



The

Broadcasters' Desktop Resource

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... edited by Barry Mishkind – the Eclectic Engineer

Radio History

The Great Frequency Move of 1928

It was on November 11, 1928 that the Federal Radio Commission (FRC) moved many stations from all across the country to new locations on the dial.

Part of it was to reduce interference. Over the previous few years, many stations had discovered the Department of Commerce (DOC) had little power, and was pretty much forced to give licenses to anyone who asked.

Then stations “jumped” to frequencies they were not assigned and added higher power, trying to improve their signal. In some places local stations fought like cats and dogs. A demonstration in Los Angeles was dubbed “The Interference Hour,” with eleven stations paired off purposely to show how bad it could get.

The DOC had lost control of the situation.

THE RADIO ACT OF 1927

Part of the legal mess they found themselves in was the lack of “equality” among the radio districts. Supposedly, each of the five regions was to have an equal distribution of high power, regional, and local stations. The actual result after the first decade of broadcasting was a lot of high-power stations gathered in the biggest cities – and not much out in the “Mid-America” region – leaving a lot of what was called “white space,” where reliable reception was not always available to many people.

A little help came with the Radio Act of 1927. It finally gave the FRC enough power to control things. The FRC then took a strong look at each

of the 732 stations on the air and slowly started to reduce the licenses for those not really operating as the FRC desired. Trying to avoid legal hassles where possible, every so often a small bunch of stations were shifted. Also a number of share-time situations were set up.

CLEARING THE DECKS

As the FRC realigned the dial, some stations were deemed not to be essential – and were not granted renewal authorization.

Among the stations that disappeared were the so-called “portable stations” that had authorization to broadcast from almost anywhere in the region – usually at state fairs, expositions, etc.

Eventually 164 stations were targeted for deletion as not meeting a new standard of stations operating “in the Public Interest, Convenience, or Necessity.” Of course, lawsuits followed. However, the FRC won most cases.

From 732, the FRC ended up with 585 stations, a reduction of 147 stations.

NOVEMBER 11, 1928

This was the date chosen for the stations left to play musical chairs.

New Channels Assigned by Federal Radio Commission, Effective Today

Newspapers around the country like the Davenport, IA, Democrat and Leader played it up big.

Here is another headline from the Galveston, Texas Daily News.

**New Broadcast Alignment,
Effective Today, Planned
To Stop Radio's Squeals**

The new assignments did, in fact, eliminate many situations where too many stations were jammed too close to each other. By separating stations – and moving them up or down the dial as necessary – the FRC made a lot of listeners happy.

(The list of stations and text of the government announcement are below.)

On the other hand, not all stations were happy about the move and, inevitably, lawsuits were initiated by those stations that sought better outcomes. For example, in Boston, department store magnate John Shepard was unhappy he did not get a nice slot on the low end of the dial. A lot of political firepower was also brought into the fights.

Nevertheless, the Radio Act of 1927 did provide enough of a legal basis for the FRC's actions, so most of the lawsuits were, again, unsuccessful. However, in order to put a final stop to the

litigation, Congress eventually passed the Radio Act of 1934, creating the FCC, with specific powers to give the government agency an even firmer grip on the nation's airwaves.

All-in-all, the reallocation was considered very successful at the time. Some referred to it as bringing "Order out of Chaos."

With thanks to Donna Halper for researching and sharing the headline graphics.



*Revised list of broadcasting stations, arranged by frequencies, effective
November 11, 1928, with letter of transmittal*

*FEDERAL RADIO COMMISSION,
Washington, D.C., October 25, 1928*

To all persons holding licenses to broadcast:

The commission has found it necessary to make certain changes in the allocation announced September 10, 1928, effective November 11, 1928. These changes are due in part to the fact that extensive checking has revealed possibilities for deriving greater service to the public on certain channels and for more economical use of daytime hours; in part to the desire to remedy

certain injustices to particular stations and certain sections of the country without the expense of a hearing; and in part to the necessity of correcting a few sources of interference. The changes thus made are incorporated in a revised list of stations, a copy of which accompanies this statement. The new list also incorporates such increases of power for existing stations as have been authorized by the commission since the publication of the first list.

Licenses are being issued and mailed to the stations in accordance with the assignments indicated on the list. These licenses will be effective on November 11, 1928 at 3 o'clock a.m. eastern standard time, and will expire on February 1, 1929, at the same hour.

All stations dissatisfied with their assignments under the revised allocation should follow the procedure set forth in the commission's statement of September 11, 1928. Applications must be on forms provided by the commission; these may be obtained from the radio supervisors or from the secretary of the commission. All such applications must specify what frequency, power, and/or hours of operation are desired by the applicant. No one application may specify more than one frequency. If one applicant files two or more applications for different frequencies, only one of the applications will be set for hearing and consideration of the others will be postponed until the one heard is disposed of; if such an applicant fails to designate which application he desires to be heard first, the commission will select such application.

FEDERAL RADIO COMMISSION
By Carl H. Butman, Secretary.

Revised list of broadcasting stations, by frequencies, effective 3 a.m., November 11, 1928, eastern standard time.

(This list supercedes the list dated September 8, 1928)

| Call Letters | Location | Owner | Divides time with | Power (watts) |
|----------------|------------------|--------------------------|-------------------|---------------|
| 550 kilocycles | | | | |
| WGR | Buffalo, NY | Federal Radio Corp. | | 750 |
| WEAO | Columbus, OH | Ohio State University | WKRC | 750 |
| WKRC | Cincinnati, OH | Kodel Radio Corp. | WEAO | 500 |
| KFUO | St. Louis, MO | Concordia Theo. Seminary | KSD | 500 |
| KSD | St. Louis, MO | Pulitzer Publishing Co. | KFUO | 500 |
| KFDY | Brookings, SD | South Dakota St. College | KFYR-KFJM | 500 |
| KFJM | Grand Forks, ND | Univ. of North Dakota | KFDY-KFYR | 500 |
| 560 kilocycles | | | | |
| WLIT | Philadelphia, PA | Lit Bros. | WFI | 500 |

| | | | | |
|------|------------------|---------------------------------|------|------|
| WFI | Philadelphia, PA | Strawbridge & Clothier | WLIT | 500 |
| KFDM | Beaumont, TX | Magnolia Petroleum Co. | | 500 |
| WMBF | Miami Beach, FL | Fleetwood Hotel Corp. | | 500 |
| WNOX | Knoxville, TN | Sterchi Bros. | | 1000 |
| WOI | Ames, IA | Iowa St. Col. (daylight) | KFEQ | 3500 |
| KFEQ | St. Joseph, MO | Scroggin Co. Bank (daylight) | WOI | 2500 |
| KOAC | Corvallis, OR | Oregon St. Ag. College | | 1000 |
| KIZ | Dupont, CO | Reynolds Radio Co., Inc. | | 1000 |

570 kilocycles

| | | | | |
|------|-------------------|--------------------------|----------|------|
| WNYC | New York, NY | Dept. Plant & Structure | WMCA | 500 |
| WMCA | New York, NY | Greeley Sq. Hotel Co. | WNYC | 500 |
| WSYR | Syracuse, NY | Clive B. Meredith | | 250 |
| WSMK | Dayton, OH | Stanley B. Krohn, jr. | WKBN | 200 |
| WKBN | Youngstown, OH | W.P. Williamson, jr. | WSMK | 500 |
| WWNC | Ashville, NC | Chamber of Commerce | | 1000 |
| KGKO | Wichita Falls, TX | Wichita Falls Bcst. Co. | | 250 |
| WHA | Madison, WI | Univ. of Wisconsin | WPCC-WRM | 750 |
| WPCC | Chicago, IL | N. Shore Cong. Church | WRM-WHA | 500 |
| WRM | Urbana, IL | Univ. of Illinois | WPCC-WHA | 500 |
| KUOM | Missoula, MT | St. Univ. of Montana | KXA | 500 |
| KMTR | Hollywood, CA | KMTR Radio Corp. | KPLA | 1000 |
| KPLA | Los Angeles, CA | Pacific Devel. Radio Co. | KMTR | 1000 |
| KXA | Seattle, WA | Amer. Radio Teleg. Co. | KUOM | 500 |

580 kilocycles (Canadian shared)

| | | | | |
|------|----------------|-----------------------------|------|-----|
| WTAG | Worcester, MA | Worcester Telegram Pub. Co. | | 250 |
| WKAQ | San Juan, PR | Radio Corp. of Puerto Rico | | 500 |
| WOBU | Charleston, WV | Charleston Radio Bcst. Co. | WSAZ | 250 |
| WSAZ | Huntington, WV | McKellar Electric Co. | WOBU | 250 |
| KGFX | Pierre, SD | Dana McNeill (daylight) | | 200 |
| KSAC | Manhattan, KS | Kansas St. Ag. College | WSUI | 500 |
| WSUI | Iowa City, IA | State Univ. of Iowa | KSAC | 500 |

590 kilocycles

| | | | | |
|------|---------------------|---|------|------|
| WEEI | Boston, MA | Edison Elect. Illum. Co. | | 500 |
| WEMC | Berrien Springs, MI | Emanuel Missionary Col. (daylight) | | 1000 |
| WCAJ | Lincoln, NE | Nebraska Wesleyan Univ. | WOW | 500 |
| WOW | Omaha, NE | Woodmen of the World Life Insurance Assoc. | WCAJ | 1000 |
| KHQ | Spokane, WA | Louis Wasmer (Inc.) | | 1000 |

