Choir of St. Stephen's Church, Sewickley, Pa., Directed by A. B. Jennings, Jr. This choir recently gave a Sunday Afternoon Program from Station KDKA.
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Radio by Grand Opera

Of course grand opera by radio isn’t like paying to bucks for a seat and wearing a claw-hammer open-face suit to the real thing. And so it has its advantages. Admission is nix; wear your overalls—or your pajamas if you wish. You can chew gum, eat apples or smoke if you care to, and there is no one to object if you elevate your feet to a comfortable position.

We listened to grand opera being sung in Chicago several times a week or so ago. In every instance it came through splendidly—especially the orchestra. Sometimes the voices were not so clear, probably when the singer or singers would not be facing the microphone. Best of all I enjoyed an opera sung in Italian one evening. Of course I can’t understand Italian, but the music was wonderful.

The voice expression, accompanying the action of the play, was such that I seemed to almost understand what it was all about. In fact, I worked it out for myself about like this:

It seemed that the hero—the one with the wonderful tenor voice had lost his rubber boots and with great fervor was accusing some lady of having stolen them. This lady was vigorously denying in a dulcet voice ranging from high C—or maybe A—down to below zero. In this she was ably supported by the entire company and especially by a magnificent bass voice. What that Basso didn’t tell Tenor isn’t in the book. He declared that Tenor had not lost any boots—never had any boots, and that if he did said Basso would make Tenor eat them. However, there seemed to be some difference of opinion and someone finally intimated that as the lady in question was wearing long skirts of the prevailing style she might be wearing the boots. This greatly affected the lady and she nearly passed away in a plaintive little song that drove Basso to madness, but just as he was going to kill Tenor by taking him by the heels and swinging his head against the lamp post the boots were found behind the wood box. Then there was great rejoicing by all; the lady and Tenor made up and were happy ever after. Great applause, curtain calls, “I tank-a you’s” by the hero, heroine and also-rans—and then the claw hammers went out to see a man during the intermission.

—W. C. Allen in the Dakota Farmer.

A Condensed Broadcasting Schedule.

As a result of our efforts to give the readers of Radio Broadcasting News the best service possible in keeping informed of the activities of the broadcasting stations we list on page 10 of this issue a condensed schedule of stations in all parts of the country with their time of operation and a symbol indicating the nature of the program broadcasted.

We realize that not all of the broadcasting stations in this country are given in this schedule, but we believe you will find most of the important ones are included. This schedule is condensed, so that it may be clipped and carried in the pocket, or pasted on a card for future reference.

If you find that the most important station in your district has not been included please drop us a card and we shall add it to the schedule.
Sunday Programs

Sunday, March 25, 1923

KDKA—360 Meters, Westinghouse Electric
East Pittsburgh, Pa.

10:45 A. M. Services of the Calvary Episcopal Church, Pittsburgh, Pa., Rev. E. J. Van Etten, Rector.

2:30 P. M. Bible Story for the Children—"The Children's Hosanna" by Rev. W. A. Logan, Pastor of the Alpha Lutheran Church, Turtle Creek, Pa.

2:45 P. M. Organ Recital from Calvary Episcopal Church, by Harry Austin, organist, assisted by Chester L. Knauss, baritone.


4:00 P. M. Organ Recital by Dr. Charles Heinroth from the Carnegie Music Hall. Dr. Heinroth is organist and musical director of Carnegie Institute, Pittsburgh, Pa.

4:45 P. M. Vesper Services of the Shadyside Presbyterian Church, Pittsburgh, Pa., Rev. Hugh Thomson Kerr, Pastor.

7:45 P. M. Services of the Emory Methodist Episcopal Church, Pittsburgh, Pa., Rev. W. Wofford T. Duncan, Minister.

WZP—360 Meters, Radio Corporation-Westinghouse
Newark, N. J.

10:30 A. M. Musical program.

11:00 A. M. Morning services at St. Thomas' Church, Fifth Avenue, New York City, sermon by the Rev. Ernest M. Stires, D.D., Rector. Mr. T. Tertius Noble, M.A., Organist, will direct the boys' and men's choir of 60 voices.

3:00 P. M. Radio Chapel Services by the Rutherford Methodist Church, Rev. Frederick C. Mooney, D.D., officiating. Program by the church choir. Fred B. Hunt, organist, and director.


4:00 P. M. "What Does the Minister Do?" by Rev. Geo. S. Miller, Orange, N. J.

4:15 P. M. Concert by Isabel Small, soprano, New Rochelle, N. Y.


7:00 P. M. "Coming events cast their shadows before, what present world shadows augur," a fifteen minute analysis and interpretation by the New York Times Annalist.

March 21, 1928

7:15 P. M. Estey Organ Recital from the Estey Auditorium, New York City.


8:00 P. M. Program by Louis Mann, actor-comedian.

8:15 P. M. Concert by Ruth Chase, soprano, has had a very successful experience both as a concert and moving picture artist. She has appeared in every large city throughout the country, and in the most popular theaters of New York.

8:45 P. M. Concert by the Waldorf-Astoria Symphonic Orchestra, Joseph Knecht, conductor.

9:55 P. M. Arlington time signals, weather forecast.

10:01 P. M. Concert by Chas. A. Lench, tenor, of New York City.

KYW—400 Meters, Westinghouse, Chicago, Illinois

Central Standard Time

11:00 A. M. Central Church Services broadcast from Orchestra Hall. Dr. Frederick F. Shannon, Pastor. Musical Program under the direction of Mr. Daniel Protheroe.

3:30 P. M. Studio Chapel Services to be broadcast from Westinghouse Station KYW at 3:30 P. M., will be conducted by Mr. Edward L. Selonke, of the International Bible Students Association. A special musical program will be arranged.

7:00 P. M. Chicago Sunday Evening Club Services broadcast from Orchestra Hall, Chicago. Special Musical Program will be given by the choir of one hundred under the direction of Edgar Nelson. The speaker for that evening will be Mr. Fred B. Smith, of New York City.

WGY—General Electric Company, Schenectady, N. Y.

10:30 A. M. Morning Service of the Westminster Presbyterian Church, Albany, N. Y.


4:30 P. M. Vesper Service.

