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TUNG-SOL

WORLD RADIO LOG

25¢



TUNG-SOL

WORLD RADIO LOG

Getting the Best from Your Radio Set

By R. E. CARLSON

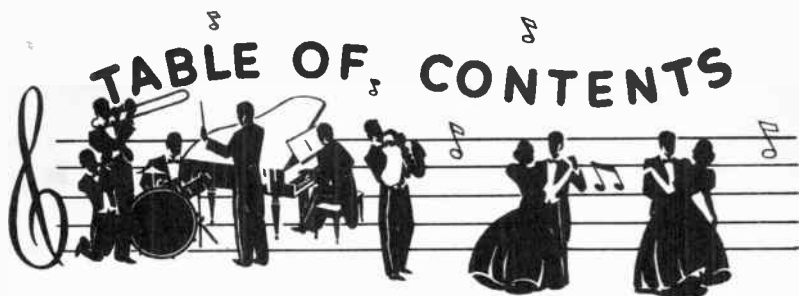
Vice President in Charge of Engineering

Radio is one of the marvels of the age. While so recent that many of us recall its inception, the almost incredible wonder of its unending stream of costly programs, which entertain, educate or inspire us, is now accepted as a commonplace matter of fact.

To tap this million dollar stream it is only necessary to have receiving sets in the home where they can be conveniently listened to. Radio receivers, like automobiles, have become a necessary luxury to the "American Way" of living and—like your car—require periodic check-up and adjustments as well as replacement of weakened or worn-out parts.

It is not only good economy to replace spark plugs before they refuse to function but the initial smoothness and power of the motor are restored and, with them—your pleasure in motoring! Your radio set is more intricate and sensitive than your car. Its tubes and other operating parts need replacement periodically to insure receiving your full share of all that radio offers.

The dealer who gives you this book has been selected for the Tung-Sol Radio Tube franchise because he is a qualified radio technician and a dependable business man. He prefers Tung-Sol Radio Tubes because they are properly engineered—carefully manufactured—and sold through connections qualified to render proper service at reasonable rates.



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The photographs of the radio stars on these pages appear by courtesy of the great broadcasting companies; N. B. C. stars, courtesy of National Broadcasting Company; C. B. S. stars, courtesy of Columbia Broadcasting System. Certain of the tables were supplied by "Radio News" and "Radio Today." To all the above we extend our sincere appreciation for their co-operation in compiling a comprehensive and interesting log. TUNG-SOL LAMP WORKS INC., Radio Tube Division.

UNITED STATES BROADCASTING STATIONS

Alphabetically by Call Letters

Call	Kc.	Location	Watts	Call	Kc.	Location	Watts
KABC	1420	San Antonio, Texas	100	KFDM	560	Beaumont, Texas	500
KABR	1390	Aberdeen, S. Dak.	500	KFDY	780	Brookings, S. D.	1000
KADA	1200	Ada, Okla.	100	KFEL	920	Denver, Colo.	500
KALB	1210	Alexandria, La.	100	KFEQ	680	St. Joseph, Mo.	2500
KALE	1300	Portland, Ore.	1000	KFGQ	1370	Boone, Iowa	100
KAND	1310	Corsicana, Texas	100	KFH	1300	Wichita, Kans.	1000
KANS	1210	Wichita, Kans.	100	KFI	640	Los Angeles, Calif.	50000
KARK	890	Little Rock, Ark.	500	KFIO	1120	Spokane, Wash.	100
KARM	1310	Fresno, Calif.	100	KFIZ	1420	Fond du Lac, Wis.	100
KASA	1210	Elk City, Okla.	100	KFJB	1200	Marshalltown, Iowa	100
KAST	1370	Astoria, Ore.	100	KFJI	1210	Klamath Falls, Ore.	100
KATE	1420	Albert Lea, Minn.	250	KFJM	1410	Grand Forks, N. D.	500
KAWM	1500	Gallup, N. Mex.	100	KFJZ	1370	Fort Worth, Texas	100
KBIX	1500	Muskogee, Okla.	100	KFKA	880	Greeley, Colo.	500
KBKR	1500	Baker, Ore.	100	KFKU	1220	Lawrence, Kans.	1000
KBND	1310	Berd, Ore.	100	KFNF	890	Shenandoah, Iowa	500
KBPS	1420	Portland, Ore.	100	KFOR	1210	Lincoln, Neb.	100
KBST	1500	Big Spring, Texas	100	KFOX	1250	Long Beach, Calif.	1000
KBTM	1200	Jonesboro, Ark.	100	KFPL	1310	Dublin, Texas	100
KCKN	1310	Kansas City, Kans.	100	KFPW	1210	Fort Smith, Ark.	100
KCMC	1420	Texasarkana, Texas	100	KFPY	890	Spokane, Wash.	1000
KCMO	1370	Kansas City, Mo.	100	KFQD	780	Anchorage, Alaska	250
KCRC	1360	Enid, Okla.	250	KFRC	610	San Francisco, Calif.	1000
KCRJ	1310	Jerome, Ariz.	100	KFRO	1370	Longview, Texas	250
KDAL	1500	Duluth, Minn.	100	KFRU	630	Columbia, Mo.	500
KDB	1500	Santa Barbara, Calif.	100	KFSD	600	San Diego, Calif.	1000
KDFN	1440	Casper, Wyo.	500	KFSG	1120	Los Angeles, Calif.	500
KDKA	980	Pittsburgh, Pa.	50000	KFJU	550	Clayton, Mo.	500
KDLR	1210	Devils Lake, N. D.	100	KFVD	1000	Los Angeles, Calif.	1000
KDNT	1420	Denton, Texas	100	KFVS	1210	Cape Girardeau, Mo.	100
KDON	1210	Monterey, Calif.	100	KFWB	950	Los Angeles, Calif.	500
KDTH	1340	Dubuque, Iowa	500	KFXD	1200	Nampa, Idaho	100
KDYL	1290	Salt Lake City, Utah	1000	KFXJ	1200	Grand Junction, Colo.	100
KECA	1430	Los Angeles, Calif.	1000	KFXM	1210	San Bernardino, Calif.	100
KEEN	1370	Seattle, Wash.	100	KFYO	1310	Lubbock, Texas	100
KEHE	780	Los Angeles, Calif.	1000	KFYR	550	Bismarck, N. D.	1000
KELA	1440	Certralga, Wash.	500	KGA	1470	Spokane, Wash.	5000
KELD	1370	El Dorado, Ark.	100	KGB	1330	San Diego, Calif.	1000
KELO	1200	Siox Falls, S. Dak.	100	KGBU	900	Keetchikan, Alaska	500
KERN	1370	Bakersfield, Calif.	100	KGBX	1230	Springfield, Mo.	500
KEUB	1420	Price, Utah	100	KGCA	1270	Decorah, Iowa	100
KEX	1180	Portland, Ore.	5000	KGCU	1240	Mandan, N. D.	250
KFAB	770	Lincoln, Neb.	10000	KGCV	1450	Wolf Point, Mont.	1000
KFAC	1300	Los Angeles, Calif.	1000	KGDE	1200	Fergus Falls, Minn.	100
KFAM	1420	St. Cloud, Minn.	100	KGDM	1100	Stockton, Calif.	1000
KFAR	610	Fairbanks, Alaska	1000	KGDK	1200	Sterling, Colo.	100
KFBB	1280	Great Falls, Mont.	1000	KGER	1360	Long Beach, Calif.	1000
KFBI	1050	Abilene, Kans.	5000	KGEZ	1310	Kalispell, Mont.	100
KFBK	1490	Sacramento, Calif.	10000	KGFF	1420	Shawnee, Okla.	100
KFDA	1500	Amarillo, Texas	100	KGFI	1500	Brownsville, Texas	100



Irene Rich
N. B. C.



Walter O'Keefe
C. B. S.



Margaret Speaks
N. B. C.



H. V. Kaltenborn
C. B. S.

Call	Kc.	Location	Watts	Call	Kc.	Location	Watts
KGFI	1200	Los Angeles, Calif.	100	KMED	1410	Medford, Ore.	250
KGFL	1370	Roswell, N. Mex.	100	KMJ	580	Fresno, Calif.	1000
KGFW	1310	Kearney, Neb.	100	KMLB	1200	Monroe, La.	100
KGFX	630	Pierre, S. D.	200	KMMJ	740	Grand Island, Neb.	1000
KGGF	1010	Coffeyville, Kans.	1000	KMO	1330	Tacoma, Wash.	1000
KGGM	1230	Albuquerque, N. M.	1000	KMOX	1090	St. Louis, Mo.	50000
KGHF	1320	Pueblo, Colo.	500	KMPC	710	Beverly Hills, Calif.	500
KGHI	1200	Little Rock, Ark.	100	KMTR	570	Los Angeles, Calif.	1000
KGHL	780	Billings, Mont.	1000	KNEL	1500	Brady, Texas	250
KGIR	1340	Butte, Mont.	1000	KNET	1420	Palestine, Texas	100
KGIV	1420	Alamosa, Colo.	100	KNW	1500	Austin, Texas	100
KGKB	1500	Tyler, Texas	100	KNX	1050	Los Angeles, Calif.	50000
KGKL	1370	San Angelo, Texas	100	KOA	830	Denver, Colo.	50000
KGKO	570	Fort Worth, Texas	1000	KOAC	550	Corvallis, Ore.	1000
KGKY	1500	Scottsbluff, Neb.	100	KOAM	790	Pittsburg, Kans.	1000
KGLO	1210	Mason City, Iowa	100	KOB	1180	Albuquerque, N. M.	10000
KGLU	1420	Safford, Ariz.	100	KOBH	1370	Rapid City, S. Dak.	100
KGMB	1320	Honolulu, T. H.	1000	KOCA	1210	Kilgore, Texas	100
KGNC	1410	Amarillo, Texas	1000	KOCY	1310	Oklahoma City, Okla.	100
KGNF	1430	North Platte, Neb.	1000	KOH	1390	Reno, Nev.	500
KGNO	1340	Dodge City, Kans.	250	KOIL	1260	Omaha, Neb.	1000
KGO	790	San Francisco, Calif.	7500	KOIN	940	Portland, Ore.	1000
KGU	750	Honolulu, T. H.	2500	KOKO	1370	La Junta, Colo.	100
KGVL	1200	Greenville, Texas	100	KOL	1270	Seattle, Wash.	1000
KGVO	1260	Missoula, Mont.	1000	KOMA	1480	Oklahoma City, Okla.	5000
KGW	620	Portland, Ore.	1000	KOME	1310	Tulsa, Okla.	250
KGY	1210	Olympia, Wash.	100	KOMO	920	Seattle, Wash.	1000
KHBC	1400	Hilo, T. H.	250	KONO	1370	San Antonio, Texas	100
KHBB	1210	Okmulgee, Okla.	100	KOOS	1200	Marshfield, Ore.	100
KHJ	900	Los Angeles, Calif.	1000	KORE	1420	Eugene, Ore.	100
KHQ	590	Spokane, Wash.	1000	KOTN	1500	Pine Bluff, Ark.	100
KHSL	1260	Chico, Calif.	250	KOVC	1500	Valley City, N. Dak.	100
KHUB	1310	Watsonville, Calif.	250	KOWH	660	Omaha, Neb.	500
KICA	1370	Clovis, N. M.	100	KOY	1390	Phoenix, Ariz.	1000
KID	1320	Idaho Falls, Idaho	500	KPAB	1500	Laredo, Texas	100
KIDO	1350	Boise, Idaho	1000	KPAC	1260	Port Arthur, Texas	500
KIDW	1420	Lamar, Colo.	100	KPDN	1310	Pampa, Texas	100
KIEM	1450	Eureka, Calif.	500	KPFA	1210	Helena, Mont.	100
KIEV	850	Glendale, Calif.	250	KPLC	1500	Lake Charles, La.	100
KINY	1430	Juneau, Alaska	250	KPLT	1500	Paris, Texas	250
KIRO	710	Seattle, Wash.	1000	KPMC	1550	Bakersfield, Calif.	1000
KIT	1250	Yakima, Wash.	250	KPO	680	San Francisco, Calif.	50000
KITE	1530	Kansas City, Mo.	1000	KPOF	880	Denver, Colo.	1000
KIUL	1210	Garden City, Kans.	100	KPPC	1210	Pasadena, Calif.	100
KIUN	1370	Pecos, Texas	100	KPO	1500	Wenatchee, Wash.	100
KIUP	1370	Durango, Colo.	100	KPRC	920	Houston, Texas	1000
KJBS	1070	San Francisco, Calif.	500	KQV	1380	Pittsburgh, Pa.	500
KJR	970	Seattle Wash.	5000	KQW	1010	San Jose, Calif.	1000
KLAA	1210	Carlsbad, N. Mex.	100	KRBA	1310	Lufkin, Texas	100
KLBM	1420	La Grande, Ore.	100	KRBC	1420	Abilene, Texas	100
KLBN	1290	Blytheville, Ark.	100	KRBM	1420	Bozeman, Mont.	100
KLO	1400	Ogden, Utah	500	KRE	1370	Berkeley, Calif.	100
KLPM	1360	Minot, N. D.	500	KRGV	1260	Westlaco, Texas	1000
KLRA	1390	Little Rock, Ark.	1000	KRIC	1420	Beaumont, Texas	100
KLS	1280	Oakland, Calif.	250	KRIS	1330	Corpus Christi, Texas	500
KLUF	1370	Galveston, Texas	100	KRKD	1120	Los Angeles, Calif.	500
KLX	880	Oakland, Calif.	1000	KRKO	1370	Everett, Wash.	50
KLZ	560	Denver, Colo.	1000	KRLC	1390	Lewiston, Idaho	250
KMA	930	Shenandoah, Iowa	1000	KRLD	1040	Dallas, Texas	10000
KMAC	1370	San Antonio, Texas	100	KRLH	1420	Midland, Texas	100
KMBC	950	Kansas City, Mo.	1000	KRMC	1370	Jamestown, N. Dak.	100



Mary Small
C. B. S.