600 kilocycles (Canadian shared)

| | | | | |
|------|----------------|---|------|-----|
| WTIC | Hartford, CT | Travelers Insurance Co. (temporary assignment pending completion of new 50,000 watt station) | | 250 |
| WCAO | Baltimore, MD | Monumental Radio (Inc.) | | 250 |
| WREC | Whitehaven, TN | WREC (Inc.) | WOAN | 500 |

| | | | | |
|------|------------------|---|------|-----|
| WOAN | Lawrenceburg, TN | Church of the Nazarene and Vaughan School of Music | WREC | 500 |
| WEBW | Beloit, WI | Beloit College (daylight) | | 250 |
| KFSD | San Diego, CA | Airfan Radio Corp. (1kw-D) | | 500 |
| KFBU | Laramie, WY | Bishop N.S. Thomas | | 500 |

610 kilocycles

| | | | | |
|------|-------------------|----------------------------|------|------|
| WFAN | Philadelphia, PA | Keystone Broadcasting Co. | WIP | 500 |
| WIP | Philadelphia, PA | Gimbel Bros. (Inc.) | WFAN | 500 |
| WDAF | Kansas City, MO | Kansas City Star Co. | WOQ | 1000 |
| WOQ | Kansas City, MO | Unity Sch. of Christianity | WDAF | 1000 |
| KFRC | San Francisco, CA | Don Lee (Inc.) | | 1000 |

620 kilocycles

| | | | | |
|------|--------------------|--------------------------|------|------|
| WLBZ | Dover-Foxcroft, ME | Thompson L. Guernsey | | 500 |
| WDBO | Orlando, FL | Rollins College (Inc.) | WDAE | 1000 |
| WDAE | Tampa, FL | Tampa Publishing Co. | WDBO | 1000 |
| WTMJ | Brookfield, WI | The Journal Co. | | 1000 |
| KGW | Portland, OR | Oregonian Publishing Co. | | 1000 |
| KFAD | Phoenix, AZ | Electrical Equipment Co. | | 500 |

630 kilocycles (Canadian shared)

| | | | | |
|------|--------------------|------------------------------|-----------|-----|
| WMAL | Washington, DC | M.A. Leese Co. | | 250 |
| WOS | Jefferson City, MO | State Marketing Bureau | WGBF-KFRU | 500 |
| KFRU | Columbus, MO | Stephens College | WOS-WGBF | 500 |
| WGBF | Evansville, IN | Evansville on the Air (Inc.) | WOS-KFRU | 500 |

640 kilocycles

| | | | | |
|------|-----------------|--|--|------|
| WAIU | Columbus, OH | American Insurance Union (limited time) | | 5000 |
| KFI | Los Angeles, CA | Earl C. Anthony (Inc.) (C.P. issued for 50,000 watts) (See General Order No. 42) | | 5000 |

650 kilocycles

| | | | | |
|-----|---------------|--|--|------|
| WSM | Nashville, TN | National Life & Accident Insurance Co. (C.P. issued for 50,000 watts) (See General Order No. 42.) | | 5000 |
|-----|---------------|--|--|------|

660 kilocycles

| | | | | |
|------|--------------|---------------------------------|-------|-----|
| WEAF | Bellmore, NY | National Bcsting. Co. (Inc.) | 50000 | |
| WAAW | Omaha, NE | Omaha Grain Exchange (Daylight) | | 500 |

670 kilocycles

| | | | |
|-----------|-------------------------------------|---|------------|
| WMAQ | Chicago, IL | Chicago Daily News (Inc.) | 5000 |
| | 680 kilocycles | | |
| WPTF | Raleigh, NC | Durham Life Insurance Co. (C.P. issued for 10,000 watts) | |
| KPO | San Francisco, CA | Hale Bros. and the Chronicle | 5000 |
| | 690 kilocycles (Canadian exclusive) | | |
| | 700 kilocycles | | |
| WLW | Mason, OH | Crosley Radio Corp. | 50000 |
| KFVD | Culver City, CA | W.J. & C.I. McWhinnie (limited time) | 250 |
| | 710 kilocycles | | |
| WOR | Newark, NJ | L. Bamberger & Co. | 5000 |
| | 720 kilocycles | | |
| WGN-WLIB | Chicago, IL | The Tribune Co. | 15000 |
| | 730 kilocycles (Canadian exclusive) | | |
| | 740 kilocycles | | |
| WSB | Atlanta, GA | Atlanta Journal Co. | 10000 |
| KMMJ | Clay Center, NE | The M.M. Johnson Co. (limited time) | 1000 |
| | 750 kilocycles | | |
| WJR-WCX | Pontiac, MI | WJR (Inc.) | 5000 |
| | 760 kilocycles | | |
| WJZ | New York, NY | Radio Corp. of America (See General Order No. 42) | 30000 |
| WEW | St. Louis, MO | St. Louis University (daylight) | 1000 |
| | 770 kilocycles | | |
| KFAB | Lincoln, NE | Nebraska Buick Auto Co. | WBBM 5000 |
| WBBM-WJBT | Chicago, IL | Atlas Investment Co. (See General Order No. 42) | KFAB 25000 |

780 kilocycles (Canadian shared)

| | | | | |
|-----------|--------------------|---|-----------|-----|
| WBSO | Wellsley Hills, MA | Babson's Statistical Organ (Inc.) (daylight) | | 100 |
| WSEA | Portsmouth, VA | Virginia Bcsting. Co. (Inc) | WTAR-WPOR | 500 |
| WTAR-WPOR | Norfolk, VA | Reliance Electric Co. (Inc) | WSEA | 500 |
| WMC | Memphis, TN | Memphis Commercial Appeal (Inc.) | | 500 |
| KELW | Burbank, CA | Earl L. White | KNRC | 500 |
| KNRC | Santa Monica, CA | Pickwick Bcsting. Corp. | KELW | 500 |

790 kilocycles

| | | | | |
|-----|-----------------|--|--|-------|
| WGY | Schenectady, NY | General Electric Co. (limited time) (See General Order No. 42) | | 50000 |
| KGO | Oakland, CA | General Electric Co. | | 10000 |

800 kilocycles

| | | | | |
|------|-----------------|--|------|-------|
| WSAI | Mason, OH | Crosley Radio Corp. (Lessee) (limited time) | | 5000 |
| WBAP | Ft. Worth, TX | Carter Publications (Inc.) (See General Order No. 42) | KTHS | 50000 |
| KTHS | Hot Springs, AR | Hot Springs Chamber of Commerce (C.P. issued) | WBAP | 5000 |

810 kilocycles

| | | | | |
|------|-----------------|-------------------------------------|--|-------|
| WPCH | New York, NY | Concourse Radio Corp. (daylight) | | 500 |
| WCCO | Minneapolis, MN | Washburn-Crosby Co. | | 10000 |

820 kilocycles

| | | | | |
|------|----------------|---|--|-------|
| WHAS | Louisville, KY | The Courier Journal and the Louisville Times Co. (C.P) | | 10000 |
|------|----------------|---|--|-------|

830 kilocycles

| | | | | |
|-----|------------|----------------------|--|-------|
| KOA | Denver, CO | General Electric Co. | | 12500 |
|-----|------------|----------------------|--|-------|

840 kilocycles (Canadian exclusive)

850 kilocycles

| | | | | |
|------|-----------------|-----------------------------|------|-------|
| KWKH | Kennonwood, LA | W.K. Henderson | WWL | 20000 |
| WWL | New Orleans, LA | Loyola Univ. (C.P. issued) | KWKH | 5000 |
| KFQZ | Hollywood, CA | Taft Radio and Broadcasting | | 1000 |

Co. (Inc.) (limited time)

860 kilocycles

| | | | | |
|-----------|--------------|-------------------------|--|------|
| WABC-WBOQ | New York, NY | Atlantic Bcsting. Corp. | | 5000 |
|-----------|--------------|-------------------------|--|------|

870 kilocycles

| | | | | |
|-----------|-------------|---------------------------------------|-----------|------|
| WLS | Crete, IL | Sears-Roebuck & Co. | WENR-WBCN | 5000 |
| WENR-WBCN | Chicago, IL | Great Lakes Radio Broadcasting Co. | WLS | 5000 |
| | | (See General Order No. 42) | | |

880 kilocycles (Canadian shared)

| | | | | |
|------|--------------|-----------------------------|------|-----|
| WQAN | Scranton, PA | Scranton Times | WGBI | 250 |
| WGBI | Scranton, PA | Scranton Broadcasters (Inc) | WQAN | 250 |
| WCOC | Columbus, MS | Crystal Oil Co. | | 500 |
| KLX | Oakland, CA | Tribune Publishing Co. | | 500 |
| KPOF | Denver, CO | Pillar of Fire (Inc.) | KFKA | 500 |
| KFKA | Greeley, CO | Colorado St. Teachers Col. | KPOF | 500 |

