## Post-Dispatch Radio Broadcasting Station K S D

## Daylight Schedule:

546 Meters 550 Kilocycles

Central Standard Time (No Daylight Saving in St. Louis)

At 9:40, 10:40, 11:40, 12:40, 1:40, 2:40 and 4:00.

Broadcasting of the opening prices, midsession and closing quotations of the St. Louis grain market, live stock quotations supplied by Market News Service, U. S. Dept. of Agriculture; U. S. Dept. of Agriculture; U. S. Dept. of Service, U. S. Dept. of Agriculture; U. S. Dept. of Agriculture; U. S. official weather reports and forecast and news bulletins.

# Evening Schedule: 546 Meters

Sunday—9:00 P. M. Monday—6:45 and 9:00 P. M. Tuesday—Silent. Wednesday—6:45. 9:00 and

Wednesday — 6:45, 9:00 and 11:00 P. M.
Thursday — Silent.

Friday—S:00 P. M.
Saturday—7:00 P. M.
(Subject to amendment for special, unusual features.)

Details announced daily in the St. Louis Post-Dispatch.

General Program for the week printed in the Sunday Post-Dispatch, also in the Saturday Radio Guide.

Revised Sept. 15, 1924.

# THE ST.LOUIS POST-DISPATCH

HEARD, IN ONE NIGHT, IN ALL 48 STATES
OF THE UNION AND BY SHIPS ON THE
ATLANTIC AND PACIFIC OCEANS



## EQUIPMENT OF K S D

Broadcasting Station Operated by the St. Louis POST-DISPATCH

546 meters: 550 kilocycles

Electric energy—antenna output500 watts
Radiation amperes
Power plant: two sets of generators for both high and
low voltage.
Height of antenna towers100 feet
Height of towers above street level225 feet
Antenna: length feet
Construction: now six wires, spaced three feet apart;
each wire of six strand phosphor bronze.

## Hours of Operation:

Central Standard Time

## At 9:40, 10:40, 11:40, 12:40, 1:40, 2:40 and 4:00 P. M.

Broadcasting of the opening prices, midsession and closing quotations of the St. Louis grain market, live stock quotations supplied by Market News Service, U. S. Dept. of Agriculture; Liverpool and New York cotton market; New York stocks, bonds and money market; poultry and butter market; metals market; fruits and vegetables; U. S. official weather reports and forecast and news bulletins.

### 8 P. M.

(Except Friday and Sunday)

Special programs of music from theaters and K S D studio, short addresses and other features. Details announced daily in the St. Louis Post-Dispatch.

## Midnight Programs: Wednesdays.

# General Program for the week printed in the Sunday Post-Dispatch

Revised April, 1924.

## THE STORY OF K S D

(Written in April, 1924)

With the advent of 1924, Radio Station KSD, the St. Louis Post-Dispatch, approached the beginning of its third year of activity in the broadcasting field. In the time which has elapsed since KSD obtained the first "Class B" license issued in the United States it has kept in step with the progress of radio transmission and has given service, entertainment, amusement and instruction to an uncounted multitude of hearers in the United States, Canada, Mexico, Central and South America and on the Atlantic and Pacific oceans. The voice of KSD has been heard also in England and Scotland, not only in the international tests made in the closing week of 1923, but at other times.

The fundamental idea in the establishment of Station KSD was public service—to give the best in broadcasting that could be provided. And here should be recorded an expression of sincere thanks to the host of vocalists, instrumentalists, speakers and entertainers who, in the spirit of community service, have so generously contributed their time and talents in providing the varied programs broadcast by this station.

It can be said of KSD that it has been unceasing and untiring in the giving of service. Some who listen to its concerts at night may know nothing of its daylight activities, but many thousands of others in the great Middle West know that the station in the daylight hours is no less busy than at night and that it broadcasts seven times daily, market reports of great value to farmers, millers and merchants throughout the Mississippi Valley.

Although KSD is equipped with the standard transmission instruments used by most other broadcasting stations, its installation, including aerial and ground, appear to have given it unusual range. It has been heard in every Canadian province, in remote parts of Alaska and on the Aleutian Islands, 4008 miles northwest of St. Louis; all over Mexico and Central America and the West Indies and a point in the Pacific Ocean, 2000 miles off the coast of Peru, 840 miles below the equator and 3744 miles south of St. Louis.

In the last year there have been some notable achievements in daylight broadcasting and in the transmission of special features apart from the regular programs. An event of real historical importance was the successful broadcasting of President Coolidge's message to Congress, delivered by him in the Capitol at Washington, December 6, 1923, at the hour of noon.

The President's words were carried by telephone wires from the Capitol to the KSD transmitting station on the roof of the Post-Dispatch building and from there sent out on the air by radio. Letters received by the Post-Dispatch showed that this broadcasting of the President's entire message was heard by radio listeners in many states. This was the first time the voice of a President addressing Congress had ever been put on the air.

On the night of June 21, 1923, President Harding, starting on that fateful journey from which he was destined never to return, delivered his now famous speech in the St. Louis Coliseum on the World Court. This speech in its entirety was broadcast by Station KSD—the first time radio had ever been used to transmit a President's address to the people on a great public question. Though this speech was made less than an hour after sunset on the longest day in the year it was heard by KSD listeners in 28 states.

The speech of Lloyd George in St. Louis, October 19, 1923, was also broadcast by KSD and it was from this station that Gen. Pershing and Former Vice-President Marshall made their first radio addresses.

In keeping with its priority as the first licensed 400 meter station, KSD has blazed a trail for other stations to follow and has inaugurated broadcasting customs which have become general. This station, for instance, was the first to give the hour and minute when signing off. It was the first station to give midnight concerts and the first to broadcast modern dramas and comedies direct from the theaters during regular performances.

The inauguration of the midnight concert by KSD, September 12, 1922, was a revelation of the range possibilities of radio transmission under those favorable atmospheric conditions which prevail in the early morning hours. The result of this broadcasting was astonishing. It was heard in every state in the Union, in Canada and on the Pacific and Atlantic oceans. So far as investigation shows this was the first time and, in all likelihood, the only time a broadcasting station was ever heard over so wide an area in a single night.

The quality of the entertainment provided through the regular programs and on special occasions has been unsurpassed in the radio field. The "log" of Station KSD reads like a list of most of the notable attractions, celebrities and personalities that have passed in review in the last two years.

St. Louis is proud of its Municipal Opera, staged each season in the open air theater in Forest Park on a scale of magnificence, the like of which is not to be found elsewhere in the United States. For two seasons KSD has been broadcasting these operatic performances in their entirety and sending the beautiful music and sprightly dialogue into thousands of homes scattered over a large area.

This alone is an entertainment feature in which any broadcasting station might we'll take pride and which thus far no other station has equaled. Even the delights of grand opera have been available to KSD listeners, many of whom will never forget the pleasure they derived from the broadcasting of the San Carlo Opera Company's performance of Aida, Martha, Rigoletto, La Forza del Destino and Cavalleria Rusticana from the Odeon in St. Louis.

The big musical event of each fall and winter season in St. Louis is the series of concerts given by the Symphony Orchestra. The broadcasting of all of these concerts in the last two seasons by KSD has carried music of the highest quality into remote places which it never could have reached except through the magic of radio. The cultural value of this one KSD feature is beyond computation. Soloists who have appeared with the Symphony Orchestra and have been broadcast by KSD are Marguerite Namara, Maria Ivogun and Helen Traubel, sopranos; Carolina Lazzari, contralto; Paul Althouse, tenor; Olga Samaroff, Alfred Cortot, Ethel Leginska, Ignaz Friedman, Marie Kryl, Rudolph Ganz and Ossip Gabrilowitsch, pianists; Joseph Schwartz, baritone; Jacques Thibaud, Michel Gusikoff and Francis Macmillen, violinists; and H. Max Steindel, violoncellist. Other noted musicians broadcast from St. Louis theaters were Sascha Jacobsen, violinist, and Alfred G. Robyn, organist.