Phil Spitalny
N. B. C.



Alice Frost
C. B. S.



Lowell Thomas
N. B. C.

Call	Kc.	Location	Watts	Call	Kc.	Location	Watts
KRMD	1310	Shreveport, La.	100	KVOO	1140	Tulsa, Okla.	25000
KRNR	1500	Roseburg, Ore.	100	KVOR	1270	Colo. Springs, Colo.	1000
KRNT	1320	Des Moines, Iowa	1000	KVOS	1200	Bellingham, Wash.	100
KROC	1310	Rochester, Minn.	100	KVOX	1310	Moorhead, Minn.	100
KROD	1500	El Paso, Texas	100	KVRS	1370	Rock Springs, Wyo.	100
KROW	930	Oakland, Calif.	1000	KVSO	1210	Ardmore, Okla.	100
KROY	1210	Sacramento, Calif.	100	KVWC	1500	Vernon, Texas	100
KRQA	1310	Santa Fe, N. Mex.	100	KWAL	1420	Wallace, Idaho	100
KRRV	1310	Sherman, Texas	250	KWBG	1420	Hutchinson, Kans.	100
KRSC	1120	Seattle, Wash.	250	KWEW	1500	Hobbs, N. Mex.	100
KSAC	580	Manhattan, Kans.	500	KWFT	620	Wichita Falls, Texas	250
KSAL	1500	Solino, Kans.	100	KWKG	1200	Stockton, Calif.	100
KSAM	1500	Huntsville, Texas	100	KWJB	1210	Globe, Ariz.	100
KSAN	1420	San Francisco, Calif.	100	KWJJ	1040	Portland, Ore.	500
KSCJ	1330	Sioux City, Iowa	1000	KWK	1350	St. Louis, Mo.	1000
KSD	550	St. Louis, Mo.	1000	KWKH	1100	Shreveport, La.	10000
KSEI	900	Pocatello, Idaho	250	KWLC	1270	Decorah, Iowa	100
KSFO	560	San Francisco, Calif.	1000	KWLK	780	Longview, Wash.	250
KSL	1130	Salt Lake City, Utah	50000	KWNO	1200	Winona, Minn.	250
KSLM	1370	Salem, Ore.	100	KWOC	1310	Poplar Bluff, Mo.	100
KSO	1430	Des Moines, Iowa	1000	KWOS	1310	Jefferson City, Mo.	100
KSOO	1110	Sioux Falls, S. Dak.	5000	KWSC	1220	Pullman, Wash.	1000
KSRO	1310	Santa Rosa, Calif.	100	KWTN	1210	Watertown, S. Dak.	100
KSTP	1460	St. Paul, Minn.	10000	KWTO	560	Springfield, Mo.	5000
KSUB	1310	Cedar City, Utah	100	KWYO	1370	Sheridan, Wyo.	100
KSUN	1200	Lowell, Ariz.	100	KXA	760	Seattle, Wash.	250
KTAR	620	Phoenix, Ariz.	1000	KXL	1420	Portland, Ore.	100
KTAT	1240	Fort Worth, Texas	1000	KXO	1500	El Centro, Calif.	100
KTBC	1120	Austin, Texas	1000	KXOK	1250	St. Louis, Mo.	1000
KTBS	1450	Shreveport, La.	1000	KXRO	1310	Aberdeen, Wash.	100
KTEM	1370	Temple, Texas	250	KXYZ	1440	Houston, Texas	1000
KTFI	1240	Twin Falls, Idaho	1000	KYA	1230	San Francisco, Calif.	1000
KTHS	1060	Hot Springs, Ark.	10000	KYCA	1500	Prescott, Ariz.	100
KTKC	1190	Visalia, Calif.	250	KYOS	1040	Merced, Calif.	250
KTMS	1220	Santa Barbara, Calif.	500	KYSM	1500	Monkato, Minn.	100
KTOH	1500	Lihue, Hawaii	100	KYW	1020	Philadelphia, Pa.	10000
KTOK	1370	Oklahoma City, Okla.	100	WAAB	1410	Boston, Mass.	500
KTRB	740	Madesto, Calif.	250	WAAF	920	Chicago, Ill.	1000
KTRH	1290	Houston, Texas	1000	WAAT	940	Jersey City, N. J.	500
KTRI	1420	Sioux City, Iowa	100	WABC	860	New York, N. Y.	50000
KTSA	550	San Antonio, Texas	1000	WABI	1200	Bangor, Maine	100
KTSM	1310	El Paso, Texas	100	WABY	1370	Albany, N. Y.	100
KTSW	1370	Emporio, Kans.	100	WACO	1420	Waco, Texas	100
KTUC	1370	Tucson, Ariz.	100	WADC	1320	Akron, Ohio	1000
KTUL	1400	Tulsa, Okla.	1000	WADN	1370	Asheville, N. C.	100
KTW	1220	Seattle, Wash.	1000	WAGA	1450	Atlanta, Ga.	500
KUJ	1370	Wallo Walla, Wash.	100	WAGF	1370	Dothan, Ala.	250
KUOA	1260	Siloom Springs, Ark.	5000	WAGM	1420	Presque Isle, Me.	100
KUSD	890	Vermillion, S. Dak.	500	WAIM	1200	Anderson, S. C.	100
KUTA	1500	Salt Lake City, Utah	100	WAIR	1250	Winston-Salem, N. C.	250
KVAK	1420	Aitchison, Kans.	100	WALA	1380	Mobile, Ala.	500
KVAN	880	Vancouver, Wash.	250	WALR	1210	Zonesville, Ohio	100
KVCV	1200	Redding, Calif.	100	WAML	1310	Laurel, Miss.	100
KVEC	1200	San Luis Obispo, Cal.	100	WAPI	1140	Birmingham, Ala.	5000
KVGB	1370	Great Bend, Kans.	100	WAPQ	1420	Chattanooga, Tenn.	100
KVI	570	Tocoma, Wash.	1000	WARD	1400	Brooklyn, N. Y.	500
KVNU	1200	Logan, Utah	100	WASH	1270	Grand Rapids, Mich.	500
KVOA	1260	Tucson, Ariz.	1000	WATL	1370	Atlanta, Ga.	100
KVOD	920	Denver, Colo.	500	WATR	1190	Waterbury, Conn.	100
KVOE	1500	Santa Ana, Calif.	100	WAVE	940	Louisville, Ky.	1000
KVOL	1310	Lofoyette, La.	100	WAWZ	1350	Zarephoth, N. J.	500



Bing Crosby
N. B. C.



Kay Thompson
C. B. S.



Benny Goodman
C. B. S.



Bob Burns
N. B. C.

Call	Kc.	Location	Watts	Call	Kc.	Location	Watts
WAYX	1200	Waycross, Ga.	100	WCOC	880	Meridian, Miss.	1000
WAZL	1420	Hazleton, Pa.	100	WCOL	1210	Columbus, Ohio	100
WBAA	890	West Lafayette, Ind.	500	WCOP	1120	Boston, Mass.	500
WBAB	1200	Atlantic City, N. J.	100	WCOS	1370	Columbus, S. C.	100
WBAL	760	Baltimore, Md.	2500	WCOU	1210	Lewiston, Maine	100
WBAL	1060	Baltimore, Md.	10000	WCOV	1210	Montgomery, Ala.	100
WBAP	800	Fort Worth, Texas	50000	WCPO	1200	Cincinnati, Ohio	100
WBAX	1210	Wilkes-Barre, Pa.	100	WCRW	1210	Chicago, Ill.	100
WBBC	1400	Brooklyn, N. Y.	500	WCSC	1360	Charleston, S. C.	500
WBBL	1210	Richmond, Va.	100	WCSH	940	Portland, Me.	1000
WBBM	770	Chicago, Ill.	50000	WDAE	1290	Tampa, Fla.	1000
WBBR	1300	Brooklyn, N. Y.	1000	WDAF	610	Kansas City, Mo.	1000
WBBZ	1200	Ponca City, Okla.	100	WDAH	1310	El Paso, Texas	100
WBCM	1410	Bay City, Mich.	500	WDAN	1500	Danville, Ill.	250
WBEN	900	Buffalo, N. Y.	1000	WDAS	1370	Philadelphia, Pa.	100
WBEO	1310	Marquette, Mich.	100	WDAY	940	Fargo, N. Dak.	1000
WBHP	1200	Huntsville, Ala.	100	WDBJ	930	Roanoke, Va.	1000
WBIG	1440	Greensboro, N. C.	1000	WDBO	580	Orlando, Fla.	1000
WBIL	1100	New York, N. Y.	5000	WDEL	1120	Wilmington, Del.	250
WBLK	1370	Clarksburg, W. Va.	100	WDEV	550	Waterbury, Vt.	500
WBNO	1420	New Orleans, La.	100	WDGY	1180	Minneapolis, Minn.	1000
WBNS	1430	Columbus, Ohio	1000	WDNC	1500	Durham, N. C.	100
WBNX	1350	New York, N. Y.	1000	WDOD	1280	Chattanooga, Tenn.	1000
WBNY	1370	Buffalo, N. Y.	100	WDRC	1330	Hartford, Conn.	1000
WBOQ	860	New York, N. Y.	50000	WDSM	1200	Superior, Wis.	100
WBOW	1310	Terre Haute, Ind.	100	WDSU	1250	New Orleans, La.	1000
WBRB	1210	Red Bank, N. J.	100	WDSW	1370	Champaign, Ill.	100
WBRG	930	Birmingham, Ala.	1000	WDZ	1020	Tuscola, Ill.	250
WBRF	1310	Wilkes-Barre, Pa.	100	WEAF	660	New York, N. Y.	50000
WBRK	1310	Pittsfield, Mass.	100	WEAN	780	Providence, R. I.	1000
WBRY	1530	Waterbury, Conn.	1000	WEAU	1050	Eau Claire, Wis.	1000
WBT	1080	Charlotte, N. C.	50000	WEBC	1290	Duluth, Minn.	1000
WBTH	1370	Williamson, W. Va.	100	WEBQ	1210	Harrisburg, Ill.	100
WBTM	1370	Danville, Va.	100	WEBR	1310	Buffalo, N. Y.	100
WBZ	990	Boston, Mass.	50000	WEDC	1210	Chicago, Ill.	100
WBZA	990	Springfield, Mass.	1000	WEED	1420	Rocky Mount, N. C.	100
WCAD	1220	Canton, N. Y.	500	WEEI	590	Boston, Mass.	1000
WCAE	1220	Pittsburgh, Pa.	1000	WEEU	830	Reading, Pa.	1000
WCAL	760	Northfield, Minn.	5000	WELI	900	New Haven, Conn.	500
WCAM	1280	Camden, N. J.	500	WELL	1420	Battle Creek, Mich.	100
WCAO	600	Baltimore, Md.	500	WEMP	1310	Milwaukee, Wis.	100
WCAP	1280	Asbury Park, N. J.	500	WENR	870	Chicago, Ill.	50000
WCAT	1200	Rapid City, S. Dak.	100	WENY	1200	Elmira, N. Y.	250
WCAU	1170	Philadelphia, Pa.	50000	WEOA	1370	Evansville, Ind.	100
WCAX	1200	Burlington, Vt.	100	WESG	850	Elmira, N. Y.	1000
WCAY	1070	Carthage, Ill.	100	WEST	1200	Easton, Pa.	100
WCBA	1440	Allentown, Pa.	500	WEVD	1300	New York, N. Y.	1000
WCBD	1080	Chicago, Ill.	5000	WEW	760	St. Louis, Mo.	1000
WCBM	1370	Baltimore, Md.	100	WEXL	1310	Royal Oak, Mich.	50
WCBS	1420	Springfield, Ill.	100	WFAA	800	Dallas, Texas	50000
WCCO	810	Minneapolis, Minn.	50000	WFAM	1200	South Bend, Ind.	100
WCFL	970	Chicago, Ill.	5000	WFAS	1210	White Plains, N. Y.	100
WCHS	580	Charleston, W. Va.	500	WFBC	1300	Greenville, S. C.	1000
WCHV	1420	Charlottesville, Va.	100	WFBG	1310	Altoona, Pa.	100
WCKY	1490	Covington, Ky.	10000	WFBL	1360	Syracuse, N. Y.	1000
WCLE	610	Cleveland, Ohio	500	WFBM	1230	Indianapolis, Ind.	1000
WCLO	1200	Janesville, Wis.	100	WFBR	1270	Baltimore, Md.	500
WCLS	1310	Joliet, Ill.	100	WFDL	1310	Flint, Mich.	100
WCLM	1310	Ashland, Ky.	100	WFEE	1340	Manchester, N. H.	500
WCNW	1500	Brooklyn, N. Y.	100	WFIL	560	Philadelphia, Pa.	1000
WCOA	1340	Pensacola, Fla.	500	WFLA	620	Tampa, Fla.	1000



Artie Shaw
N. B. C.



Robert Benchley
N. B. C.



Burns and Allen
C. B. S.



Edwin C. Hill
N. B. C.