890 kilocycles (Canadian shared)

| | | | | |
|------|-----------------|--|-----------|----------------|
| WJAR | Providence, RI | The Outlet Co. | | 250 |
| WMMN | Fairmont, WV | Holt Rowe Novelty Co. (daylight) | | 500-D 250-N |
| WMAZ | Macon, GA | Mercer University | WGST | 500-D 250-N |
| WGST | Atlanta, GA | Georgia School of Tech. | WMAZ | 500-N 250-N |
| KGJF | Little Rock, AR | First Church of Nazarene | | 250 |
| WNAX | Yankton, SD | Gurney Seed and Nursery Co. and Radio Apparatus Co. | KFNF-KUSD | 500 |
| KFNF | Shenandoah, IA | Henry Field Seed Co. | WNAX-KUSD | 500 |

900 kilocycles

| | | | | |
|-----------|-------------------|--|------|------|
| WFBL | Syracuse, NY | The Onondaga Co. (Inc.) | WMAK | 750 |
| WMAK | Martinsville, NY | WMAK Bcsting. Sys. (Inc.) | WFBL | 750 |
| WKY | Oklahoma City, OK | WKY Radiophone Co. | | 1000 |
| WFLA-WSUN | Clearwater, FL | Clearwater Chamber of Com. and St. Petersburg C of C. | | 1000 |
| WLBL | Stevens Point, WI | Wisconsin Dept. of Markets (daylight) | | 5000 |
| KHJ | Los Angeles, CA | Don Lee (Inc.) | | 1000 |
| KSEI | Pocatello, ID | KSEI Bcsting. Assoc. | | 250 |
| KGBU | Ketchikan, AK | Alaska Radio & Service Co. | | 500 |

910 kilocycles (Canadian exclusive)

920 kilocycles

| | | | | |
|------|-------------|-------------------------------|--|------|
| WWJ | Detroit, MI | The detroit News | | 1000 |
| KPRC | Houston, TX | Houston Printing Co. | | 1000 |
| WAAF | Chicago, IL | Drovers Journal Pub. Co. | | 500 |
| | | (daylight) | | |
| KOMO | Seattle, WA | Fisher's Blend Stations (Inc) | | 1000 |

930 kilocycles

| | | | | |
|------|--|---|------|----------------|
| WIBG | Elkins Park, PA | St. Paul's Protestant Episcopal Church (daylight) | | 50 |
| WDBJ | Roanoke, VA | Richardson-Wayland Electric Corp. | | 500-D 250-N |
| WBRC | Birmingham, AL | Birmingham Bcsting. Co.(Inc) | | 500 |
| KGBZ | York, NE | George R. Miller (C.P.) | KMA | 500 |
| | Stations KGES, KGBY, KGCH, KGEO and KGDW to combine as KGBZ. | | | |
| KMA | Shenandoah, IA | May Seed & Nursery Co. | KGBZ | 500 |
| KFWM | Oakland, CA | Oakland Edu. Society | KFWI | 500 |
| KFWI | San Francisco, CA | Radio Entertainments, (Inc.) | KFWM | 500 |

940 kilocycles

| | | | | |
|------|------------------|-----------------------------|------|------|
| WCSH | Portland, ME | Congress Square Hotel Co. | | 500 |
| WFIW | Hopkinsville, KY | The Acme Mills (Inc.) | | 1000 |
| KOIN | Portland, OR | KOIN, (Inc.) | | 1000 |
| KGU | Honolulu, HI | Marlon A. Mulrony | | 500 |
| KFEL | Denver, CO | Eugene P. O'Fallon (Inc.) | KFXF | 250 |
| KFXF | Denver, CO | Pikes Peak Broadcasting Co. | KFEL | 250 |

950 kilocycles

| | | | | |
|-----------|------------------|--|-----------|------|
| WRC | Washington, DC | Radio Corp. of America | | 500 |
| KMBC-KLDS | Independence, MO | Midland Bcsting Co. and the Reorganized church of Jesus Christ of Latter Day Saints (limited to 9pm) | WHB | 1000 |
| WHB | Kansas City, MO | Sweeney Auto School Co. | KMBC-KLDS | 1000 |
| KFWB | Los Angeles, CA | Warner Bros. Bcsting. Corp. | KPSN | 1000 |
| KPSN | Pasadena, CA | Pasadena Star-News Pub. Co. | KFWB | 1000 |
| KGHL | Billings, MT | Northwestern Auto Supply Co. (Inc.) | | 500 |

960 kilocycles (Canadian exclusive)

970 kilocycles

| | | | | |
|------|-------------|---|--|-------|
| WCFL | Chicago, IL | Chicago Federation of Labor (C.P. issued for limited time) (See General Order No. 42) | | 50000 |
| KJR | Seattle, WA | Northwest Radio Service Co. | | 5000 |

980 kilocycles

| | | | | |
|-----------|--------------------------------------|--|-----------|-------|
| KDKA | Pittsburgh, PA | Westinghouse Electric & Manufacturing Co. | | 50000 |
| | 990 kilocycles | | | |
| WBZ | East Springfield, MA | Westinghouse Electric & Manufacturing Co. | WBZA | 15000 |
| WBZA | Boston, MA | Westinghouse Electric & Manufacturing Co. | | 500 |
| | 1000 kilocycles | | | |
| KGFH | Glendale, CA | Frederick Robinson (Ltd.) | | 250 |
| WHO | Des Moines, IA | Bankers Life Co. | WOC | 5000 |
| WOC | Davenport, IA | Palmer Sch. of Chiropractic | WHO | 5000 |
| | 1010 kilocycles | | | |
| WQAO-WPAP | New York, NY | Calvary Baptist Church | WHN-WRNY | 250 |
| WHN | New York, NY | George Schubel | WQAO-WPAP | 250 |
| | | | WRNY | |
| WRNY | New York, NY | Experimenter Publishing Co. | WQAO-WPAP | 250 |
| | | | WHN | |
| KGGF | Picker, OK | D.L. Connell, M.D. | WNAD | 500 |
| WNAD | Norman, OK | University of Oklahoma | KGGF | 500 |
| WJBB | Sarasota, FL | Sarasota County Chamb. Com. | | 250 |
| KQW | San Jose, CA | First Baptist Church | | 500 |
| | 1020 kilocycles | | | |
| KYW-KFKX | Chicago, IL | Westinghouse Electric & Manufacturing Co. | | 5000 |
| | 1030 kilocycles (Canadian exclusive) | | | |
| | 1040 kilocycles | | | |
| WKEN | Buffalo, NY | Radio Station WKEN (Inc.) (limited time) | | 1000 |
| WKAR | East Lansing, MI | Michigan State College (daylight) | | 500 |
| WFAA | Dallas, TX | Dallas Morning News (C.P. issued for 50000 watts) (See General Order No. 42) | | 5000 |
| KRLD | Dallas, TX | KRLD (Inc.) (See General Order No. 42) | WFAA | 10000 |
| | 1050 kilocycles | | | |
| WFBM | Indianapolis, IN | Indianapolis Power & Light Co. (C.P.) (limited time) | | 25000 |

| | | | | |
|-----------|-------------------|--|----------|-------|
| | | (See General Order No. 42) | | |
| KNX | Hollywood, CA | Western Broadcast Co. | | 5000 |
| | 1060 kilocycles | | | |
| WBAL | Baltimore, MD | Consolidated Gas, Electric Light & Power Co. | WTIC | 5000 |
| WTIC | Hartford, CT | Travelers Insurance Co. (temporarily assigned to 600kc, 250 watts, pending completion of transmitter) | C.P. for | 50000 |
| WJAG | Norfolk, NE | Norfolk Daily News (limited time) | | 500 |
| KWJJ | Portland, OR | Wilber Jerman (limited time) | | 500 |
| | 1070 kilocycles | | | |
| WAAT | Jersey City, NJ | (300 days til 6pm. but not after sunset at Cleveland, OH) | | |
| WTAM | Cleveland, OH | WTAM & WEAR (Inc.) | WEAR | 3500 |
| WEAR | Cleveland, OH | WTAM & WEAR (Inc.) | WTAM | 1000 |
| WCAZ | Carthage, IL | Carthage College (daylight) | | 100 |
| WDZ | Tuscola, IL | James L. Bush (daylight) | | 100 |
| | 1080 kilocycles | | | |
| WBT | Charlotte, NC | C.C. Coddington (C.P.) | | 10000 |
| WCBD | Zion, IL | Wilbur Glenn Voliva (limited time) | WMBI | 5000 |
| WMBI | Chicago, IL | The Moody Bible Institute of Chicago (limited time) | WCBD | 5000 |
| | 1090 kilocycles | | | |
| KMOX-KFQA | St. Louis, MO | Voice of St. Louis (Inc.) | | 5000 |
| | 1100 kilocycles | | | |
| WPG | Atlantic City, NJ | Municip. of Atlantic City | WLWL | 5000 |
| WLWL | New York, NY | Missionary Soc. of St. Paul the Apostle (6pm to 8pm) | WPG | 5000 |
| KJBS | San Francisco, CA | Julius Brunton & Sons Co. (daylight) | | 100 |
| | 1110 kilocycles | | | |
| WRVA | Richmond, VA | Larus & Bro. Co. (Inc.) (C.P. issued) | | 5000 |
| KSOO | Sioux Falls, SD | Sioux Falls Bcsting. Assoc. (limited time) | | 1000 |