For the last two years Station KSD has broadcast a religious service of great solemnity and musical beauty, the Christmas midnight mass at the Old Cathedral in St. Louis. The Cathedral, more than 100 years old, has musical as well as religious traditions. Its choir is a noted organization of trained singers, especially skilled in the interpretation of ecclesiastical music. KSD also has broadcast the oratorios, "The Creation" and "The Messiah" from Christ Church Cathedral, and the cantatas, "The Crucifixion" and "The Story of Christmas," from the Westminster Presbyterian Church. The Good Friday "Tre Ore" service, broadcast from St. Francis Xavier's Church, appealed to many as a wonderful piece of daylight broadcasting.

The famous Sistine Choir from Rome was broadcast by KSD for the first and only time, on its American tour.

In broadcasting plays direct from the theater Station KSD has led the way. Among the dramas and comedies put on the air by this station have been "The Fortune Hunter," "Cornered," "The Broken Wing," "Why Men Leave Home," "Dulcy" and "To the Ladies."

Glee clubs of Harvard, Yale, Cornell, Washington University, St. Louis University, Westminster and McKendree colleges and the Ursuline Convent have been broadcast by KSD as have also complete programs by the Pageant Choral Society, the Apollo Club, Knights of Columbus Choral Club and the Welsh Eistedfodd.

This station at various times has broadcast proceedings and banquets of prominent conventions, a notable case in point being the Rotary International convention when the speeches of delegates from eight foreign countries were put on the air.

An annual event of the fall festivity season is the broadcasting of the music of the Veiled Prophet's parade and ball. Another feature is the monthly Saturday afternoon broadcasting of a concert by talented children in a program of music, song and recitations. In the lines of general service KSD transmits news bulletins of important happenings and sends out information of sporting topics, such as play-by-play accounts of important football final games and world series baseball games and details of other events of interest in the world of sport.

This station had a prominent part in the international tests for radio communication with England in the final week of 1923. It was among the few stations to which special nights were assigned for an effort to reach England and it takes pride in the fact that it was officially notified that "KSD was heard clearly all over England and Scotland."

As an instance of the busy activity of KSD it is interesting to note that in the period between June 26, 1922 and August 21, 1923, the number of individuals taking part in its studio programs was 2667. In these studio programs were 223 vocal soloists, 232 pianists, 40 orchestras, 18 different bands and 178 speakers, many of international prominence.

Broadcasting direct from theater or concert hall, instead of from studio, is the present tendency in radio. It is interesting to note that KSD, in the sixteen weeks from September 1, 1923, to December 1, made eighty such broadcasts.

One final word about the utility of the daylight broadcasting of market news. In the Winter of 1922-23 the Department of Agriculture asked listeners everywhere to write the Department and report as to the value of radio service. Although these queries were sent out by stations from the Atlantic to the Pacific, it is a matter of record that 60 per cent. of the mail received in Washington came from KSD listeners. The great agricultural and livestock regions of the Mississippi Valley were early to recognize the value of radio, and receiving sets of the finest type are there to be found in thousands of farm homes, ranches, mills, country banks and shipping centers.



How the radio towers of K S D, on the roof of the Post-Dispatch Building, dominate the skyline of St. Louis. These towers are 100 feet high (to tip of wooden mast) and 14 feet square at the base. The four legs go through the roof of the building to be anchored upon the steel framework of the structure itself. A powerful winch at the base of each tower makes it possible to stretch the phosphor-bronze aerial as tight as a violin string.

## RADIO STATIONS

(Figures after call letters indicate wave lengh in meters).

#### UNITED STATES

- KDKA-326 Pittsburg, Pa. Westinghouse Electric.
- KDPM-270 Cleveland, O. Westinghouse Co.
- KDPT-244 San Diego, Cal. So. Electric Co.
- KDYL-360 Salt Lake City, Utah, Telegram Pub. Co.
- KDYM-280 San Diego, Cal. Savoy Theater.
- KDYQ-360 Portland, Ore. Ore. Inst. of Technology.
- KDYW-360 Phoenix, Ariz. Smith, Hughes & Co.
- KDZB-2 4 0 Bakersfield. Cal. F. E. Seifert.
- KDZE-270 Seattle, Wash. Rhodes Department Store.
- KDZF-278 Los Angeles, Cal. So. Cal. Auto Club.
- KDZI-360 Wenatchee, Wash. Electric Supply Co.
- KDZQ-360 Denver, Colo. Nichols Academy of Music.
- Bellingham, KDZR-261 Wash, Bellingham, Pub. Co.
- KDZU-360 Denver, Colo. Colo. Western Radio Corp.
- KDZV-360 Salt Lake. Utah., Cope and Cornwell Co.
- KEB-360 San Francisco. Cal. Marine Exchange.
- KEIL-2 3 4 Louisburg, Kan. Windisch Elect. Farm Equip. Co.
- KFAD-360 Phoenix, Ariz. McArthur Bros. Co.
- KFAE-330 State College of Washington. Pullman, Wash.
- KFAF-360 Denver, Colo. Western Radio Corporation.
- KFAJ-360 Boulder, Colo. University of Colorado.

- Electric Shop
- KFAR-280 Holly wood, Cal. O. K. Olesen.
- KFAU-270 Boise, Idaho. High School.
- KFAW—280 Santa Anna, Cal. Radio Den.
- KFAY-283 Medford, Ore. Virgin Radio Service.
- KFBB-360 Havre, Mont. F. A. Buttrey & Co.
- KFBC-278 San Diego. Cal. W. K. Azbill.
- KFBE-242 San Luis Obispo, Cal. R. H. Hern.
- KFBG-360 Tacoma, Wash. First Presbyterian Church.
- KFBK-283 Sacramento. Cal. Kimball-Upson Co.
- KFBL-224 Everett, Wash. Leese Bros.
- KFBS-360 Trinidad. Colo. Chronicle News.
- KFBU-283 Laramie, Wyo. The Cathedral.
- KFCB-238 Phoenix, Ariz. Nielsen Radio Supply Co.
- KFCF-360 Walla, Walla, Wash. Frank O. Moore.
- KFCH-242 Billings, Mont. Elect. Service Station.
- KFCM-244 Richmond, Cal. Richmond
- Radio Shop. KFCP-360 Ogden, Utah. Ralph W. Flygare.
- KFCV-360 Houston, Tex. Fred Mahaffey Jr.
- KFCY-252 Western Union College, LeMars, Iowa.
- KFCZ-258 Omaha, Neb. Central High School.
- KFDA-360 Baker, Ore. Adler's Music Store.
- KFDB-509 San Francisco. Cal. Mercantile Tr. Co.
- KFDD-252 Boise, idaho. St. Michael's Cathedral.