Prelude, "Chapel Bell," Flagler. Mrs. Charles Irving. Anthem, "Spring is Blooming in My Heart," Selected Choir of Stanford Methodist Church; Mrs. Beatrice Peck, soprano; Mrs. Alice Welome, soprano; Mrs. Ada Hancock, soprano; Mrs. Clarke Stevens, contralto; Mrs. John Van Dorn, contralto; Mr. Albert Hoegen, tenor; Mr. George Pardee, tenor; Mr. Richard Giffith, tenor; Mr. George Peck, bass; Sermonette to the children. "A Bird's Palm Sunday," Sermon, "The Spirituality and Universality of Christ's Enr.," Rev. Foster Taylor, Stanford Methodist Church; Supranolo solo. "The Palms," Faure. Mrs. Beatrice Peck; Post. "Melody at Twilight," Atherton, Mrs. Charles Irving.

7:45 P. M. Service of Westminster Presbyterian Church, Albany, N. Y.

Monday, March 26, 1923


10:00 A.M. Music.
5:30 P.M. “Holy Week” service at the Shadyside Presbyterian Church, Pittsburgh, Pa. Sermon by Rev. Hugh Thomson Kerr on “How Shall We Think About God”; special music by Chauncey Parsons, tenor soloist.
6:15 P.M. Dinner Concert by the KDKA Little Symphony Orchestra, under the direction of Victor Saudek.
7:00 P.M. Current Events. Special Music.
7:30 P.M. “Men’s Evening” conducted by the J. G. Bennett Company, Pittsburgh, Pa.
7:45 P.M. The Visit to the Little Folks by the Dreamtime Lady.
8:00 P.M. Features of particular interest to men.
8:30 P.M. Concert by the KDKA Little Symphony Orchestra under the direction of Victor Saudek; Marion M. Walker, contralto; A. Clifford Davies, baritone; Alice Kirk, accompanist.


WJZ—360 Meters, Radio Corporation-Westinghouse, Newark, N. J.

9:00 A.M. Early morning reports and prices on farm products.
11:55 A.M. Standard time signals, and weather forecast.
12:00 P.M. Opening prices on active bonds and stocks, grain, coffee and sugar; midday reports and prices on farm products; musical program.
1:30 P.M. Concert by Ada Mountford, soprano.
4:00 P.M. Closing prices on stocks and bonds, grain, coffee and sugar.
4:05 P.M. “Fashions” from Women’s Wear Daily Newspaper.
5:30 P.M. Farm Market Reports.
6:00 P.M. Business and Industrial Conditions in the United States as observed by the National Industrial Conference Board.
7:00 P.M. “Bedtime Stories” by Thornton Burgess.
7:15 P.M. Stories from St. Nicholas Magazine.
8:30 P.M. “University of the Air”; “How to sell more Goods”, by R. J. Comyns, Lecturer on Salesmanship at New York University and Asst. Director of Sales at the Alexander Hamilton Institute, courtesy Alexander Hamilton Institute.
8:45 P.M. “Don’t Worry” by Dr. Thomas W. Davidson, pastor of the Historic Reformed Church on the Heights, Brooklyn, N. Y.

Mention Radio Broadcasting News when writing to Advertisers

Monday Programs

Radio Catalogue FREE


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Mr. Davidson who is a very prominent lecturer, is a native of the Emerald Isle and was educated in the Methodist College of Belfast, Ireland. He held several very important pastorates in Ireland before coming to America.

9:00 P.M. Concert under the direction of Charles D. Isaacson of the New York Evening Mail. Opera Recital of Bizet’s "Carmen". Narrative of the action, scenery, character, etc., by Charles D. Isaacson, chairman. Musical settings and accompaniments played by Rita Maginot. Characters are as follows: "Car- men," Grace Dieue; "Micaela," Marguerite Waine; "Don Jose," Alfonso Romero; "Escamillo," Pietro Sopiano. The play is in four acts: First act, a street in Seville; second act, the Inn of Lillas Pastias; third act, a Mountain Pass; fourth act, outside the arena of the bull fight.

9:55 P.M. Arlington time signals, weather forecast.

10:01 P.M. Concert by Clare Scheurer, contralto, of New York City.

KYW—400 Meters, Westinghouse, Chicago, Illinois

Central Standard Time

9:25 A.M. Opening Market Quotations, Chicago Board of Trade.

10:00 A.M. Market Quotations. Chicago Board of Trade. Quotations, every half hour thereafter until 1:00 P.M.

11:30 A.M. Table Talk, domestic science discussion by Mrs. Anna J. Peterson of the Peoples Gas Company.

1:20 P.M. Closing Market Quotations, Chicago Board of Trade.

2:15 P.M. News and Market Reports.

2:30 P.M. Closing Quotations, Chicago Stock Exchange.

3:00 P.M. News and Sports.

4:00 P.M. News and Sports.

4:15 P.M. News, Market and Stock Reports.

4:30 P.M. News and Sports.


6:50 P.M. Children’s Bedtime Story.

SILENT NIGHT

News, Sports, and Children’s Bedtime Story furnished by the Chicago Evening American.

WGY—General Electric Company, Schenectady, N. Y.

12:00 M. U. S. Naval Observatory time signals.

12:30 P.M. Noon stock market quotations.

12:45 P.M. Weather report on 485 meters.

2:00 P.M. Music and fashion talk.

6:00 P.M. Produce and stock market report and quotations; news bulletins.

7:45 P.M. Musical program.


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Lom to Ballyhoo," Speaks, Mr. Pierce; Piano solo, "Har- mony Blues," Starns, Raymond Halse; Readings, (a) "Sale of the Bachelors," Wilson, (b) "Pretty Red Head Wine," Lane, Mr. Larkin; Waltz, "Mother’s Love," Pelton, Or- chestra; Baritone solo, "Your Eyes," Paine, Mr. Pierce; Grand Finale, "Popular Medley," Graves, King Jazz and his Orchestra.

KQV—360 Meters, Donohedy-Hill Electric Company

Pittsburgh, Pa.

10:00 P.M. Program by Minard Lozier, tenor and Fred E. Webber, baritone, both members of the quartet choir of the Second Presbyterian church, Wilkinsburg. Assisting the two singers will be Miss Elizabeth Coles, violinist. Miss Coles is a prominent member of the Carnegie Tech Symphony Orchestra and pupil of Karl Marcherek, Pittsburgh. Mr. David Lewis, organist and director of Second Presbyterian church, Wilkinsburg, will be at the piano.