1120 kilocycles

| | | | |
|------|---------------------|------------------------------|----------|
| WFBR | Baltimore, MD | Baltimore Radio Show (Inc.) | 250 |
| WBAK | Harrisburg, PA | PA State Police (daylight) | 500 |
| WCOA | Pensacola, FL | City of Pensacola | 500 |
| WTAW | College Station, TX | Ag. and Mech. College of TX | KUT 500 |
| KUT | Austin, TX | University of Texas | WTAW 500 |
| WISN | Milwaukee, WI | Evening Wisconsin Co. | WHAD 250 |
| WHAD | Milwaukee, WI | Marquette University | WISN 250 |
| KFSG | Los Angeles, CA | Echo Park Evangelical Assoc. | KMIC 500 |
| KMIC | Inglewood, CA | James R. Fouch | KFSG 500 |
| KRSC | Seattle, WA | Radio Sales Corp. (daylight) | 50 |

1130 kilocycles

| | | | |
|------|--------------------|---|------|
| WOV | New York, NY | International Bcsting. Corp. (daylight to 6pm) | 1000 |
| KFKB | Milford, KS | The KFKB Bcsting. Assoc. (limited time) | 5000 |
| KSL | Salt Lake City, UT | Radio Service Corp. of Utah (C.P. issued) | 5000 |

1140 kilocycles

| | | | |
|------|------------|--|------|
| WAPI | Auburn, AL | Alabama Polytechnic Inst. (C.P. issued) | 5000 |
| KVOO | Tulsa, OK | Southwestern Sales Corp. (C.P. issued) | 5000 |

1150 kilocycles

| | | | |
|------|---------------|--|------|
| WHAM | Rochester, NY | Stromberg-Carlson Telephone Manufacturing Co. | 5000 |
| KGDM | Stockton, CA | E.F. Peffer (daylight) | 50 |

1160 kilocycles

| | | | |
|------|----------------|------------------------------|-----------|
| WEAN | Providence, RI | The Shepard Co. (daylight) | 500 |
| WWVA | Wheeling, WV | West Virginia Bcsting. Corp. | WOWO 5000 |
| WOWO | Fort Wayne, IN | Main Auto Supply Co. | WWVA 5000 |

1170 kilocycles

| | | | |
|------|------------------|---|------|
| WCAU | Philadelphia, PA | Universal Broadcasting Co. (C.P. issued) | 5000 |
| KTNT | Muscatine, IA | Norman Baker (limited time) | 5000 |

1180 kilocycles

| | | | |
|------|----------------|---------------------------------------|-------|
| WGBS | Astoria, NY | Gimbel Bros. (Inc.) (limited time) | 500 |
| WJJD | Mooseheart, IL | Supreme Lodge of the World, | 20000 |

Loyal Order of Moose (C.P.
issued; limited time)

| | | | | |
|-----|-------------------|-----------------------------|-----|-------|
| KEX | Portland, OR | Western Broadcasting. Co. | | 5000 |
| KOB | State College, NM | NM College Ag. & Mech. Arts | KEX | 10000 |

1190 kilocycles

| | | | | |
|------|-----------------|------------------------------|------|------|
| WRR | Dallas, TX | City of Dallas (C.P. issued) | WOAI | 5000 |
| WOAI | San Antonio, TX | Southern Equipment Co. | WRR | 5000 |

1200 kilocycles (local)

| | | | | |
|------|------------------|-------------------------------|------|-----|
| WABI | Bangor, ME | First Universalist Church | | 100 |
| WCAX | Burlington, VT | University of Vermont | WNBX | 100 |
| WEPS | Gloucester, MA | Matheson Radio Co. (Inc.) | WKBE | 100 |
| WIBX | Utica, NY | WIBX (Inc.) | | 100 |
| WKBE | Webster, MA | K. & B. Electric Co. | WEPS | 100 |
| WNBX | Springfield, VT | First Cong. Church Corp. | WCAX | 10 |
| WBBW | Norfolk, VA | Ruffner Junior H.S. | | 100 |
| WFBE | Cincinnati, OH | Parkview Hotel | | 100 |
| WHBC | Canton, OH | St. John's Catholic Church | | 10 |
| WLAP | Okalona, KY | Amer. Bcsting. Corp. of KY | | 30 |
| WLBG | Petersburg, VA | Robert Allen Gamble | | 100 |
| WNBO | Washington, PA | John Brownlee Spriggs | | 15 |
| WNBW | Carbondale, PA | Home Cut Glass & China Co. | | 5 |
| WPRC | Harrisburg, PA | Wilson Printing & Radio Co. | WKJC | 100 |
| WKJC | Lancaster, PA | Kirk Johnson & Co. | WPRC | 100 |
| WQBJ | Clarksburg, WV | John Raikes (C.P. issued) | | 65 |
| WABZ | New Orleans, LA | Coliseum Pl. Baptist Church | WJBW | 100 |
| WJBW | New Orleans, LA | C. Carlson, jr. | WABZ | 30 |
| WBBY | Charleston, SC | Washington Light Infantry | | 75 |
| WBBZ | Ponca City, OK | C.L. Carrell | | 100 |
| WFBC | Knoxville, TN | First Baptist Church | | 50 |
| WRBL | Columbus, GA | R.E. Martin | | 50 |
| KGCU | Mandan, ND | Mandan Radio Assoc. | | 100 |
| WJBC | La Salle, IL | Hummer Furniture Co. | WJBL | 100 |
| WJBL | Decatur, IL | William Gushard Dry Goods Co. | WJBC | 100 |
| WWAE | Hammond, IN | Dr. George F. Courier | WRAF | 100 |
| WRAF | La Porte, IN | The Radio Club (Inc.) | WWAE | 100 |
| WJAM | Waterloo, IA | Waterloo Broadcasting Co. | KFJB | 100 |
| KFJB | Marshalltown, IA | Marshall Electric Co. | WJAM | 100 |
| WCAT | Rapid City, SD | SD St. School of Mines | | 100 |
| KGDY | Oldham, SD | J. Albert Loesch | | 15 |
| WMAY | St. Louis, MO | Kingshighway Presby. Church | KFWF | 100 |
| KFWF | St. Louis, MO | St. Louis Truth Center (Inc) | WMAY | 100 |
| KFKZ | Kirksville, MO | NE Missouri St. Teach. Col. | | 50 |
| KGDE | Barrett, MN | Jaren Drug Co. | | 50 |
| KGFK | Hallock, MN | Kittson County Enterprise | | 50 |
| WCLO | Kenosha, WI | C.E. Whitmore | WRJN | 100 |
| WHBY | West De Pere, WI | St. Norbert's College | | 50 |
| WRJN | Racine, WI | Racine Broadcasting Corp. | WCLO | 100 |
| KFWC | Ontario, CA | James R. Fouch | KPPC | 100 |
| KPPC | Pasadena, CA | Pasadena Presbyterian Church | KFWC | 50 |
| KGEN | El Centro, CA | E.R. Ireby and F.M. Bowles | | 100 |
| KMJ | Fresno, CA | The Fresno Bee | | 100 |
| KSMR | Santa Maria, CA | Santa Maria Valley R.R. Co. | | 100 |
| KWG | Stockton, CA | Portable Wireless Tele. Co. | | 100 |

| | | | | |
|------|-----------------|------------------------------|------|--------------|
| KGEK | Yuma, CO | Beehler Elect. Equip. Co. | KGEW | 50 |
| KGEW | Fort Morgan, CO | City of Fort Morgan | KGEK | 100 |
| KFHA | Gunnison, CO | Western St. Col. of Colorado | | 50 |
| KVOS | Bellingham, WA | L. Kessler | | 100 |
| KGY | Lacey, WA | St. Martin's College | | 50-D 10-N |