Call	Kc.	Location	Watts	Call	Kc.	Location	Watts
WFMD	900	Frederick, Md.	500	WHEB	740	Portsmouth, N. H.	250
WFMJ	1420	Youngstown, Ohio	100	WHEC	1430	Rochester, N. Y.	500
WFNC	1340	Fayetteville, N. C.	250	WHFC	1420	Cicero, Ill.	100
WFOR	1370	Hattiesburg, Miss.	100	WHIO	1260	Dayton, Ohio	1000
WFOY	1210	St. Augustine, Fla.	100	WHIP	1480	Hammond, Ind.	5000
WFTC	1200	Kinston, N. C.	100	WHIS	1410	Bluefield, W. Va.	500
WFVA	1260	Fredericksburg, Va.	250	WHJB	620	Greensburg, Pa.	250
WGAL	1500	Lancaster, Pa.	100	WHK	1390	Cleveland, Ohio	1000
WGAN	640	Portland, Me.	500	WHKC	640	Columbus, Ohio	500
WGAR	1450	Cleveland, Ohio	1000	WHLB	1370	Virginia, Minn.	100
WGAU	1310	Aithens, Ga.	100	WHLS	1370	Port Huron, Mich.	250
WGBB	1210	Freeport, N. Y.	100	WHMA	1420	Anniston, Ala.	100
WGBF	630	Evansville, Ind.	500	WHN	1010	New York, N. Y.	1000
WGBI	880	Scranton, Pa.	500	WHO	1000	Des Moines, Iowa	5000
WGBR	1370	Goldstbaro, N. C.	100	WHOM	1450	Jersey City, N. J.	250
WGCM	1210	Gulport, Miss.	100	WHP	1430	Harrisburg, Pa.	500
WGES	1360	Chicago, Ill.	500	WIBA	1280	Madison, Wis.	1000
WGH	1310	Newport News, Va.	100	WIBC	1050	Indianapolis, Ind.	1000
WGIL	1500	Galesburg, Ill.	250	WIBG	970	Glenside, Pa.	100
WGL	1370	Fort Wayne, Ind.	100	WIBM	1370	Jackson, Mich.	100
WGKV	1500	Charleston, W. Va.	100	WIBU	1210	Poynette, Wis.	100
WGN	720	Chicago, Ill.	50000	WIBW	580	Topeka, Kans.	1000
WGNB	1420	Gastonia, N. C.	100	WIBX	1200	Urica, N. Y.	100
WGNV	1210	Newburgh, N. Y.	100	WICA	940	Ashtabula, Ohio	250
WGPC	1420	Albany, Ga.	100	WICC	600	Bridgeport, Conn.	500
WGR	550	Buffalo, N. Y.	1000	WIL	1200	St. Louis, Mo.	100
WGRC	1370	New Albany, Ind.	250	WILL	580	Urbana, Ill.	1000
WGRM	1210	Grenada, Miss.	100	WILM	1420	Wilmington, Del.	100
WGST	890	Atlanta, Ga.	1000	WIND	560	Gary, Ind.	1000
WGTM	1310	Wilson, N. C.	100	WINN	1210	Louisville, Ky.	100
WGY	790	Schenectady, N. Y.	50000	WINS	1180	New York, N. Y.	1000
WHA	940	Madison, Wis.	5000	WIOD	610	Miami, Fla.	1000
WHAJ	1210	Greenfield, Mass.	250	WIP	610	Philadelphia, Pa.	1000
WHAM	1150	Rochester, N. Y.	50000	WIRE	1400	Indianapolis, Ind.	1000
WHAS	820	Louisville, Ky.	50000	WIS	560	Columbia, S. C.	1000
WHAT	1310	Philadelphia, Pa.	100	WISE	1370	Asheville, N. C.	100
WHAZ	1300	Troy, N. Y.	1000	WISN	1120	Milwaukee, Wis.	250
WHB	860	Kansas City, Mo.	1000	WJAC	1310	Johnstown, Pa.	100
WHBB	1500	Selma, Ala.	100	WJAG	1060	Norfolk, Neb.	1000
WHBC	1200	Canton, Ohio	100	WJAR	890	Providence, R. I.	1000
WHBF	1210	Rock Island, Ill.	100	WJAS	1290	Pittsburgh, Pa.	1000
WHBI	1250	Newark, N. J.	1000	WJAX	900	Jacksonville, Fla.	1000
WHBL	1300	Sheboygan, Wis.	250	WJBC	1200	Bloomington, Ill.	100
WHBQ	1370	Memphis, Tenn.	100	WJBK	1500	Detroit, Mich.	100
WHBU	1210	Anderson, Ind.	100	WJBL	1200	Decatur, Ill.	100
WHBY	1200	Green Bay, Wis.	100	WJBO	1120	Baton Rouge, La.	500
WHDF	1370	Calumet, Mich.	100	WJBW	1200	New Orleans, La.	100
WHDH	830	Boston, Mass.	1000	WJBY	1210	Gadsden, Ala.	100
WHDL	1400	Olean, N. Y.	250	WJDX	1270	Jackson, Miss.	1000

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Don Ameche
N. B. C.



Hildegard
C. B. S.



Bergen and Charlie
McCarthy N. B. C.



Horace Heidt
N. B. C.

Call	Kc.	Location	Watts	Call	Kc.	Location	Watts
WJEJ	1210	Hagerstown, Md.	100	WMC	780	Memphis, Tenn.	1000
WJHL	1200	Jackson City, Tenn.	100	WMCA	570	New York, N. Y.	1000
WJHP	1290	Jacksonville, Fla.	250	WMEX	1500	Boston, Mass.	100
WJIM	1210	Lansing, Mich.	100	WMFD	1370	Wilmington, N. C.	100
WJJD	1130	Chicago, Ill.	20000	WMFF	1310	Plattsburg, N. Y.	100
WJLS	1210	Beckley, W. Va.	100	WMFG	1210	Hibbing, Minn.	100
WJMC	1210	Rice Lake, Wis.	250	WMFJ	1420	Daytona Beach, Fla.	100
WJMS	1420	Ironwood, Mich.	100	WMFO	1370	Decatur, Ala.	100
WJNO	1200	W. Palm Beach, Fla.	100	WMFR	1200	High Point, N. C.	100
WJR	750	Detroit, Mich.	50000	WMIN	1370	St. Paul, Minn.	100
WJRD	1200	Tuscaloosa, Ala.	250	WMMN	890	Fairmont, W. Va.	500
WJSV	1460	Washington, D. C.	10000	WMOB	1200	Mabile, Ala.	100
WJTN	1210	Jamestown, N. Y.	100	WMPC	1200	Lapeer, Mich.	100
WJW	1210	Akron, Ohio	100	WMPS	1430	Memphis, Tenn.	500
WJZ	760	New York, N. Y.	50000	WMRO	1250	Aurora, Ill.	250
WKAQ	1240	San Juan, P. R.	1000	WMSD	1420	Muscle Shoals, C., Ala.	100
WKAR	850	East Lansing, Mich.	1000	WMT	600	Cedar Rapids, Iowa	1000
WKAT	1500	Miami Beach, Fla.	100	WNAC	1230	Boston, Mass.	1000
WKBB	1500	East Dubuque, Ill.	100	WNAD	1010	Norman, Okla.	1000
WKBH	1380	LaCrosse, Wis.	1000	WNAX	570	Yankton, S. D.	1000
WKBN	570	Youngstown, Ohio	500	WNBC	1380	New Britain, Conn.	250
WKBO	1200	Harrisburg, Pa.	100	WNBF	1500	Binghamton, N. Y.	100
WKBV	1500	Richmond, Ind.	100	WNBH	1310	New Bedford, Mass.	100
WKBW	1480	Buffalo, N. Y.	5000	WNBX	1260	Springfield, Vt.	1000
WKBZ	1500	Muskegon, Mich.	100	WNBZ	1990	Saranac Lake, N. Y.	100
WKEU	1500	Griffin, Ga.	100	WNEL	1290	San Juan, P. R.	1000
WKOK	1210	Sunbury, Pa.	100	WNEW	1250	New York, N. Y.	1000
WKRC	550	Cincinnati, Ohio	1000	WNLC	1500	New London, Conn.	100
WKST	1250	New Castle, Pa.	250	WNOX	1010	Knoxville, Tenn.	1000
WKY	900	Oklahoma City, Okla.	1000	WNYC	810	New York, N. Y.	1000
WKZO	590	Kalamazoo, Mich.	1000	WOAI	1190	San Antonio, Texas	50000
WLAC	1470	Nashville, Tenn.	5000	WOC	1370	Davenport, Iowa	100
WLAK	1310	Lakeland, Fla.	100	WOCB	1210	Barnstable, Mass.	100
WLAP	1420	Lexington, Ky.	100	WOI	640	Ames, Iowa	5000
WLAW	680	Lawrence, Mass.	1000	WOKO	1430	Albany, N. Y.	500
WLB	760	Minneapolis, Minn.	5000	WOL	1230	Washington, D. C.	1000
WLBC	1310	Muncie, Ind.	100	WOLS	1900	Florence, S. C.	100
WLBL	900	Stevens Point, Wis.	5000	WOMI	1500	Owensboro, Ky.	100
WLBZ	620	Bangor, Me.	500	WOMT	1210	Manitowac, Wis.	100
WLEU	1420	Erie, Pa.	100	WOOD	1270	Grand Rapids, Mich.	500
WLLH	1370	Lawell, Mass.	100	WOPI	1500	Bristol, Tenn.	100
WLNH	1310	Lacania, N. H.	100	WOR	710	Newark, N. J.	50000
WLK	1210	Lima, Ohio	100	WORC	1280	Warcester, Mass.	500
WLS	870	Chicago, Ill.	50000	WORK	1320	York, Pa.	1000
WLTH	1400	New York, N. Y.	500	WORL	920	Boston, Mass.	500
WLVA	1200	Lynchburg, Va.	100	WOSU	570	Calumhus, Ohio	750
WLW	700	Cincinnati, Ohio	50000	WOV	1130	New York, N. Y.	1000
WMAL	630	Washington, D. C.	250	WOW	590	Omaha, Neb.	1000
WMAM	570	Marinette, Wis.	250	WOWO	1160	Fort Wayne, Ind.	10000
WMAQ	670	Chicago, Ill.	50000	WPAD	1420	Paducah, Ky.	100
WMAS	1420	Springfield, Mass.	100	WPAR	1420	Parkersburg, W. Va.	100
WMAZ	1180	Macan, Ga.	1000	WPAX	1210	Thamasville, Ga.	100
WMBC	1420	Detroit, Mich.	100	WPAY	1370	Parismauth, Ohio	100
WMBD	1440	Pearia, Ill.	1000	WPEN	920	Philadelphia, Pa.	1000
WMBF	610	Miami, Fla.	1000	WPG	1100	Atlantic City, N. J.	5000
WMBG	1350	Richmond, Va.	500	WPIC	780	Sharon, Pa.	250
WMBH	1420	Japlin, Mo.	100	WPIV	1210	Petersburg, Va.	100
WMBI	1080	Chicago, Ill.	5000	WPRA	1370	Mayaguez, P. R.	100
WMO	1310	Auburn, N. Y.	100	WPRO	630	Prvidence, R. I.	500
WMBR	1370	Jacksonville, Fla.	100	WPRP	1420	Pance, P. R.	100
WMB5	1420	Uniontown, Pa.	100	WPTF	680	Raleigh, N. C.	5000



Tascanini
N. B. C.



Howard Barlow
C. B. S.



Dorothy Lamour
N. B. C.



Kay Kyser
N. B. C.

Call	Kc.	Location	Watts	Call	Kc.	Location	Watts
WQAM	560	Miami, Fla.	1000	WSOC	1210	Charlotte, N. C.	100
WQAN	880	Scranton, Pa.	500	WSPA	920	Spartanburg, S. C.	1000
WQBC	1360	Vicksburg, Miss.	1000	WSPD	1340	Talleva, Ohio	1000
WQDM	1390	St. Albans, Vt.	1000	WSPR	1140	Springfield, Mass.	500
WQXR	1550	New York, N. Y.	1000	WSTP	1500	Salisbury, N. C.	100
WRAC	1370	Williamsport, Pa.	100	WSUI	880	Iowa City, Iowa	500
WRAL	1210	Faleigh, N. C.	100	WSUN	620	St. Petersburg, Fla.	1000
WRAW	1310	Reading, Pa.	100	WSVA	550	Harrisonburg, Va.	500
WRBL	1200	Columbus, Ga.	100	WSVS	1370	Buffalo, N. Y.	50
WRC	950	Washington, D. C.	1000	WSYB	1500	Rutland, Vt.	100
WRDO	1370	Augusta, Me.	100	WSYR	570	Syracuse, N. Y.	1000
WRDW	1500	Augusta, Ga.	100	WSYU	570	Syracuse, N. Y.	1000
WREC	600	Memphis, Tenn.	1000	WTAD	900	Quincy, Ill.	1000
WREN	1220	Lawrence, Kan.	1000	WTAG	580	Worcester, Mass.	1000
WRGA	1500	Rome, Ga.	100	WTAL	1310	Tallahassee, Fla.	100
WRJN	1370	Racine, Wis.	100	WTAM	1070	Cleveland, Ohio	50000
WRKL	1500	Rock Hill, S. C.	100	WTAQ	1330	Green Bay, Wis.	1000
WRNL	880	Richmond, Va.	500	WTAR	780	Norfolk, Va.	1000
WROK	1410	Rockford, Ill.	500	WTAW	1120	College Station, Tex.	500
WROL	1310	Knoxville, Tenn.	100	WTAX	1210	Springfield, Ill.	100
WRR	1280	Dallas, Texas	500	WTBO	800	Cumberland, Md.	250
WRTD	1500	Richmond, Va.	100	WTCN	1250	Minneapolis, Minn.	1000
WRUF	830	Gainesville, Fla.	5000	WTEL	1310	Philadelphia, Pa.	100
WRVA	1110	Richmond, Va.	5000	WTHT	1200	Hartford, Conn.	100
WSAI	1330	Cincinnati, Ohio	1000	WTIC	1040	Hartford, Conn.	50000
WSAJ	1310	Grove City, Pa.	100	WTJS	1310	Jackson, Tenn.	100
WSAL	1200	Salisbury, Md.	250	WTMA	1210	Charleston, S. C.	100
WSAN	1440	Allentown, Pa.	500	WTMC	500	Ocala, Fla.	1500
WSAR	1450	Fall River, Mass.	1000	WTMJ	620	Milwaukee, Wis.	1000
WSAU	1370	Wausau, Wis.	100	WTMV	1500	East St. Louis, Ill.	100
WSAV	1310	Savannah, Ga.	100	WTNJ	1280	Trenton, N. J.	500
WSAY	1210	Rochester, N. Y.	100	WTOC	1260	Savannah, Ga.	1000
WSAZ	1190	Huntington, W. Va.	1000	WTOL	1200	Toledo, Ohio	100
WSB	740	Atlanta, Ga.	50000	WTRC	1310	Elkhart, Ind.	100
WSBC	1210	Chicago, Ill.	100	WTRY	950	Troy, N. Y.	1000
WSBT	1360	South Bend, Ind.	500	WTSP	1370	St. Petersburg, Fla.	100
WSFA	1410	Montgomery, Ala.	500	WVFW	1400	Brooklyn, N. Y.	500
WSGN	1310	Birmingham, Ala.	100	WVAE	1200	Hammond, Ind.	100
WSIX	1210	Nashville, Tenn.	100	WWJ	920	Detroit, Mich.	1000
WSJS	1310	Winston-Salem, N. C.	100	WWL	850	New Orleans, La.	50000
WSKB	1200	McComb, Miss.	100	WWNC	570	Asheville, N. C.	1000
WSLI	1420	Jackson, Miss.	100	WWRL	1500	Woodside, N. Y.	100
WSM	650	Nashville, Tenn.	50000	WWSW	1500	Pittsburgh, Pa.	100
WSMB	1320	New Orleans, La.	1000	WWVA	1160	Wheeling, W. Va.	5000
WSMK	1380	Dayton, Ohio	250	WXYZ	1240	Detroit, Mich.	1000
WSNJ	1210	Bridgeton, N. J.	100				

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John Barbiralli
C. B. S.