- KFAN-360 Moscow, Idaho, KFDH-268 Tucson, Ariz. University of Arizona.
  - KFDJ-360 Corvallis, Ore. Oregon State College.
  - KFDO-248 Bozeman. Mont. E. H. Cutting.
  - KFDP-278 Des Moines, Ia. Hawkeye R. and S. Co.
  - KFDR-360 York, Neb. Bulocks Hardware a n d Sporting Goods.
  - KFDS-360 San Francisco, Cal. John McKee.
  - KFDV-360 Fayetteville, Gilbrech & Ark. Stinson.
  - KFDX-360 Shreveport, La. First Baptist Church.
  - KFDY-360 Brookings, S. D. S. D. State College.
  - KFDZ-231 Minneapolis, Minn. Harry O. Iverson.
  - KFEC-360 Portland, Ore. Meier & Frank Co.
  - KFEJ-360 Tacoma, Wash. T. Radio News Service.
  - KFEL-360 Denver, 'Colo. Winner Radio Cor.
  - KFEQ-360 Oak, Neb. J. L. Scroggin.
  - KFER-231 Fort Dodge, Ia. Auto Elect. Service Co.
  - KFEV-263 Casper, Wyo. Radio Elect. Shop.
  - KFEX-261 Minneapolis, Minn. Augsburg Sem.
  - KFEY-360 Kellogg, Idaho. Bunker Hill & Sull. Mining Co.
  - KFEZ-248 St. Louis, Mo. Am. Soc. of Mech. Engineers.
  - KFFA-242 San Diego, Cal. Dr. R. C. Shelton.
  - KFFB-240 Boise, Idaho. Jenkins Furniture Co.
  - KFFE-360 Pendleton, Ore. East Orange Radio Co.
  - KFFO-229 Hillsboro, Ore. Dr. E. H. Smith.

- KFFP-266 First Baptist Church, Moberly, Mo.
- 360 Colo. Sprs., Colo. Marksheffel KFFQ-360 Motor Co.
- KFFR-226 Sparks, Nev. Jim Kirk.
- KFFV-360 Lamont, Iowa. Graceland, College.
- KFFX-273 Omaha, Neb. McGraw Co.
- KFFY-275 Alexandria, La. Pincus & Murphy.
- KFFZ-226 Dallas, Tex. Barnes Amusement Co.
- KFGC-254 Baton Rouge. La. State University.
- KFGD-2 4 8 Chickasha. Ok., Radio & Elec. Co.
- KFGH-360 Stanford University, Cal.
- KFGL-234 Arlington, Ore. Snell & Irby.
- KFGQ-226 Boone, Iowa. Crary Hdw. Co.
- KFGV-224 Utica, Neb. Heidrecher Radio Supply Co.
- EFGX-250 Orange, Tex. First Presbyterion Church.
- KFGZ-268 Berrien Sprs., Mich. Emmanuel Missionary College.
- KFHA-252 Western State College, Gunnison, Colorado.
- KFHB-280 Hood River, Ore. P. L. Boardwell.
- KFHD-226 St. Joe, Mo. Utz Elect. Co.
- KFHF-2 6 6 Shreveport, La. Central Christian Church.
- KFHH-261 Neah Bay, Wash. Ambrose McCue.
- KFHJ-360 Santa Barbara, Cal. Fallon Co.
- KFHR-283 Seattle, Wash. Star Elec. Radio.
- KFHX-2 2 9 Hutchinson, Kan. R. W. Nelson.
- KFI-469 Los Angeles, Cal.
- Earl C. Anthony. KFID—246 Iola, Kan. Ross Arbuckle Garage.

- UNITED STATES-Cont'd. | KFIF-360 Portland, Ore. Benson Tech. Student Body.
  - KFIJ-236 Platte, S. D. \* Sidney I. Thoreau.
  - KFIO-252 Spokane, Wash. North Cent. High School.
  - KFIQ-242 Yakima, Wash. Yak. Val. Broadcasting Ass'n.
  - KFIX-240 Independence, Mo. Reorg. Ch. of Jesus Christ.
  - KFIZ-273 Fond du Lac, Wis. Daily Commonwealth.
  - KFJA—244 Grand Island, Neb. Cent. Power Co.
  - KFJC-270 Seattle, Wash. Post Intelligencer.
  - KFJF-252 Oklahoma City. Okla. Nat'l Radio Mfg. Co.
  - KFJI-252 Astoria, Ore. Liberty Theater.
  - KFJK-233 Bristow, Okla. Delano Radio & Elect. Co.
  - KFJL-278 Ottumwa. Ia. Hardsocg Mfg. Co.
  - KFJM-229 Grand Forks, N. D. Univ. of N. D.
  - KFJQ-280 Grand Forks. N. D. Division of Elec. Const. Co.
  - KFJR-2 5 8 Stevensville, Mont. A. C. Dixon & Son.
  - KFKA-248 Greeley, Colo. Colorado Teachers Col.
  - KFKB-286 Brinkley Jones Hospital, Milford, Kan.
  - KFKQ-224 Conway Radio Lab., Conway, Arkansas.
  - KFKV-283F. F. Gray. Butte. Montana.
  - KFKX-341 Westinghouse Elec. Co. Hastings. Neb.
  - KFKZ-234 Nasour Bros. Colo-Radio Co. rado Springs, Colo.
  - KFLA-283 Abner R. Wilson, Butte, Montana.
  - KFLB—248 Signal Electric Mfg. Co. Menominee, Mich.
  - KFLD-234 Paul E. Greenlaw, Franklinton, La.

- KFLE-268 Denver, Colo. Nat. Educational Service.
- KFLH-261 Erickson Radio Co. Salt Lake City, Utah.
- KFLP-240 Everett Foster, Cedar Rapids, Iowa.
- KFLQ-261 Bizzell Radio Shop, Little Rock, Ark.
- KFLR-254 University of New Mexico, Albuquerque, N. M.
- KFLU-236 Rio Grande Radio Supply House, San Benito, Tex.
- KFLV-229 Rev. A. T. Frykam, Rockford, Ill. .
- KFLW-234 Missoula Electric Supply Co. Missoula, Mont.
- KFLX-240 George R. Clough, Galveston, Tez.
- KFLY-231 Fargo Supply Co. Fargo, N. D.
- KFLZ-273 Atlantic Automobile Co. Atlantic, Iowa.
- KFMQ-263 University of Arkansas, Fayetteville, Ark.
- KFMR-261 Sioux City, Ia. Morningside College.
- KFMS-275 Freimuth Store, Duluth, Minn.
- KFMT-231 Dr. Geo. W. Young, Minneapolis, Minn.
- KFMU-240 Stevens Bros. San Marco, Tex.
- KFMW-266 M. G. Sateren, Houghton, Mich.
- KFMX-283 Carleton College, Northfield. Minn.
- KFMY-229 Boy Scouts of America. Long Beach, Cal.
- KFMZ-250 Roswell Broadcasting Club, Roswell, N. M.
- KFNC 234 Corsicana. Texas. Alonzo Monk, Jr.
- KFNF-266 Shenandoah. Iowa, Henry Field Seed Co.
- KFNG-254 Wooten's Radio Shop. Coldwater, Miss.

- UNITED STATES-Cont'd. | KFOX-248 Board of Edu-
- KFNH—236 Springfield, Mo. State Teachers' College.
- KFNJ—234 Warrensburg, Mo. Warrensburg Elec. Shop.
- KFNL—240 Paso Robles, Cal. Radio Broadcast Ass'n.
- KFNV—234 Santa Rosa, Cal. Drake Battery & Radio Co.
- KFNX—240 Peabody, Kansas, Peabody Radio Service.
- KFNY—261 Helena, Mont. Montana Phonograph Co.
- KFNZ—231 Royal Radio Co., Burlingame, Cal.
- KFOB—224 Glenwood Technical Assn., Minneapolis, Minn.
- KFOC—236 First Christian Church, Whittier, Cal.
- KFOD—224 Bern Peters, Wallace, Idaho.
- KFOF—240 Rohrer Elec. Co., Marshfield, Ore.
- KFOH—283 The Radio Bungalo, Portland, Ore.
- KFOJ—246 Moberly High School Radio Club, Moberly, Mo.
- KFOL 234 Leslie M. Schafbush, Marengo, Iowa.
- KFON—234 E c h o p h o ne Radio Shop, Long Beach, Cal.
- KFOO 261 Latter Day Saints' University, Salt Lake City, Utah.
- KFOP—268 Willson Construction Co., Dallas, Tex.
- KFOQ—240 Ora William Chancellor, Galveston, Tex.
- KFOR 226 David City Tire & Elec. Co.,
- David City, Neb.

