Vol. 2

DECEMBER 2, 1922

No. 27



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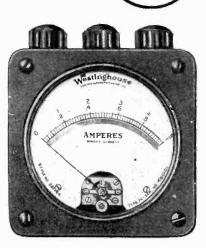
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RADIO BROÁDCASTING NEWS

Published Weekly to increase interest and enjoyment in Radio Broadcasting

Address all communications to

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

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Vol. 2

December 2, 1922

No. 27

Making an Effort To Help You.

THIS issue of RADIO BROADCASTING NEWS gives you a new arrangement of the programs, listing them by days, rather than by stations, as they have been given in the past. This change is being made because a number of our readers have requested it saying that it would be more serviceable to the average radio enthusiast. We are trying to make our little magazine of the utmost service to our readers and we shall be glad to know if this change meets your approval.

Note also that we have combined the daily schedules into one large schedule, and to this we expect to add new stations from time to time, so that you may see at a glance what may be expected at any time of the day.

Improvements in receiving sets and developments in transmission, have been so rapid that no longer is a listener restricted to the stations in his immediate vicinity. One of our Radio Golf Contestants already has a total score of over 60,000 miles, which shows how thickly the country is dotted with broadcasting stations. Sometimes we wonder if we could not spare a lot of them and concentrate broadcasting efforts from a few centrally located points.

The third change in our manner of listing the broadcasting stations is in giving a Sunday Schedule which covers most of the broadcasting stations in the United States, and certainly must contain a station in your section which is broadcasting Sunday services.

We are anxious to know if our readers are benefitted by these changes and a word from any of them will be appreciated, as will any suggestions which may help us to increase our service to you.

Medical Radio Service For Ships At Sea.

THE United Fruit Company has announced the inauguration of free medical radio service from its hospitals in the various countries of South America and from its passenger steamships to all ships at sea.

In this way any ship not carrying a doctor can avail itself of this medical service, and in special cases consultation between doctors of two ships may take place by radio.

The physicians and surgeons comprising the medical staff of the United Fruit Company and its subsidiaries are thoroughly qualified, but in view of the fact that radio medical advice to ships at sea is given free and without an opportunity for a personal examination of the patients, by them, no responsibility will be assumed by either the company and its subsidiaries or the physicians or surgeons giving the advice as to its accuracy or for error in the receipt or transmission of any message sent or received in connection therewith.

It is requested that when sending medical advice radiograms, radio operators check them "(number of words) DH Medico."

This is another example of what radio means to the world, and no doubt many lives will be saved as a result of this service.

Calls for medical service are given preference over all other calls except SOS.

WEEK-DAY BROADCASTING SCHEDULE

- WGI-American Radio and Research Corporation-Medford Hillside, Massachusetts.
- WJZ-Radio Corp., Westinghouse, Newark, N. J.

KDKA-Westinghouse, East Pittsburgh.

WLW-Crosley Mfg. Company, Cincinnati, O.

WWJ-Detroit News, Detroit, Mich.

KYW-Westinghouse, Chicago, Ill.

WOC-Palmer School of Chiropractic, Davenport, Ia.

WGY-General Electric, Schenectady, N. Y.

KQV-Doubleday, Hill Electric, Pittsburgh, Pa. WBZ-Westinghouse Electric & Mfg. Co., Springfield,

WSB-Atlanta Journal, Atlanta, Ga.

WSY-Alabama Power Co., Birmingham, Ala.

WFAA-Dallas News and Journal, Dallas, Texas. KSD-St. Louis Post Dispatch, St. Louis, Mo.

WGR-Federal Tel. & Telg. Co., Buffalo, N. Y.

WLW-Crosley Mfg. Co., Cincinnati, O.

- Time given is Eastern Standard (Arlington) Time.
- WGI-Setting up exercises. 7:00 A. M.
- WJZ-Markets. 9:00 A. M. WGI—Music.
- WWJ-Tonight's Dinner, and talk by 9:30 A. M. Woman's Editor.
- 10:00 A. M. KDKA-Music. WLW-N. Y. Stock Exchange Opening.
- 10:20 A. M. WLW-Music.
- WWJ-Weather. 10:25 A. M.
 - KYW-Markets-Stock.
- WWJ-Weather. 10:30 A. M. WGI
- KYW, WLW-Markets. 11:00 A. M. WGI-Music.
- WFAA-Markets, 11:15 A. M.
- WLW-Weather.
- 11:30 A. M. KYW-Markets. WLW-Music.
- WOC, WGY, WBZ, WJZ, WWJ-Time 11:55 A. M. Signals.
- WWJ, KQV, WJZ-Music. 12:00 M. KYW, WJZ-Markets. WOC-Weather.
- WJZ-Music. 12:15 P. M.
- KDKA-Music. 12:30 P. M.
- KYW, WGY-Markets.
- 12:45 P. M. WGY-Weather.
- WLW, WOC-Music. 1:00 P. M. KYW-Markets.
 - WSB-Weather Reports, Music, Speeches.
- 1:30 P. M. KYW-Markets.
 - WFAA—Address.
- WGY, WGR-Music, Talks. 2:00 P. M. KYW-Markets. WGR-Latest Record Releases.

- 2:15 P. M. KYW-Markets. WLW-Music.
- 2:20 P. M. KYW, WGR-Closing Market Quotations Chicago Board of Trade.
- 2:30 P. M. WLW-Music.
- 3:00 P. M. WWJ, WGR-Music. WLW, WOC-Markets and Stock. KDKA-Music. Football Scores.
- 3:15 P. M. KYW. WGR-Market and News.
- 3:25 P. M. WGI-Music.
- KYW-Closing Quotations, Chicago 3:30 P. M. Stock Exchange. WWJ-Weather.
- KYW-Music, Tuesday and Thursday. 3:35 P. M.
- WWJ---Markets. 3:40 P. M.
- 4:00 P. M. WJZ. WLW-Stocks, Markets. Monday. WSY-Reports, Concerts, Wednesday, Friday.
- KYW-News and Sports. 4:30 P. M. KQV, WOC-Music.
- KQV-Library Letter, Friday. KYW-News-News and Sports-Tuesday, Thursday, Saturday.
- WWJ. KYW-News-Sports. 5:00 P. M. WSB-Concert.
- KYW-News, Market and Stock Re-5:15 P. M. ports.
- KYW, WJZ-Markets, Stocks, Sports. 5:30 P. M. KYW-News and Sports.
- WGR-Closing Prices of New York 5:40 P. M. Stock Exchange and Chicago Board of Trade.
- WJZ-Iron and Steel Review by Iron 5:55 P. M. Age, Tuesday, Thursday.
- WGY-Produce, Market, News. 6:00 P. M. WJZ—Entertainment. WSB—News, Bedtime Story.
- KDKA-News. 7:00 P. M. KDKA-Tri-weekly Letter from Farm and Home-Monday, Wednesday, Friday.
 - KDKA—U. S. Semi-weekly Health Bulletin, Tuesday, Thursday WJZ—Bedtime Stories. WWJ—Detroit News Orchestra, except
- Saturday. 7:15 P. M. KDKA-Theatrical Features. WJZ-Talk on Dogs. WGI-Music.
- 7:30 P. M. WBZ, WGR-Sport News-Bedtime Story. KDKA-Bedtime Story. KDKA-"Under the Evening Lamp"-
 - Youth's Companion, Saturday. KYW-News, Financial, Final Market and Sport Summary.
- WGY-Music-Monday, Tuesday, Fri-7:45 P. M. day.
 - WGY-Drama-Thursday.

 - WGR—News. WBZ—Speaker, Weather, Markets, News.

WFAA—Bedtime Story. KDKA—Markets—N. Y. Stocks.