Eddie Duchin
N. B. C.



Tammy Riggs
N. B. C.



Phil Baker
C. B. S.

UNITED STATES BROADCASTING STATIONS OF 100 WATT POWER AND OVER

Alphabetically by Cities

Location	Call	Location	Call
Aberdeen, S. D.	KABR	Big Spring, Texas	KBST
Aberdeen, Wash.	KXRO	Billings, Mont.	KGHL
Abilene, Kans.	KFBI	Binghamton, N. Y.	WNBF
Abilene, Texas	KRBC	Birmingham, Ala.	WAPI, WBRC, WSGN
Ada, Okla.	KADA	Bismarck, N. D.	KFYR
Akron, Ohio	WADC, WJW	Bloomington, Ill.	WJBC
Alamosa, Colo.	KGIW	Bluefield, W. Va.	WHIS
Albany, Ga.	WGPC	Blytheville, Ark.	KLCN
Albany, N. Y.	WABY, WOKO	Boise, Idaho	KIDO
Albert Lea, Minn.	KATE	Boone, Iowa	KFGQ
Albuquerque, N. M.	KGGM, KOB	Boston, Mass.	WAAB, WBZ, WCOP, WEEL, WHDH, WMEX, WNAC, WORL
Alexandria, La.	KALB	Bozeman, Mont.	KRBM
Allentown, Pa.	WCBA, WSAN	Brady, Texas	KNEL
Altoona, Pa.	WFBG	Bridgeport, Conn.	WICC
Amarillo, Texas	KGNC	Bridgeport, N. J.	WSNJ
Ames, Iowa	WOI	Bristol, Tenn.	WOPI
Anchorage, Alaska	KFOD	Brookings, S. D.	KFDY
Anderson, Ind.	WHBU	Brooklyn, N. Y.	WARD, WBBC, WBBR, WCNW, WYFW
Anderson, S. C.	WAIM	Brownsville, Texas	KGFI
Anniston, Ala.	WHMA	Buffalo, N. Y.	WBEN, WBNY, WEBR, WGR, WKBW
Appleton, Wis.	WHBY	Burlington, Vt.	WCAX
Ardmore, Okla.	KVSO	Butte, Mont.	KGIR
Arlington, Va.	NAA	Calumet, Mich.	WHDF
Asbury Park, N. J.	WCAP	Camden, N. J.	WCAM
Asheville, N. C.	WISE, WADN, WWNC	Canton, N. Y.	WCAD
Ashland, Ky.	WCMI	Canton, Ohio	WHBC
Ashtabula, Ohio	WICA	Cape Girardeau, Mo.	KFVS
Astoria, Oregon	KAST	Carlsbad, N. M.	KLAH
Athens, Ga.	WGAU	Carthage, Ill.	WCAZ
Atlanta, Ga.	KGST, WAGA, WTAL, WSB	Casper, Wyo.	KDFN
Atlantic City, N. J.	WBAB, WPG	Cedar City, Utah	KSUB
Auburn, N. Y.	WMBO	Cedar Rapids, Iowa	WMT
Augusta, Ga.	WRDW	Champaign, Ill.	WDWS
Augusta, Me.	WRDO	Charleston, S. C.	WCSC
Austin, Texas	KNOW	Charleston, W. Va.	WCNS
Bakersfield, Calif.	KERN, KPMC	Charlotte, N. C.	WBT, WSOC
Baltimore, Md.	WBAL, WCAO, WCBM, WFBR	Charlottesville, Va.	WCHV
Bangor, Me.	WABI, WLBZ	Chattanooga, Tenn.	WAPO, WDOD
Baton Rouge, La.	WJBO	Chicago, Ill.	WAAF, WBBM, WCBD, WCFL, WCRW, WEDC, WENR, WGES, WGN, WJJD, WLS, WMAQ, WMBI, WSBC
Battle Creek, Mich.	WELL	Chico, Calif.	KHSL
Bay City, Mich.	WBCM	Cicero, Ill.	WHFC, WKBI
Beaumont, Texas	KFDM, KRIC		
Bellingham, Wash.	KVOS		
Bend, Ore.	KBND		
Berkeley, Calif.	KRE		
Beverly Hills, Calif.	KMPC		



Jack Benny
N. B. C.



Mary Livingston
N. B. C.



Deems Taylor
C. B. S.



Bob Hope
N. B. C.

Location	Call
Cincinnati, Ohio	WCKY, WCPO, WKRC, WLW, WSAJ
Clarksburg, W. Va.	WBLK
Clay City, Nebr.	KMMJ
Clayton, Mo.	KFUO
Clearwater, Fla.	WFLA
Cleveland, Ohio	WCLE, WHK, WGAR, WTAM
Clovis, N. M.	KICA
Coffeyville, Kans.	KGGF
College Station, Texas	WTAW
Colorado Springs, Colo.	KVOR
Columbia, Ma.	KFRU
Columbia, S. C.	WIS
Columbus, Ga.	WRBL
Columbus, Ohio	WBNS, WHKC, WCOL, WOSU
Corpus Christi, Texas	KRIS
Corsicana, Texas	KAND
Corvallis, Ore.	KOAC
Cumberland, Md	WTBO
Dallas, Texas	KRLD, WFAA, WRR
Danville, Ill.	WDAN
Danville, Va.	WBTM
Davenport, Iowa	WOC
Dayton, Ohio	WHIO, WSMK
Daytona Beach, Fla.	WMFJ
Decatur, Ala.	WMFO
Decatur, Ill.	WJBL
Decorah, Iowa	KGCA, KWLC
Denton, Texas	KDNT
Denver, Colo.	KFEL, KLZ, KOA, KPOF, KVOD
Des Moines, Iowa	KRNT, WHO, KSO
Detroit, Mich.	WJBK, WJR, WMBC, WWJ, WXYZ
Devils Lake, N. D.	KDLR
Dodge City, Kans.	KGNO
Dothan, Ala.	WAGF
Dublin, Texas	KFPL
Duluth, Minn.	KDAL, WEBC
Durango, Calif.	KIUP
Durham, N. C.	WDNC
East Dubuque, Ill.	WKBB
East Lansing, Mich.	WKAR
East St. Louis, Ill.	WTMV
Easton, Pa.	WEST
Eau Claire, Wis.	WEAU
El Centro, Calif.	KXO
El Dorado, Ark.	KELD
Elk City, Okla.	KASA
Elkhart, Ind.	WTRC
Elmira, N. Y.	WESG
El Paso, Texas	KTSM, WDAH
Enid, Okla.	KCRC
Erie, Pa.	WLEU
Eugene, Ore.	KORE
Eureka, Calif.	KIEM
Evansville, Ind.	WEOA, WGBF
Everett, Wash.	KRKO
Fairmont, W. Va.	WMMN

Location	Call
Fall River, Mass.	WSAR
Fargo, N. D.	WDAY
Fergus Falls, Minn.	KGDE
Flint, Mich.	WFDF
Florence, S. C.	WOLS
Fond du Lac, Wis.	KFIZ
Fort Smith, Ark.	KPFW
Fort Wayne, Ind.	WGL, WOWO
Fort Worth, Texas	KFJZ, KGKO, KTAT, WBAP
Frederick, Md.	WFMD
Fredericksburg, Va.	WFVA
Freeport, N. Y.	WGBB
Fresno, Calif.	KARM, KMJ
Gadsden, Ala.	WJBY
Gainesville, Flo.	WRUF
Galesburg, Ill.	WGIL
Gollup, N. M.	KAWM
Golveston, Texas	KLUF
Garden City, Kans.	KIUL
Gary, Ind.	WIND
Glendale, Calif.	KIEV
Glenside, Pa.	WIBG
Globe, Ariz.	KWJB
Goldsboro, N. C.	WGBR
Grand Forks, N. D.	KJFM
Grand Junction, Colo.	KFXJ
Grand Rapids, Mich.	WASH, WOOD
Great Bend, Kans.	KVGB
Great Falls, Mont.	KFBB
Greeley, Colo.	KFKA
Green Bay, Wis.	WTAQ
Greenfield, Mass.	WHA1
Greensboro, N. C.	WBIG
Greensburg, Pa.	WHJB
Greenville, S. C.	WFBC
Grenada, Miss.	WGRM
Griffin, Ga.	WKEU
Grove City, Pa.	WSAJ
Hagerstown, Md.	WJEJ
Hammond, Ind.	WWAE
Harrisburg, Ill.	WEBQ
Harrisburg, Pa.	WHP, WKBO
Harrisonburg, Va.	WSVA
Hartford, Conn.	WDRC, WTHT, WTIC
Hattiesburg, Miss.	WFOR
Hazleton, Pa.	WAZL
Helena, Mont.	KPFA
Hibbing, Minn.	WMFG
High Point, N. C.	WMFR
Hobbs, N. M.	KWEW
Hot Springs, Ark.	KTHS
Houston, Texas	KPRC, KTRH, KXYZ
Huntington, W. Va.	WSAZ
Huntsville, Ala.	WBHP
Huntsville, Texas	KSAM
Hutchinson, Kans.	KWBG
Idaho Falls, Idaho	KID
Indianapolis, Ind.	WFBM, WIBC, WIRE
Iowa City, Iowa	WSUI
Ironwood, Mich.	WJMS



Eddie Cantor
C. B. S.



Lucille Manners
N. B. C.



Fred Allen
N. B. C.



Jack Haley
C. B. S.

Location	Call
Jackson, Mich.	WIBM
Jackson, Miss.	WJDX, WSLI
Jackson, Tenn.	WTJS
Jacksonville, Fla.	WJAX, WMBR
Jamestown, N. D.	KRMC
Jamestown, N. Y.	WJTN
Janesville, Wis.	WCLO
Jefferson City, Mo.	KWOS
Jerome, Ariz.	KCRJ
Jersey City, N. J.	WAAT, WHOM
Johnstown, Pa.	WJAC
Joliet, Ill.	WCLS
Jonesboro, Ark.	KBTM
Joplin, Mo.	WMBH
Juneau, Alaska	KINY
Kalamazoo, Mich.	WKZO
Kalispell, Mont.	KGEZ
Kansas City, Kans.	KCKN
Kansas City, Mo.	KCMO, KITE, KMBC, WDAF, WHB
Kearney, Nebr.	KGFV
Kenosha, Wis.	WCLO
Ketchikan, Alaska	KGBU
Kilgore, Texas	KOCA
Kinston, N. C.	WFTC
Klamath Falls, Ore.	KFJI
Knoxville, Tenn.	WNOX, WROL
Lamar, Colo.	KIDW
Laconia, N. H.	WLNH
Lo Crosse, Wis.	WKBH
Lafayette, La.	KVOL
La Grande, Ore.	KLBM
La Junta, Colo.	KOKO
Lake Charles, La.	KPLC
Lakeland, Fla.	WLAK
Lancaster, Pa.	WGAL
Lansing, Mich.	WJIM
Lapeer, Mich.	WMPC
Laredo, Texas	KPAB
Laurel, Miss.	WAML
Lawrence, Kans.	KFKU, WREN
Lawrence, Mass.	WLAW
Lewiston, Idaho	KRLC
Lewiston, Me.	WCOU
Lexington, Ky.	WLAP
Lima, Ohio	WBLV
Lincoln, Nebr.	KFAB, KFOR
Little Rock, Ark.	KARK, KGHI, KLRA
Logan, Utah	KVNU
Long Beach, Calif.	KFOX, KGER
Longview, Texas	KFRO
Longview, Wash.	KWLK
Los Angeles, Calif.	KECA, KEHE, KFAC, KFI, KFSG, KFVD, KFWB, KGFI, KHJ, KMTR, KNX, KRKD
Louisville, Ky.	WINN, WAVE, WHAS
Lowell, Ariz.	KSUN
Lowell, Mass.	WLLH
Lubbock, Texas	KFYO
Lufkin, Texas	KRBA
Lynchburg, Va.	WLVA

Location	Call
Macon, Ga.	WMAZ
Madison, Wis.	WHA, WIBA
Manchester, N. H.	WFEA
Mandan, N. D.	KGCU
Manhattan, Kans.	KSAC
Manitowac, Wis.	WOMT
Mankato, Minn.	KYSM
Marinette, Wis.	WMAM
Marquette, Mich.	WBEO
Marshalltown, Iowa	KFJB
Marshfield, Ore.	KOOS
Mason City, Iowa	KGLO
Mayaguez, P. R.	WPRa
McComb, Miss.	WSKB
Medford, Ore.	KMED
Memphis, Tenn.	WHBO, WMC, WMPS, WREC
Merced, Calif.	KYOS
Meridian, Miss.	WCOC
Miami, Fla.	WQAM, WIOD, WMBF
Miami Beach, Fla.	WKAT
Midland, Texas	KRLH
Milwaukee, Wis.	WEMP, WISN, WTMJ
Minneapolis, Minn.	WCCO, WDGY, WLB, WTCN
Minot, N. D.	KLPM
Mississippi City, Miss.	WGCM
Missoula, Mont.	KGVO
Mobile, Ala.	WMOB, WALA
Modesto, Calif.	KTRB
Monroe, La.	KMLB
Monterey, Calif.	KDON
Montgomery, Ala.	WSFA
Moorhead, Minn.	KVOX
Muncie, Ind.	WLBC
Muscle Shoals City, Ala.	WMSD
Muskegon, Mich.	WKBZ
Muskogee, Okla.	KFBX
Nampa, Idaho	KFXD
Nashville, Tenn.	WLAC, WSIX, WSM
Newark, N. J.	WHBI, WOR
New Albany, Ind.	WGRC
New Bedford, Mass.	WNBH
New Britain, Conn.	WNBC
Newburgh, N. Y.	WNGY
New Castle, Pa.	WKST
New Haven, Conn.	WELI
New London, Conn.	WNLC
New Orleans, La.	WBNO, WDSU, WJBW, WWL, WSMB
Newport News, Va.	WGH
New York, N. Y.	WABC-WBOQ, WBIL, WBNX, WEAF, WEVD, WHN, WINS, WJZ, WLTH, WMCA, WNEW, WNYC, WOV, WQXR
Norfolk, Nebr.	WJAG
Norfolk, Va.	WTAR
Norman, Okla.	WNAD
Northfield, Minn.	WCAL
North Platte, Nebr.	KNFN
Oakland, Calif.	KLX, KLS, KROW



Fibber McGee and Molly
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Dr. Damrosch
N. B. C.