Tuesday, March 27, 1923

5:30 P. M. "Holy Week" service at the Shadyside Presbyterian Church, Pittsburgh, Pa. Rev. Hugh Thomson Kerr, Minister. The theme for this service is "Why We Believe in the Deity of Christ." Special music by Mrs. Rose Leader Chislett, contralto soloist.
6:15 P. M. Organ Recital from the Cameo Motion Picture Theatre, Pittsburgh, Pa., Howard R. Webb, organist, at "The Giant Wurlitzer".
7:30 P. M. "Fashion Talk" by Elinor Barton of the Joseph Horne Company, Pittsburgh, Pa.
"Home Furnishing Hints" by Harriet Webster, of the Joseph Horne Company.
7:45 P. M. The Visit to the Little Folks by the Dreamtime Lady.
8:00 P. M. "Etiquette" by Mrs. Chester B. Story.
"Making and Keeping the Skin Beautiful"—a talk to girls by Lady Anne Clapper of the Lady Anne Beauty Parlor, Pittsburgh, Pa.
8:30 P. M. Concert by the Maurice Novelty Orchestra; Howard Thompson and Ralph Cortazzo, comedians.

WJZ—360 Meters, Radio Corporation-Westinghouse, Newark, N. J.
12:00 M. Opening prices on active bonds and stocks, grain, coffee and sugar; midday reports and prices on farm products; musical program.
1:15 P. M. Concert by Ethel Aaron, soprano, of Brooklyn, N. Y.
1:30 P. M. Joint Recital by Miss Sonia Essin, contralto, and Ethel Aaron, soprano, with Mabe Murphy, accompanist; pupils of Giulio Silva of the David Mannes Music School.
4:05 P. M. "Fashions" from Women's Wear Daily Newspaper.
5:30 P. M. "The Music Lover," a weekly digest of musical happenings by Dr. Sigmund Spaeth, illustrated with Ampico recordings.
7:00 P. M. An adventure with "Polly Trotter, Patriot," read by the author, Dr. A. A. Knipe. Courtesy the Macmillan Company.
7:30 P. M. Dance music by the Vincent Lopez "Red Cap" Orchestra direct from the Hotel Pennsylvania Grill.
8:30 P. M. Symphonic Orchestra Concert by the American Orchestral Society under the conductorship of Chalmers Clifton.
This concert will be given under the auspices of the People's Institute at Cooper Union, related to WJZ, Newark at a special Western Union wire. Program: Overture, "Leonora." Beethoven; Prelude and Love death from "Tristan and Isolde." Wagner; "Concerto for Piano and Orchestra in B minor." Macowell, the soloist for this number will be Helen Secord. "Expansions." Chabrier.
10:01 P. M. Continuation of program by the American Orchestral Society.

KYW—400 Meters, Westinghouse, Chicago, Illinois
Central Standard Time
9:25 A. M. Opening Market Quotations, Chicago Board of Trade.
10:00 A. M. Market Quotations, Chicago Board of Trade. Quotations every half hour thereafter until 1:00 P. M.
11:30 A. M. Table Talk, domestic science discussion by Mrs. Anna J. Peterson of the Peoples Gas Company.
1:20 P. M. Closing Market Quotations, Chicago Board of Trade.
2:15 P. M. News and Market Reports.
2:30 P. M. Closing Quotations, Chicago Stock Exchange.
3:00 P. M. News and Sports.
3:30 P. M. News and Sports.
4:00 P. M. News and Sports.
4:15 P. M. News, Market, and Stock Reports.
4:30 P. M. News and Sports.
5:00 P. M. News and Sports.
6:50 P. M. Children's Bedtime Story.
8:00-9:00 P. M. Musical Program Courtesy of Lyon & Healy Concert and Artist Department and Isham Jones and his Orchestra at College Inn, Hotel Sherman, Chicago. Complete program will be announced by Radiophone.
9:05 P. M. Special features as announced by Radiophone.
News, Sports and Children's Bedtime Story furnished by the Chicago Evening American.

WGY—General Electric Company, Schenectady, N. Y.
12:00 M. U. S. Naval Observatory time signals.
12:30 P. M. Noon stock market quotations.
12:45 P. M. Weather report on 455 meters.
2:00 P. M. Music and Household talk.
6:00 P. M. Produce and stock market quotations; news bulletins.
7:40 P. M. Conservation Week address by Alexander MacDonald, New York State Conservation Commission.
10:00 P. M. Musical program.
Piano solo, "I Heard You Go By." Wood.
"Ma Little Bungalow." Dichter, Beirce, Zoller, John M. Zavack, accompanist; Tenor solo, "Rose of My Heart."
Lohr, Leo McKenna, Paula E. Smith, accompanist; Violin solo, "Forsaken." Koschak-Winterzeit, Elizabeth Kelly, Katherine Kelly, accompanist; Concerto solos, (a) "In the Glowing," Wilson, Beirce, Zoller, soprano, Zoller, soprano, Zoller, soprano, Zoller, soprano; (b) "Dance to Me Only with Thine Eyes." Eng.
Lohr, Lorena A. Kehoe; Piano solo, "Shepherd Play a Little Air." Stickles, Beirce, Zoller; Violin solo, "L’escapelette;" Barnes, Elizabeth Kelly; Tenor solo, by Leo McKenna; Concerto solos, (a) "Dana," McGill, (b) "For You," Montag, Lorena A. Kehoe; Piano solo, "Rondo Capriccioso;" Mendelsohn, Paula E. Smith.

Tuesday Programs

Mention Radio Broadcasting News when writing to Advertisers
Wednesday, March 28, 1923


10:00 A.M. Music.
5:30 P.M. "Holy Week" service at the Shadyside Presbyterian Church, Pittsburgh, Pa. Sermon by Rev. Hugh Thomson Kerr on "What Happens When We Pray". Special music by George Wahl, bass soloist.
6:15 P.M. Dinner Concert by the KDKA Little Symphony Orchestra, under the direction of Victor Saudek.
7:00 P.M. Current Events. Theatricals.
7:45 P.M. The Visit to the Little Folks by the Dreamtime Lady.
8:00 P.M. "Protect your Eyesight" by Dr. A. Goldstein, of the Pitt Optical Company.
8:30 P.M. Concert by the KDKA Little Symphony Orchestra under the direction of Victor Saudek.

Program: Overture "Magic Flute," Mozart; "Minuet," Gregy; "Largo" Handel; "Gavotte XIII." This program will be interspersed with Popular Melodies. This being the anniversary of the old master, Haydn, the "Finale" from the "Farewell Symphony," will be played by the orchestra. Soloists will furnish a group of songs by the "old masters."