7:50 P. M. KYW—Bedtime Stories.
WBZ—Music.
WGR—Music, Monday, Wednesday,
Friday.

WLW—Music, Lectures, News—Tuesday, Thursday, Friday.

WSB—Concert.

8:30 P. M. KDKA—Music.
WJZ—Music and Entertainment. •
WWJ—Orchestra, Town Crier, except
Saturday.

9:00 P. M. KYW, WFAA, KSD—Musical Program.
WSY—News, concert.
WI W. Music Tuesday Thursday Fri-

WLW—Music, Tuesday, Thursday, Friday.

9:15 P. M. WJZ-Entertainment.

9:30 P. M. WJZ-Music and Entertainment.

9:45 P. M. WJZ-Addresses, Music, Entertainment

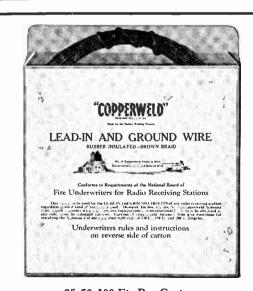
9:55 P.M. KDKA, WJZ—Arlington Time Signals. KYW—News and Sports.

10:00 P. M. KQV—Music. Monday, Wednesday, Friday.
WJZ—Music and Special Features.

10:05 P. M. KYW-Special Features.

11:45 P. M. WSB-Concert and entertainment.

12:00 Midnight WFAA—Music, Tuesday, Thursday, Saturday.



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Programs for the Week

Sunday, December 3, 1922

KDKA—360 Meters, Westinghouse, East Pgh., Pa. 10:45 A. M. Services of the East End Christian Church, Highland Avenue and Alder Street, Pittsburgh, Pa. Rev. John Ray Ewers,

2:45 P. M. Children's Bible Story, by Rev. W. A. Logan, Pastor, Alpha Lutheran Church,

Turtle Creek, Pa.

3:00 P. M. Special Musical Concert by the Arion Male Quartet—"Negro Spiritualistic Songs". W. E. Demby, first tenor; Kenneth L. Robinson, second tenor; Robert A. Lewis, baritone; James A. Boone, bass; Miss Delilah Moxley and James K. Brown, accompanists. Program: "The Lord's Prayer," Dressler: "Rocks and Mountains," Smith; "Since You Went Away," Johnson-Elkins; "Nobody Knows the Trouble I've Seen," Burleigh; "Mighty Lak a Rose," Nevin; "Crossing the Bar," Holden; "Go Down Moses," Hampton; "Remember Me," Kunkel; "Mother o' Mine," Burleigh; "Abide with Me," Macey.

4:45 P. M. Vesper Services of the Shadyside Presbyterian Church, Amberson Avenue near Fifth Avenue, Pittsburgh, Pa. Rev. High Thomson Kerr, Pastor.

7:45 P. M. Services of Calvary Episcopal Church, Shady Avenue, Pittsburgh, Pa. Rev. E. J. Van Etten, Rector.

WJZ-360 Meters, Radio Corp. Westinghouse, Newark, N. J.

10:30 A. M. Musical program.

11:00 A. M. Holy Communion Services of the St.

Thomas Church, 5th Ave. and 53rd Street,
New York City. Rev. Ernest M. Stires, D.D.,
Rector of St. Thomas' Parish for 21 years,
formerly of the Grace Church, Chicago will
officiate. Mr. T. Tertius Noble, organist and
noted composer of religious music will direct
the boys and men's choir of sixty voices.

2:45 P. M. City Symphony Concert at the Manhattan Opera House will be conveyed to WJZ by a special Western Union Wire.

The City Symphony Orchestra which was maintained by the musical society in the City of New York consists of 83 players carefully selected for their musical talent and symphonic experience. The conductor Mr. Dirk Foch, native of Holland and a composer of distinction as a conductor of symphonic concerts and opera in Amsterdam, The Hague, Stockholm, Gothenburg and other European Cities. He conducted several stadium concerts in 1919, a special Carnegie Hall concert in 1920, and was guest conductor of the St. Louis Symphony Orchestra for two concerts in 1921. The program will consists of gems from the lighter classics together with shorter symphonic poems. Young soloists of real talent and distinction will be heard at each performance. Arrangements for broadcasting the city Symphony Concerts were effected with the assistance of Popular Radio as part of this magazine's general plan for the broad. casting of events of the highest educational and cultural value.

Sunday, December 3, 1922. (WJZ Program Continued)

5:00 P.M. "Something for Everybody", righted stories by the Youth's Companion: "Natural Result", How Enoch took a little candid criticism. "Thrift". Why Donald MacIntire won his suit.

> "Photographing Household Pets", Suggestions that will help the enthusiastic amateur photographer.

- 6:30 P.M. "Readings and Records from the Bubble Books that Sing", by Ralph Mayhew, Harper & Bros.
- 7:00 P.M. Adventure Stories for older boys and girls. Adventures in the Winter Skies, from the "Sky Movies", a talk by the author, Gaylord Johnson; Macmillan Company.
- 7:30 P.M. "A Talk on Reading" by Dr. C. R. Stapleton of New York City.
- 7:40 P.M. "Behind the Scenes in Book Publishing", by Lyman Beatrice Stowe, Doubleday Page & Co.
- 8:00 P. M. Estey Organ Recital direct from the Estey Auditorium in New York City.
- 9:00 P. M. Concert by the Manhattan Ladies' Quartet of New York City, Irene Cumming, first soprano; Isabel Thorpe, second soprano; Grace Duncan, first alto; and Anna Winkopp, second alto.

This quartet, is well known in church and concert work, They devoted 18 months during the war to work in army camps, sang every afternoon in the hospital wards and gave on the average of three or four concerts a day, always receiving enthusiastic reception. Program: "Lift Thine Eyes," from "The Elijah," Mendelssohn; "Persian Serenade," Matthews; "The Rosary," Nevin; "Snowstorm," Rogers; "From the Land of the Sky Blue Water, Cadman; "Song and Echo,' Ranger.

9:40 P. M. A mixed Shakespearean program by Mona Morgan, well known interpreter of Shakespearean plays.

WGY-400 Meters, General Electric Co., Schencetady, N. Y.

- 10:30 A. M. Morning service and sermon by the Rev. T. N. McQuoid, pastor of the United Presbyterian church.
- 4:30 P.M. Vesper service with sermon by the Rev. M. O. VanKeuren, Pilgrim Congregational church.

KYW-100 Meters, Westinghouse, Chicago, Illinois Central Standard Time

3:30 P. M. Radio Chapel Services conducted by Rev. Van Ogden Vogt, D.D., pastor, Wellington Congregational Church.

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Monday, December 4, 1922

KDKA—360 Meters, Westinghouse, East Pgh., Pa. 7:00 P. M. News. Weekly Survey of Business Conditions, prepared by the National Industrial Conference Board. Tri-Weekly Letter from FARM AND HOME. The Nast Group of Radio Articles No. 33; Program: "What the Smart Women Wear in the Evening in New York"—VOGUE; "Bright Colors to Relieve Men's Dark Clothes"—VANITY FAIR; "Making an Outdoor Room"-HOUSE AND GARDEN.

8:00 P. M. "Milk and Tuberculos's"—Dr. W. C. White, Medical Director, Tuberculosis League of Pittsburgh, Pa.

8:30 P. M. Concert by Genevieve Marshall, lyric soprano, soloist of St. Andrew's Episcopal Church, Pittsburgh, an artist of the first rank; Arthur Anderson, bass-baritone, a concert singer of well known reputation and a recent acquisition to Pittsburgh. Both are from the studio of Mrs. James Stephen Martin. Earl B. Collins, a great favorite with radio listeners will be the pianist and accompanist.

panist.