Raymond Scott
C. B. S.



Orson Welles
C. B. S.

Location	Call	Location	Call
Ocala, Fla.	WTMC	Quincy, Ill.	WTAD
Ogden, Utah	KLO	Racine, Wis.	WRJN
Oklahoma City, Okla.	KOCY, KOMA, KTOK, WKY	Raleigh, N. C.	WPTF
Okmulgee, Okla.	KHBG	Rapid City, S. D.	KOBH, WCAT
Olean, N. Y.	WHDL	Reading, Pa.	WEEU, WRAW
Olympia, Wash.	KGY	Red Bank, N. J.	WBRB
Omaha, Nebr.	KOIL, WOW	Redding, Calif.	KVCV
Orlando, Fla.	WDBO	Reno, Nev.	KOH
Owensboro, Ky.	WOMI	Richmond, Ind.	WKBV
Paducah, Ky.	WPAD	Richmond, Va.	WBBL, WMBG, WRNL, WRTD, WRVA
Palestine, Texas	KNET	Roanoke, Va.	WDBJ
Pampa, Texas	KPDN	Rochester, Minn.	KROC
Paris, Texas	KPLT	Rochester, N. Y.	WHAM, WHEC, WSAV
Parkersburg, W. Va.	WPAR	Rockford, Ill.	WROK
Pasadena, Calif.	KPPC	Rock Island, Ill.	WHBF
Pecos, Texas	KIUN	Rock Springs, Wyo.	KVRS
Pensacola, Fla.	WCOA	Rocky Mount, N. C.	WEED
Peoria Heights, Ill.	WMBD	Rome, Ga.	WRGA
Philadelphia, Pa.	KYW, WCAU, WDES, WFIL, WHAT, WIP, WPEN, WTEL	Roseburg, Ore.	KRNR
Phoenix, Ariz.	KTAR, KOY	Roswell, N. M.	KGFL
Pierre, S. D.	KGFX	Rutland, Vt.	WSYB
Pine Bluff, Ark.	KOTN	Sacramento, Calif.	KFBK, KROY
Pittsburg, Kans.	KOAM	Safford, Ariz.	KGLU
Pittsburgh, Pa.	KDKA, KQV, WCAE, WJAS, WWSW	St. Albans, Vt.	WQDM
Pittsfield, Mass.	WBRK	St. Augustine, Fla.	WFOY
Plattsburg, N. Y.	WMFF	St. Cloud, Minn.	KFAM
Pocotello, Idaho	KSEI	St. Joseph, Mo.	KFEQ
Ponca City, Okla.	WBBZ	St. Louis, Mo.	KMOX, KSD, KWK, KXOK, WEW, WIL
Ponce, P. R.	WPRP	St. Paul, Minn.	KSTP, WMIN
Poplar Bluff, Mo.	KWOC	St. Petersburg, Fla.	WSUN
Port Arthur, Texas	KPAC	Salem, Ore.	KSLM
Port Huron, Mich.	WHLs	Salina, Kans.	KSAL
Portland, Me.	WCSH, WGAN	Salisbury, Md.	WSAL
Portland, Ore.	KALE, KBPS, KEX, KGW, KWJJ, KOIN, KXL	Salisbury, N. C.	WSTP
Portsmouth, N. H.	WHEB	Salt Lake City, Utah	KDYL, KLO, KSL, KUTA
Portsmouth, Ohio	WPAY	San Angelo, Texas	KGKL
Poynette, Wis.	WIBU	San Antonio, Texas	KABC, KMAC, KONO, KTSA, WOAI
Presque Isle, Me.	WAGM	San Bernardino, Calif.	KFXM
Price, Utah	KEUB	San Diego, Calif.	KFSD, KGB
Providence, R. I.	WEAN, WJAR, WPRO	San Francisco, Calif.	KFRC, KGO, KJBS, KPO, KSAN, KSFO, KYA
Pueblo, Colo.	KGHF	San Jose, Calif.	KQW
Pullman, Wash.	KWSC		

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Een Bernie
C. B. S.



Fannie Brice
N. B. C.



Fred Waring
N. B. C.



Al Pearce
N. B. C.

Location	Call	Location	Call
San Juan, P. R.	WKAQ, WNEL	Tucson, Ariz.	KGAR, KVOA
San Luis Obispo, Calif.	KVEC	Tulsa, Okla.	KOME, KTUL, KVOO
Santa Ana, Calif.	KVOE	Tuscaloosa, Ala.	WJRD
Santa Barbara, Calif.	KDB, KTMS	Tuscola, Ill.	WDZ
Santa Fe, N. M.	KROA	Twin Falls, Idaho	KTFI
Santa Rosa, Calif.	KSRO	Tyler, Texas	KGKB
Saranac Lake, N. Y.	WNBZ	Uniontown, Pa.	WMBS
Savannah, Ga.	WTOC, WSAV	Urbana, Ill.	WILL
Schenectady, N. Y.	WGY	Utica, N. Y.	WIBX
Scottsbluff, Nebr.	KGKY	Valley City, N. D.	KOVC
Scranton, Pa.	WGBI, WQAN	Vermillion, S. D.	KUSD
Seattle, Wash.	KEEN, KIRO, KJR, KOL, KOMO, KRSC, KTW, KXA	Vicksburg, Miss.	WQBC
Seima, Ala.	WHBB	Virginia, Minn.	WHLB
Sharon, Pa.	WPIC	Visalia, Calif.	KTKC
Shawnee, Okla.	KGFF	Waco, Texas	WACO
Sheboygan, Wis.	WHBL	Walla Walla, Wash.	KUJ
Shenandoah, Iowa	KFNF, KMA	Washington, D. C.	WJSV, WMAL, WOL, WRC
Sheridan, Wyo.	KWYO	Waterbury, Conn.	WATR, WBRY
Sherman, Texas	KRRV	Waterbury, Vt.	WDEV
Shreveport, La.	KRMD, KTBS, KWKH	Watertown, S. D.	KWTN
Siloam Springs, Ark.	KUOA	Watsonville, Calif.	KHUB
Sioux City, Iowa	KSCJ, KTRI	Wausau, Wis.	WSAU
Sioux Falls, S. D.	KELO, KSOO	Waycross, Ga.	WAYX
South Bend, Ind.	WFAM, WSBT	Wenatchee, Wash.	KPQ
Spartanburg, S. C.	WSPA	Weslaco, Texas	KRGV
Spokane, Wash.	KFIO, KFPY, KGA, KHQ	West Palm Beach, Fla.	WJNO
Springfield, Ill.	WCBS, WTAX	West Lafayette, Ind.	WBAA
Springfield, Mass.	WBZA, WMAZ, WSPR	Wheeling, W. Va.	WVVA
Springfield, Mo.	KGBX, KWTO	White Plains, N. Y.	WFAS
Springfield, Vt.	WNBX	Wichita, Kans.	KANS, KFH
Sterling, Colo.	KGEK	Wilkes-Barre, Pa.	WBAX, WBRE
Stevens Point, Wis.	WLBL	Williamsport, Pa.	WRAK
Stockton, Calif.	KGDM, KWG	Wilmington, Del.	WDEL, WILM
Sunbury, Pa.	WKOK	Wilson, N. C.	WGMT
Syracuse, N. Y.	WFBL, WSYR, WSYU	Winona, Minn.	KWNO
Tacoma, Wash.	KMO, KVI	Winston-Salem, N. C.	WAIR, WSJS
Tallahassee, Fla.	WTAL	Wolf Point, Mont.	KGCX
Tampa, Fla.	WDAE, WFLA	Woodside, N. Y.	WWRL
Temple, Texas	KTEM	Worcester, Mass.	WORC, WTAG
Terre Haute, Ind.	WBOW	Yakima, Wash.	KIT
Texarkana, Ark.	KCMC	Yankton, S. Dak.	WNAX
Thomasville, Ga.	WPAX	York, Pa.	WORK
Toledo, Ohio	WSPD, WTOL	Youngstown, Ohio	WKBN
Topeka, Kans.	WIBW	Zanesville, Ohio	WALR
Trenton, N. J.	WTNJ	Zarephath, N. J.	WAWZ
Troy, N. Y.	WHAZ		

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SHORT WAVES AROUND THE WORLD

By DR. ORESTES H. CALDWELL

Editor "Radio Today," Former Federal Radio Commissioner

Not long ago I had the unusual experience of sending my voice around the world and hearing my own words come echoing back in the room from which I was speaking. Each syllable as I pronounced it seemed to be *prolonged*, very much as if one were speaking in a vast hall, from the walls of which the sounds echoed again. For as each syllable went on its 25,000-mile course, first to Holland, then Java, then Australia, and finally back across the Pacific Ocean, a delay of about one-seventh of a second was caused by the time taken by the radio waves to make the circuit of the globe, even at their lightning speed of 186,000 miles per second. And so the *returning sounds* issuing from the loud-speaker were about one-seventh of a second *behind* my original syllables.

In other words, through the magic of short waves the world had seemingly shrunk to the dimensions of a hall 75 feet wide, and the radio echo came back (after travelling 25,000 miles) in exactly the same time as the same sound waves would have required to travel 150 feet in air, in echoing back from a wall 75 feet distant.

But you can have adventures with short waves no less fascinating than my talk around the world, if you will snap the switch on your radio over to the short-wave band and begin to listen on the magic megacycles.

In the early morning the Orient comes in best. Japan and Australia are the best bets when the sun is still low in the East. Nazaki, Japan, can be heard on 6.75 and 10.74 megacycles from 5 a.m. to 8 a.m. Sydney, Australia, comes in at 9.51 meg. from 4 a.m. to 9 a.m. Then Daventry, England, 15.26 meg., is on at 7 a.m. and is heard till noon. Eindhoven, Holland, comes in at 15.22 meg. all morning. Daventry, England, 17.79 meg., is another morning visitor.

At noon, Rome, 9.64 meg., starts in its American matinee. Pontoise, France, 11.88 meg., is another afternoon performer. Germany is heard at several points, the great Zeesen station having transmitters at 9.54, 11.77, 15.20 and 17.76 meg.

In the evening Spain and the South American countries come in well. Many South American stations are in the 6-megacycle range. And so are several African transmitters, 6.137 meg. and 6.083 meg. Mexico City is at 6.01 meg.

Bandoeng, Java, is heard at 11 meg. during the morning hours. Moscow is at 12 meg. in the afternoon. Warsaw, Poland, is heard at 13.63 meg. at noon, and Geneva, Switzerland, comes in at 7.8 meg. at dinnertime.

So the happy possessor of a short-wave radio literally has the world at his fingertips and can soar at will across the seven oceans.

TELEVISION BROADCAST STATIONS

FEDERAL COMMUNICATIONS COMMISSION, WASHINGTON, D. C.

Licensee and Location	Call Letters	Frequency (kc) or Group	Power in Watts Visual	Power in Watts Aural
Columbia B'casting System, New York, N. Y....	W2XAX	B, C	50	7500
Dan Lee B'casting System, Los Angeles, Calif....	W6XAO	B, C	1000	150
Allen B. Du Mont Lab., Inc., Passaic, N. J....	W2XVT	B	50	50
Farnsworth Television, Inc., Springfield, Pa....	W3XPF	B, C	250	1000
First Nat. Television, Inc., Kansas City, Mo....	W9XAL	B, C	300	150
General Electric Co., Bridgeport, Conn....	W1XA	C	1000	3000
General Electric Co., Albany, N. Y....	W2XB	C	1000	3000
General Electric Co., Schenectady, N. Y....	W2XD	D	40
(156000-162000)				
General Electric Co., Schenectady, N. Y....	W2XH	B	40
General Television Corp., Boston, Mass....	W1XG	B, C	500
Kansas State College of Agr., Manhattan, Kans.	W9XAK	A	125	125
National B'casting Co., Inc., New York, N. Y....	W2XBS	B, C	12000	15000
National B'casting Co., Inc., Portable (Camden, N. J. and New York, N. Y.)....	W2XBT	D (92000 & 175000-180000)	400	100
Philca Radio and Tele. Corp., Philadelphia, Pa.	W3XE	B	10000	10000
Philca Radio and Tele. Corp., Philadelphia, Pa.	W3XP	D	15
(204000-210000)				
Purdue University, West Lafayette, Ind....	W9XG	A	1500
Radio Pictures, Inc., Long Island City, N. Y....	W2XDR	B, C	1000	500
RCA Manufacturing Co., Inc., Portable (Camden, N. J.)....	W3XAD	D	500	500
RCA Manufacturing Co., Inc., Camden, N. J....	W3XEP	B, C	3000	30000
RCA Manufacturing Co., Inc., Portable-Mobile (Camden, N. J.)....	W10XX	B, C	50	50
University of Iowa, Iowa City, Iowa....	W9XK	A	100
University of Iowa, Iowa City, Iowa....	W9XUI	B, C	100
Zenith Radio Corp., Chicago, Ill....	W9XZV	B, C	1000	1000

Group A—2000 to 2100 kc. Group B—42000 to 56000 kc. Group C—60000 to 86000 kc. Group D—Any 6000 kc frequency band above 110000 kc excluding 400000 to 401000 kc.