  KFOT 231 College Hill
  Radio Club, Wichita, Kan.
- KFOU—254 Hommel Mfg. Co., Richmond, Cal.
- KFOV—234 Davis Electrical Corp., Sioux City, Iowa.

- KFOX—248 Board of Education, Technical High School, Omaha, Neb.
- KFOY—226 Beacon Radio Service, St. Paul, Minn.
- KFOZ—233 Leon Hudson Real Estate Co., Ft. Smith, Ark.
- KFPB 224 Edwin J. Brown, Seattle, Wash.
- KFPG—238 Garretson & Dennis, Los Angeles, Cal.
- KFPH—242 H. C. Mailander, Salt Lake City, Utah.
- KFPL—242 C. C. Baxter, Dublin, Tex.
- KFPM—242 The New Furniture Co., Greenville, Tex.
- KFPN—242 Missouri National Guard, Jefferson City, Mo.
- KFPP—236 G. & G. Radio & Electric Shop, Olympia, Wash.
- KFPQ—231 Clifford M. Esler, Denison, Tex.
- KFPR—231 Los Angeles Forestry Dept. Los Angeles, Cal.
- KFPS—242 Carter A. Ross, Casper, Wyo.
- KFPV—236 Heintz & Kohlmoos, Inc., San Francisco, Cal.
- KFPW—268 St. John's M. E. Church South, Carterville, Mo.
- KFZ—283 Spokane, Wash.

  Doerr Mitchell

  Elect. Co.
- KGA-250 Oakland, Cal. The Tribune.
- KGB—252 Tacoma, Wash. Tacoma Ledger.
- KGG-360 Portland, Ore. Hallock & Watson.
- KGN-360 Portland, Ore. N. W. Radio Mfg.
- KGO—312 General Electric Co. Oakland, Cal.
- KGW—492 Portland, Ore. Oregonian Pub. Co.
- KGY-258 Lacey, Wash. St. Martin's College.
- KHJ—395 Los Angeles, Cal. Times Mirror Co.
- KHQ—360 Seattle, Wash. Louis Wasmer.
- KJQ-273 Stockton, Cal. C. O. Gould.

- KJR—270 Seattle, Wash. Northwestern Radio Serv.
- KJS—360 Los Angeles, Cal. Bible Institute.
- KLN—261 Monterey, Cal. Monterey Electric Shop.
- KLS—360 Oakland, Cal. Warner Bros.
- KLX-509 Oakland, Cal.
- KLZ—360 Denver, Cold. Reynolds Radio Co.
- KMJ—248 San Joaquin Lt. & P. Co. Fresno, Cal.
- KMO—263 Tacoma, Wash. Love Electric Co.
- KNT—263 Aberdeen, Wash. Grays Harbor Radio Co.
- KNV—256 Los Angeles, Cal. Radio Supply Co.
- KNX—360 Los Angeles, Cal. Elec. Lighting Supply Co.
- KOB-360 State College of N. M.
- KOP—286 Detroit, Mich. Police Dept.
- KPK-469 Los Angeles, Cal. Examiner.
- KPO—423 San Francisco, Cal. Hale Bros.
- KQT—360 Yakima, Wash. Elect. Power Appliance.
- KQV—273 Pittsburg, Pa. Doubleday H i l l Electric Co.
- KQW—360 San Jose, Cal. Chas. D. Herrold.
- KRE—278 Berkeley, Cal. Daily Gazette.
- KSD—546 St. Louis Post-Dispatch.
- KSS—360 Long Beach, Cal. Prest & Dean.
- KTC—360 Seattle, Wash. No. Radio & Elect. Co.
- KTW—360 Seattle, Wash. First Presbyterian Church.
- KUO—360 San Francisco, Cal. Examiner.
- KUS—360 Los Angeles, Cal. City Dye Works.
- KUY-360 El Monte, Cal. Coast Radio Co.
- KWG—360 Stockton, Cal. Portable Wireless Teleg.
- KWH—360 Los Angeles, Cal. Examiner.

- KYT-360 San Diego, Cal. Thearle Music Co.
- KYW-536 Chicago, Ill. Westinghouse Elec. Mfg. Co.
- KZM-243 Oakland, Cal. Preston D. Allen.
- KZN-268 Salt Lake City, Utah. Deseret News.
- KZV-360 Wenatchee, Wash. Wenatchee B. & M. Co.
- WAAB-268 New Orleans, La. V. Jensen.
- WAAC-360 New Orleans, La. Tulane University.
- WAAD-360 Cincinnati, O. Ohio Mechanics Inst.
- WAAF-286 Chicago, Ill. Drovers Journal.
- WAAM-263 Newark, N. J. I. R. Nelson Co. WAAN-254 Columbia, Mo.
- Univ. of Missouri. WAAW-278 Omaha, Neb.
- Omaha Grain Exch.
- WABA-266 Lake Forest, University, Lake Forest, Ill.
- WABB-266 Harrisburg Sporting Goods Co., Harrisburg, Pa.
- WABD-283 Dayton, Ohio, Parker High School.
- WABE-283 Washington, D. C. Y. M. C. A.
- WABG—275 Jacksonville, Fla. Arnold Edwards Piano.
- **WABH—2** 4 0 Sandusky Ohio, Lake Shore Tire Co.
- WABI-240 Bangor, Me. Bangor Ry. & Elect. Co.
- WABL-283 Storrs, Conn. Conn. Agr. College.
- WABM-2 5 4 Saginaw. Mich. F. E. Doherty.
- La Crosse, WABN-234 Wis. Ott. Radio (Inc.).
- WABO-252 Rochester, N. Y. Lake Av. Bap. Church.
- WABP-266 R. F. Weinwig, Dover, Ohio.
- WABQ-2 6 1 Haverford College, Haverford, Pa.

- UNITED STATES-Cont'd. | WABR-270 Scott High | School, Toledo, Ohio.
  - WABS-244 Essex Mfg. Co. Newark, N. J.
  - WABT-Holliday-Hall, Radio Engineers, Washington, Pa.
  - WABU-226 Victor Talking Machine Co. Camden, N. J.
  - WABV-263 John H. De-Witt Jr. Nashville, Tenn.
  - WABW-234 College of Wooster, Wooster, Ohio.
  - WABX-270 Henry B. Joy. Mt. Clemens, Mich.
  - WABY-242 John Magaldi, Jr. Philadelphia, Pa.
  - WABZ-263 Coliseum Place Baptist Church. New Orleans, La.
  - WBAA—360 W. Lafayette Ind. Purdue University.
  - WBAD-360 Minneapolis. Sterling Minn. Elec. Co.
  - WBAH-417 The Dayton Co., Minneapolis, Minn.
  - WBAK-2 6 6 Harrisburg, Pa. State Police.
  - WBAN-244 Patterson, N. J. Wireless Phone Corp.
  - WBAO-360 Decatur. Ill. Milliken University.
  - WBAP-476 Fort Worth, Tele-Tex. Star gram.
  - WBAV-390 Columbus, O. Erner & Hopkins Co.
  - WBAX-360 Wilkes-Barre, Pa. John H. Stenger Jr.
  - WBAY-492 New York, N. Y. Am. Tel. and Tel. Co.
  - WBBA-240 Newark, Newark R. Lab.
  - WBBD-234 Reading, Pa. Barbey Battery Service.
  - WBBE-246 Alfred R. Marcy, Syracuse.
  - WBBF-270 Georgia School of Technology, Atlanta. Ga.
  - WBBP-246 Petoskey, Mich. Petoskev High School.