Program: Bass-baritone solos: "Love Me or Not," Secchi; "Infelice" (Ermani) Verdi; (a) "Trade Winds." Peel; (b) "When Richlien the Red Robe Wove." Murray; "Song of the Mush On," Rye Herbert; Soprano solos: "Lusinghe Pin Case," (Allessandro) Handel; (a) "Psyche." Paladilhe; (b) "Screnade du Passant," Massenet; (a) "Humility;" (b) "Two Eyes of Brown," Grieg, Piano solos: (a) "Sea Chanty." Grainger; (b) "Ballet," (Orfeo) Gluck; (a) "Alt Wien." Godowsky; (b) "Crap Shooters," Lane: Duet, Mrs. Marshall and Mr. Anderson—"Laci Darem," (Don Glovani) Mozart.

A number of selections by the KDKA Little Symphony Orchestra. Victor Saudek, Director.

Program: Suite, (Prelude, Aroganaise, Les Toreadors) from Carmen, Bizet; (a) "Serenade d' Amour," Von from Carmen, Bizet; (a) "Serenade d' Amour," Von Blon, (b) "Siziletta," Von Blon; excerpts from the Opera Martha, Flotow.

WJZ-360 Meters, Radio Corp. Westinghouse, Newark, N. J.

6:00 P. M. Business and Industrial Conditions in the United States as observed by the National Industrial Conference Board.

8:30 P.M. "Real Estate Mortgages" by Frank J.

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8:45 P. M. "Cavalleria Rusticana", an opera in one act by Pietro Mascagni, a special Gala Opera Recital by the members of Zuro Opera Company, Josiah Zuro, conducting.

The cast of the Zuro Opera Company will be as follows: "Santuzza", a village girl; Gladys Rice, soprano; "Lola", wife of Aliro, Miriam Low, Mezzo-soprano; "Turiddu", a young soldier, Fred Jagel, tenor; "Qlfio", a teamster, Silvio Gavarelli, baritone; "Lucia". mother of Turiddu, Inga Wank, contralto. The scene as "Cavalleria Rusticana" is laid The Present. in a Sicilian Village: Time:

The Zuro Opera Company has recently concluded a very successful grand opera season at the Academy of Music. Their repertoire consists of the very best operas only and their artists include some of the biggest names of operatic stage. Mr. Charles D. Isaacson of the New York Evening Mail will give a short talk on "Face to Face with Mascagni," and will read the story of the opera during the performance. opera during the performance.

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

10:00 P.M. Program by Miss Kathleen McConnell, contralto soloist and director of Trinity church choir, at Washington, Pa.

Assisting Miss McConnell will be; William Kuehner, baritone, member of the choir of the First Unitarian Church, Pittsburgh, and Alvin Adams, pianist, organist and accompanist. Mr. Adams is organist and director the United Presbyterian Church of Sewickley, Pa.

Program: Contralto solos, "Mifanny," by Weatherly-Foster; "There is No Death," by O'Hara; "Inter Nos" by MacFadyen. Baritone solos, "I Love a Little Cottage," by O'Hara; "Oh, Having Memory," by Bond; "Brown Eyes," by Del Riego; "Why," by Wells; "The Owl," by Wells; "Drink to Me Only With Thine Eyes," Old English; Featuring—"Kamennoi Ostrow," by Rubinstein, Arranged for piano and organ. Alvin Adams, organist and accompanist.

WGY-400 Meters, General Electric, Schenectady, N. Y.

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

P. M. Musical program as follows:
Instrumental selection, "Teddy Bears' Picnic," Bratton, WGY Orchestra; Address, "The Broadway to Indepdence, Work and Save," William S. Hackett, President City Savings Bank, Albany, N. Y.; Cello solo, "Evening Star," from "Tannhauser," Wagner, Ernest Burleigh, Instrumental selection, "In my Canoe," Sowerby, WGY Orchestra; Soprano solo, "A Garden," Latter, Mrs. MacDavitt; Piano solo, "Nocturne in F Sharp Minor," Chopin, Ernest Hawes; Instrumental selection, "After Sundown," Friml, WGY Orchestra; Soprano solo, "Cradle Song," Reber, Leo Kliwen; Piano solo, "Valse," Chopin, Ernest Hawes; Instrumental selection, "Song Without Words," Tschaikowsky, American Trio; Soprano solo, "I Arise From Dreams of Thee," Hahn, Mrs. MacDavitt; Instrumental selection, "Le Dauphin" Seeboeck, WGY Orchestra.

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

8:00 P. M. Program Courtesy of Lyon & Healy Concert and Artists Department.

Roman Mich

Tuesday, December 5, 1922

KDKA—360 Meters, Westinghouse, East Pgh., Pa.
 7:00 P. M. News. Weekly Fashion Talk for Women, prepared by The Joseph Horne Company, Pittsburgh, Pa. United States Semi-Weekly Public Health Bulletin.

8:00 P. M. "A Merry Christmas and a Safe One" prepared by the National Safety Council,

Chicago, Ill.

8:30 P. M. Concert by A. G. Jonas, baritone; Miss Leona Friedman, pianist and accompanist; Gertrude Willey, artistic whistling and bird imitations; Mrs. Lettie Austin Smith, reader and entertainer, also instructor of reading at Teachers' County and local institutes.

Program: Baritone solos, "Beneath Thy Window," E. diCapua; "Mate o' Mine," Percy Elliot; "Even the Bravest Heart," Gounod; "Torcador Song," Bizet; "Give a Man a Horse He Can Ride," O'Hara. Piano solos: "Grillen," Schuman; "Liebestraume," Liszt; "Spanish Dance No. 2," Moskowski; "Etincelles," Moskowski. Readings: "The Master is Coming," Religious; "The Cabin Is Empty," Dramatic; "Lacky Jim," Comedy.

Otto Shuller, concert zither.

Otto Shuller, concert zither. Program: "Victoria March," Enstein: "Alpine Landler," Huber; "The Bells of Saltsbury," Koshat; "Fantasia," Shuller; "Hungarian Dance," Kiroly.

WJZ-360 Meters, Radio Corp. Westinghouse, Newark, N. J.

7:00 P. M. "Musical Stories" by Mary Plowden Kernan, lecturer for the New York City Board of Education.

7:30 P. M. Estey Organ Recital from the Estey

Auditorium in New York City.

8:30 P. M. "Broadcasting Broadway", by Bertha Brainard.

9:00 P. M. Grace Isabel Colbron in her discussion of "Books of the Week" will include "South American Jungle Tales", H. Quiroga and Stories by Mrs. Molesworth.

9:10 P. M. Recital by Pat Kelly, the noted Irish tenor; Betty Tilletson Concert Bureau.

9:45 P. M. "The Fun of Being an Irishman" by Dr.
Thomas W. Davidson, pastor of the Historic
Reformed Church on the Heights, Brooklyn.
Dr. 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.

WGY-400 Meters, General Electric, Schenectady, N. Y.

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

Xylophone solo, "Poet and Peasant Overture," Von Suppe, Raymond Mitchell, O. G. Yettru, accompanist; Bass solo, "A Son of the Desert am I," Phillips, Daniel Gilmore; Reading, "If," A. Parody, Mrs. B. D. Painter; Piano solo, "At the Fiorde," Torjussen, Mr. Yettru; Bass solo, "Prosit," DeKoven, Daniel Gilmore; Xylophone solo, "Xylophone Rag," Mitchell, Raymond

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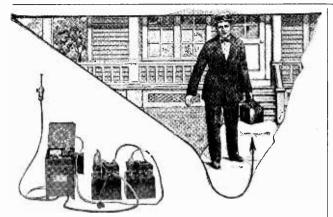
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Mitchell; Reading, "Her First Thanksgiving Turkey," Mrs. Painter; Piano solo, "To the Rising Sun," Torjussen, Mr. Yettru; Bass solo, "The Lamplit Horr," Penn, Mr. Gilmore; Reading, "Angelica's Missionary Offering," Mrs. Painter; Xylophone solo, Finale from "William Tell," Rossini, Mr. Mitchell.

