



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
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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
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830 kilocycles

KOA	Denver, CO	General Electric Co.		12500
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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
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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	Aaustin, 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. Irely 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
			WABO	
WOKO	Mount Beacon, NY	Harold E. Smith	WHEC-WABO	500
			WMAC	
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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