WJZ—360 Meters, Radio Corporation-Westinghouse Newark, N. J.

9:00 A.M. Early morning reports and prices on farm products.
11:55 A.M. Standard time signals and weather forecast.
12:00 P.M. Opening prices on active bonds and stocks, grain, coffee and sugar; midday reports and prices on farm products; musical program.
4:00 P.M. Closing prices on bonds and stocks, grain, coffee and sugar.
4:05 P.M. "Fashions" from Women's Wear Daily Newspaper.
5:30 P.M. Farm Market reports.
5:35 P.M. Musical program; special features; "Iron and Steel Review" by the Iron Age.
6:00 P.M. Musical program.
7:00 P.M. "Animal Bedtime Stories" by Florence Smith Vincent.
9:00 P.M. "Foods for Health and Pleasure"; "Easter Food Fashions" by Anne Lewis Pierce, Director of the New York Tribune Institute.
9:15 P.M. Joint Recital by Lillian Beaty, lyric soprano and Mary Bennett, contralto.
9:55-10:00 P.M. Arlington time signals, weather forecast.
10:01 P.M. Joint Recital by Lillian Beaty, lyric soprano and Mary Bennett, contralto.

KYW—400 Meters, Westinghouse, Chicago, Illinois

Central Standard Time

9:25 A.M. Opening Market Quotations, Chicago Board of Trade.
10:00 A.M. Market Quotations, Chicago Board of Trade. Quotations every half hour thereafter until 1:00 P.M.
11:30 A.M. Table Talk. Domestic Science discussion by Mrs. Anna J. Peterson of the Peoples Gas Company.
1:00-2:00 P.M. Talks given by speakers of International and National repute, at the Chicago Association of Commerce Luncheon, broadcast from the LaSalle Hotel.
2:30 P.M. Closing Quotations, Chicago Stock Exchange.
3:00 P.M. News and Sports.
4:00 P.M. News and Sports.
4:15 P.M. News, Market and Stock Reports.
4:30 P.M. News and Sports.
5:00 P.M. News and Sports.
6:00-9:00 P.M. Musical Program. Mrs. Cecile Stevenson, soprano; Helen Shanahan, reader; Catherine Emerson Manz, soprano; Joseph Anderson, accompanist; Alice Sheehan, violinist; Dorothy Schenk, pianist. Isham Jones and His Orchestra at College Inn, Hotel Sherman.

Program: (a) "The Springtime of Love," Moszkowski. (b) "Farewell," Johnson, Catherine Emerson Manz. (c) "My Buddy," (b) "Aggravatin' Papa," Alice Sheehan; Soprano solo; Selected, Mrs. Cecile Stevenson; (a) "The House By The Side Of The Road," Foss. (b) "After Dinner Anodyne," Cooke, Helen Shanahan; Popular Piano Selection, Dorothy Schenk; Popular Dance Selections, Isham Jones and his Orchestra; (a) "Do Not Go My Love," Hageman. (b) "A Spring Morning," Manz, Catherine Emerson Manz; (a) "Lovin' Sam," (b) "Carolina In The Morning," A. Sheehan; (a) "Isle On The Side," Field, (b) "Knowing The Boy," (Guest, Helen Shanahan.

9:05 P.M. Special Features as announced by Radiophone.

News, Sports, and Children's Bedtime Story furnished by the Chicago, Evening American.

WGY—General Electric Company, Schenectady, N. Y.

12:00 M. Time signals.
12:30 P.M. Stock market quotations.
12:45 P.M. Weather report on 485 meters.
6:00 P.M. Produce and stock market quotations, news bulletins.


10:00 P.M. Program of Ballads and Light orchestra Numbers. The program will be an Orchestral one with the assisting artist, Mrs. Frank Boli, soprano, of Pittsburgh, whose recent appearance from station KQV brought forth many complimentary reports.
March 24, 1923

Thursday Programs

Thursday, March 29, 1923

KDKA—360 Meters, Westinghouse Electric,
East Pittsburgh, Pa.

10:00 A.M. Music.
12:30 P.M. Lenten Services of Trinity Episcopal
Church, Pittsburgh, Pa. Weather Forecast. Report
of River Conditions.
5:30 P.M. "Holy Week" service of the Shadyside
Presbyterian Church, Pittsburgh, Pa. Sermon on
"How Can Sins Be Forgiven". Special music by
Clara Huhn, soprano.
6:15 P.M. Organ Recital from the Cameo Motion
Picture Theater, Pittsburgh, Pa. Howard R.
7:00 P.M. Current Events. Theatricals.
7:30 P.M. Program of Special Interest to the
Farmers, prepared by the National Stockman and
Farmer.
7:45 P.M. The Visit to the Little Folks by the
Dreamtime Lady.
8:00 P.M. Farm Features, continued.
8:30 P.M. Concert by Bethal Hissom, piano; Oscar
Peterson, tenor; Darrell R. May, cornet; and Vic-
tor Reiber, violin.

Program: Tenor solos, selected. Cornet solos, "One Fleet-
ing Hour." "Only a Year Ago." "The Palms." (all with
Pathetique." Godard. Piano solos, "La Filleuse." Raff:

WJZ—360 Meters, Radio Corporation-Westinghouse
Newark, N. J.

9:00 A.M. Early morning reports and prices on
farm products.
11:30 A.M. Standard time signals and weather for-
cast.
12:00 M. Opening prices on active bonds and
stocks, grain, coffee and sugar; midday reports
and prices on farm products; musical program.
1:15 P.M. Concert by Mr. R. D. Wiener, tenor.
1:30 P.M. Concert by Evelyn A. Thomas, con-
tralto, of East Orange, N. J.
4:00 P.M. Closing prices on stocks, bonds, grain,
coffee and sugar.
4:05 P.M. "Fashions" from Women's Wear Daily
Newspaper.
5:30 P.M. Farm Market reports.
7:00 P.M. "Jack Rabbit Stories" by David Cory.
New York Evening Mail.
8:30 P.M. A "Radio Shower Party" will be held
under the auspices of the Radio News, New York.