KYW-400 Meters, Westinghouse, Chicago, Illinois

8:00 P. M. Musical Program Courtesy of Mid-West
Music House and Bergey's Ch'cago Opera
School, Norma Madeline Thompson, soprano;
Mme. Elise Colbran Melius, soprano; August
E. Bredemeier, tenor; Helen Louise Schaffer,
accompanist; Lee Butterfield Orchestra; Lee
Butterfield, piano; Ben Berg, violin; Johnny
Kurzenknobe, banjo; Leonara Daum,
soprano and tenor saxophone, J. B. Blanton,
solo saxophone; Urban Palmer, drums.

Program: (a) Medley, "Night and Indiana Home,"
(b) "Suez," (c) "Toot-Toot-Tootsie Good Bye," (d)
"Don't Bring Me Posies," Erdman, Lee Butterfield
Orchestra; (a) "My Dreams," Tosti, (b) "Blossoms,"
Phillips, Mme, Elise Colbran Melius; (a) "Little Lad,"
Phillips, (b) "Jane Dear," Phillips, A. E. Bredemeier;
(a) "In Rose Time," Phillips, (b) "Bye-Lo Baby,"
Schaffer, Norma Madeline Thompson; (a) "The Song
My Mother Taught Me," Dvorak, (b) "Bluebird
Land," Short, Mme, Elise Colbran Melius; (a)
"Nothin' But Love," Bond, (b) Selected, A. E. Bredemeir; (a) "Habanera from "Carmen," Bizet, (b) "By
The Sea," Schaffer, Norma Madeline Thompson.



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Wednesday, December 6, 1922

- KDKA-360 Meters, Westinghouse, East Pgh., Pa.
- 7:00 P.M. News. Tri-Weekly Letter from FARM AND HOME. Weekly Summary of the Iron and Steel Industries, prepared by THE IRON AGE.
- 8:00 P.M. "The value of an Automobile Club" by George R. Wallace, member of the Board of Governors of the Automobile Club of Pittsburgh, and Director of Pittsburgh Chamber of Commerce.
- 8:30 P. M. Musical Program. Mary Ellen Thurston, Saint Xaviers College, Latrobe, will play the violin. Pupil of Margaret Horne.
 Program: "A Poem," Sibith; "Rosemary," Kreisler:
 "Legende," Wieniawski; "Overtass," Maxurka; Wieniawski.

WJZ-360 Meters, Radio Corp. Westinghouse, Newark, N. J.

- 5:55 P. M. "Iron and Steel Review", by the Iron Age.
- 7:00 P. M. "Animal Stories," by Florence Smith Vincent of the New York Evening Telegram.
- 9:00 P.M. "The Business Situation", by Dr. Warren Hickernall, Alexander Hamilton Institute of New York.
- 9:10 P.M. "The Human Problems in Industry," by E. M. Herr, President of the Westinghouse Electric & Manufacturing Company, as delivered before the American Society of Mechanical Engineers who are holding their annual meeting in New York City.
- 9:45 P.M. "Making Money and Making Goods", by W. T. Mitchell as delivered before the Society of Mechanical Engineers.
- 10:01 P.M. Recital by Geneva Youngs, soprano, Ruth Howard Courtright at the piano. Program: "Quella fiamma che m'accende," B. Marcello; "Si mes vers avaient de ailes." Hahn; "Ahout the Sweet Bag of Beet," Lawes, "I Attempt From Love's Sickness to Fly." Purcell; "Peace," Hawley; "Where Blossoms Grow," Sans Souci.

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

10:00 P. M. Program of Scotch and Irish Songs, both classic and traditional given by Mme. Elsia Jones, contralto, late of the English Opera Company, of the British Isles.

Mme. Jones' first appearance on KQV programs was followed by so many favorable comments and requests for her return to sing the songs she has sung from childhood that the first opportunity has been taken to list her again. She will include songs of the "folk" of Scotland and Ireland and no one can sing them with the same fullheartedness as those who have heard them crooned from infancy.

crooned from infancy.
Program: Irish Songs, "Mother Machree," as sung by Chauncey Olcott, arranged by Ball; "Believe Me if All Those Endearing Young Charms," by Moore; and Barney O'Hea, by Samuel Lover. Scotch Songs. "Annie Laurie," as arranged by Liza Lehman; "My Ain Folk, by Lemon; "Comin' Thro' the Rye," and "Robin Adair," Old Scotch and Irish airs.
To these will be added Scotch and Irish Specialties.

KYW-100 Meters, Westinghouse, Chicago, Illinois Central Standard Time

8:00 P. M. Program Courtesy of Lyon & Healy Concert and Artists Department.

Thursday, December 7, 1922

KDKA-360 Meters. Westinghouse. East Pittsburgh, Pa.

8:00 P. M. Modern and Practical Home-furnishing Hints, prepared by Miss Harriet Webster of the Joseph Horne Company, Pittsburgh, Pa. Timely and Interesting Facts for the Agriculturist, prepared by The National Stockman and Farmer, Pittsburgh, Pa.

8:30 P. M. Musical Program by KDKA Little Symphony Orchestra.

> Program: Overture, "Figaro," Mozart; Waltz, "Blue Danube," Strauss; Excerpts from "The Blue Kitten," Friml; Serenade, (a request from Eatonton, Georgia), Schubert; Gems from Tales from Hoffman, Offenbach; "Salut d' Amour," Elgar; "Hungarian Dance," Brahma

WJZ-360 Meters, Radio Corp., Westinghouse, Newark, N. J.

7:00 P.M. "Jack Rabbit Stories," by David Cory, New York Evening Mail.

8:30 P. M. Concert by students of Theodore Van Yorx, vocal studios: Marguerite Lovewell, so-prano; Mrs. Harold Bancroft, alto; William H. Hyatt, tenor; Harold Meyers, baritone; Margaret Still, accompanist.

> Program: Soprano solos by Miss Lovewell, "A Russian Lullaby," Kirbus; "I Know Where I'm Goin'." "Willey Waggley Polly Wog," Cheatham. Alto solos by Mrs. Hancroft, "Her Rose," Coombs; "Mammys Song," Scrickland; "The Quest," Smith. Tenor solos by Hyatti, "She Is So Innocent," Lecocq: "Serenade." Tosti; "It's Nice to Get Up in the Mornin", " Lauder; Baritone solos by Mr. Myers; - "Songs Have Wings," Liza Lehman; "I Am Thy Harp," Woodman; "Give a Man a Horse," O'Hara.

9:30 P. M. "Spanish Olives," by C. A. Thayer. 9:30 P. M. Concert by the Colonial City Four, of Morristown, N. J.

KQV-360 Meters, Doubleday, Hill Electric Co., Pittsburgh, Pa.

4:30 P. M. Music. Weekly Library Letter on "Good Reading and the New Books," from Carnegie Library, Pittsburgh,

WGY-400 Meters, General Electric Co., Schenectady, N. Y.