1210 kilocycles

| | | | | |
|-----------|--------------------|--|--------------------|-----|
| WJBI | Redbank, NJ | Robert S. Johnson | WCOH-WGBB- WINR | 100 |
| WGBB | Freeport, NY | Harry H. Carman | WCOH-WJBI- WINR | 100 |
| WINR | Bayshore, NY | Radiotel Mfg. Co. (Inc.) | WCOH-WJBI- WGBB | 100 |
| WCOH | Greenville, NY | Westchester Bcsting. Corp. | WJBL-WGBB- WINR | 100 |
| WOCL | Jamestown, NY | A.E. Newton | | 25 |
| WLCI | Ithaca, NY | Lutheran Assoc. of Ithaca | | 50 |
| WFCI | Pawtucket, RI | Frank Crook (Inc.) | WDWF-WLSI | 100 |
| WDWF-WLSI | Cranston, RI | Dutee W. Flint and the Lincoln Studios (Inc.) | WFCI | 100 |
| WMAN | Columbus, OH | W.E. Hoskitt | | 50 |
| WLBV | Mansfield, OH | Mansfield Bcsting. Assoc. | | 100 |
| WEBE | Cambridge, OH | Roy W. Waller | | 100 |
| WBAX | Wilkes-Barre, PA | John H. Stenger | WJBU | 100 |
| WJBU | Lewisburg, PA | Bucknell University | WBAX | 100 |
| WTAZ | Richmond, VA | W. Reynolds, jr. and T.J. McGuire. | WMBG | 150 |
| WMBG | Richmond, VA | Havens & Martin (Inc.) | WTAZ | 100 |
| WSLX | Springfield, TN | 638 Tire & Vulcanizing Co. | | 100 |
| WRBU | Gastonia, NC | A.J. Kirby Music Co. | | 100 |
| WJBY | Gadsden, AL | Electric Consolidated Co. | | 50 |
| WMBR | Tampa, FL | F.J. Reynolds | | 100 |
| WRBQ | Greenville, MS | J. Pat Scully | | 100 |
| WGCM | Gulfport, MS | Gulf Coast Music Co. (Inc.) | | 100 |
| KFDX | Shreveport, LA | First Baptist Church | KWEA | 100 |
| KWEA | Shreveport, LA | William E. Anthony | KFDX | 100 |
| KDLR | Devils Lake, ND | Radio Electric Co. | | 100 |
| KGCR | Brookings, SD | Cutler's Bcsting. Service | | 100 |
| KFOR | Lincoln, NE | Howard A. Shuman | | 100 |
| WHBU | Anderson, IN | Citizens Bank | | 100 |
| KFVS | Cape Girardeau, MO | Hirsch Battery & Radio Co. | WEBQ | 100 |
| WEBQ | Harrisburg, IL | Tate Radio Co. | KFVS | 50 |
| WSBC | Chicago, IL | World Battery Co. | WEDC-WCRW | 100 |
| WCRW | Chicago, IL | Clinton R. White | WEDC-WSBC | 100 |
| WEDC | Chicago, IL | Emil Denemark (Inc.) | WSBC-WCRW | 100 |
| WCBS | Springfield, IL | Harold L. Dewing and Charles Messter | WTAX | 100 |
| WTAX | Streator, IL | Williams Hardware Co. | WCBS | 50 |
| WHBF | Rock Island, IL | Beardsley Specialty Co. | | 100 |
| WIBA | Madison, WI | Capital Times-Strand Theater Station. | | 100 |
| WOMT | Manitowoc, WI | Mikadow Theater | | 100 |
| KGDP | Pueblo, CO | Pueblo Council, Boy Scouts of America. | | 10 |
| KFEY | Kellogg, ID | Union High School | | 10 |
| KPQ | Seattle, WA | Archie Taft and Louis Wasmer | KPCB | 100 |
| KPCB | Seattle, WA | Pacific Coast Biscuit Co. | KPQ | 100 |

1220 kilocycles

| | | | | |
|------|----------------|-------------------------------|------|------|
| WCAD | Canton, NY | St. Lawrence Univ. (daylight) | | 500 |
| WCAE | Pittsburgh, PA | Kaufman & Baer Co. | | 500 |
| WREN | Lawrence, KS | Jenny Wren Co. | KFKU | 1000 |
| KFKU | Lawrence, KS | University of Kansas | WREN | 1000 |

1230 kilocycles

| | | | | |
|-----------|-------------------|------------------------------------|-----------|------|
| WNAC-WBIS | Boston, MA | The Shepard Stores | | 500 |
| WPSC | State College, PA | PA State College (daylight) | | 500 |
| WSBT | South Bend, IN | South Bend Tribune | WFBM-WCWK | 500 |
| WFBM | Indianapolis, IN | Indianapolis Power & Light Company | WCWK-WSBT | 500 |
| WCWK | Fort Wayne, IN | Chester W. Keen | WFBM-WSBT | 500 |
| KYA | San Francisco, CA | Pacific Broadcasting Corp. | | 1000 |
| KFIO | Spokane, WA | North Central H.S. (daylight) | | 100 |
| KFQD | Anchorage, AK | Anchorage Radio Club | | 100 |

1240 kilocycles

| | | | | |
|------|-----------------|-------------------------------------|------|------|
| WGHP | Fraser, MI | Geo. Harrison Phelps (Inc.) | | 750 |
| KFQB | Fort Worth, TX | W.B. Fishburn (Inc.) | WJAD | 1000 |
| WJAD | Waco, TX | Frank P. Jackson | KFQB | 1000 |
| WQAM | Miami, FL | Electric Equipment Co. | WIOD | 750 |
| WIOD | Miami Beach, FL | Isle of Dreams Bcsting. Co. | WQAM | 1000 |
| WRBC | Valparaiso, IN | Immanuel Lutheran Church (daylight) | | 500 |

1250 kilocycles

| | | | | |
|----------|-------------------|--|-----------|------|
| WGCP | Newark, NJ | May Radio Broadcasting Corp. | WODA-WAAM | 500 |
| WODA | Paterson, NJ | Richard R. O'Dea | WAAM-WGCP | 1000 |
| WAAM | Newark, NJ | WAAM (Inc.) | WODA-WGCP | 250 |
| WLB-WGMS | Minneapolis, MN | Univ. of Minnesota | WRHM-KFMX | 1000 |
| WRHM | Fridley, MN | Rosedale Hospital Co. (Inc.) | WLB-KFMX | 1000 |
| KFMX | Northfield, MN | Carleton College | WLB-WRHM | 1000 |
| WCAL | Northfield, MN | St. Olaf College | WLB-WRHM | 1000 |
| KFON | Long Beach, CA | Nichols & Warinner (Inc.) | KEJK | 1000 |
| KEJK | Beverly Hills, CA | R.S. Macmillan | KFON | 500 |
| KXL | Portland, OR | KXL Broadcasters (Inc.) | KFAU | 500 |
| KFAU | Boise, ID | Frank L. Hill and C.G. Phillips d/b as Boise Bcst. Station | KXL | 1000 |

1260 kilocycles

| | | | | |
|------|------------------|-------------------------|--|------|
| WLBW | Oil City, PA | Petroleum Telephone Co. | | 500 |
| WJAX | Jacksonville, FL | City of Jacksonville | | 1000 |

| | | | | |
|------|--------------------|---------------------|------|------|
| KWWG | Brownsville, TX | Chamber of Commerce | KRGV | 500 |
| KRGV | Harlingen, TX | Harlingen Music Co. | KWWG | 500 |
| KOIL | Council Bluffs, IA | Mona Motor Oil Co. | | 1000 |

1270 kilocycles

| | | | | |
|------|----------------------|---|------|------|
| WRHF | Washington, DC | American Broadcasting Co. (daylight) | | 150 |
| WEAI | Ithaca, NY | Cornell University (daylight) | | 500 |
| WASH | Grand Rapids, MI | Baxter Laundries (Inc.) | WOOD | 250 |
| WOOD | Grand Rapids, MI | Walter B. Stiles (Inc.) | WASH | 500 |
| WDSU | New Orleans, LA | Joseph H. Uhalt | | 1000 |
| KWLC | Decorah, IA | Luther College (daylight) | KGCA | 50 |
| KGCA | Decorah, IA | Chas. W. Greenley (daylight) | KWLC | 50 |
| KTW | Seattle, WA | First Presbyterian Church | KFOA | 1000 |
| KFOA | Seattle, WA | Rhodes Department Stores | KTW | 1000 |
| KFUM | Colorado Springs, CO | W.D. Corley | | 1000 |

1280 kilocycles

| | | | | |
|------|-----------------|--|-----------|------|
| WCAM | Camden, NJ | City of Camden | WOAX-WCAP | 500 |
| WCAP | Asbury Park, NJ | Radio Industries Bcsting. Co. | WCAM-WOAX | 500 |
| WOAX | Trenton, NJ | Franklyn J. Wolff | WCAM-WCAP | 500 |
| WDOD | Chattanooga, TN | Chattanooga Radio Co. (Inc.) | | 1000 |
| WDAY | Fargo, ND | WDAY (Inc.) | WEBC | 1000 |
| WEBC | Superior, WI | Head of the Lakes Bcsting. Company. | WDAY | 1000 |
| KTAB | Oakland, CA | Associated Broadcasters | | 500 |

1290 kilocycles

| | | | | |
|------|--------------------|-------------------------------|------|------|
| WNBZ | Saranac Lake, NY | Smith & Mace (daylight) | | 10 |
| WJAS | Pittsburgh, PA | Pittsburgh Radio Supply House | | 1000 |
| KTSA | San Antonio, TX | Lone Star Bcst. Co. (Inc.) | KFUL | 1000 |
| KFUL | Galveston, TX | Will H. Ford (daylight) | KTSA | 500 |
| KLCN | Blytheville, AR | Daily Courier News (daylight) | | 50 |
| KDYL | Salt Lake City, UT | Intermountain Bcsting. Corp. | | 1000 |

1300 kilocycles

| | | | | |
|------|-----------------|-----------------------------------|-----------|------|
| WBBR | Rossville, NY | Peoples Pulpit Assoc. | WHAP-WEVD | 1000 |
| | | | WHAZ | |
| WHAP | New York, NY | Defenders of Truth Assoc. Inc. | WBBR-WEVD | 1000 |
| | | | WHAZ | |
| WEVD | Woodhaven, NY | Debs Memorial Radio Fund | WBBR-WHAP | 500 |
| | | | WHAZ | |
| WHAZ | Troy, NY | Rensselaer Polytech. Inst. | WBBR-WHAP | 500 |
| | | | WEVD | |
| KFH | Wichita, KS | Hotel Lassen | WIBW | 1000 |
| WIBW | Topeka, KS | C.L. Carrell | KFH | 1000 |
| KGEF | Los Angeles, CA | Trinity Methodist Church | KTBI | 1000 |
| KTBI | Los Angeles, CA | Bible Inst. of Los Angeles | KGEF | 1000 |
| KFJR | Portland, OR | Ashley C. Dixon & Son | KTBR | 500 |
| KTBR | Portland, OR | M.E. Brown | KFJR | 500 |