TIME-TABLE

For several centuries, time all over the world has been reckoned in terms of Greenwich Standard Time. The table which follows shows the time at all points in the United States, when it is midnight at Greenwich. (London.)

GMT.	EST.	CST.	MST.	PST.
M.N.—Hr.	7 P.M.	6 P.M.	5 P.M.	4 P.M.
01	8	7	6	5
02	9	8	7	6
03	10	9	8	7
04	11	10	9	8
05	M.N.	11	10	9
06	1 A.M.	M.N.	11	10
07	2	1 A.M.	M.N.	11
08	3	2	1 A.M.	M.N.
09	4	3	2	1 A.M.
10	5	4	3	2
11	6	5	4	3
Naan 12	7	6	5	4
13	8	7	6	5
14	9	8	7	6
15	10	9	8	7
16	11	10	9	8
17	Naan	11	10	9
18	1 P.M.	Naan	11	10
19	2	1 P.M.	Naan	11
20	3	2	1 P.M.	Naan
21	4	3	2	1 P.M.
22	5	4	3	2
23	6	5	4	3
24	7	6	5	4

GMT. Means Greenwich Mean Time.
EST. Means Eastern Standard Time.
CST. Means Central Standard Time.

MST. Means Mountain Standard Time.
PST. Means Pacific Standard Time.
M.N. Means Midnight.

WORLD SHORT-WAVE STATION LIST—Arranged by Countries and Cities

Some Less-Frequently-Heard Stations Omitted

NORTH AMERICA

Call	Location	Kc.	Meters	Call	Location	Kc.	Meters
CANADA							
VE9CA	Calgary, Alberta...	6,030	49.75	W3XAL	Bound Brook, N. J.	6,100	49.18
CHNX	Halifax, N. S.	6,130	48.94	W3XAL	Bound Brook, N. J.	17,780	16.87
VE9HX	Halifax, N. S.	6,110	49.10	W3XAL	Bound Brook, N. J.	21,630	13.80
CFCX	Montreal, Que.	6,005	49.96	W8XH	Buffalo, N. Y.	31,600	9.49
VE9DN	Montreal, Que.	6,005	49.96	W4XBW	Chattanooga, Tenn.	31,600	9.49
CFU	Rosland, B. C.	5,705	52.59	W9XBS	Chicago, Ill.	31,600	9.49
CFRX	Toronto, Ont.	6,070	49.42	W9XAA	Chicago, Ill.	11,830	25.36
CRXC	Toronto, Ont.	6,090	49.26	W9XAA	Chicago, Ill.	6,080	49.34
VE9BK	Vancouver, B. C.	4,795	62.56	W8XAL	Cincinnati, Ohio.	6,060	49.50
VE9CS	Vancouver, B. C.	6,070	49.43	W8XNU	Cincinnati, Ohio.	26,950	11.56
CJRO	Winnipeg, Man.	6,150	48.70	W8XNT	Cleveland, Ohio.	31,600	9.49
CJRX	Winnipeg, Man.	11,720	25.60	W5XD	Dallas, Texas.	31,600	9.49
VE9CL	Winnipeg, Man.	6,150	48.78	W9XLA	Denver, Col.	31,600	9.49
MEXICO							
XECU	Guadalajara, Jolisco	6,115	49.06	W8XWJ	Detroit, Mich.	31,600	9.49
XEBM	Mazatlan, Sinaloa	15,300	19.61	W1XEQ	Fairhaven, Mass.	31,600	9.49
XEBQ	Mazatlan, Sinaloa	6,030	49.75	W5XGC	Hamble, Texas.	31,600	9.49
XEBR	Hermosilla.	11,826	25.37	W9XZA	Harrisburg, Ill.	26,500	11.32
XEBT	Mexico, D. F.	6,003	49.97	WND	Hialeah Fla.	4,097	73.93
XECR	Mexico, D. F.	7,380	40.65	W9XER	Kansas City, Mo.	31,600	9.49
XEPW	Mexico, D. F.	6,120	49.02	WKA	Lawrenceville, N. J.	21,060	14.25
XEUZ	Mexico, D. F.	6,117	49.04	WKF	Lawrenceville, N. J.	19,220	15.61
XEWI	Mexico, D. F.	11,900	20.21	WOY	Lawrenceville, N. J.	4,753	63.11
XEWV	Mexico, D. F.	15,160	19.79	W6XKG	Los Angeles, Cal.	26,950	11.56
XEXA	Mexico, D. F.	6,133	48.91	W4XCA	Memphis Tenn.	31,600	9.49
XEFT	Veracruz, Ver.	9,493	31.60	W4XB	Miami Beach, Fla.	6,040	49.67
XEUW	Veracruz, Ver.	6,020	49.83	W1XK	Millis, Mass.	9,570	31.35
XETA	Manterey.	11,760	25.51	W9XHW	Minneapolis, Minn.	31,600	9.49
UNITED STATES							
W8XUY	Akron, Ohio.	31,600	9.49	W2XDG	New York, N. Y.	31,600	9.49
NAA	Arlington, Va.	9,425	31.83	W2XDV	New York, N. Y.	31,600	9.49
NAA	Arlington, Va.	4,390	68.34	W2XE	New York, N. Y.	21,520	13.94
W3XES	Baltimore, Md.	31,600	9.49	W2XE	New York, N. Y.	17,760	16.89
W3XEY	Baltimore, Md.	31,600	9.49	W2XE	New York, N. Y.	15,270	19.65
WVW	Beltsville Md.	15,000	20.00	W2XE	New York, N. Y.	11,830	25.36
W1XAL	Boston, Mass.	21,460	13.98	W2XE	New York, N. Y.	6,120	49.02
W1XAL	Boston, Mass.	15,250	19.67	W2XQO	New York, N. Y.	26,550	11.30
W1XAL	Boston, Mass.	11,790	25.45	W2XJI	New York, N. Y.	26,300	11.41
W1XAL	Boston, Mass.	6,040	49.67	W3XEX	Norfolk, Va.	31,600	9.49
W1XKA	Boston, Mass.	31,600	9.49	WOO	Ocean Gate, N. J.	4,753	63.11
W1XER	Boston, Mass.	31,600	9.49	W5XAU	Oklahoma City.	31,600	9.49
W1XOE	Boston, Mass.	31,600	9.49	W9XUY	Omaha, Neb.	31,600	9.49
W2XHG	Bound Brook, N. J.	31,600	9.49	W3XAU	Philadelphia, Pa.	6,060	49.50
				W3XAU	Philadelphia, Pa.	9,590	31.28
				W3XAU	Philadelphia, Pa.	21,520	13.94
				W3XIR	Philadelphia, Pa.	31,600	9.49
				W3XKA	Philadelphia, Pa.	31,600	9.49
				W8XK	Pittsburgh, Pa.	6,140	48.86
				W8XK	Pittsburgh, Pa.	11,870	25.27
				W8XK	Pittsburgh, Pa.	15,210	19.72
				W8XK	Pittsburgh, Pa.	21,540	13.93



Dr. Orestes H. Caldwell, Editor



Laura Suarez
N. B. C.



Malu & Paulina Gatica
N. B. C.



Olga Andre
N. B. C.

Call	Location	Kc.	Meters	Call	Location	Kc.	Meters
W8XKA	Pittsburgh, Pa.	31,600	9.49	W9XOY	St. Louis, Mo.	31,600	9.49
W8XAI	Rochester, N. Y.	31,600	9.49	W6XAS	San Francisco, Cal.	31,600	9.49
WEG	Rocky Point, N. Y.	7,415	40.45	NPG	San Francisco, Cal.	12,885	23.28
WEF	Rocky Point, N. Y.	9,490	31.61	W2XAD	Schenectady, N.Y.	15,330	19.57
WEA	Rocky Point, N. Y.	10,610	28.28	W2XAF	Schenectady, N.Y.	9,530	31.48
W9XPD	St. Louis, Mo.	31,600	9.49	W1XKB	Springfield, Mass.	31,600	9.49

CENTRAL AMERICA

COSTA RICA

TIANRH	Heredia	9,670	31.02
TIBWS	Puntarenas	7,550	39.74
TIEP	San Jose	6,687	44.86
TIGPH	San Jose	5,830	51.46
TIR3	San Jose	7,450	40.27
TIR3D	San Jose	11,935	25.12
TIPG	San Jose	6,410	46.80
TIRCC	San Jose	6,550	45.80

GUATEMALA

TWGA	Guatemala City	11,760	25.51
TGS	Guatemala City	5,713	52.51
TGWA	Guatemala City	15,170	19.77
TGWA	Guatemala City	6,000	50.00

HONDURAS

HRD	La Ceiba	6,235	48.11
HRP1	San Pedro Sula	6,357	47.20
HRN	Tegucigalpa	5,875	51.06
HRN	Tegucigalpa	5,910	50.76

NICARAGUA

YNH6	Boam	6,350	47.24
YNLAT	Granada	6,470	46.36
YNAM	Managua	7,200	41.67

YNGU	Managua	9,300	32.26
YNLF	Managua	7,560	39.68
YNLG	Managua	8,505	35.27
YNOP	Managua	5,758	52.10
YN1GG	Managua	6,540	45.87
YNPR	Managua	8,580	34.92
YNE	Puerto Cabezas	12,680	23.66
YNE	Puerto Cabezas	11,430	26.25
YNE	Puerto Cabezas	9,220	32.54
YNJ7	Wapam	6,350	47.24
YNJ7	Wapam	4,610	65.08
YNJ5	Waspoak	6,350	47.24
YNJ5	Waspoak	4,610	65.08

PANAMA

HP5F	Calan	6,075	49.38
HP5K	Calan	5,990	50.08
HP5B	Panama	6,030	49.75
HP5J	Panama	9,605	31.23
HP5Z	Panama	6,120	49.02
HP5G	Panama	11,780	25.47

EL SALVADOR

YSL	San Salvador	14,985	20.02
YSM	San Salvador	11,710	25.62
YSP	San Salvador	10,400	28.85

SOUTH AMERICA

ARGENTINA

LRA	Buenos Aires	9,690	30.96
LRU	Buenos Aires	15,280	19.63
LRX	Buenos Aires	9,660	31.06
LSK3	Hurlingham	10,250	29.27
LSL1	Hurlingham	7,901	37.98
LSL2	Hurlingham	10,300	29.13
LSL3	Hurlingham	15,810	18.97
LSL4	Hurlingham	21,160	14.19
LSM2	Hurlingham	14,500	20.69
LSM3	Hurlingham	19,140	15.68
LSN1	Hurlingham	14,530	20.65
LSN2	Hurlingham	9,890	30.32
LSN6	Hurlingham	21,020	14.27
LSF	Mante Grande	19,600	15.31
LSH	Mante Grande	5,435	55.19
LSX	Mante Grande	10,350	28.98
LSY	Mante Grande	10,410	28.82

BOLIVIA

CP5	La Paz	6,080	49.34
CP7	La Paz	15,300	19.60

BRAZIL

PSA	Marapicu	21,080	14.23
PSE	Marapicu	14,935	20.09
PSF	Marapicu	14,690	20.42
PSH	Marapicu	10,220	29.35
PSK	Marapicu	8,185	36.65
PRA.8	Pernambuca	6,015	49.84
PRF5	Rio de Janeiro	9,500	31.58
PPM	Sepetiba	10,310	29.10
PPQ	Sepetiba	11,670	25.71
PPU	Sepetiba	19,260	15.58
PPZ	Sepetiba	18,165	16.51

CHILE

CED	Antofagasta	10,230	29.33
CED	Antofagasta	8,035	37.34
CEC	La Grania	15,865	18.91
CB615	Santiago	6,150	48.78
CB960	Santiago	9,600	31.25
CB1180	Santiago	11,990	25.02
CB1190	Valdivia	11,910	25.20

COLOMBIA

HJ4ABH	Armenia	9,520	31.51
HJ1ABB	Barranquilla	9,559	31.38
HJ1ABB	Barranquilla	6,115	49.06
HJ1ABG	Barranquilla	6,042	49.65
HKV	Bagota	8,795	34.11
HJN	Bagota	5,955	50.38
HJ3ABD	Bagota	6,050	49.59
HJ3ABH	Bagota	6,012	49.90
HJ3ABX	Bagota	6,122	49.01
HJ5ABD	Cali	6,085	49.30
HJ1ABE	Cartagena	9,500	31.58
HJ2ABC	Cucuta	9,575	31.34
HJ4ABC	Ibaque	6,451	49.26
HJ4ABB	Manizales	6,108	49.11
HJ4ABE	Medellin	6,097	49.20
HJ4ABU	Pereira	6,150	48.78