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

Piano solo, First and Third Movements from "Peer Gynt Suite," Grieg, Percy Grainger, Duo Art; Male Chorus, (a) "Shepherd's Sunday Song (English), Kreutzer, (b) "Gondellied," (German) Schmoelzer, The Turner Male Chorus, F. Kinum, Director; Soprano solo, "Lullaby," Brahms, Edith Ennis, Irma Grupe, accompanist; Piano solo, "Etude Heroique," Op. 48, No. 3 Leschetizky, Guiomar Novaes, Duo-Arts; Male Chorus. (a) "Old Black Joe," (English) Foster (b) "My Old Kentucky Home," (English) Foster, Turner Male

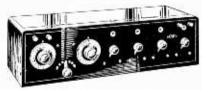
Chorus; Soprano solo, "Who'll Buy My Lavender." (By request), German, Edith Ennis; Male chorus, (a) "Sternennacht," (German) Uthmann, (b) "Waldmorgen," (German) Koellner, Turner Male Chorus; Piano solo, "Ballet Egyptien," Luigini, Eleanor de Mareo, Duo-Art; Male Chorus, (a) "Am Bruennelein im Walde," (German), Kromer, (b) "Nachtzauber," (German), Storch, Turner Male Chorus; Soprano solo. "Damon," Stange, Edith Ennis, Irma Grupe, accompanist; Male Chorus, "Farewell," (English), Wenngert, Turner Male Chorus; Piano solo, "Gondolieria," Liszt, Rudolph Ganz, Duo-Art.

KYW-400 Meters, Westinghouse, Chicago, Ill.

8:00 P.M. Program by Adrienne De Vere, soprano; Wendell W. Hall, tenor; Louis Puppilo, violinist; Robert Campbell, reader; Sallie Menkes. accompanist; Margaret Miller, accompanist; (Landis studio).

> Program: (a) "Over The Desert," Kellie; (b) "Morning," Speaks, Wendell W. Hall; (a) "Romance" Wieniawski, (b) "Gavotte," Gossec, Louis Puppilo: Soprano solos, Adrienne de Vere; "Ma And The Auto" Guest, Robert Campbell; (a) "Whispering Trees, Memories and You," Hall, (b) ukulele specialty, Original, Wendell W. Hall; (a) "Hymn To The Sun," Rimsku-Korsakoff, (b) "Spanish Dance No. 3," Sarasate, Louis Puppilo; Soprano solos, Adrienne de Vere; (a) "The Apportionment," (b) "Stop That," Robert Campbell; (a) "Mellow Moon," Hall, (b) "I'll Forget You," Hall, Wendell W. Hall.

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Friday, December 8, 1922

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

7:00 P.M. News. Tri-weekly Letter from Farm and Home. Report on World Trade Conditions, prepared by The Trade and Industrial Bureau of the Pittsburgh Chamber of Commerce.

8:00 P. M. Literary Moments, by Miss Marjory Stewart. Program: "Biography of Paul Lawrence Dunbar;" (1) Plantation Pictures—a "When de Co'n pou's hot;' b "Po'h li'l lam';" c "De turnin' ob de Babies in de bed;" (2) "Encouragement;" (3) a "Philosophy;" b "Life's Tragedy;" (4) "The Party;" (5) "When Malindy Sings." (All the above are by Paul Lawrence Dunbar.)

"On the Street and in Public," a weekly talk on Etiquette by Mrs. Margaret B. Story.

8:30 P. M. Concert by the Pittsburgh Apollo Male Chorus and Saudek Ensemble, from the Carnegie Music Hall.

Program: (a) "Drakes Drum," Coleridge-Taylor; Taylor; (b) "Lullaby," Brahms, sung by the Pittsburgh Apollo Male Chorus. Group of solos. "In Dulei Jubilo." Bach, "May Day Carol from Essex County," solo, Frederick Rodgers. Instrumental music by the Saudek Ensemble. "The Broken Melody," Sibelius. "The Pilgrims' Chorus," Wagner.

Second half. "A Wet Sheet and a Flowing Sea," Richard Kountz, inscribed to the Pittsburgh Apollo Male Chorus. "The Reapers," T. Carl Whitmer; "Lo. How a Rose E'er Blooming," Harvey B. Gaul; Music by the Saudek Ensemble. "Highland Love," Old Scotish song, solo by Dr. Richard Kirk. "My Lindy Lou," Lilly Strickland, solo by Burton Mustin. Group



of solos. "The Derelect," Campbell, solo by Chester

Program: Apollo Concert, Saudek Ensemble:—Fred Lotz, pianist, Theodore Rentz, violin, W. F. Hennig, violin, Pierre DeBacker, viola, Elmer Hennig, cello Wm. Schultz, oboe, Domenico Caputo, clarinet, William Hennig, french horn, Carl Nusser, bassoon, Victor Saudek, flutist and director.

WJZ—360 Meters, Radio Corp., Westinghouse, Newark, N. J.

5:35 P. M. "Two Stories, copyrighted by the Youth's Companion—"A True Party Man,' humor in a political argument; "The Tollgate," by Charles A. Hoyt. George and Herm have an adventure in a mud-hole.

5:45 P. M. Conditions of leading industries, by R. D. Wychoff, editor of the Magazine of Wall

Street.

5:50 P.M. Resumé of sporting events, etc.

6:00 P. M. Musical program.

7:00 P. M. "Bedtime Stories," by Thornton Burgess. 7:15 P. M. "American Bred Dogs," by Frank Dole,

noted authority.

7:30 P. M. Recital by Abracha Konevsky, violinist, who received the enthusiastic approval of the New York press after his recent debut at the Aeolian Hall. Mr. Konevsky is well known in South America, where he gave numerous recitals after he left Russia.

7:45 P. M. Concert by the Bergen Quartette, W. C. Sayre, 1st tenor; H. I. Sayre, 2nd tenor; T. P. Sayre, 1st bass, Wm. G. Burns, 2nd bass; G. F. Strahl, accompanist, who are favorably known by their annual concerts in practically all of the large eastern cities.

Program: "Scotch Medley of Song," Geo. Botsford; "Annie Laurie," A. Beibel; "Sweet Indiana Home," Botsford; "Caroling in the Morning," Botsford; "Tosti's Good-Bye," Botsford; "J. Remick's 1922 Medley," Botsford; "Some Blessed Day," Nevin; "Auld Lang Syne," Botsford; "On Sophie's Sofa," Witmark.

8:00 P. M. "Books as Gifts," by H. Askowith, of the Independent

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

9:00 P. M. Literary Evening conducted by the editorial staffs of the Outlook, Scientific American and Harper & Brothers.

9:45 P. M. Recital by Frederick Cromweed, pianist, of the Bronx.

KQV—360 Meters, Doubleday, Hill Co., Pittsburgh, Pa,

10:00 P. M. The "Cycle Quartet," of Pittsburgh, Pa., will present the Song Cycle, "In a Persian Garden," by Liza Lehmann, one of the foremost English women composers of all time. The Cycle will be given complete and without interruption, the story of the text being so closely linked with the musical score as to be easily followed by listeners.

The personnel of the "Cycle Quartet" is: Marie Shaner, soprano; Ella Hersman Dosch, contralto; Arthur C. Stott, tenor; Joseph Williams, bass; Lyman Almy Perkins, accompan-

ist and director.

Quartette, "Wake! for the sun who scatter'd into flight;" Solo tenor, "Before the phanton of false morning died;" Recitative (Bass), "Now the new year reviving old desires;" Solo tenor, "Iram indeed is gone with all his rose;" Quartette, "Come, fill the cup, and in the fire of Spring;" Solo bass, "Whether at Naishapur or Babylon;" Contralto (Recitative), "Ah, not a drop that from our cups we throw;" Contralto solo, "I sometimes think that never blows so red;" Duet (Soprano and Tenor), "A book of verses underneath the bough;" Bass solo, "Myself when young did eagerly frequent;" Bass (Recitative), "Ah, make the most of what we yet may spend;" Contralto solo, "When you and I behind the veil are past;" Soprano (Recitative), "But if the soul can fling the dust aside;" Soprano solo, "I sent my soul through the invisible:" Tenor solo, "Alas! that Spring should vanish with the rose!;" Contralto solo, "The worldly hope men set their hearts upon;" Soprano solo, "Each morn a thousand roses bring you say;" Quartette, "They say the lion and the lizard keep;" Tenor (Recitative), "Ah, fill the cup! what boots it to repeat;" Tenor solo, "Ah, moon of my delight, that knows no wane;" Bass solo, "As then the tulip for her morning sup," Quartette, "Alas! that Spring should vanish with the rose."