1310 kilocycles

| | | | | |
|------|-------------------|---|-----------|-----|
| WKAV | Laconia, NH | Laconia Radio Club | | 50 |
| WEBR | Buffalo, NY | H.H. Howell | | 100 |
| WSMD | Salisbury, MD | Tom F. Little | | 100 |
| WNBH | New Bedford, MA | New Bedford Bcsting. Co. (Inc) | | 100 |
| WNEW | Newport News, VA | Virginia Bcsting. Co. (Inc.) | | 100 |
| WRK | Hamilton, OH | S.W. Doran and John C. Slade | | 100 |
| WAGM | Royal Oak, MI | Robert L. Miller | WBMH | 50 |
| WBMH | Detroit, MI | Braun's Music House | WAGM | 100 |
| WFDF | Flint, MI | Frank D. Fallain | | 100 |
| WNAT | Philadelphia, PA | Lennig Bros. Co. | WFKD-WABY | 100 |
| WABY | Philadelphia, PA | John Magaldi, jr. | WFKD-WNAT | 50 |
| WFKD | Frankford, PA | Foulkrod Radio Eng. Co. | WNAT-WABY | 50 |
| WHBP | Johnstown, PA | Johnstown Auto Co. | WFBG | 100 |
| WFBG | Altoona, PA | William F. Gable Co. | WHBP | 100 |
| WRAW | Reading, PA | Avenue Radio & Electric Shop | WGAL | 100 |
| WGAL | Lancaster, PA | Lancaster Electrical Supply & Construction Co. | WRAW | 15 |
| WSAJ | Grove City, PA | Grove City College | | 100 |
| WERE | Wilkes-Barre, PA | Louis G. Baltimore | | 100 |
| WMBL | Lakeland, FL | Benford's Radio Studios | | 100 |
| WKBC | Birmingham, AL | H.L. Ansley | | 10 |
| WRBW | Columbus, SC | Paul S. Pearce | | 100 |
| KGHG | McGeehee, AR | Charles W. McCollum | | 100 |
| WTHS | Atlanta, GA | Atlanta Technical H.S. | WRBI | 100 |
| WRBI | Tifton, GA | Kents Furniture and Music Store. | WTHS | 20 |
| WOBT | Union City, TN | Tittsworth's Radio and Music Shop | | 15 |
| WNBJ | Knoxville, TN | Lonsdale Baptist Church | | 50 |
| KRMD | Shreveport, LA | Robert M. Dean | KGGH | 50 |
| KGGH | Cedar Grove, LA | Bates Radio & Electric Co. | KRMD | 50 |
| KFPM | Greenville, TX | The New Furniture Co. | | 15 |
| WDAH | El Paso, TX | Trinity Methodist Church | | 100 |
| KGFI | San Angelo, TX | San Angelo Broadcasting Co. | | 100 |
| KFPL | Dublin, TX | C.C. Baxter | | 15 |
| KFXR | Oklahoma City, OK | Exchange Ave. Baptist Church | | 100 |
| WKBS | Galesburg, IL | Permil N. Nelson | WLBO | 100 |
| WLBO | Galesburg, IL | Fred A. Trebbe, jr. | WKBS | 100 |
| WEHS | Evanston, IL | Victor C. Carlson | WCLS-WKBB | 100 |
| | | | WKBI-WHFC | |
| WCLS | Joliet, IL | WCLS (Inc.) | WEHS-WKBB | 100 |
| | | | WKBI-WHFC | |
| WKBB | Joliet, IL | Sanders Bros. | WEHS-WCLS | 100 |
| | | | WKBI-WHFC | |
| WKBI | Chicago, IL | Fred Schoenwolf | WEHS-WCLS | 50 |
| | | | WKBB-WHFC | |
| WHFC | Chicago, IL | Goodson & Wilson (Inc.) | WEHS-WCLS | 100 |
| | | | WKBB-WKBI | |
| KWCR | Cedar Rapids, IA | Harry F. Paar | KFJY | 100 |
| KFJY | Fort Dodge, IA | C.S. Tunwall | KWCR | 100 |
| KFGQ | Boone, IA | Boone Biblical College | | 10 |
| WBOW | Terre Haute, IN | Banks of Wabash Bcsting. Association | | 100 |
| WJAK | Kokomo, IN | J.A. Kautz (Kokomo Tribune) | WLBC | 50 |
| WIBC | Muncie, IN | Donald A. Burton | WJAK | 50 |
| WIBU | Poynette, WI | William C. Forrest | | 100 |

| | | | | |
|------|----------------|-----------------------------------|------|-----|
| KFBK | Sacramento, CA | Kimball-Upson Co. | | 100 |
| KFCB | Phoenix, AZ | Nielson Radio Supply Co. | | 100 |
| KFIU | Juneau, AK | Alaska Electric Light & Power Co. | | 10 |
| KGEZ | Kalispell, MT | Flathead Bcsting. Assoc. | | 100 |
| KFXJ | Edgewater, CO | R.G. Howell | KFUP | 50 |
| KFUP | Denver, CO | Fitzsimmons General Hospital | KFXJ | 100 |

1320 kilocycles

| | | | | |
|------|-----------------|--|------|------|
| WADC | Akron, OH | Allen T. Simmons | | 1000 |
| WSMB | New Orleans, LA | Saenger Theaters (Inc.) and Maison Blanche Co. | | 750 |
| KGIO | Idaho Falls, ID | Jack W. Duckworth, jr. | KGIO | 250 |
| KGIO | Twin Falls, ID | Stanley M. Soule | KGIO | 250 |
| KGHF | Pueblo, CO | Curtis P. Ritchie and Joe E. Finch. | | 250 |
| KGHB | Honolulu, HI | Radio Sales Co. | | 250 |

1330 kilocycles

| | | | | |
|------|----------------|-------------------------|------|------|
| WDRC | New Haven, CT | Doolittle Radio Corp. | WCAC | 500 |
| WCAC | Starrs, CT | Connecticut Ag. College | WDRC | 500 |
| WTAQ | Eau Claire, WI | Gillette Rubber Co. | KSCJ | 1000 |
| KSCJ | Sioux City, IA | Perkins Bros. Co. | WTAQ | 1000 |

1340 kilocycles

| | | | | |
|------|---------------------|------------------------------------|-----|------|
| WSPD | Toledo, OH | Toledo Broadcasting Co. | | 500 |
| KFPW | Siloam Springs, AR | Rev. Lannie P. Stewart (daylight) | | 50 |
| KMO | Tacoma, WA | KMO (Inc.) | KVI | 500 |
| KVI | Near Des Moines, WA | Puget Sound Radio Bcsting. Company | KMO | 1000 |

1350 kilocycles

| | | | | |
|------|---------------|---|-----------|------|
| WBNY | New York, NY | Baruchrome Corp. | WMSG-WCDA | 250 |
| | | | WKBQ | |
| WMSG | New York, NY | Madison Sq. Garden Bcsting. Corporation | WBNY-WCDA | 250 |
| | | | WKBQ | |
| WCDA | New York, NY | Italian Edu. Bcsting. Co. | WBNY-WMSG | 250 |
| | | | WKBQ | |
| WKBQ | New York, NY | Standard Cahill Co. (Inc.) | WBNY-WMSG | 250 |
| | | | WCDA | |
| KWK | St. Louis, MO | Greater St. Louis Bcsting. Corporation | WIL | 1000 |
| WIL | St. Louis, MO | Missouri Bcsting. Corp. | KWK | 1000 |

1360 kilocycles

| | | | | |
|------|---------------------|-------------------------------|------|-----|
| WBET | Medford, MA | Boston Transcript Co. | WMAF | 500 |
| WMAF | South Dartmouth, MA | Round Hills Radio Corp. | WBET | 500 |
| WQBC | Utica, MS | Utica Chamb. of Comm., (Inc.) | | 300 |

| | | | | |
|------|---------------|------------------------------------|------|----------------|
| WJKS | Gary, IN | Johnston-Kennedy Radio Corp. | WGES | 500 |
| WGES | Chicago, IL | Oak Leaves Broadcasting Corp. Inc. | WJKS | 500 |
| KFBB | Harve, MT | Buttrey Broadcast (Inc.) | KGIR | 500-D 250-N |
| KGIR | Butte, MT | Symons Broadcasting Co. | KFBB | 250 |
| KGB | San Diego, CA | Southwestern Bcsting. Corp. | | 250 |