BRITISH GUIANA

VP3BG	Georgetown	6,130	48.94
VP3MR	Georgetown	6,010	49.92

DUTCH GUIANA

PZH	Paramariba	7,000	42.86
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Call	Location	Kc.	Meters	Call	Location	Kc.	Meters
ECUADOR							
HCVT	Ambata	6,578	45.60	CWH	Cerroito	13,140	22.83
HC2CW	Guayaquil	8,400	35.71	CWD	Montevideo	5,830	51.46
HC2EBA	Guayaquil	9,441	31.78	CXA4	Montevideo	6,125	48.98
HC2RL	Guayaquil	6,635	45.22	VENEZUELA			
HCJB	Quito	8,948	33.53	YV3RA	Barauisimeto	5,899	50.84
HC1JB	Quito	14,430	20.79	YV5RC	Caracas	5,970	50.25
HC1PM	Quito	5,735	52.31	YV5RD	Caracas	6,156	48.73
PRADO	Riobamba	6,620	45.32	YV5RF	Caracas	6,380	47.02
PARAGUAY							
ZP10	Asuncion	8,300	36.14	YV5RH	Caracas	6,400	46.88
ZP11	Asuncion	3,800	78.95	YV5RJ	Caracas	6,250	48.00
ZP14	Villarica	11,720	25.60	YV5RP	Caracas	6,270	47.84
PERU							
OAX6A	Arequipa	6,122	49.01	YV6RB	Ciudad Bolivar	6,545	45.84
OAX1B	Chiclayo	6,164	48.67	YV1RI	Coro	6,205	48.35
OAX7A	Cuzco	6,128	48.96	YV1RM	Maracaibo	6,500	46.15
OAX4P	Huancayo	6,122	49.01	YV1RB	Maracaibo	5,850	51.28
OAX5A	Ica	1,804	25.42	YV1RD	Maracaibo	6,075	49.38
OAX4D	Lima	5,780	51.90	YV1RH	Maracaibo	6,365	47.14
OAX4G	Lima	6,260	47.92	YVQ	Maracay	13,337	22.47
OAX4I	Lima	9,330	32.15	YVQ	Maracay	6,672	44.96
OAX4K	Lima	6,425	46.67	YV4RD	Maracay	6,300	47.62
OAX42	Lima	9,562	31.37	YV15RV	Maracay	5,917	50.71
OAX2A	Trujillo	11,850	25.32	YV2RA	San Cristobal	5,710	52.54
WEST INDIES							
BERMUDA							
ZFA	Hamilton	5,025	59.70	HIZ	Ciudad Trujillo	6,310	47.54
ZFB	St. George	10,055	29.84	HI4D	Ciudad Trujillo	6,555	45.76
ZFD	St. George	10,335	29.03	HI7P	Ciudad Trujillo	6,900	43.48
CUBA							
CO9JQ	Camaguey	8,665	34.62	HI8A	Ciudad Trujillo	6,479	46.31
CMA3	Havana	15,505	19.35	HI8Q	Ciudad Trujillo	6,198	48.08
COCD	Havana	6,130	48.94	HI3C	La Romana	6,730	43.48
COCH	Havana	9,428	31.82	HIH	San Pedro de Macoris	6,775	44.38
COCO	Havana	6,010	49.92	HI1J	San Pedro de Macoris	5,865	51.15
COCQ	Havana	9,708	30.90	HI1A	Santiago	5,190	48.47
COCX	Havana	11,435	26.24	HI1S	Santiago	6,420	46.73
COGF	Matanzas	11,800	25.42	FRENCH WEST INDIES			
COHB	Sancti Spiritus	6,280	47.77	Fort de France, Martinique			
COKG	Santiago	6,200	48.39	HAITI			
CO9XX	Tuinica	15,550	19.29	HH2S	Port-au-Prince	5,925	50.64
DOMINICAN REPUBLIC							
HIG	Ciudad Trujillo	6,280	47.77	HH2Y	Port-au-Prince	9,551	31.41
HI3X	Ciudad Trujillo	15,270	19.65	HH3W	Port-au-Prince	9,645	31.10
HIN	Ciudad Trujillo	6,243	48.05	JAMAICA			
HIN	Ciudad Trujillo	12,486	24.03	VRR4	Stany Hill	11,595	25.88
HIT	Ciudad Trujillo	6,630	45.25	EUROPE			
HIX	Ciudad Trujillo	6,340	47.32	AUSTRIA			
AUSTRIA							
DJZ	Vienna	11,801	25.42	BELGIUM			
AZORES							
CT2AJ	San Miguel	4,002	74.77	ORG	Ruysslede	19,200	15.62
BULGARIA							
LZA	Sofia	14,970	20.04	ORK	Ruysslede	10,330	29.03

"Penny wise and pound foolish" ...

Saving on a cheap tube and
losing on a fine concert ... Use

TUNG-SOL RADIO TUBES

Noted for High Fidelity Reception

Call	Location	Kc.	Meters	Call	Location	Kc.	Meters
CZECHOSLOVAKIA							
OLR2B	Podebrady	6,030	49.75	LKL	Jeloy	6,130	48.94
OLR3A	Podebrady	9,550	31.41	LKC	Oslo	15,166	19.78
OLR4A	Podebrady	11,840	25.34	LKQ	Oslo	11,730	25.57
OLR5A	Podebrady	15,230	19.70	POLAND			
OLR4B	Podebrady	11,760	25.51	SPW	Warsaw	13,635	22.00
OLR5B	Podebrady	15,320	19.58	SPD	Warsaw	11,535	26.04
OLR5C	Podebrady	15,160	19.79	SPI9	Warsaw	15,120	19.84
DENMARK							
OXY	Skamlebaek	6,060	49.50	SP25	Warsaw	11,740	25.55
OZF	Skamlebaek	9,520	31.51	PORTUGAL			
OZG	Skamlebaek	11,805	25.41	CSW	Lisbon	11,840	25.35
OZH	Skamlebaek	15,320	19.58	CSW	Lisbon	11,040	27.17
FINLAND							
OFE	Lahti	11,780	25.47	CSW	Lisbon	9,940	30.18
OIE	Lahti	15,210	19.71	CT1AA	Lisbon	9,665	31.04
OIH	Lahti	17,800	16.85	CT1GO	Parade	11,900	25.21
FRANCE							
TFY	Paris	10,578	28.36	CT1GO	Parade	6,132	48.92
TPA2	Paris	15,243	19.68	RUMANIA			
TPA3	Paris	11,880	25.25	YOI	Bucharest	6,000	50.00
TPA4	Paris	11,720	25.60	SPAIN			
TPB3	Paris	17,850	16.81	ECN1	Barcelona	7,220	41.55
TPB6	Paris	15,130	19.83	EGP1	Barcelona	7,020	42.73
GERMANY							
DFT	Nauen	7,812	38.40	EA J33	Caramaca	10,350	28.98
DGU	Nauen	9,650	31.09	EAQ	Madrid	9,860	30.43
DGM	Nauen	9,920	30.24	EAR	Madrid	9,480	31.65
DGD	Nauen	10,210	29.38	EDN	Madrid	10,070	29.79
DGH	Nauen	10,440	28.74	SWEDEN			
DAF	Norddeich	11,340	26.46	SBG	Motala	11,705	25.63
DAF	Norddeich	13,275	22.60	SBG	Motala	6,060	49.50
DAF	Norddeich	17,265	17.30	SM5SD	Stockholm	7,281	41.20
DLO	Rehmate	19,947	15.04	SM5SX	Stockholm	15,155	19.79
DAS	Ruegen	8,330	36.01	SWITZERLAND			
DJA	Zeesen	9,560	31.38	HB9B	Basle	3,770	79.56
DJB	Zeesen	15,200	19.74	HBH	Geneva	18,480	16.23
DJC	Zeesen	6,020	49.83	HBJ	Geneva	14,535	20.64
DJD	Zeesen	11,770	25.49	HBO	Geneva	11,385	26.35
DJE	Zeesen	17,760	16.89	HBL	Geneva	9,595	31.27
DJL	Zeesen	15,110	19.85	HBP	Geneva	7,797	38.47
DJM	Zeesen	6,079	49.35	HB9AQ	Lausanne	3,525	85.11
DJN	Zeesen	9,540	31.45	TURKEY			
DJO	Zeesen	11,795	25.43	TAP	Ankara	9,465	31.70
DJP	Zeesen	11,855	25.31	TAQ	Ankara	15,195	19.74
DJQ	Zeesen	15,280	19.63	UNITED KINGDOM			
DJR	Zeesen	15,540	19.56	GSA	Davenport	6,050	49.59
DJS	Zeesen	21,450	13.99	GSB	Davenport	9,510	31.55
HUNGARY							
HAS3	Budapest	15,370	19.52	GSC	Davenport	9,580	31.32
HAS5	Budapest	17,130	17.51	GSD	Davenport	11,750	25.53
HAT4	Budapest	9,125	32.87	GSE	Davenport	11,860	25.30
ICELAND							
TFJ	Reykjavik	12,235	24.52	GSF	Davenport	15,140	19.81
ITALY							
IRF	Rome	9,830	30.52	GSG	Davenport	17,790	16.86
2RO3	Rome	9,635	31.14	GSH	Davenport	21,470	13.97
2RO4	Rome	11,810	25.40	GSI	Davenport	15,260	19.66
2RO6	Rome	15,300	19.61	GSJ	Davenport	21,530	13.93
2RO8	Rome	17,820	16.84	GSL	Davenport	6,110	49.10
MADEIRA							
CT3AQ	Funchal	4,000	75.00	GSO	Davenport	15,180	19.76
NETHERLANDS							
PH1J	Dordrecht	14,166	21.15	GSP	Davenport	15,310	19.60
PCJ	Huizen	9,590	31.28	GBS	Rugby	12,150	24.69
PCJ2	Huizen	15,220	19.71	GBU	Rugby	12,290	24.41
PHI2	Huizen	17,770	16.88	GBW	Rugby	14,440	20.78
NORWAY							
LKJ	Jeloy	9,530	31.48	GCP	Rugby	10,770	27.86
U. S. S. R.							
RAN	Moscow	9,600	31.25	VATICAN CITY			
RKI	Moscow	15,080	19.87	HVJ	Vatican City	17,845	16.81
RNE	Moscow	12,000	25.00	HVJ	Vatican City	15,123	19.84
RV96	Moscow	15,175	19.76	HVJ	Vatican City	11,740	25.55
YUGOSLAVIA							
YUA	Belgrade	6,100	49.20	HVJ	Vatican City	5,969	50.26

OCEANIA

Call	Location	Kc.	Meters	Call	Location	Kc.	Meters
AUSTRALIA							
VK3LR	Lyndhurst, Victoria	9,580	31.30	KKH	Kahuku	7,520	39.87
VLR3	Melbourne	11,880	25.95	KQH	Kahuku	14,920	20.11
VK3ME	Melbourne	9,510	31.53	MARQUESAN ISLANDS			
VK6ME	Perth	9,590	31.28	CR7BH	Lorenzo	11,718	25.60
VK2ME	Sydney	9,590	31.26	PHILIPPINE ISLANDS			
NEW ZEALAND							
ZLT	Wellington	11,000	27.27	KZRM	Manila	9,570	31.35
FIJI ISLANDS				KZRM	Manila	11,840	25.35
VPD	Suva	13,075	23.00	TAHITI			
VPD2	Suva	8,720	34.40	FO8AA	Papeete	7,100	42.25

ASIA

CHINA				JZH	Tokio	6,095	49.22
XOY*	Chengtu	9,370	32.02	JZJ	Tokio	11,800	25.42
XOZ	Chengtu	15,510	19.34	JZK	Tokio	1,516	19.81
XTJ	Hankow	11,690	25.66	JZL	Tokio	17,785	16.87
ZBW	Hong Kong	8,750	34.20	MANCHUKUO			
ZBW4	Hong Kong	15,190	19.75	JDY	Darien	9,920	30.24
ZBW5	Hong Kong	17,755	16.90	FEDERATED MALAY STATES			
XGOX	Nanking	17,800	16.84	ZGE	Kuala Lumpur	6,132	48.90
XGBA	Shanghai	21,550	13.91	ZHJ	Penang, Straits Settlements	6,080	49.31
XGBD	Shanghai	9,580	31.30	ZHI	Singapore	6,012	49.87
XGOW	Shanghai	9,300	32.26	FRENCH INDO-CHINA			
XQAJ	Shanghai	5,660	52.97	FZR3	Saigon	16,214	18.46
INDIA				FZS2	Saigon	11,991	25.10
VUB	Bombay	9,565	31.34	FZS3	Saigon	18,345	16.34
VUC	Calcutta	11,870	25.26	NETHERLANDS EAST INDIES			
VUC	Calcutta	6,110	49.07	PLP	Bandoeng, Java	11,000	27.27
VUD2	Delhi	9,590	31.28	PMN	Bandoeng, Java	10,260	29.24
VUD3	Delhi	15,160	19.79	YDA2	Bandoeng, Java	6,120	48.99
VUD4	Delhi	15,290	19.62	YDC	Bandoeng, Java	15,150	19.80
VWY	Kirkee	17,510	17.11	YDB	Soerabdia	15,300	19.61
VWY	Kirkee	8,975	33.40	YDA	Tandjong	6,040	49.67
IRAQ				SIAM			
YID	Bagdad	4,470	67.07	HS6PJ	Bangkok	19,020	15.77
JAPAN				HS6PJ	Bangkok	15,230	19.70
JVH	Nazak	14,600	20.54				
JVM	Nazak	10,740	27.92				
JVN	Nazak	10,660	28.12				
JVP	Nazak	7,510	39.92				
JVT	Nazak	6,750	44.42				