The Cycle Quartet as well as the other Artists appearing at KQV are, in all instances available for Musical Engagements.

WGY-400 Meters, General Electric Co., Schenectady, N. Y.

6:30 P. M. Story from Grimm's Fairy Tales, Kolin D. Hager, reader.

7:40 P. M. Health talk, "Keep Your Mind Well," by Col. Homer Folks, Secretary New York State Charities Aid Association.

7:45 P. M. Radio Drama and Musical Program-A Play-"Smilin' Through' . . Allen L. Martin

Prologue and Three Acts

Instrumental selection, "Bluejackets" March," Emerson, WGY Orchestra; Soprano solo, "Entrance Song of of Ophelia, Faccio, Della Baker; Soprano solos (a) "Mandoline," Debussy, (b) "Le Baiser," Thomas, (c) "A des Oiseaux," Hue; Instrumental seiection "I Love a Little Cottage," O'Hara, WGY Orchestra; Instrumental selection "One Hour," Lee, WGY Orchestra; Instrumental selection, "Smilin" Through," Penn, WGY Orchestra; Soprano solos, (a) "Wings of Night," Winter Watts, (b) "Swans," Kramer (c) "Longing," La Forge, Della Baker; Soprano solo, "Aria d'Elisa," Handel, Della Baker; Instrumental selection, L'Escarpolette, Barns, WGY Orchestra.

10:30 P. M. Musical Program.

Instrumental selection, "A Dream," Bartlett, American Trio; Soprano solo, "Do Not Go My Love," Hageman, Mrs. Sumner Parkhurst; Piano solo, "Impromptu in A Flat," Schubert, Ollie Yettru; Instrumental selection, "Hyme a St. Cécile, Gounod, American Trio; Violin solo, "Andante," from Symphonie Espagnole, Lalo, Edward Rice; Soprano solo, "Spring's Awaking," Sanderson, Mrs. Parkhurst; Instrumental selection, "Als die alte Mutter," Opus 53, No. 4, from "Gypsy Melody," Dvorak, American Trio; Cello solo, "Melody" Ernest Burleigh; Soprano solo, "Tis Snowing," Bem. berg, Mrs. Parkhurst; Instrumental selection, "Valse Brillante," Opus 34, No. 2, Chopin, American Trio.

KYW-400 Meters, Westinghouse, Chicago, Ill.

8:00 P.M. Musical Program, courtesy of Henry Purmort Eames. Madam Orianna Jennison, soprano; Carleton Cummings, tenor; Milford Chandler, Indian flute; Henry Purmort Eames, composer, pianist.

Saturday, December 9, 1922

KDKA-360 Meters, Westinghouse, East Pittsburgh, Pa.

- 3:00 P. M. Popular musical concert. Program to be announced later.
- 7:00 P.M. News. "Under the Evening Lamp," courtesy of The Youth's Companion. Program: "A True Party Man,' proving that "the king can do no wrong;" "The Tollgate," a story by the humorist, Charles A. Hoyt: "Natural Result," how Enoch took a little candid criticism; "Thrift," why Donald MacIntire won his suit; "Photographing Household Pets," suggestions that will help the enthusiastic amateur photographer.
- 8:30 P.M. Concert by the Edgar Thomson Male Quartet. The members of this quartet are Charles V. Price, 1st tenor; James A. Ferguson, 2nd tenor; Evan H. Lloyd, baritone; Charles Loomis, bass. Lewis E. Mason, accompanist. Miss Nellie Powell Lloyd, solo accompanist.

Program: Quartet: "Allah's Holiday," Katinka; "In Absence," Dudley Buck; "Tomorrow;" "Georgette;" A medley of old-time song hits reading to present day popular songs: "Since Pa Has Bought a Limousine;" "The Old Rugged Cross;" "Her Menu;" "Wondering;" "A Wet Sheet and a Flowing Sail," Kountz. Tenor solos: "Nothin;" "Heart of Mine;" "The Garden by the Sea;" "I Love the Sea." Bass solos: "The Clang of the Forge," etc. Tenor and bass duets: "Battle Eve," Brethauer; "I Waited for the Lord," Mendelssohn. Piano and violin selections.

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WJZ—360 Meters, Radio Corp., Westinghouse, Newark, N. J.

- 8:30 P. M. Amy Lowell, poetess, will read "Purple Grackles," "Apology," "A Tulip Garden;" "To Sinky," "Texas," "The Paper Windmill," "Four Sides to a House," which have won her considerable fame through the readings given before large audiences at Columbia University, University of Michigan, and numerous universities. Miss Lowell is the author of six volumes of poetry and two of criticisms. She is one of the best known of a group of poets who are responsible for the recent Poetic Renaissance. Miss Lowell's reading is an art in itself, a complement to her fearless, penetrating and original poetry.
- 8:45 P. M. "Etiquette," by Emily Post (Mrs. Price Post), author of "Etiquette of Society, in Business, in Politics and at Home;" "Purple and Fine Linen," etc. Mrs. Post will tell the radio audience how two people should be introduced, how a matrimonial engagement should be announced, and what you should wear at a wedding, and answer numerous other vexing questions.
- 9:00 P. M. Dance music by the Original Black and White Melody Boys, of Paterson, S. Dunkel, manager.

Program: ''Chicago,'' ''Early in the Morning Blues,''
''Send Back My Honeyman,'' ''Blue,'' ''Struttin at
The Strutters Ball,'' ''Coal Black Mammy,'' ''Tomorrow,'' ''Why Should I Cry Over You,'' ''I'll Build

- a Stairway to Paradise," "Truly," "Homesick Blues," "My Mammy's Lovin' Arms."
- 9:30 P. M. Recital by Vaughn De Leath, the Original Radio Girl who presented a program of tuneful melodies and smart lyrics to WJZ'S audience several months ago.

KYW-460 Meters, Westinghouse, Chicago, Ill.

8:00 P.M. Program by Eva Ray, soprano and accompanist; Leonard J. Huber, baritone; Edward W. Schreiner, tenor; Madeline Pendleton, reader; Walter Tuchy, violinist; Ruth Martin, accompanist.

Program: (a) "Ave Maria," Schubert, (b) "O Solo Mio," Di Capua, Walter Tuchy; (a) "Love Is A Bubble," Allitsen, (b) "You'd Better Ask Me," Lohr, Ed. W. Schreiner; (a) "I Wish I Were a Tiny Bird," Lohr, (b) "Lifes Paradise," Brown, Eva Ray; (a) "Who Is Sylvia," Schubert. (b) "If You Would Love Me," MacDermid, Leonard J. Huber; "At The Cafeteria," E. Richardson Smith, Madeline Pendleton; "Ave Maria," Gounod, Ed. W. Schreiner, (Obligato by W. Tuchy); "Nearest and Dearest," Caracciolo. Eva Ray and Leonard J. Huber; "For You Alone," Geehl, Leonard J. Huber, (Obligato by W. Tuchy); "Night of Joy," Macy, Eva Ray and Mr. Schreiner; "Lullaby from Jocelyn," Eva Ray (Obligato by W. Tuchy); "Home Sweet Home," Bond, Madeline Pendleton; "Jesu Dei Vivi," Verdi, Eva Ray, Mr. Schreiner and Mr. Huber.



