M. Services from Wesley Memorial Church, Atlanta.

THE ALABAMA POWER COMPANY
STATION WSY

360 Meters Birmingham, Alabama
Central Standard Time

Week-day Schedule

- 2:30 P. M. Closing Quotations of New York Stock Exchange, New York Cotton Exchange, New Orleans Cotton Exchange, Chicago Board of Trade. (Wheat, corn and oats.)
Quotations (Morris Avenue, Birmingham) on fruits, produce, live stock, beef, hides and tallow, and poultry. Also local (Birmingham) securities and Liberty Bonds.
8:00 P. M. Concert Program by local artists, Monday, Wednesday, and Friday.
Phonograph and reproducing piano, Tuesday, Thursday, and Saturday.

Sunday Schedule

- 8:00 P. M. Chapel services by pastors and choirs of Birmingham District.

New York and Eastern District

(Continued from page 11)

WESTINGHOUSE STATION WBZ

360 Meters Springfield, Mass.
Eastern Standard Time

- 7:30 P. M. Uncle Wiggily Bedtime Story from the Springfield Union.
7:45 P. M. Prominent speaker, market and weather reports.
8:00 to 9:00 P. M. Program of music.
3:00 P. M. Sunday—Radio Chapel.
8:00 P. M. Sunday—Church Services.

(WJZ Program continued from page 11)

- George H. Donavan of the New York Ave. Reformed Church, Newark, N. J.; sacred music.
5:30 P. M. Readings and records from "The Bubble Book That Sings," by Ralph Mayhew.
6:00 P. M. Reading for older boys and girls from a new book, "Rainbow Gold," edited by Sara Teasdale, famous American poetess, MacMillan Co.
6:30 P. M. 109th Anniversary of Perry's Victory and the Battle of Lake Erie, the battle that made the Middle West American, instead of an Indian "buffer state" by Mabel Washburn, secretary of the National Historical Society, who was one of the official historians of the Perry's Victory Centennial Celebrations, when Perry's ship, The Niagara, was raised from her eighty years' grave in Lake Erie and made a cruise of the Great Lakes.
6:50 P. M. "American Merchant Marine" by John F. Milliken of New York.
7:00 P. M. Final baseball scores.
7:10 P. M. Recital by Farrington Smith, of Newark.
8:05 P. M. Concert by the Hampton Association Quartet.
8:30 P. M. Recital by Iva Krupp Bradley, soprano; who specializes in teaching tone production.

REGULAR DAILY FEATURES

- 8:00 A. M. Early morning reports and prices on farm products by the New York, New Jersey and Federal Agricultural Bureaus; musical program.
11:00 A. M. Opening prices on active bonds and stocks, authority of the New York Stock Exchange; grain, by the Chicago Board of Trade; coffee and sugar, by the New York Coffee and Sugar Exchange. Midday reports and prices on farm products, by the New York, New Jersey and Federal Agricultural Bureaus. The weather forecast, (official); musical program.
11:55-12:00 M. Standard time signals from Arlington.
12:00 M. Midday prices on active bonds and stocks, by the New York Stock Exchange; grain, by the Chicago Board of Trade; coffee and sugar, by the New York Coffee and Sugar Exchange; (dairy prices at this hour on Saturdays); schedule of baseball games for the American, National and International Leagues; musical program.
3:00 P. M. Scores by innings of the American, National and International League Games. "Fashion News" by the Women's Wear Daily Newspaper. Closing prices on active bonds and stocks, authority of the New York Stock Exchange; grain, Chicago Board of Trade; coffee and sugar, by the New York Coffee and Sugar Exchange. Musical program.
4:30 P. M. Final reports and prices on farm products, by the New York, New Jersey and Federal Agricultural Bureaus. Weather reports (Official). Shipping News, by the Marine Engineering and Shipping Age (excepting Saturday). Musical program.

Radio Chapel at KYW, Chicago

Radio Chapel at KYW September 3rd, will be conducted by the Rev. George Herbert Thomas, rector of St. Paul's, Chicago.

"Rest, Work and Worship" is the subject of the sermon, a fitting subject for the Sunday before our national Labor Day. The text is taken from the 20th Chapter of Exodus "Remember the Sabbath Day—Six Days Shalt Thou Labor."

The Rev. Thomas has been the rector of the St. Paul's church for the past seven years, coming to Chicago from a ministry of nine years in Christ Church, Fitchburg, Mass., and eight years in Minneapolis, Minn. He is a graduate of Yale University and of the Episcopal church in the Diocese of Chicago. Rev. Thomas is one of the four clergy deputies to the triennial general convention of the church which will be held this month in Portland, Oregon.

Local Artists Contribute to KDKA's Musical Program



Jack Mullen, Irish bagpiper; James McCarthy, violinist

Using Daddy's Radio



Roma Eileen Hopp, daughter of E. W. Hopp, Vice-President "The Safe Cabinet Company", Marietta, Ohio, who has mounted his receiving set in a handsome cabinet.