1370 kilocycles

| | | | | |
|------|-------------------|-------------------------------------|------|-----|
| WMBO | Auburn, NY | Radio Service Laboratories | | 100 |
| WSVS | Buffalo, NY | Seneca Vocational School | | 50 |
| WCBM | Baltimore, MD | Hotel Chateau | | 100 |
| WEAM | Plainfield, NJ | W.J. Buttfield | WIAD | 100 |
| WBBL | Richmond, VA | Grace Covenant Presbyterian Church. | | 100 |
| WHBD | Bellefontaine, OH | First Presbyterian Church | | 100 |
| WJBK | Ypsilanti, MI | Ernest F. Goodwin | WIBM | 50 |
| WIBM | Jackson, MI | C.L. Carrell | WJBK | 100 |
| WRAK | Erie, PA | C.R. Cummins | | 50 |
| WIAD | Philadelphia, PA | Howard R. Miller | WEAM | 100 |
| WJBO | New Orleans, LA | Valdemar Jensen | | 100 |
| WHBQ | Memphis, TN | Bcsting. Station WHBQ (Inc.) | | 100 |
| WRBT | Wilmington, NC | Wilmington Radio Association | | 50 |
| KGFG | Oklahoma City, OK | Faith Tabernacle Assoc. (Inc) | KGCB | 50 |
| KGCB | Enid, OK | Wallace Radio Institute | KGFG | 100 |
| KGCI | San Antonio, TX | Liberto Radio Sales | KGRC | 100 |
| KGRC | San Antonio, TX | Eugene J. Roth | KGCI | 100 |
| KFJZ | Fort Worth, TX | Henry Clay Allison | | 100 |
| KGKL | Georgetown, TX | M.L. Gates | | 100 |
| KFLX | Galveston, TX | George Roy Clough | | 100 |
| WFBJ | Collegeville, MN | S.Johns University | | 100 |
| KGDA | Dell Rapids, SD | Home Auto Co. | | 15 |
| KWKC | Kansas City, MO | Wilson Duncan Bcsting. Co. | KGBX | 100 |
| KGBX | St. Joseph, MO | Foster-Hall Tire Co. | KWKC | 100 |
| KGAR | Tucson, AZ | Citizens Publishing Co. | | 100 |
| KFUR | Ogden, UT | Peery Building Co. | | 50 |
| KOH | Reno, NV | Jay Peters (Inc.) | | 100 |
| KZM | Hayward, CA | Leon P. Tenney | KRE | 100 |
| KRE | Berkeley, CA | First Congressional Church | KZM | 100 |
| KGER | Long Beach, CA | C. Merwin Dobyys | | 100 |
| KFBL | Everett, WA | Leese Bros. | KVL | 50 |
| KFEC | Portland, OR | Meir & Frank Co. | KFJI | 100 |
| KVL | Seattle, WA | Arthur C. Baily | KFBL | 100 |
| KFJI | Astoria, OR | George Kincaid | KFEC | 50 |
| KGFL | Raton, NM | Lamont A. Hubbard | | 50 |
| KGGM | Albuquerque, NM | Jay Peters | | 100 |

1380 kilocycles

| | | | | |
|------|-----------------|-----------------------------|------|------|
| WCSO | Springfield, OH | Wittenberg College | KQV | 500 |
| KQV | Pittsburgh, PA | Doubleday-Hill Electric Co. | WCSO | 500 |
| KSO | Clarinda, IA | Berry Seed Co. | WKBH | 1000 |
| WKBH | La Crosse, WI | Callaway Music Co. | KSO | 1000 |

1390 kilocycles

| | | | | |
|------|------------------|---|------|------|
| WHK | Cleveland, OH | Radio Air Service Corp. | | 1000 |
| KLRA | Little Rock, AR | Arkansas Bcsting. Co. | KUOA | 1000 |
| KUOA | Fayetteville, AR | University of Arkansas | KLRA | 1000 |
| KOW | Denver, CO | Associated Industries, Broadcasting (Inc.) | | 500 |
| KWSC | Pullman, WA | State College of Washington | KFPY | 500 |
| KFPY | Spokane, WA | Symons Investment Co. | KWSC | 500 |

1400 kilocycles

| | | | | |
|-----------|------------------|-------------------------------|------------------------|-----|
| WCGU | Coney Island, NY | United States Bcsting. Corp. | WSGH-WSDA WLTH-WBBC | 500 |
| WSGH-WSDA | Brooklyn, NY | Amateur Radio Specialties Co. | WCGU-WLTH WBBC | 500 |
| WLTH | Brooklyn, NY | Voice of Brooklyn (Inc.) | WCGU-WSGH WSDA-WBBC | 500 |
| WBBC | Brooklyn, NY | Brooklyn Bcsting. Corp. | WCGU-WSGH WSDA-WLTH | 500 |
| WBAA | Lafayette, IN | Perdue University | WCMA-WKBF | 500 |
| WCMA | Culver, IN | Culver Military Academy | WBAA-WKBF | 500 |
| WKBF | Indianapolis, IN | Noble Butler Watson | WBAA-WCMA | 500 |

1410 kilocycles

| | | | | |
|------|-----------------|---|-------------------|------|
| WDEL | Wilmington, DE | WDEL (Inc.) | | 500 |
| WSKC | Bay City, MI | James E. Davidson | | 500 |
| KGRS | Amarillo, TX | Gish Radio Service | WDAG | 1000 |
| WDAG | Amarillo, TX | J. Laurence Martin | KGRS | 1000 |
| WHDI | Minneapolis, MN | William Hood Dunwoody Industrial Institute | WDGY-KFLV WHBL | 500 |
| WDGY | Minneapolis, MN | Dr. George W. Young | WHDI-KFLV WHBL | 500 |
| KFLV | Rockford, IL | A.T. Frykman | WHDI-WDGY WHBL | 500 |
| WHBL | Sheboygan, WI | Press Publishing Co. and | KFLV-WDGY WHDI | 500 |

1420 kilocycles

| | | | | |
|------|-------------------|--|-----------|-----|
| KFXY | Flagstaff, AZ | Mary M. Costigan | | 100 |
| KGFJ | Los Angeles, CA | Ben S. McGlashan | | 100 |
| KFQU | Holy City, CA | W.E. Riker | KGTT | 100 |
| KGTT | San Francisco, CA | Glad Tidings Temple and Bible Institute | KFQU | 50 |
| KFXD | Jerome, ID | Service Radio Co. | | 50 |
| KGHD | Missoula, MT | Elmore Nash Bcsting. Corp. | | 50 |
| KGCX | Vida, MT | First State Bank of Vida | | 10 |
| KFIF | Portland, OR | Benson Polytechnic School | | 50 |
| KMED | Medford, OR | W.J. Virgin | | 50 |
| KORE | Eugene, OR | Eugene Broadcast Station | | 100 |
| KKP | Seattle, WA | City of Seattle Harbor Dept. | KFQW | 15 |
| KFQW | Seattle, WA | KFQW (Inc.) | KKP | 100 |
| KXRO | Aberdeen, WA | KXRO (Inc.) | | 75 |
| WLBH | Farmingdale, NY | Joseph J. Lombardi | WHPP-WMRJ | 30 |
| WHPP | New York, NY | Bronx Broadcasting Co. | WLBH-WMRJ | 10 |
| WMRJ | Jamaica, NY | Peter J. Prinz | WLBH-WHPP | 10 |

| | | | | |
|------|------------------|---|------|----------------|
| WLEX | Lexington, MA | Lexington Air Station | WSSH | 250-D 100-N |
| WTBO | Cumberland, MD | Cumberland Electric Co. | | 50 |
| WSSH | Boston, MA | Tremont Temple Baptist Church | WLEX | 100 |
| WSRO | Middletown, OH | Harry W. Farhlander | WAAD | 100 |
| WIBR | Steubenville, OH | Thurman A. Owings | WQBZ | 50 |
| WAAD | Cincinnati, OH | Ohio Mechanics Institute | WSRO | 25 |
| WEDH | Erie, PA | Erie Dispatch Herald | | 30 |
| WMBC | Detroit, MI | Michigan Bcsting. Co. (Inc.) | | 100 |
| WKBP | Battle Creek, MI | Enquirer News Co. | | 50 |
| WQBZ | Weirton, WV | J.H. Thompson | WIBR | 60 |
| KGFF | Alva, OK | Earl E. Hampshire | | 100 |
| KOCW | Chickasha, OK | Chickasha Broadcasting Co. | | 100 |
| WKBT | New Orleans, LA | First Baptist Church | | 50 |
| KTAP | San Antonio, TX | Robert B. Bridge | | 100 |
| KTUE | Houston, TX | Uhalt Electric | | 5 |
| KFYO | Breckenridge, TX | Kirksey Bros. Battery & Electric Co. | | 100 |
| KICK | Red Oak, IA | Atlantic Automobile Co., Red Oak Radio Corp., lessee. | | 100 |
| WIAS | Ottumwa, IA | Poling Electric Co. | | 100 |
| KGCN | Concordia, KS | Concordia Broadcasting Co. | | 50 |
| WLBF | Kansas City, KS | Everett L. Dillard | | 100 |
| WMBH | Joplin, MO | Edwin Dudley Aber | | 100 |
| KGFW | Ravenna, NE | Otto F. Sothman | | 50 |
| KFIZ | Fond du Lac, WI | Fond du Lac Commonwealth Reporter | | 100 |