You are invited to listen in and compete for one of the 750
prizes valued at $500. All you have to do is to listen in
and send in your answer to either one or both of the fol-
lowing groups of questions.--

Group 1.—Broadcast Listeners' Questions. "What interests
you most in Radio?" "What is your pet radio aversion?"
"What actual benefits do you derive from your set outside
of pleasure?" "What 3 rules should every radiophone
owner observe?" "Why must a vacuum tube be evacu-
atated?"

Group 2.—Amateurs' Technical Questions.—"What is stat-
ing?" "What is a carrier wave?" "What advantage has a
single circuit tuner over a two circuit one?" "What ad-

dvantage has a two circuit tuner over a single circuit one?"
"What is happening when during receiving the detector
tube starts to oscillate?"

www.americanradiohistory.com
The questions must be answered in the order in which they will be broadcast, not in the order given above. Moreover, the time announced at the close of the Radio Shower Party must be stated in the written reply. For full details listen to WJZ at 8:30 P.M. One special prize will be awarded for the farthest reply.

The remaining 699 will be distributed to the winners in the United States, Canada, Mexico, Cuba, Panama Canal Zone, South America, England, France, Spain, and Mediterranean Cities and other places not named, including ships on the high seas.

9:30 P.M. Ampico Series of Distinguished Artists' Concerts, courtesy Wm. Knabe & Company. The artists for this evening are Maryan Corryell, pianist and Princess Watahwaso, Indian mezzo-soprano.
9:55-10:00 P.M. Arlington time signals, weather forecast.
10:01 P.M. Continuation of program by the Ampico Artists.

KFWY—400 Meters, Westinghouse, Chicago, Illinois
Central Standard Time

9:25 A. M. Opening Market Quotations, Chicago Board of Trade.
10:00 A. M. Market Quotations, Chicago Board of Trade. Quotations every half hour thereafter until 1:00 P.M.
11:30 A. M. Table Talk, Domestic Science discussion by Mrs. Anna J. Peterson of the Peoples Gas Company.
1:20 P.M. Closing Market Quotations, Chicago Board of Trade.
2:15 P.M. News and Market Reports.
2:30 P.M. Closing Quotations, Chicago Stock Exchange.
3:30 P.M. News and Sports.
4:00 P.M. News and Sports.
4:30 P.M. News and Sports.
5:00 P.M. News and Sports.
6:50 P.M. Children's Bedtime Stories.
8:00 to 9:00 P.M. Musical Program.

Hazel Moore, soprano; Carl Craven, tenor; Luella Cook Canterbury, reader; Mort Bosley, tenor; Isham Jones and his Orchestra, College Inn, Hotel Sherman, Chicago. Betty Dee Carpenter, accompanist; Esther Remington, pianist; Elmer Barr, pianist.

(a) "The Sea," MacDowell
(b) "The Robin Sings in the Apple Tree," MacDowell, Hazel Moore;
(c) "The Mustard Platter," Fielding;
(d) "Roads," Joyce-Kilmer, Luella Cook Canterbury;
(e) "Faith In Spring," Schubert;
(f) Serenade from "Le Roi D'Ys," Lalo;
(g) "Dedication," Strauss;
(h) "Witches Dance," MacDowell;
(i) "The World Is Waiting For The Sunrise," Seitz, Esther Remington;
(j) "Choo Choo Blues," Bosley, Santry & Barr;
(k) "Don't Sing Me the Blues Tear," (It's Too Late Now) Westfall, Bosley & Barr;
(l) Dance Selections, Isham Jones and his Orchestra;
(m) "Miner & Major," P. Spross;
(n) "Rain," Carran, Hazel Moore;
(o) "Between Two Loves," Daly;
(p) "The American Girl," Daly;
(q) "The Crookster," P. Osse, Luella Cook Canterbury;
(r) "Serenade," Teageli;
(s) "Love Has Eyes," Hilltop;
(t) "Call Me Back To You," Bentley, Carl Craven;
(u) "Ending Op. 5, No. 10," Chopin;
(v) "Kitten On The Keys," Courfey, Esther Remington.


WGY—General Electric Company, Schenectady, N. Y.
12:00 M. Time signals.
12:30 P.M. Stock quotations.
12:45 P.M. Weather forecast.
2:00 P.M. Music and talk—"How to Build Milk into the Diet," by Miss Jessie G. Cole, Nutritionist, New York State Department of Health.

5:00 P.M. Produce and stock market quotations; news bulletins.

7:45 P.M. Radio drama "Ready Money," Montgomery. The Cast—Stephen Baird, Owner of the Sky Rocket Mine, Edward H. Smith; William Stewart, owner of the Garden Estates Co., Burton Anthony; Sydney Rosenthal, of the Equality Insurance Co., Frank Oliver; Sam Welch, a millionaire's son, Edward E. St. Louis; Sumner Holbrook, a broker. Cortland Hopkins; John H. Tyler, a retired business man. J. T. Hill; Jackson Ives, an International character. Robert Hill; Miss Grace Tyler, Viola Karwojak; Miss Ida Tyler, Margaret V. Smith; Mrs. John Tyler, Betty Langdon; Miss Margaret Elliott, Marietta LeTarte.


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Mention Radio Broadcasting News when writing to Advertisers
Friday, March 30, 1923


10:00 A. M. Music.

WJZ—360 Meters, Radio Corporation-Westinghouse, Newark, N. J.

9:00 A. M. Early morning reports and prices on farm products.
11:55 A. M. Standard time signals, weather forecast.
12:00 M. Opening prices on active bonds and stocks, grain, coffee and sugar; midday reports and prices on farm products, musical program.
1:30 P. M. Concert by Marion W. Ross, soprano.
3:00 P. M. World Wide famous artists who gave recitals in the Steinway Hall, New York City, can be heard hereafter by the radio audience as WJZ the Radio Corporation-Westinghouse Station at Newark, N. J. has been invited by the Steinway Piano Company to place their microphones in the Steinway Hall.
4:00 P. M. Closing prices on stocks and bonds, grain, coffee and sugar.
4:05 P. M. “Fashions” from Women’s Wear Daily Newspapers.
5:30 P. M. “Foreign and Domestic Commerce Report” issued by the United States Department of Commerce.
5:40 P. M. “A Story from the Youth’s Companion”; The Swordsman of the Deep”, Harold F. Leslie tells of Ted Cameron’s remarkable adventure with an enraged swordfish.