- WBBG-240 Irving Vermilya, Mattapoisset, Mass.
- WBBH-246 J. Irving Bell, Port Huron, Mich.
- WBBI-2 3 4 Indianapolis Radio Club, Indianapolis, Ind.
- WBBJ-258 West Palm Beach. Neel Elect. Co.
- WBBL-283 Grace Covenant Presbyterian Church, Richmond, Va.
- WBBM-226 Lincoln, Ill. Frank Atlass Produce Co.
- WBBN-275 Wilmington, N. C. A. B. Blake.
- WBBO-250 Rogers, Mich. Michigan Limestone & Chemical Co.
- WBBQ-252 Pawtucket, R. I. Frank Crook.
- WBBR-244 Rossville, N. Y. People's Pulpit Ass'n.
- WBBS-250 First Baptist Church, New Or-
- leans, La. WBBT - 234 Philadelphia, Pa. Lloyd Bros.
- WBBU-224 Monmouth, Ill. Jenks Motor Co.
- WBBV 248 Johnstown, Pa. Johnstown Radio Co.
- WBBW-222 Ruffner Junior High School, Norfolk, Va.
- WBBY 268 Washington Light Inf., 118th Inf., Charleston, S. C.
- WBEZ-227 Noble B. Watson, Indianapolis, Ind.
- WBL-261 Anthony, Kan. T. & H. Radio Co.
- WBS-360 Newark, N. J. D. W. May.
- WBT-375 Charlotte, N. C. So. Radio Corp.
- WBZ-337 Springfield. Mass. Westinghouse Electric Mfg. Co.
- WCAD-280 Canton, N. Y. St. Lawrence Univ.
- WCAE-462 Pittsburg, Pa. Kaufman & Baer.
- WCAG-268 New Orleans. La. Daily States.
- WCAH-286 Columbus, O. Entrekin Elec. Co.

- WCAI-385 San Antonio Tex. So. Equip. Co.
- WCAJ-360 University Pl., Neb. Neb. Wesl. Univ.
- WCAK-263 Houston, Tex. Alfred R. Daniel.
- WCAL-3 6 0 Northfield, Minn. St. Olaf College.
- WCAM-360 Villanova, Pa. Villanova College.
- WCAO-360 Baltimore, Md. Sanders & Stayman Co.
- WCAP—4 6 9 Washington, D. C. Ches. & Pot. Tel. Co.
- WCAR-360 San Antonio, Tex. Alamo Radio Elec. Co.
- WCAS-2 4 6 Minneapolis. Minn. W. H. Dunwoody.
- WCAT-240 Rapid City, S. D. School of Mines.
- WCAU-286 Philadelphia, Pa. Durham & Co.
- WCAV-360 Little Rock. Ark. J. C. Dice Elect. Co.
- WCAX-3 6 0 Burlington. Vt. Univ. of Vt.
- WCAY-2 6 1 Milwaukee. Kessellman-O'Driscoll.
- WCAB-280 Allentown, Pa. Chas. W. Heimbach.
- WCBC-280 University of Michigan, Ann Arbor, Mich.
- WCBD—345 Zion, Illinois. Wilbur G. Voliva.
- WCBE-263 Uhalt Radio Co., New Orleans. La.
- WCBF-236 Paul J. Miller, Pittsburg, Pa.
- WCBG 236 Howard Williams, Pascagoula, Miss. (Portable).
- WCBH-242 University of Mississippi, near Oxford, Miss.
- WCBI 226 Nicoll, Duncan & Rush, Bemis, Tenn.
- WCBJ-244 J. C. Maus, Jennings, La.
- WCBK 266 E. Richard Hall, St. Petersburg. Fla.

- dio Mfg. Co., Houlton, Me.
- WCBM-229 Charles Swarz, Baltimore, Md.
- WCBN-266 James P. Boland, Ft. Benjamin Harrison, Ind.
- WCBO-250 The Radio Shop, Inc., Memphis, Tenn.
- WCBQ-236 First Baptist Church, Nashville, Tenn.
- WCBR-246 C. H. Meester, Providence, R. I. (portable station.)
- WCBT-238 Clark University, Collegiate Dept., Worcester, Mass.
- WCBU-254 Arnold Wireless Supply Co., Arnold, Pa.
- WCBV-252 Tulla homa Radio Club. Tullahoma, Tenn.
- WCK-360 St. Louis, Mo. Stix, Baer & Fuller.
- WCM-360 Austin, Texas. Univ. of Texas.
- WCN-3 6 0 Worcester. Mass. Clark Univ.
- WCX-517 Detroit, Mich.
- Free Press. WDAE—360 Tampa, Daily Times.
- WDAF—411 Kansas City, Mo. Kansas City Star.
- WDAG-263 Amarillo, Tex. J. Laurence Martin.
- WDAH-268 El Paso, Tex Trinity M. E. Church, So.
- WDAJ—360 College Park, Ga. A. & W. P. Ry.
- WDAK-2 6 9 Hartford Conn. The Courant
- WDAM-360 N. Y. City Weston Elec Co
- WDAO-360 Dallas, Texas Automotive Elect Co.
- WDAP-390 Chicago Board of Trade, Drake Hotel.
- WDAR-395 Philadelphia Pa. Lit Brothers.
- WDAS-3 6 0 Worcester Mass. Sam'l A Waite.
- WDAU-360 New Bedford Mass. Slocum and Kilburn.

- 'UNITED STATES-Cont'd, WCBL-280 Northern Ra- | WDAY-224 Fargo, N. D. Fargo Radio Elect. Co.
  - WDBC-258 Lancaster, Pa. Kirk Johnson & Co.
  - WDBF 246 Robert G. Phillipps, Youngstown, Ohio.
  - WDM-234 Washington, D. C. Church of the Covenant.
  - WDZ-278 Tuscola, James L. Bush.
  - WEAA-280 Flint, Mich. Fallan & Lathrop.
  - WEAD-268 Atwood, Kan. N. W. Kan. Radio Sup.
  - WEAF-4 9 2 New York City, N. Y. Western Elect. Co.
  - WEAH-280 Wichita, Kan. Landers Radio Co.
  - WEAI-286 Ithaca, N. Y. Cornell University.
  - WEAJ-283 University of South Dakota, Vermillion, S. D.
  - WEAK-360 St. Joseph, Mo. J. B. Abercombie.
  - WEAM-250 N. Plainfield, N. J. Boro of N. Plainfield.
  - WEAN-2 7 3 Providence. R. I. Shepard Co.
  - WEAO-360 Columbus, O. Ohio State University.
  - WEAP-360 Mobile. Ala. Mobile Radio Co.
  - WEAR-261 Evening News Publishing Co., Baltimore, Md. WEAU-360 Sioux City, Ia.
  - Davidson Bros. Co. WEAY-360 Houston, Tex.
  - Will Horwitz Co. WEB-273 St. Louis, Mo.
  - Benwood Co. WEV-360 Houston, Texas.
  - Hurlburt Still Elect.
  - WEW-261 St. Louis, Mo. St. Louis University.
  - WFAA-476 Dallas, Texas. News-Journal.
  - WFAB-234 Syracuse, N. Y. Carl F. Woese.
  - WFAF-273 Poughkeepsie, N. Y. H. C. Spratley Co.
  - WFAH-236 Electric Supply Co. Port Arthur, Texas.
  - WFAJ-360 Asheville, N. C. HiGrade Wireless Inst.