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Sunday, December, 10, 1922

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

11:00 A. M. Services of Emory Methodist Episcopal Church, North Highland Avenue at Rippey street, Pittsburgh, Pa. Rev. W. Wofford T. Duncan, Minister.

2:45 P. M. Children's Bible Story, by Rev. W. A. Logan, Pastor, Alpha Lutheran Church, Turtle

Creek, Pa.

3:00 P. M. Special Musical Concert.

4:45 P. M. Vesper Services of the Shadyside Presbyterian Church, Amberson avenue. near Fifth avenue, Pittsburgh, Pa. Dr. Hugh Thomson Kerr, Pastor.

7:30 P. M. Services of Point Breeze Presbyterian Church, Fifth and Penn avenues, Pittsburgh, Pa. Dr. P. H. Barker, Pastor. Carnegie Tech Glee Club of fifty voices will furnish the music.

WJZ—360 Meters, Radio Corp., Westinghouse, Newark, N. J.

10:30 A. M. Musical Concert.

11:00 A. M. & Morning Prayer and Sermon' services at Saint Thomas' Church, Fifth avenue and Fifty-third street, New York City. Rev. Ernest M. Stires, D. D., Rector, and Rev. Floyd S. Leach, Ph.D., assistant, officiating. T. Tertius Noble, M. A., organist, will direct the choir of sixty voices. Nine microphones are used to broadcast this service every Sunday morning.

3:00 P. M. City Symphony Concert at the Manhattan Opera House will be conveyed to WJZ by a special Western Union Wire. The City Symphony Orchestra, composed of 83 players selected for their musical talent and symphonic experience, under the baton of Dirk Foch, is maintained by the Musical Society of the City of New York. Young soloists of real talent will be heard at each performance of a series of concerts. The arrangements for broadcasting these concerts were made with the assistance of Popular Radio.

6:30 P. M. "Readings and Records from the Bubble Books that Sing," by Ralph Mayhew, Harper

& Bros.

7:00 P. M. A Talk on Books of Adventure as Gifts. How to Plan your Christmas Book List, by the Juvenile Editor of the Macmillan Co.

7:30 P.M. "Child Welfare," by Judge George V. Appell, of the Court of Special Sessions, Mt. Vernon.

7:45 P. M. Book Review, "All In a Lifetime," Henry Morgenthau, Doubleday, Page & Co.

8:00 P. M. Concert by the well known Sittig Trio, consisting of Frederick V. Sittig, pianist, his daughter, Margaret Sittig, violinist, and his son, Edgar H. Sittig, cellist.

The violinist of the trio, Margaret Sittig, pupil of Leopold Auer, was soloist with the Philadelphia Orchestra under Stokowski in Philadelphia last year, when she won instantaneous success in the Vieuxtemps D. Minor concerto, and she was declared the successor to Maud

Powell after playing the Bruch concerto in Aeolian Hall, New York City. The Sittigs are great favorites in Europe and America, and their recitals are looked forward to by all lovers of the best music.

Program: Trio: ''Agnus Dei,'' Bizet; violin: ''Songs My Mother Sang,'' 'From the Canebrake,' Vienness Song,' Kreisler; ''Cello Tarentalle,'' Squire; Trio: ''Valse Triste,'' Sibelius; ''Serenade,'' Arcnsky; Violin: ''Concerto (First Movement),'' Mendelssohm; cello: ''Melody in F,'' Rubinstein; ''Autumn and Winter,'' Glazounow.

9:40 P. M. Recital by Gertrude Rennyson, the famous American soprano, who has an enviable international career in grand opera and concert. She is a graduate of the New England Conservatory of Music and studied under many notable professors in Paris. Miss Rennyson was engaged for leading soprona at the Theatre Royal de la Monnaie in Brussels, and sang at the Royal Operas in Vienna, Dresden, Prague and Convent Garden, London. At Bayreuth, the home of Richard Wagner, she sang for two seasons, having been the only American to sing the role of Elsa in Lohengrin, with the exception of Mme. Nordica.

9:55 P. M. Arlington Time Signals, Weather Forecast.

10:01 P.M. Recital by Clara Brookhurst, contralto.

10:15 P. M. Concert by Felian Garzia, pianist.

KYW-360 Meters, Westinghouse, Chicago, Ill. 3:30 P. M. Radio Chapel.

SUNDAY BROADCASTING SCHEDULE

Time given is Eastern Standard (Arlington) Time

9:00 A. M. Church, WBS, D. W. May, Inc., Newark N. J. Music, WHAF, Radio Electric Co., Pittsburgh, Pa.

10:00 A. M. Chimes, WOC, (400 meters) Palmer School of Chiropractic, Davenport, Iowa.

10:30 A. M. Church—WDM, Church of the Covenant, Washington, D. C. WGY (400 meters) G. E. Co., Schenectady, N. Y. Music, WJZ, Westinghouse Elec. & Mfg. Co., Newark, N. J.

10:45 A. M. Church—WJP, St. Joseph's College, Philadelphia, Pa. Church—KDKA, Westinghouse Elec. & Mfg. Co., East Pittsburgh, Pa.

11:00 A. M. Church — WGAM, Orangeburg Radio Equip. Co., S. C. WHAB, Clark W. Thompson Co., Galveston,

exas.

WHAJ, Daily Telegraph, Bluefield, W. Va. WKAZ, Laudan's Music Co., Wilkesbarre, Pa. WLAO, Anthracite Radio Shop, Scranton, Pa. WNAC, Shepard Stores, Boston, Mass. WOK, Arkansas Light & Power Co., Pine

WOK, Arkansas Light & Power Co., Pine Bluff, Ark.

BLW, T & H Radio Co., Anthony, Kansas. WCAH, Entrekia Elec. Co., Columbus, Ohio. Music—Lecture WIAF, Nola Radio Co., New Orleans, La.

11:30 A. M. Church—WGAX, Radio Elec. Co., Washington Court House, Ohio.

WGAY, North Western Radio Co., Madison, Wisc.

WRK, Doron Bros. Elec. Co., Hamilton, Ohio.