Friday Programs

5:30 P. M. “The Other Two Crosses” a Bible Story for the Children told by Rev. W. A. Logan, Pastor of the Alpha Lutheran Church, Turtle Creek, Pa.
3:00 P. M. Special “Good Friday” service of the Point Breeze Presbyterian Church, Rev. Percival H. Barker in the pulpit. Special Music by Ida Mae Cludy, contralto.
5:30 P. M. “Holy Week” service of the Shadyside Presbyterian Church, Pittsburgh, Pa. Sermon on “Why we Glory in the Cross of Christ” by Rev. Hugh Thomson Kerr, Pastor. Special music by the Quartette, composed of Clara Huhn, soprano; Rose Leader Chislett, contralto; Chauncey Parsons, tenor; and George Wahl, bass.
6:15 P. M. Dinner Concert by a quintet from the KDKA Little Symphony Orchestra, under the direction of Victor Sauder.
7:00 P. M. Current Events. Theatricals.
8:15 P. M. The Visit to the Little Folks by the Dreamtime Lady.
8:10 P. M. A review of “The Servant in the House” by Marjory Stewart.
8:30 P. M. Concert by the quintet of the KDKA Little Symphony Orchestra; and the oratorio “Stabat Mater” (The Weeping Mother) Rossini, will be given by the Choir Ensemble Society of the First Presbyterian Church, Wilkinsburg under the direction of Lyman Almy Perkins, as a special concert for the evening of “Good Friday”.


7:00 P. M. Conditions of Leading Industries by the Magazine of Wall St.
8:30 P. M. Dance music by the Vincent Lopez “Red Cap” Orchestra direct from the Hotel Pennsylvania Grill.
8:30 P. M. Literary talk by the Outlook.
8:45 P. M. Concert by Anthony Fishe, a young opera tenor of great promise.

He is at present pursuing a course of study preparatory to his appearance in grand opera and concerts next season. Program: “Recondita Armonia,” Puccini; “Until,” Sanderson.
9:00 P. M. Literary talk by Harper Bros.
9:15 P. M. Continuation of program by Anthony Fishe.

9:30 P. M. Literary hour by the Scientific American.
9:45 P. M. Program continued by Anthony Fishe. “Good Sent You to Me,” Thompson; “Mother Machree,” Ball.
9:55 P. M. Arlington time signals, weather forecast.
10:01 P. M. “Jimmy Shearer, the young composer, will sing several of his latest compositions, assisted by Freddy Sleekman and orchestra. Mr. Shearer will first sing the song and then the orchestra will play the same song as it is played for dancing”.

Mention Radio Broadcasting News when writing to Advertisers
KYW—400 Meters, Westinghouse, Chicago, Illinois

Central Standard Time

10:00 A.M. Market Quotations, Chicago Board of Trade. Quotations, every half hour thereafter until 1:00 P. M.

11:30 A.M. Table Talk, domestic science discussion by Mrs. Anna J. Peterson of the Peoples Gas Company.

2:15 P.M. News and Market Reports.

6:50 P.M. Children's Bedtime Story.

8:00 to 9:00 Musical Program, Anna Lukesova, soprano; Mrs. James F. Payne, accompanist; James F. Payne, baritone; William Tracey, tenor; Charles Smith, pianist. Isham Jones and his orchestra at College Inn, Hotel Sherman, Chicago.

Program: (a) "Girlie, Girlie," Novotny. (b) "Let the Sun Set," Novotny, Anna Lukesova; (a) "A Dream Of Your Smile," (b) "The Trail To Long Ago," James F. Payne; "Sweetheart Yell," Smith, Charles Smith & William Tracey; (a) "Vain Counsel," (b) "My Dear Mother," Kovarovic, Anna Lukesova; Popular Dance Selections, Isham Jones and his Orchestra; (a) "Lonesome That's All," (b) "That's How I Believe In You," James F. Payne.

9:00 P.M. News, Sports and weather report.

9:05 P.M. Review of the latest books by Llewellyn Jones, literary editor of the Chicago Evening Post.

10:00 P.M. to 1:00 A.M. Chicago American-Westinghouse Midnight Show.

News, Sports and Children's bedtime story furnished by the Chicago Evening American.

WGY—General Electric Company, Schenectady, N. Y.

12:00 M. U. S. Naval Observatory time signals.

13:30 P.M. Noon stock market quotations.

12:45 P.M. Weather forecast on 485 meters.

2:00 P.M. Music and address "What Women Should Know About the Law" Mrs. Edward P. Pressey.

6:00 P.M. Produce and stock market quotations; news bulletins.

6:30 P.M. Talk to children by Kolin Hager.

7:40 P.M. Health talk, "Exervines in Exercise" by Daniel Chase, State Supervisor of Physical Education.

7:45 P.M. Program furnished by Pittsfield G. E. Works.

Regimental Band March, Siveley, Dunbar's Orchestra; Piano solo, "Value Arbiquest," Lack, Jacob Brosman; Tenor solo, "I Hear You Calling Me." Marshall, David La Flash; Fox Trot; "Mammy Land," Lane, Orchestra; Pallophonophone address, "The Future of the Pallophonophone," David Sarnoff, vice-president and general manager of Radio Corporation of America Fox Trot; "Eleanor," Fox, Orchestra; Male Quartet Selection; "Dream Song," Bullard, Owl Quartet; Waltz, "Value Lucille," Davis, Orchestra; Address, "Personal Experiences with the Prone Pressure Method of Resuscitation," S. W. Ashe; Male Quartet selection, "Old Uncle Moon," Scott, Owl Quartet; Fox Trot; "Martha," Jenkins, Orchestra; Fox Trot; "Tomorrow Morning," Morris, Orchestra; Tenor solo, "Smile Through Your Tears," Hamblen, David La Flash; Piano solo, "Salut a Pei," Kowalski; Jacob Brosman; Waltz, "Moon River," Foster, Dunbar's Orchestra; Pallophonophone address, "Wireless Communication," General Harbord, President of Radio Corporation of America; Serenade selection, Victor, Dunbar's Orchestra.

10:30 P.M. Musical Program:


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Ge General Electric Company
Merchandise Department, Bridgeport, Connecticut

www.americanradiohistory.com
March 21, 1923


KQV—360 Meters, Doubleday-Hill Electric Company
Pittsburgh, Pa.

10:00 P.M. Program suited to Good Friday and Easter by a mixed quartet consisting of Margaret Buckey, soprano; Mary Ablett Brennen, contralto; William Brennen, tenor; George Davis, baritone. Mrs. Brennen and Mr. Davis are members of the quartet choir of the Knoxville Baptist church, Pittsburgh, Pa. Mrs. Mary Phillips Menow, organist of the Knoxville Baptist church will be at the piano for the entire program.