- WFAM 273 St. Cloud, Minn. Times.
- WFAN-3 6 0 Hutchinson. Minn. Elec. Service.
- WFAQ-360 Cameron, Mo. Cameron Radio Co.
- WFAT-258 New Columbus College, Sioux Falls, S. D.
- WFAV-275 University of Nebraska, Lincoln, Neb.
- WFT-3 9 5 Philadelphia, Pa. Strawbridge & Clothier.
- WGAL-248 Lancaster, Pa. Lancaster El. Sup. Co.
- Pensacola, WGAN-3 6 0 Fla. Cecil E. Lloyd.
- WGAQ 252 Shreveport, La. Glenwood Radio Corp.
- WGAW-261 Altoona, Pa. Ernest C. Albright.
- .WGAZ-360 South Bend. Ind. South Bend Tribune.
- WGI-360 Medford Hillside, Mass. Am. Radio Corp.
- WGL-3 5 0 Philadelphia. Thos. F. J. Pa. Howlett.
- WGM-429 Atlanta, Ga. Institute of Technology.
- WGN-370 Chicago, Ill. The Tribune.
- WGR-319 Federal Tel. & Tel. Co. Buffalo, N. Y.
- WGV-242 Interstate E'ectric Co. New Orleans, La.
- WGY-380 Schenectady, N. Y. General Elec. Co.
- WHA-360 Madison, Wis. University of Wis.
- WHAA-484 Iowa City, Iowa, University of Iowa.
- WHAB-3 6 0 Galveston, Texas, C. W. Thompson.
- WHAD—280 Milwaukee, Wis. Marquette University.
- WHAG-222 Cincinnati, O. University of Cincinnati
- WHAH-360 J. T. Griffin, Joplin, Mo.

- UNITED STATES-Cont'd, | WHAK-3 6 0 Clarksburg, | W. Va. Roberts Hdwe. Co.
  - WHAM-283 Eastman School of Music, University of Rochester Rochester, N. Y.
  - WHAP-360 Decatur, Ill. Otta & Kuhns.
  - WHAS-400 Louisville, Ky. Journal & Times.
  - WHAV-3 6 0 Wilmington, Del. Wil. El. Spec. Co.
  - WHAZ-380 Troy, N. Y. Renssalaer Poly. Inst.
  - WHB-411 Kansas City Mo. Sweeney School.
  - WHK-283 Cleveland, O. Warren B. Cox.
  - WHN-360 Ridgewood, N. Y. Society Radio Artists.
  - WHO-526 Banker's Life Insurance Co., Des Moines, Iowa.
  - WIAB-252 Rockford, Ill. Joselyn Auto Co.
  - WIAC-360 Galveston, Tex. Galveston Tribune.
  - WIAD-254 Ocean City, N. J. Ocean City Yacht Club.
  - WIAF—234 New Orleans, La. G. A. De Cortin.
  - WIAH-2 5 8 Continental Radio & Mfg. Co. Inc. Newton, Ia.
  - WIAI-252 Springfield, Mo. Heer Stores Co.
  - WIAJ-224 Neenah, Wis. Fox Riv. Val. Radio Sup. Co.
  - WIAK-278 Omaha, Neb. Journal Stockman Co.
  - Milwaukee, WIAO-4 5 3 Wisconsin News.
  - WIAQ-226 Marion, Chronicle Pub. Co.
  - WIAS-283 Burlington, Ia. Home Elec. Co.
  - WIAU-360 Le Mars, Ia. American Trust & Sav. Bank.
  - WIAY-273 Woodward & Lothrop, Washington. D. C.
  - WIK-360 McKeesport, Pa. K. & L. Elect. Co.
  - WIL-360 Washington, D. C. Continental Elect. Sup.

- WIP-509 Philadelphia, Pa. Gimbel Bros.
- WJAD-360 Waco, Texas. Jackson's Radio Eng. Lab.
- WJAF-360 Muncie, Ind. Press Pub. Co.
  - WJAG-283 The Norfolk Daily News, Huse Pub. Co. Norfolk, Neb.
- WJAK-360 Stockdale, O. White Radio Lab.
- WJAM-268 Cedar Rapids, Iowa. D. C. Perham.
- WJAN-280 Peoria, Ill. Peoria Star.
- WJAP-360 Duluth, Minn. Kelly-Duluth Co.
- WJAQ-360 Topeka, Kan. Capper Publications.
- WJAR-360 Providence, R. I. Outlet Co.
- WJAS-250 Pittsburg, Pa. Pitts. Radio Supply House.
- WJAT-360 Marshall, Mo. Kelley - Vawter Jewelry Co.
- WJAX-390 Cleveland, O. Union Trust Co.
- WJD-229 Granville, O. Denison University.
- WJX-360 New York, De-Forest Radio Tel. & Teleg. Co.
- WJY-405 New York. Radio Corp. of
- Am. WJZ—445 New York. Radio Corp. of
- Am. WKAA-360 Cedar Rapids.
- Iowa. K. T. Paar. WKAD-240 E. Providence, R. I. Charles Loof.
- WKAF-360 Wichita Falls. Texas. U. S. Radio Sup Co.
- WKAN-2 2 6 Montgomery, Ala. United Battery Serv. Co.
- WKAP-360 Cranston, R. I. Dutee W. Flint.
- WKAR—280 E. Lansing, Mich. Mich. Agr. College.
- WKAV-254 Laconia Radio Club, Laconia, N. H.
- WKY-360 Oklahoma, Ok. WKY Radio Shop.
- WLAG-417 Minneapolis, Minn. Cutting-Washington.

- WLAH-234 Syracuse, N. Y. Samuel Woolworth.
- WLAJ-360 Waco, Texas. Waco Elect. Supply Co.
- WLAK-360 Bellows Falls, Vt. Vt. Farm Mach. Corp.
- WLAI-360 Tulsa, Okla. Tulsa Radio Co.
- WLAP-360 Louisville, Ky. W. V. Jordan.
- WLAQ-283 Arthur S. Schilling, Kalamazoo, Mich.
- WLAV-254 Electric Shop, Inc. Pensacola, Fla.
- WLAW-360 N. Y. City, N. Y. Police Dept.
- WLAX—231 Greencastle, Ind. Greencastle Community.
- WLB-3 6 0 Minneapolis, Minn. Univ. of Minn.
- WLS 345 Chicago, Ill., Sears, Roebuck Company.
- WLW-309 Cincinnati, O. Crosley Mfg. Co.
- WMA-360 Anderson, Ind. Arrow Radio Lab-
- wmab—3 6 0 Oklahoma City, Okla. Okla. Radio Sup. Co.
- WMAC-261 Cazenovia, N. Y. Olive B. Meredith.
- Dartmouth, WMAF-3 6 0 Mass. Round Hills
- Rad. Corp. WMAH-254 Lincoln, Neb. General Supply Co.
- WMAJ—275 Kansas City, Mo. Drovers Telegram.
- WMAK-360 Lockport, N. Y. Norton Laboratories.
- WMAN-286 Columbus, O. Broad St. Baptist Church.
- WMAP-246 Easton Pa. Utility Battery Service.
- WMAQ-448 Chicago, Ill. Chicago Daily News.
- WMAV-250 Auburn, Ala. Ala. Poly Inst.
- WMAW-254 Wahpeton, N. D. Wahpeton, Elect. Co.