Log of Radio 8BXN

August 9th, 1922

Weather: Clear Wind: None Temperature: 63° F.
Miles Distant

Time: Eastern Standard
 7:05 Heating up detector tube.
 7:07 KDKA Pgh., Pa., Organ recital on Aeolian 110 Orchestrelle.
 7:29 KDKA Recital ended. Announces stories at 7:30.
 7:30 KDKA Story. (Sleeping Beauty).
 7:36 KDKA Uncle Wiggily Story.
 7:45 WOR Newark, N. J., Woman announces 420 WOR will broadcast program for WAAM.
 7:50 Very little static. No fading.
 7:55 WBZ Springfield, Mass., Medley of Southern 510 Songs. Asks for report from listeners. Signs off.
 8:03 WJZ Newark, N. J., AWN announcing. 420 Baseball scores.
 8:08 WWJ Detroit, Mich., 'Stand by for two min- 220 utes.'
 8:10 WWJ Xylophone selection by Mr. Cooper with Detroit News Orchestra.
 8:13 WJZ Talk by Mr. Geo. W. Aulter of Good Housekeeping Magazine on "How to take care of washing machines, dishwashers, vacuum cleaners, percolators, irons, etc." This talk was too long and subject not interesting.

(Continued on page 16)

Log of Radio 8BXN—Continued

Time Eastern Standard	Miles Distant
8:33 WCX	Detroit, Mich., Baseball Scores. De- 220
8:35 KDKA	troit 3, N. Y. 8, etc. Four selections by Helen Denny: "Kind Little Thing," "I Do Not Know," "Fairies," "Old Favorite English Song."
8:38 WJZ	Announces program by Meadowbrook Syncopators.
8:40 WCX	Talk about Dept. of Agr. Exhibit at State Fair.
8:57 WGR	Buffalo, N. Y., Signs off 'Good Night 275 Everybody.'
9:01 WJZ	'Offering' by Meadowbrook Syncopators.
9:03 WGL	Medford Hillside, Mass., Piano solo, 575 "Kitten on the Keys." Also announcement about change in program and Sunday broadcasting.
9:06 WGI	"Just a moment please."
9:07 WGI	Selection by Sunbeam Trio.
9:14	Static increasing. Fading noticeable on WGI, but signals plain and readable all the time.
9:20	QRM from 8AQJ (CW).
9:23 WJZ	Selection "Three 'Clock in the Morning."
9:27	QRM from 8AQJ.
9:33 WJZ	Selection, "Swanee Blue Bird."
9:35 WCX	Mr. Erickson plays on violin—Gavotte, by Fox, unaccompanied.
9:36	QRM 8AQJ.
9:37	8AQJ quits for the night. 50 watt a.c. C.W.
9:38 WJZ	Selection, "Some Sunny Day."
9:40 WJZ	Talk, "Plain Facts on Advertising."
9:53 WJZ	Announces time signals.
9:55 WJZ	Starts time signals.
10:00 KDKA	Final dash of time signals. Signs off.
10:01 WJZ	Weather report for N. Y. and N. J.
10:03 WCX	Signs off.
10:08 3XW	Parkesburg, Pa., gives location. This station has more hum and causes more interference than any station so far. Plenty of power but broad wave. Sounds like WOH. Indianapolis only louder.
10:10 3XW	Acknowledges cards, letters, etc.
10:13 3XW	Starts playing phonograph records.
10:14 WJZ	Fox trot, "Nobody Lied."
10:20	Some Radio Company in Phila., Pa. Bad hum. Noise from this station and 3XW almost spoil everything.
10:23 3XW	More phonograph records.
10:44	Phone station gives call but missed it. Plays record of orchestra selection.
10:48 WJZ	Selection by Meadowbrook Syncopators.
10:57 WJZ	Signs off. AWN announcing.
11:00 WWI	Dearborn, Mich., Cornet solo.
11:03 WWI	Ford Motor Co. signs off.
11:05	Station playing records gives call. Didn't get them. Bad hum. Static getting worse.
11:17 WBAU	Philadelphia Radiophone Co., Market St., signs off and requests report. This is evidently the station heard at 10:20, 10:44 and 11:05.
11:30	Sparks and CW starting up by the dozen. Several weak phones heard, but so much interference can't get them in plain.
11:33	8BXN signs off for the evening.

NOTE:—All receiving done using detector alone, and special two control circuit. With the exception of 3XW there was no interference between any two-phone stations and any of those listed above could have been held for entire program. We desired however to see how many stations could be picked up. This station receives or has received from forty radiophone stations on detector alone including Vancouver, B. C. With amplification many more have been heard. We will gladly make test with any station any evening.

Important

RADIO BROADCASTING NEWS

Weekly Radio Programs

Return Postage Guaranteed by
RADIO BROADCASTING NEWS
1205 Keenan Building Pittsburgh, Pa.

UNIVERSITY OF ILL. LIBRARY
MILES O. PRICE
URBANA ILL.

331RN