As Preface and Good Friday feature of this Program the "Good Friday Spell," from the opera "Parsifal," by Wagner, will be presented, for organ and piano, as the first number of the evenings program.

Program: "Ride On!" by John Prindle Scott; "Easter Even," Hymn, for quartet, by Redhead; "Magdalene," by Warren, Quartet; "An Angel Roll the Rock Away," Armuthia, by Roper, for Quartet; Easter tide, "Jesus Christ is Risen Today," by Lyra Daviddae, for Quartet; Baritone solo, "Holanna," by Stainer; "Unfold Ye Portals," by Gounod, for Quartet; Easter tide, "Fill the Font," by Warren, for Quartet; Soprano solo, "I Know That My Redeemer Liveth," from The Messiah, by Handel; "Hark, Hark, My Soul," by Shelley, for Quartet.

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A. C. Hayden Radio & Research Co.
BROCKTON, MASS., U. S. A.

Saturday, March 31, 1923


10:00 A.M. Music.


3:00 P.M. Popular Concert by Gibson's Collegians—a six-piece society orchestra in a program of popular music.

6:00 P.M. Organ Recital from the Cameo Motion Picture Theater, Pittsburgh, Pa. Howard R. Weeb, organist, at The Giants "Hitler".

7:00 P.M. Current Events, "Under the Evening Lamp," conducted by the Youth's Companion.


7:45 P.M. The Visit to the Little Folks by the Dreamtime Lady.

8:00 P.M. Drama to be presented by the School of Drama, Carnegie Institute, Pittsburgh, Pa.

8:30 P.M. Concert by Patti Rude Rulidge, contralto; Mrs. Robert E. King, soprano; Bertram S. Webber, and Richard Kountz, accompanists; Francis Cooper, piano; Marie Kleye, violin.


WJZ—360 Meters, Radio Corporation-Westinghouse, Newark, N. J.

9:00 A.M. Early morning reports and prices on farm products.

11:55 A.M. Standard time signals, weather forecast.

12:00 M Opening prices on active bonds and stocks, grain, coffee and sugar; midday reports and prices on farm products, musical program.

1:30 P.M. Concert by Paul J. McGrane, popular pianist.

4:00 P.M. Closing prices on stocks, bonds, grain and sugar; special features.

5:35 P.M. Bradstreet's report on finance and business.

7:00 P.M. "Uncle Wiggily Stories," by Howard R. Garis, author.

8:30 P.M. "Fashions" by an editor of Harper's Bazar.

8:45 P.M. Concert by Muriel H. Wilson, a young lyric soprano well known to concert audiences of Brooklyn, New York and New Jersey.

She is a pupil of Wm. H. Rieger, tenor, who will be remembered as the "Oratorio King" of a few years ago. She is soloist for years at All Souls University Chor in Brooklyn, "Program of Performing," Lotte; "A. De Veirs," Gounod; "Jehn Angesicht," Schumann; "Last Rose of Summer," Old Irish; "Cry of Rachel," Salter; "Old Fashioned Town," Squire; "Night Wind," Fresley; "Evening Song," Blumenfeld, by Miss Wilson, and Milton J. Cross; "I Waited for the Lord," and "Garden of My Heart," by Mendelsohn, Mrs. Wm. H. Wilson will accompany Miss Wilson at the piano.

Mention Radio Broadcasting News when writing to Advertisers
9:00 P. M. "Japan and the U. S. Navy," by Mabel Washburn, National Historical Society, New York City.

9:15 P. M. Continuation of program by Miss Wilson.

9:30 P. M. "Current Topics," by the Institute for Public Service.

9:40 P. M. Concert by the Mars Male Quartette of Passaic, N. J. A. Travers, tenor soloist; North Reformed Church, S. A. Traver, tenor soloist; St. John's Episcopal Church, M. A. Travers, baritone soloist; St. John's Episcopal Church, Robert M. Howard, basso, soloist at North Reformed Church, director of musical education Passaic public schools. Wellington Earle Lee, pianist, artist student, Damrosch Institute of Musical Art.


10:01 P. M. Concert by an Ampico Artist.

10:30 P. M. Continuation of program by Mars Male Quartette.

KYW—400 Meters, Westinghouse, Chicago, Illinois Central Standard Time

9:25 A.M. Opening Market Quotations, Chicago Board of Trade.

10:00 A.M. Market Quotations, Chicago Board of Trade. Quotations every half hour thereafter until 1:00 P.M.

11:30 A.M. Table Talk, domestic science discussion by Mrs. Anna J. Peterson of the Peoples Gas Company.

1:20 P.M. Closing Market Quotations, Chicago Board of Trade.

2:30 P.M. Closing Quotations, Chicago Stock Exchange.

3:30 P.M. News and Sports.


6:30 P.M. Children's Bedtime Story.

8:00 to 9:00 P.M. Musical Program Bertha Caspers, soprano; Mrs. Theodore Miller, accompanist; Ethel Butler Farr, pianist; Venita Rich, reader; Isham Jones and his orchestra at College Inn, Hotel Sherman.

Program: (a) "Morning," Speaks, (b) "Who Knows," Stickle; Bertha Caspers: (a) "Nocturne, Op. 9, No. 2," Chopin, (b) "Scherino, Op. 26, (Vienna Carnival Theme)," Schumann; Hilda Butler Farr: (a) "The Dangereous Scene from The Sign of the Cross," Miller; (b) "The Banjo," Dunbar; Venita Rich: (a) "Life, Ronald;" (b) "Life & People," Brown; Bertka Casyers: Popular Dance Selections; Isham Jones and his Orchestra: (a) "Minuet," Mason; (b) "Moonlight Brook," Poldini; (c) "Country Garden," (By request). G.-i-a.-g., Ethel Butler Farr: (a) "A Hoop O' Livin," Guest; (b) "The Singing Scene," Anon. Venita Rich.

9:00 P.M. News, Sports and weather report.

9:05 P.M. "Under the Evening Lamp," an service including stories, articles, and humorous sketches. This service is furnished by the Youth's Companion.

News, Sports and Children's Bedtime Stories furnished by the Chicago Evening American.

WGY—376 Meters, General Electric Company

12:00 M. U. S. Naval Observatory time signals.