- K. & K. Radio Sup. Co.
- WMAY-280 St. Louis, Mo. King's Highway Church.
- WMAZ-268 Macon, Ga. Mercer University.
- WMC-500 Memphis, Tenn. Commercial Appeal.
- WMU-261 Washington, D. C. Doubleday-Hill Elect.
- WNAC-278 Boston, Mass. Shepard Stores.
- WNAD-360 Norman Okla. Okla. Univ.
- WNAL-242 Omaha, R. J. Rockwell.
- WNAN-286 Syracuse, N. Y. Syracuse Radio Tel. Co.
- WNAP-360 Springfield, O. Wittenberg College.
- WNAQ-360 Charleston, S. C. Charleston Radio E. Co.
- WNAR-360 Butler, Mo. C. C. Rhodes.
- WNAS-360 Austin, Tex. Texas Radio Corp.
- WNAT-3 6 0 Philadelphia, Pa. Lennig Bros.
- WNAV-236 People's Tel. & Tel. Co. Knoxville, Tenn.
- WNAW-360 Fortress Monroe. Va. Hy Kunzmann.
- WNAX-244 Yankton, S. D. Dakota Radio Ap. Co.
- WNAY-360 Baltimore, Md. Ship Owners' Radio Service.
- WNJ—360 Albany, N. Y. Shotten Radio Mfg. Co.
- WOAC-266 Lima, Ohio. Maus Radio Co.
- WOAD-360 Sigourney, Ia. Friday Bat. & Elec. Co.
- WOAE-360 Fremont, Neb. Midland College.
- WOAF-360 Tyler, Texas. Commercial College.
- WOAG-244 Belvidere, Ill. Carmen Ferro.
- WOAH-360 Charleston, S. C. Palmetto Radio Corp.
- WOAI-385 San Antonio, Tex. So. Equip. Co.

- UNITED STATES-Cont'd. | WMAX-240 Greenville, O. | WOAN-360 Lawrenceburg, Tenn. Jas. D. Vaughan.
  - WOAO-3 6 0 Mishawaka, Ind. Lyradion Mfg. Co.
  - Kalamazoo, WOAP-3 6 0 Mich. Kalamazoo College.
  - WOAR-229 Henry P. Lundskow, Kenosha, Wis.
  - WOAT-3 6 0 Wilmington, Del. Boyd M. Hamp.
  - WOAV-242 Erie, Pa. Pa. Nat. Guard.
  - WOAW-526 Omaha, Neb. Woodmen of World.
  - WOAX-240 Trenton, N. J. F. J. Wolf.
  - WOC-484 Davenport, Ia. Palmer School.
  - WOI-3 6 0 Ames, Iowa. State College.
  - WOK-360 Pine Bluff, Ark. Arkansas L. & P. Co.
  - WOO-509 Philadelphia, Pa. John Wanamaker.
  - WOQ-360 Kansas City, Mo. Western Radio Co.
  - WOR-405 Newark, N. J. Bamberger & Co.
  - WOS-441 Jefferson City, Mo. State Mar. Bureau.
  - WOV-360 Omaha, Neb. R. B. Howell.
  - WPAB-283 State College, Pa. Pa. State College.
  - WPAC-360 Okmulgee, Ok. Donaldson Radio Co.
  - New Haven, WPAJ-268 Conn. Doolittle Radio Corp.
  - WPAK-3 6 0 Agricultural College, N. D.
  - WPAL-286 Columbus, O. Avery & Loeb Elec. Co.
  - WPAM-360 Topeka, Kan. Auerbach & Guettel.
  - WPAP-3 6 0 Winchester, Ky. Theo. D. Phillips.
  - WPAQ-3 6 0 Frostburg. Md. Gen. Sales Engin. Co.
  - WPAR-236 Ward Battery & Radio Co., Beloit, Kan.

- UNITED STATES-Cont'd. | WRAM-244 Lombard Col- | WSAX-268 Chicago, Ill.
- WPAT-360 El Paso, Tex. St. Patrick's Cathedral.
- WPAU-360 Corcordia College, Moorhead, Minn.
- WPAW-3 6 0 Wilmington, Del. Radio Installation Co.
- WPAZ-273 Charleston, W. Va. Dr. John R. Koch.
- WQAA-360 Parkersburg, Pa. Horace A. Beale.
- WQAC-234 Amarillo, Tex. E. B. Gish.
- WQAD-2 4 2 Waterbury, Whitall Conn. Elect. Co.
- WQAE-275 Springfield, Vt. Moore Radio Station.
- WQAF-240 Sandusky, O. Sandusky Register.
- WQAL-258 Mattoon, Ill. Coles County T. & T.
- WQAM-283 Miami, Fla. Electrical Equip. Co.
- WQAN-280 Scranton, Pa. Scranton Times.
- WQAO-360 New York, N. Y. Calvary Baptist Church.
- WQAP-360 Lincoln, Neb. Am. Radio Co.
- WQAQ-360 Abilene, Tex. W. Texas Radio Co.
- WQAS-266 Lowell, Mass. Prince-Walter Co.
- WQAW-2 3 6 Washington. D. C. Catholic University.
- WQAX-360 Peoria, Ill. Radio Equipment Co.
- WQAY-266 Hastings, Neb. Gaston Music & Furn. Co.
- WRAA-360 Houston, Tex. Rice Institute.
- WRAF-224 LaPorte, Ind. Radio Club.
- WRAH-275 Providence, R. I. Stanley N. Read.
- WRAL-248 St. Croix Falls. Wis. Nor. States Power Co.

- lege, Galesburg, Ill.
- WRAN-2 3 6 Black-Hawk Elec. Co. Waterloo, Iowa.
- WRAO-360 St. Louis, Mo. Radio Service Co.
- WRAV-2 4 2 Yellow Springs, O. Antioch College.
- WRAW-238 Reading, Pa. Pa. Horace D. Good.
- WRAX-2 6 8 Glouchester City, N. J. Flexons Garage.
- WRAY-280 Scranton, Pa. Radio Sales Corp.
- WRAZ-233 Newark, N. J. Radio Shop of Newark.
- WRC-469 Washington, D. C. Radio Corp.
- WRK-360 Hamilton, O. Doran Bros.
- WRL-360 Schencetady, N. Y. Union College.
- WRM-360 Urbana, Ill. University of Illinois.
- WRR-3 6 0 Dallas. Tex. City of Dallas.
- WRW-273 Tarrytown, N. Y. Koenig Bros.
- WSAB-360 Cape Girardeau, Mo. S. E. Tea. Col.
- WSAC-360 Clemson, S. C. Clemson Agr. College.
- WSAD-261 Providence, R. I. J. A. Foster Co.
- WSAG-244 St. Perersburg, Fla. L. V. Davis and Geo. Prestman Sr.
- WSAI-309 Cincinnati, O. U. S. Playing Card Co.
- WSAJ-360 Grove City, Pa. Grove City College.
- WISAN-229 Allentown, Pa. A. Radio Club.
- WSAP-263 Seventh Day Adventists' Church, New York, N. Y.
- WSAQ-2 8 0 Dartmouth. Mass. Round Hills Radio Corp.
- WSAR-254 Fall River. Mass. Doughty & Welch E. Co.
- WSAW-275 Canandaigua, N. Y. Curtice & McElwee.