1430 kilocycles

| | | | | |
|------|--------------|---|------|-----|
| WICC | Easton, CT | Bridgeport Broadcasting Stations (Inc.) | WBRL | 500 |
| WBRL | Tilton, NH | Booth Radio Laboratories | WICC | 500 |
| WMBS | Lemoyne, PA | Mack's Battery Co. | WCAH | 500 |
| WCAH | Columbus, OH | Commercial Radio Service Co. | WMBS | 250 |
| WGBC | Memphis, TN | First Baptist Church (Sunday only). | WNBR | 500 |
| WNBR | Memphis, TN | John Ulrich | WGBC | 500 |

1440 kilocycles

| | | | | |
|-----------|--------------------|--|---------------------------|-----|
| WHEC-WABO | Rochester, NY | Hickson Electric Co. (Inc.) | WMAC-WOKO | 500 |
| WMAC | Cazenovia, NY | Clive B. Meredith | WOKO-WHEC | 500 |
| WOKO | Mount Beacon, NY | Harold E. Smith | WABO WHEC-WABO WMAC | 500 |
| WABF | Kingston, PA | Markle Bcsting. Corp. | WRAX | 250 |
| WRAX | Philadelphia, PA | Berachah Church (Inc.) | WABF | 250 |
| WNRC | Greensboro, NC | Wayne M. Nelson | | 500 |
| WTAD | Quincy, IL | Illinois Stock Medicine Broadcasting Corp. | WMBD | 500 |
| WMBD | Peoria Heights, IL | Peoria Heights Radio Lab. | WTAD | 500 |
| KLS | Oakland, CA | Warner Bros. (day) | | 250 |

1450 kilocycles

| | | | |
|------|-----------------|---|--|
| WBMS | Union City, NJ | WBMS Bcsting. Corp. | WBMS, WNJ, 250 WIBS, and WKBO divide time |
| WNJ | Newark, NJ | Radio Investment Co. | see above 250 |
| WIBS | Elizabeth, NJ | New Jersey Bcsting. Co. | see above 250 |
| WKBO | Jersey City, NJ | Camith Corp. | see above 250 |
| WEAR | Fall River, MA | Doughty & Welch Elect. Co. | 250 |
| WJAY | Cleveland, OH | Cleveland Radio Broadcasting Corporation. | WFJC 500 |
| WFJC | Akron, OH | W.F. Jones Bcsting. (Inc.) | WJAY 500 |
| KSBA | Shreveport, LA | W.G. Patterson | 1000 |
| WTFI | Toccoa, GA | Toccoa Falls Institute | 500 |

1460 kilocycles

| | | | |
|------|----------------------|------------------------------------|-------|
| WTFE | Mt. Vernon Hills, VA | Independent Publishing Co. | 10000 |
| KSTP | Westcott, MN | National Battery Bcsting. Company. | 10000 |

1470 kilocycles

| | | | |
|------|-------------------|---|------|
| WKBW | Amherst, NY | Churchill Evangelical Assoc. Association. | 5000 |
| KFJF | Oklahoma City, OK | National Radio Mfg. Co. | 5000 |
| WRUF | Gainesville, FL | University Radio Service Co. | 5000 |
| KGA | Spokane, WA | Northwest Radio Service Co. | 5000 |

1480 kilocycles

| | | | |
|------|--------------------|----------------------------------|------------------------|
| WJAZ | Mount Prospect, IL | Zenith Radio, Corp. | WHT-WORD 5000 WIBO |
| WHT | Deerfield, IL | Radiophone Bcsting. Corp. | WJAZ-WORD 5000 WIBO |
| WORD | Batavia, IL | Peoples Pulpit Assoc. | WJAZ-WHT 5000 WIBO |
| WIBO | Desplaines, IL | Nelson Bros. Bond & Mortgage Co. | WJAZ-WHT 5000 WORD |

1490 kilocycles

| | | | |
|------|---------------|-------------------------------|-----------|
| WBAW | Nashville, TN | Waldrum Drug Co. | WLAC 5000 |
| WLAC | Nashville, TN | Life & Casualty Insurance Co. | WBAW 5000 |

1500 kilocycles

| | | | |
|------|---------------|----------------------------|-----------------------|
| WMBA | Newport, RI | LeRoy Joseph Beebe | 100 |
| WLOE | Chelsea, MA | William S. Pote | WMES 100 |
| WMES | Boston, MA | Massachusetts Edu. Society | WLOE 50 |
| WNBQ | Rochester, NY | Gordon P. Brown | 15 |
| WNBK | Endicott, NY | Howitt-Wood Radio Co. | 50 |
| WMBQ | Brooklyn, NY | Paul J. Gollhofer | WLBX-WCLB 100 WWRL |

| | | | | |
|------|----------------------|---|-------------------|-----|
| WLBX | Long Island City, NY | John N. Brahy | WMBQ-WCLB WWRL | 100 |
| WCLB | Long Beach, NY | Arthur Faske | WMBQ-WLBX WWRL | 100 |
| WWRL | Woodside, NY | William H. Reuman | WMBQ-WLBX WCLB | 100 |
| WTBQ | Wilmington, DE | E. Brandt Boylan | | 100 |
| WAFD | Detroit, MI | Albert B. Parfet Co. | | 100 |
| WKBZ | Ludington, MI | K.L. Ashbacker | | 50 |
| WMPC | Lapeer, MI | First Methodist Protestant Church | | 30 |
| WCBA | Allentown, PA | B. Bryan Musselman | WSAN | 100 |
| WSAN | Allentown, PA | Allentown Call Pub. Co. | WCBA | 100 |
| WALK | Willow Grove, PA | Albert A. Walker | WHBW-WOO WPSW | 50 |
| WOO | Philadelphia, PA | John Wanamaker | WHBW-WALK WSPW | 100 |
| WHBW | Philadelphia, PA | D.R. Kienzle | WALK-WOO WPSW | 100 |
| WPSW | Philadelphia, PA | Phila. School of Wireless Telegraphy | WALK-WHBW WOO | 50 |
| WIBZ | Montgomery, AL | Alexander D. Trum | | 15 |
| KGHI | Little Rock, AR | Berea Bible Class | | 100 |
| WRBJ | Hattiesburg, MS | Woodruff Furniture Co. | | 10 |
| WMBM | Memphis, TN | Seventh Day Adventist Church | | 10 |
| KGKB | Goldthwaite, TX | Eagle Publishing Co. | | 100 |
| KGDR | San Antonio, TX | Joe B. McShane | | 100 |
| KGHX | Richmond, TX | Fort Bend County Sch. Bd. | | 50 |
| WKBV | Brookville, IN | Knox Battery & Electric Co. | | 100 |
| KPJM | Prescott, AZ | Frank Wilburn | | 100 |
| KWBS | Portland, OR | Schaeffer Radio Co. | | 15 |
| KWTC | Santa Ana, CA | Pacific Bcsting. Federation | KFWO | 100 |
| KFWO | Avalon, CA | Lawrence Mott | KWTC | 100 |
| KFCR | Santa Barbara, CA | Santa Barbara Bcsting. Co. | | 100 |
| KUJ | Long View, WA | Fred W. Lovejoy and R.W. Kerfoot | | 10 |

APPENDIX G (3)

Statement of commission to accompany General Order No. 40 relative to new allocations announced August 30, as effective on October 1, 1928 but postponed under General Order No. 44, issued September 8, 1928, until November 11, 1928

September 10, 1928

General Order No. 40, issued yesterday by the Federal Radio Commission, supplies the official basis for an adjustment in the assignment of the country's broadcasting facilities, under a plan which it is believed will provide an improved standard of radio reception generally, and also distribute the broadcasting channels, powers, and periods of time on the air equally among the five radio zones as directed by the last Congress.

The plan provides for full-time assignments for 100-watt stations equaling in number the total of all other classes of broadcasters put together.

Of the 74 channels made available for high-grade reception, 34 will be

assigned for regional service, permitting 125 full-time positions for this type of station, and 40 channels will be assigned to stations with minimum power of 5000 watts and a maximum to be determined by the commission and announced with the allocation. On these 40 channels only one station will be permitted to operate at any time during night hours, thus insuring clear reception of the station's program, up to the extreme limit of its service range. These 40 channels will be assigned 8 to each of the 5 zones, thus insuring wide geographical distribution of the country's higher-power broadcasting facilities to all sections.

On the 34 channels shared by regional stations, ranging in power from 250 to 1000 watts and assigned 2,3, or 4 per channel, spacings generally of 1000 to 1500 miles have been observed.

Throughout the whole allocation, wide geographical spacings have been observed between stations on adjoining channels in order to eliminate objectionable "cross-talk".

Summarizing, for "local" stations of 50 to 100 watt ratings, 150 full-time positions have been provided, or 30 per zone; 125 regional positions have been provided for 250 to 1000 watt stations; and 40 positions for stations of 5000 watts and above. Each full-time assignment available for night use, in many instances, is shared by two or more stations or transmitters, depending upon the number of licensed stations to be accommodated in the zone or locality.

Recapitulating by zones, the equal division of the foregoing facilities among the 5 zones will provide each zone with 8 full-time assignments for stations of 5000 watts and above, 24 positions for 500-watt and 1000-watt stations, and 30 positions for 50-watt and 100-watt stations.

In announcing this plan the commission does so realizing that it may have imperfections, but believes it an approach to an ideal situation which may be reached in the future.

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