12:30 P. M. Noon stock market quotations.

12:45 P. M. Weather forecast on 485 meters.

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Mention Radio Broadcasting News when writing to Advertisers

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March 24, 1928
Sunday, April 1, 1923
10:45 A. M. Services of the Point Breeze Presbyterian Church, Pittsburgh, Pa. Rev. Percival H. Barker, Minister.
2:30 P. M. Bible Story for the Children by Rev. W. A. Logan, Pastor of Alpha Lutheran Church, Turtle Creek, Pa.
2:45 P. M. Sacred concert.
4:00 P. M. Organ Recital by Dr. Charles Heinroth, Organist and Director of Music of the Carnegie Institute, Pittsburgh, Pa., direct from the Carnegie Music Hall.
4:45 P. M. Vesper Services of the Shadyside Presbyterian Church, Pittsburgh, Pa., Rev. Hugh Thomson Kerr, Pastor.
7:30 P. M. Services of the Calvary Episcopal Church, Pittsburgh, Pa., Rev. E. J. Van Etten, Rector.

WJZ—360 Meters, Radio Corporation-Westinghouse, Newark, N. J.
10:30 A. M. Musical program.
11:00 A. M. Morning services from the West End Presbyterian Church, Amsterdam Avenue, and 105th St., New York, sermon by Rev. A. Edwin Keigwin, D.D. Sacred music selections by the Children’s mixed choir of 110 voices under the direction of Miss Maleva Harvey, organist, also by the mixed quartet; Willard Ward, baritone; Lotta Madden, soprano, Jane Crawford Eller, alto; and Easton Kent, tenor.
4:45 P. M. “Viking Land; or Yesteryear and Today in Scandinavia,” by Wirt W. Barnitz, World Traveler. Mr. Barnitz is lecturer for Travel Club of America, and special writer for World Traveler Magazine.
6:30 P. M. Readings and records from the “Bubble Books that Sing,” by Ralph Mayhew, Harper & Bros.
7:00 P. M. “Coming events cast their shadows before—what present world shadows augur,” an fifteen minute analysis and interpretation by the New York Times Annualist.
7:15 P. M. Estey Organ Recital direct from the Estey Auditorium, New York.
8:00 P. M. “Dreams Ahead,” by Miss Miriam Battista, the nine year old stage and screen star who has been seen in many of the finest plays and motion pictures, in “Humoresque.”
Little Miriam has been appearing in stage and screen productions since she was three years of age. You will remember her for her work with Norma Talmadge in “Smiling Thru,” and with George Arliss in “The Man Who Played God.” She is the youngest member of the company that made the highly successful “The Mustard Cup,” and has been seen in “The Man Who Played God,” and “Smiling Thru.” Miss Battista is a new star of the screen, and is expected to do much in the future.

8:15 P. M. Concert arranged by the Betty Tillett Concert Bureau.
8:45 P. M. Concert by the Waldorf-Astoria Symphonic Orchestra. Joseph Knecht, conductor.
9:55 to 10:00 P. M. Arlington time signals, weather forecast.
10:01 P. M. Concert by Miss Georgia MacMullen, Concert and Operatic soprano, who has appeared in concert in New York and other cities. Ralph Douglass, will accompany her at the piano.

KYW—400 Meters, Westinghouse, Chicago, Illinois Central Standard Time
11:00 A. M. Central Church Service from Orchestra Hall, Dr. Frederick F. Shannon, Pastor. Musical Program under the direction of Mr. John Protheroe.
2:00 P. M. Studio Chapel Service will be conducted by the Rev. M. L. Thomas, pastor of the Deerfield Presbyterian Church. A special musical program will be arranged.
3:30 P. M. Chapel Service will be conducted by the Rt. Rev. C. P. Anderson, D. D., Bishop of Chicago, head of the Episcopal Diocese. A special program of music will be arranged.
7:00 P. M. Chicago Sunday Evening Club Service from Orchestra Hall, Chicago. Special Musical program will be given by the choir of the Chicago Music of the Chicago Symphony Orchestra. The speaker will be President Robert Bruce Taylor, Queen's University, Kingston, Canada.
WEEK-DAY BROADCASTING SCHEDULE

- Entertainment, - Markets, - Music,
- Miscellaneous, - News, - Phonograph Records,
- Stocks, - Sports, - Stories, - Talks,
- Time Signals, - Weather.

m—Monday, t—Tuesday, w—Wednesday, th—Thursday, f—Friday, s—Saturday, *Except Sunday.

Time given is Eastern Standard.
For Central Time Zone add one hour.
For Mountain Time Zone add two hours.
For Pacific Time Zone add three hours.

MORNING SCHEDULE 9:00 A.M. TO 12:00 NOON

9:00—WJZ® WGI® 9:30—WWJ® 10:00—KDKA® WLAG®
9:05—WBS® WGI® WOR® 10:20—WLW® 10:25—WWJ®
10:45—WGR® WCAE® 11:00—KYW® WLG®
11:15—WFAA® WLW® 11:30—KYW® WLAG®
11:45—WGR® WBS® 12:00—WWJ®

WOR® WOO® WHE® WAP®

AFTERNOON SCHEDULE 12:00 NOON TO 6:00 P.M.

12:05—WAP® 12:15—KDKA® 12:30—WJZ®
12:45—WFAA® 1:00—KYW® WBL®
1:15—KBW® KDS® 1:30—WGR®
2:00—WGR® KDS® 2:15—WGR®
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12:00—WGR® WGR®

EVENING SCHEDULE 6:00 P.M. TO 12:45 A.M.

6:15—WGR® WGR® 6:30—KSW® WGR® WGR®
6:45—WGR® WGR® 7:00—WGR® KDS®
7:15—WGR® KDS® 7:30—WGR® KDS®
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These programs are effective March 24. Please deliver before that date if possible.

To Postmaster:

Compose the text to create a coherent narrative. The provided text contains a list of radio programs broadcast on different days of the week, along with their times and stations. It also includes time zone adjustments for the Central, Mountain, and Pacific Time Zones. The text is divided into morning, afternoon, and evening schedules, with specific programs and stations listed for each time slot. The document serves as a reference guide for radio listeners to understand the broadcasting schedule for entertainment, markets, music, news, stories, talks, time signals, and weather updates. The content is organized in a tabular format, with each day's schedule provided in a distinct section. The document is printed in U.S.A., and the footer includes the website www.americanradiohistory.com.