- 11:45 A. M. Church—WEAB, Standard Radio Equip. Co., Fort Dodge, Iowa. WHAA, State University of Iowa, Iowa City. WSB, (400 meters) Atlanta Journal, Atlanta, Ga.
- 11:55 A. M. Time Signals—WJZ, Westinghouse Elec. & Mfg., Company, Newark, N. J.
- M. Church—WEAD, North Western Radio Supply Co., Atwood, Kansas.
 WFAD, Watson Weldon Motor Supply Co., Salina, Kansas.
 WFAY, Daniels Radio Supply Co., Independence, Kansas.
 WIAR, J. A. Rudy & Sons, Paducah, Ky.
- 12:00 M. Church—WJAD, Jackson's Radio Eng.
 Lab. Waco, Texas.
 WGAQ, Glenwood Radio Corp. Shreveport, La.
 WLW, Crosley Mfg. Co., Cincinnati, Ohio.
 WRR, City of Dallas, Dallas, Texas.
 Pipe Organ Music—WJAP, Kelley Duluth Co.,
 Duluth, Minn.
 Music—WJZ, Westinghouse Elec. & Mfg. Co.,
 Newark, N. J.
- 12:15 P. M. Church—WSX, Erie Radio Co., Erie, Pa.
 1:00 P. M Church—KDZH, The Herald-Burford Co., Fresno, California.
 WBS, D. W. May Inc., Newark, N. J.
- 1:20 P. M. Church—WJAP, Kelley-Duluth Co., Duluth, Minn.
- 2:00 P. M. Church KTW, First Presbyterian Church, Seattle, Washington. KDZI, Electric Supply Co., Wenatchee, Wash.
- 2:30 P. M. Sacred Music, Sermon—KJS, Bible Inst. of Los Angeles, Los Angeles, California.
- 2:45 P. M. Children's Bible Story—KDKA, Westinghouse Elec. & Mfg Co., East Pittsburgh, Pa.
- 3:00 P. M. Church—WGAL, Lancaster Elec. Supply & Construction Co., Lancaster, Pa. WJAK, White Radio Lab., Stockdale, Ohio. WJZ, Westinghouse Elec. & Mfg. Co., Newark, N. J. Music—KDKA, Westinghouse Elec. & Mfg. Co., East Pittsburgh, Pa.
 - Lecture—WDM, Church of the Covenant, Washington, D. C.
- 3:30 P. M. Church—WHAL, Jefferys & Derby, Lansing, Mich.
 WIAX, Capital Radio Co., Lincoln, Nebr.
 Music—WIAE, Zimmerman Radio Co., Vinton, Iowa.
 Music, News—WMAH, General Supply Co.,
- Lincoln, Nebr.
 3:40 P. M. Children's Books—WJZ, Westinghouse
 Elec. & Mfg. Company, Newark, N. J.
- 4:00 P. M. Church—WFI, (400 meters), Strawbridge & Clothier, Philadelphia, Pa. WGAT, American Legion, Lincoln, Nebr. WLAJ, Waco Elec. Supply Co., Waco, Texas. Sacred Music—WEAD, N. W. Kansas Radio Supply Co., Atwood, Kansas. Concert—WGI, American Radio & Research Radio Corp., Medford Hillside, Mass.
- 4:30 P. M. Church—WGY, General Elec. Co., Schenectady, N. Y.

- KYW, (400 meters), Westinghouse Elec. & Mfg. Co., Chicago, Ill.
 Music—WJAD, Jackson's Radio Eng. Co., Waco, Texas.
 WKY, Oklahoma Radio Shop, Oklahoma City, Oklahoma.
 WAAH, Commonwealth Elec. Co., St. Paul.
- Minn. 4:45 P. M. Vesper Service—KDKA, Westinghouse Elec. & Mfg. Company, East Pittsburgh, Pa.
- 5:00 P. M. Church—WKAA, H. F. Paar, Cedar Rapids, Iowa.
 KDYX, Star-Bulletin, Honolulu, Hawaii.
 WBL, T. & H. Radio Co., Anthony, Kansas (360 meters).
 Concert—KWG, Portable Wireless Tel. Co., Stockton, California.
 Concert and Talk, KSL—The Emporium, San Francisco, California.
- 5:30 P. M. Church—WLAG, Cutting & Wash. Radio Shop, Minneapolis, Minn.
- 6:00 P. M. Church—WGF, Register & Tribune, Des Moines, Iowa. WSB, (400 Meters), Atlanta Journal, Atlanta. Ga. KDYS, Great Falls Tribune, Great Falls, Montana. KTW, First Presbyterian Church, Seattle. Washington. Concert—KLB, J. J. Dunn Co., Pasadena, California.
- 6:30 P. M. Church—WNAC, Shepard Stores, Boston, Mass. Reports—WGI, Radio & Research Corp. Medford Hillside, Mass. Readings and Records, "Bubble Books That Sing." WJZ, Westinghouse Elec. & Mfg. Co., Newark, N. J.
- 7:00 P. M. Church—WAAF, Jersey Review, Jersey City, N. J. Adventure Stories—WJZ, Westinghouse Elec. & Mfg., Co., Newark, N. J. Sports—WJAD, Jackson's Radio Eng. Lab., Waco, Texas. Music—WOAI, Southern Equip. Co., San Antonio, Texas.
- 7:30 P. M. Church—KDKA, Westinghouse Elec. & Mfg. Co., East Pittsburgh, Pa. WBT, Southern Radio Corp. Charlotte, N. C. WEAD, N. W. Kansas Radio Supply Co., Atwood, Kansas. WGI, American Radio & Research Corp. Medford Hillside, Mass. WJK, Service Radio Equip. Co., Toledo, Ohio. WCAW, Quincy Elec. Supply Co., Quincy Herald, Quincy, Illinois. Music—WEAB, Standard Radio Equip. Co., Fort Dodge, Iowa.
- 7:45 P. M. Church—WJT, Elec. Equip. Co. Erie, Pa. WPJ, St. Joseph's College, Philadelphia, Pa. Talk—WJZ, Westinghouse Elec. & Mfg. Co., Newark, N. J.
- 8:00 P. M. Church—WKAZ, Landan's Music Co., Wilkesbarre, Pa. WOK, Ark. Light & Power Co., Pine Bluff, Ark.

WBZ, Westinghouse Elec. & Mfg. Co., Springfield, Mass.

Book Review—WJZ, Westinghouse Elec. & Mfg. Co., Newark, N. J.

Music—KMG, San Joaquin Lt. & Pr. Corp.

Concert—WJZ, Westinghouse Elec. & Mfg. Co., Newark, N. J.

WOQ, Western Radio Co., Kansas City, Mo. Police News, Church—WRR, City of Dallas, Dallas, Texas.

8:30 P. M. Church—WDM, Church of the Covenant, Washington, D. C.

Washington, D. C. WGAQ, Glenwood Radio Corp. Shreveport, La. WSB, (400 Meters), Atlanta Journal, Atlanta, Ga.

Music—WEAB, Standard Radio Equip. Co., Fort Dodge, Iowa.

Concert—WGS, American Radio Research Corp., Medford Hillside, Mass.

9:00 P. M. Church—WSY, Alabama Power Co. Birmingham, Ala.

Concert—WFAD, Watson Weldon Motor Supply Co., Salina, Kans.
WHB Sweeney Auto & Treator School Ken.

WHB, Sweeney Auto & Tractor School, Kansas City, Mo. (400 Meters).

Music, Talks, Sermon—WCAC, John Fink

- Jewelry Co., Fort Smith, Ark.
 9:05 P. M. Talk and Music—WJZ, Westinghouse
 Elec. & Mfg. Company, Newark, N. J.
- 9:10 P. M. Church—WEY, Wichita Beacon, Kans 9:30 P. M. Music, Concert—WCAL, St. Olaf College, Northfield, Minn.

Reading—WJZ, Westinghouse Elec. & Mfg. Co., Newark, N. J.

- 9:45 P. M. Music—WJAD, Jackson's Radio Eng. Lab., Waco, Texas.
- 9:55 P. M. Time Signals—WJZ, Westinghouse Elec. & Mfg. Co., Newark, N. J
- 10:00 P. M. Church—KGW, Ship Owners Radio Service Inc., (Daily Oregonian). KTW, First Presbyterian Church, Seattle, Washington. Concert, Lecture, KDYX, (360 Meters), Star-Bulletin, Honolulu, Hawaii.
- 10:00 P. M. Music—WJZ, Westinghouse Elec. & Mfg. Co., Newark, N. J.
 Time, Weather, Music—WGAM, Orangeburg Radio Equip. Co. Orangeburg, S. C.
- 11:00 P. M. Music, Entertainment—KDZK, Nevada Mach. & Elec. Co., Reno, Nev. Concert—KLB, J. J. Dunn Co., Pasadena, California.
- 11:30 P. M. News, concert, bedtime story—KDY, St. Martin's College, Lacey, Wash.
- 11:45 P. M. Church—KFAT, Pacific Radio Co., Eugene, Oregon.

NOTE—All stations listed above broadcast on 360 meters unless otherwise indicated.

16. Paid. East Pittsburgh, P Permit No. 102.

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