- Chicago Radio Laboratory.
- WSAY-233 Chamber of Commerce, Port Chester, N. Y.
- WSAZ-258 Chase Electric Shop, Pomeroy, Ohio.
- WSB-429 Atlanta, Ga. Atlanta Journal.
- WSL-273 Utica, N. Y. J. & M. Elec. Co.
- WSY-3 6 0 Birmingham, Ala. Alabama Power Co.
- WTAB 266 Fall River Herald, Fall River. Mass.
- WTAC-360 Johnstown, Pa. Penn. Traffic Co.
- WTAF-268 New Orleans, La. Louis J. Gallo. WTAG-258 Providence, R.
- I. Kern Music Co. WTAJ-236 Portland, Me.
- Radio Shop. WTAM-390 Cleveland, O. Willard Battery.
- WTAP-242 Cambridge Radio & Elec. Co. Cambridge, NII.
- WTAS-286 Elgin, Ill. Chas. E. Erbstein.
- WTAT-244 Edison Light Co., Boston, Mass.
- WTAU-242 Tecumseh, Neb. Ruegg Bat. and Elec. Co.
- WTAW-254 College Sta., Tex. Agr. and Mech. Col.
- WTAX-286 American Legion, Elgin, Ill.
- WTAY-226 The Oak Leaves, Oak Park, Ill.
- WTAZ-283 Thomas J. McGuire, Lambertyville, N. J.
- WTG-3 6 0 Manhattan, Kan. Kansas State Agr. Col.
- WWAB-226 Hoenig, Swern & Co. Trenton, N. J.
- WWAC-360 Waco, Tex. Sanger Bros.
- WWAD-360 Philadelphia, Pa. Wright & Wright.
- WWAE-227L. J. Crowley, Alamo Dance Hall. Joliet, Ill.
- WWAF-236 Galvin dio Supply Co. Camden, N. J.

- WWI-273 Dearborn, Mich. Ford Motor Co.
- WWJ-517 Detroit, Mich. Detroit News.
- WWI-380 New Orleans, La. Loyola, University.
- WWAO-244 Michigan College of Mines, Houghton, Mich.
- WW1-360 Buffalo, N. Y. McCarthy Bros. & Ford.

#### CANADA

- CFAC-430 The Calgary Herald, Calgary, Alta.
- CFCA-400 Star Pub. Co. Toronto, Ont.
- CFCF-440 Marconi Wireless Tel. Co. of Canada.
- CFCH-400 Abitibi Power & Paper Co. Ltd. Iroquois Falls, Ont.
- CFCJ-410 La Cie de 30 L'Evenement, Fabrique St. Quebec, Que.
- CFCK-410 Radio Supply Co. Ltd. Edmonton, Alta.
- CFCL-400 Centennial Methodist Church, Victoria, B. C.
- CFCN-440 W. W. Grant Radio, Ltd. 511 Lougheed Bldg. Calgary, Alta.
- CFCO-450 Semmelhaack-Dickson, Ltd. Bellevue, Que.
- CFCQ-450 Radio Specialties. Ltd. 791 Dunsmuir St. Vancouver, B. C.
- CFCR-410 Laurentide Air Service, Ltd. Sudbury, Ont.
- CFCW-420 The Radio Shop, 77 Dundas St. London, Ont.
- CFDC-430 Nanaimo, B. C. Sparks Co.
- CFQC-400 The Electric Shop, Ltd., 144 2nd Ave. North. Saskatoon, Sask.
- CFRC-450 Queens University, Kingston, Ont.
- CFUC-400 University of Montreal, 185 Denis St. Montreal, Que.

- gineers, Halifax, Nova Scotia.
- CHBC-410 The Albertan Publishing Co., 229 8th Ave. W. Calgary, Alta.
- CHCD-410 Canadian Wireless & Elec. Co., 30 Fabrique St. Quebec, Que.
- CHCE-400 Western Radio Supply Ltd. 919 Fort St. Victoria, B. C.
- CHCL-440 The Vancouver Merchants Exchange Ltd. Vancouver, B. C.
- CHYC-341 Northern Electric Co. Ltd., 121 Shearer St. Montreal, Que.
- CICI-400 Maritime Radio Corporation, Ltd. New St. John, Brunswick.
- CJCA-450 The Edmonton Journal, Ltd. Ed-monton, Alta.
- CJGC-430 London Free Press Co., Ltd., 430 Richmond St. London, Ont.
- CJCD-410 The T. Easton Co., Ltd., James & Alberts Sts. Toronto, Ont.
- CJCE-4 2 0 Sprott-Shaw Radio Co., Tower Bldg. Vancouver, B. C.
- CJCI-400 Maritime Radio Corp. Ltd., 543 Albion St. St. John, N. B.
- CJCN-410 Simons Agnew & Co., 19 Melinda St. Toronto, Ont.
- CJCX-400 Percival W. Shackleton, Olds, Alta.
- CJSC-430 The Evening Telegram, Toronto, Ont
- CKAC-430 La Presse Pub. Co., Ltd. Montreal, Que.
- CKCD-410 Vancouver Daily Province, Vancouver, B. C.
- CKCE-450 Canadian Independent Telephone Co. Toronto, Ont.
- CKCK-420 Leader Pub. Co., Ltd., Regina, Sask.

- UNITED STATES\_Cont'd. | CHAC-400 Radio En- | CKOC-410 Wentworth Radio Supply Co., 31 John St. N. Hamilton, Ont.
  - CKY-450 Manitoba Telephone System, Winnipeg, Man.
  - CPGC-430 London Free Press Printing Co. London, Ont.

#### SOUTH AMERICA

SPE-450 Rio de Janiero, South America.

#### MEXICO

- CYB-425 El Buen Tono, Cigar Co. Mexico City, Mexico.
- CYI-440 El Universal (newspaper), Mexico City, Mexico.

#### ENGLAND

- 2LO-370 British Broadcasting Corp. London. England.
- 2ZY-385 British Broadcasting Corp. Manchester, Eng.
- 5NO-400 British Broadcasting Corp. Newcastle, Eng.
- 5SC-415 British Broadcasting Corp. Glasgow, Scotland.
- 5T-425 British Broadcasting Corp. Birmingham, Eng.
- 5WA-353 British Broadcasting Corp. Cardiff, Wales.

## CUBA AND PORTO RICO

- PWX-400 Cuban Telephone Company, Havana, Cuba.
- WGAD-300 Spanish American School of Radio Tel. Ensenada, Porto Rico.
- WKAQ-360 Radio Corporation of Porto San Rico. Juan. Porto Rico.

#### HAWAII

- KDYX-360 The Star Bulletin, Honolulu, Hawaii.
- KFHS-275 Clifford J. Dow, Linue, Hawaii.
- KGU-360 Honolulu Advertiser, Honolulu, Hawaii.
- KYQ-270 The Electric Shop. Honolulu.

HE St. Louis Post-Dispatch, published in the heart of the great Mississippi Valley, is more than a newspaper-it is an institution. It was founded by the late Joseph Pulitzer in 1878 when he purchased the mere shells of two printing properties and merged them into one daily publication which grew, in the space of a few years, through the editor's indomitable energy and genius, into a daily newspaper of commanding influence. With success won in St. Louis, Mr. Pulitzer went to New York and purchased the morning World, then a derelict on Newspaper Row. As the entire country knows, The World, under Mr. Pulitzer's guidance, achieved an international reputation for editorial independence and news enterprise. The Post-Dispatch in St. Louis shared with the World in New York the matchless direction of their founder until the day of his death and then the duties of management were taken over by sons whom he had trained for a lifelong task.

From a pitiful circulation of some 2500 copies daily, when Joseph Pulitzer first took hold of the Post-Dispatch, it has grown to a position of supremacy, with which, population considered, there are but few, if any equals. At the close of 1923 the daily circulation was more than 200,000 and that of the Sunday in excess of 400,000.

It may be remarked, in closing this brief sketch of the Post-Dispatch, that it was the first newspaper in St. Louis to print a magazine section; the first to print comics in colors; the first to introduce rotogravure printing, and the first to establish and operate its own radio broadcasting station.

## ST. LOUIS POST-DISPATCH

April, 1924. St. Louis, Mo., U. S. A.