AFRICA

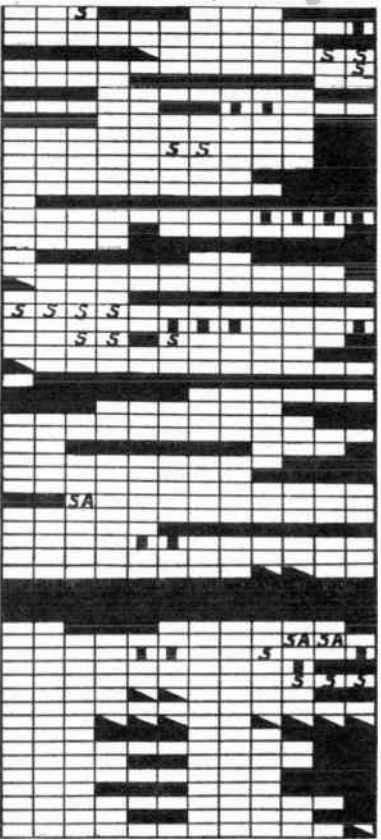
ALGERIA				MOROCCO			
F8KR	Constantine	6,660	45.05	CNR	Rabat	12,830	23.37
BRITISH EAST AFRICA				CNR	Rabat	9,300	32.24
VQ7LO	Nairobi, Kenya	9,616	31.18	PORTUGUESE WEST AFRICA			
VQ7LO	Nairobi, Kenya	6,083	49.48	CR7BH	Laurenco Marques	11,718	25.60
EGYPT				CR6AA	Lobitla, Angola	7,177	41.78
SUV	Cairo	10,055	29.84	UNION OF SOUTH AFRICA			
SUV	Cairo	9,570	31.33	ZEB	Bulwayo	6,147	48.80
SUX	Cairo	7,867	38.06	ZTJ	Johannesburg	7,320	40.96
				ZRJ	Johannesburg	6,098	49.17
				ZSS	Klipheuvcl	18,890	15.87
				ZRK	Klipheuvcl	9,615	31.20

TUNG-SOL AUTO RADIO TUBES

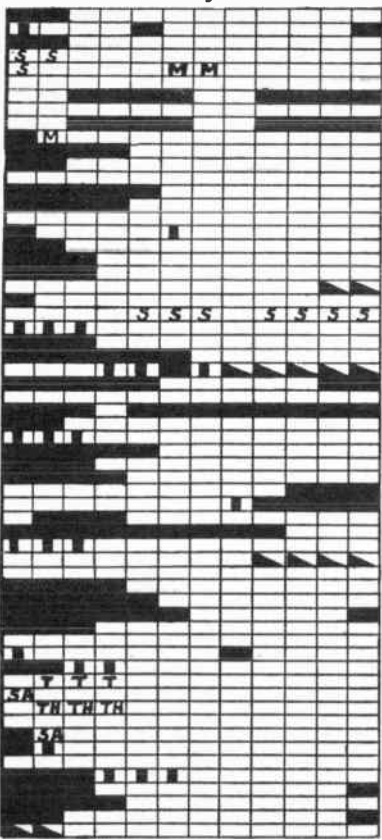
VIBRATION-TESTED—RESIST SHOCK

LIST OF SYMBOLS

- S—Sunday
- M—Monday
- T—Tuesday
- W—Wednesday
- Th—Thursday
- F—Friday
- SA—Saturday
- SS—Saturday, Sunday
- Daily
- ▣—Irregular
- ▤—Daily Except Sunday
- ▥—Daily Except Saturday, Sunday



25.64	HPSA	14700	Panama, Pana.
25.66	XTJ	11690	Hankow, China
26.01	SPB	11515	Warsaw, Poland
26.24	COCX	11435	Havana, Cuba
26.31	HBO	11402	Geneva, Switzerland
37.17	CSW	11040	Lisbon, Portugal
27.27	PLP	11000	Bandoeng, Java
29.04	ORK	10330	Ruyssedele, Belgium
29.34	PMN	10260	Bandoeng, Java
29.35	PSH	10220	Rio de Janeiro, Brazil
30.43	EAO	9860	Madrid, Spain
30.52	IRF	9830	Rome, Italy
30.81	CSW	9737	Lisbon, Portugal
31.02	W3XAL	9670	Bound Brook, N. J.
31.06	LRX	9660	Buenos Aires, Argentina
31.09	CS2WA	9650	Lisbon, Portugal
31.10	HH3W	9645	Port-au-Prince, Haiti
31.14	12RO3	9635	Rome, Italy
31.20	HJ1ABP	9616	Cartagena, Colombia
31.25	RAN	9600	Moscow, U.S.S.R.
31.28	VK6ME	9590	Perth, Australia
31.28	W3XAU	9590	Philadelphia, Pa.
31.28	VK2ME	9590	Sydney, Australia
31.28	PCJ	9590	Huizen, Holland
31.28	HF5J	9590	Panama City, Pana.
31.32	GSC	9580	Daventry, England
31.32	VKVLR	9580	Lyndhurst, Australia
31.35	W1XK	9570	Millis, Mass.
31.37	OAX4T	9562	Lima, Peru
31.38	DJA	9560	Zeesen, Germany
31.41	W2XAD	9550	Schenectady, N. Y.
31.42	OLR3A	9550	Podebrady, Czech.
31.42	XEFT	9550	Veracruz, Mexico
31.45	DJN	9540	Zeesen, Germany
31.48	W2XAF	9530	Schenectady, N. Y.
31.48	LKC	9530	Jeloy, Norway
31.49	ZBW3	9525	Hong Kong, China
31.51	OZF	9520	Skamlebak, Denmark
31.55	GSB	9510	Daventry, England
31.55	HJU	9510	Buenaventura, Colom.
31.55	VK3ME	9510	Melbourne, Australia
31.79	COCH	9428	Havana, Cuba
32.12	OAX4J	9330	Lima, Peru
33.32	COBX	9025	Havana, Cuba
34.62	COJK	8665	Camaguey, Cuba
38.48	HBP	7797	Geneva, Switzerland
44.14	H1H	6796	San Pedro, D. R.
44.71	TIEP	6710	San Jose, Costa Rica
45.22	HC2RL	6635	Guayaquil, Ecuador
45.25	HIT	6630	Trujillo, D. R.
45.34	PRADO	6618	Riobamba, Ecuador
45.80	H14D	6550	Trujillo, D. R.
46.01	YV4RB	6520	Valencia, Venezuela
46.01	H1L	6510	Trujillo, D. R.
46.66	H1S	6430	Puerto Plata, D. R.
46.85	YV5RH	6400	Caracas, Venezuela
47.02	YV5RH	6375	Caracas, Venezuela
47.12	YV1RH	6360	Maracaibo, Venezuela
47.24	HRP1	6350	San Pedro Sula, Hond.
47.69	H1G	6280	Trujillo, D. R.
47.77	COHB	6280	Cancti Spiritus, Cuba



INTERNATIONAL CALL LETTERS

Call Signal	Country	Call Signal	Country
CAA-CEZ	Chile	PAA-PIZ	Netherlands
CFA-CKZ	Canada	PJA-PJZ	Curacao
CLA-CMZ	Cuba	PKA-POZ	Dutch East Indies
CNA-CNZ	Morocco	PPA-PYZ	Brazil
COA-COZ	Cuba	PZA-PZZ	Surinam
CPA-CPZ	Bolivia	Q	(Abbreviations)
CQA-CRZ	Portuguese Colonies	R	U. S. S. R.
CSA-CUZ	Portugal	SAA-SMZ	Sweden
CVA-CXZ	Uruguay	SOA-SRZ	Poland
CYA-CZZ	Canada	SSA-SSZ	Egypt
D	Germany	STA-SUZ	
EAA-EHZ	Spain	SVA-SZZ	Greece
EIA-EIZ	Irish Free State	TAA-TCZ	Turkey
ELA-ELZ	Liberia	TFA-TFZ	Iceland
EPA-EQZ	Persia	TGA-TGZ	Guatemala
ESA-ESZ	Estonia	TIA-TIZ	Costa Rica
ETA-ETZ	Ethiopia	TKA-TZZ	France and Colonies and Protectorates
EZA-EZZ	Territory of the Saar	U	U. S. S. R.
F	France and Colonies: and Protectorates	VAA-VGZ	Canada
G	Great Britain	VHA-VMZ	Australia
HAA-HAZ	Hungary	VOA-VOZ	Newfoundland
HBA-HBZ	Switzerland	VPA-VSZ	British Colonies and Protectorates
HCA-HCZ	Ecuador	VTA-VWZ	British India
HHA-HHZ	Haiti	VXA-VYZ	Canada
HIA-HIZ	Dominican Republic	W	United States of America
HJA-HKZ	Colombia	XAA-XFZ	Mexico
HPA-HPZ	Republic of Panama	XGA-XUZ	China
HRA-HRZ	Honduras	XYA-XZZ	British India
HSA-HSZ	Siam	YAA-YAZ	Afghanistan
HVA-HVZ	Vatican City	YBA-YHZ	Dutch East Indies
HZA-HZZ	Saudi Arabia	YIA-YIZ	Iraq
I	Italy and Colonies	YJA-YJZ	New Hebrides
J	Japan	YLA-YLZ	Latvia
K	United States of America	YMA-YMZ	Free City of Danzig
LAA-LNZ	Norway	YNA-YNZ	Nicaragua
LOA-LWZ	Argentina	YOA-YRZ	Roumania
LXA-LXZ	Luxemburg	YSA-YSZ	Republic of El Salvador
LYA-LYZ	Lithuania	YTA-YUZ	Yugoslavia
LZA-LZZ	Bulgaria	YVA-YWZ	Venezuela
M	Great Britain	ZAA-ZAZ	Albania
N	United States of America	ZBA-ZJZ	British Colonies and Protectorates
OAA-OCZ	Peru	ZKA-ZMZ	New Zealand
OEA-OEZ	Austria	ZPA-ZPZ	Paraguay
OFA-OHZ	Finland	ZSA-ZUZ	Union of South Africa
OIA-OJZ		ZVA-ZZZ	Brazil
OKA-OKZ	Czechoslovakia		
ONA-OTZ	Belgium and Colonies		
OUA-OZZ	Denmark		

CALL LETTERS OF PRINCIPAL SHIPS

UNITED STATES LINES

WIEA	Manhattan
WLEE	Washington
KDWK	President Harding
KDWS	President Roosevelt

AMERICAN REPUBLICS LINE

WMCM	Uruguay
WMDS	Argentine
WSBW	Brazil

FURNESS BERMUDA LINE

GSKD	Monarch of Bermuda
GSKF	Queen of Bermuda
GLKY	Carinthia

FRENCH LINE

FNRR	DeGrasse
FNSK	Normandie
FNSM	Ile de France
FNOU	La France
FNUN	Champlain

NORTH GERMAN LLOYD

DOAH	Bremen
DOAI	Europa
DHAO	Hansa
DJNB	Deutschland
DIDP	Milwaukee
DJNY	New York
DHTV	Reliance
DOAK	Stuttgart

CUNARD WHITE STAR LINE

GBRQ	Franconia
GBIT	Queen Mary
GDXF	Britannic
GLRZ	Aquitania
GMBJ	Empress of Britain
GRLJ	Georgic
GTTM	Mauretania

ITALIAN LINE

IBLI	Cante de Savaia
ICEJ	Rex
ICEV	Roma
ICGZ	Saturnia
ICOF	Vulcania

FACTS ON FACSIMILE

Radio's method of printing a newspaper in the home is coming of age. Twenty-three stations are licensed to send out facsimile signals and two manufacturers are now turning out receivers. Two systems are now being used—that developed by W. G. Finch and the system worked out by Radio Corporation engineers.

Of the 23 stations that have received experimental licenses, 14 are on the broadcast band, 9 on the short wave. The latter permits broadcasting of facsimile at any time, but on the broadcast band transmission is limited to the hours between midnight and 6 a.m.

In most cases newspaper-owned stations have taken up facsimile. While not expected to displace the newspaper, it is thought facsimile will supplement it. Thus, papers are vitally interested. Radiofolk believe there will be a comfortable market development in facsimile in the next year or two. Principal obstacles to be hurdled are speeding up reception (now three feet per hour) and lowering price. As demand increases it is expected that increased production will help lower prices.

(Condensed from an article in "Radio Today")

FACSIMILE STATIONS

Broadcast band—early morning hours only

Location	Station	Frequency	Power	Owner
Fresno, Calif.	KMJ	580 kc	1 kw	McClotchy B'casting System
Sacramento, Calif.	KFBK	1490 kc	10 kw	McClotchy B'casting System
Chicago, Ill.	WGN	720 kc	50 kw	WGN, Inc.
Des Moines, Iowa	WHO	1000 kc	50 kw	Central B'casting Co.
Detroit, Mich.	WWJ	920 kc	5 kw	Detroit News
St. Paul, Minn.	KSTP	1460 kc	25 kw	Not. Battery B'casting Co.
Newark, N. J.	WOR	710 kc	50 kw	Bomberger B'casting Service, Inc.
Buffalo, N. Y.	WBEN	900 kc	1 kw	WBEN, Inc.
Cincinnati, Ohio	WLW	700 kc	50 kw	Crosley Corp.
Cincinnati, Ohio	WSAI	1330 kc	5 kw	Crosley Corp.
Cleveland, Ohio	WCLE	610 kc	500 w	Cleveland Plaindealer
Cleveland, Ohio	WHK	1390 kc	1 kw	Radio Air Service Corp.
Nashville, Tenn.	WSM	650 kc	50 kw	National L. & A. Insurance Co.
Newport News, Va.	WGH	1310 kc	250 w	Hampton Roads B'casting Co.

Short Wave

Detroit, Mich.	WBXY	8 meters	150 w	Evening News Assn., Inc.
Jackson, Mich.	WBXUF	8 meters	100 w	Sparks-Withington Co.
St. Louis, Mo.	W9XSP	8 meters	100 w	Star-Times Publishing Co.
St. Louis, Mo.	W9XZY	8 meters	100 w	Pulitzer Pub. Co.
Sargents Purchase, N. H.	W1XXZ	8 meters	500 w	Yankee Network, Inc.
Long Island City, N. Y.	W2XR	150,8,3 m.	1 kw	Radio Pictures, Inc.
New York, N. Y.	W2XUP	8 meters	100 w	Bamberger B'casting Service
New York, N. Y.	W2XBF	8 meters	1 kw	W. G. H. Finch
Cleveland, Ohio	W8XE	8 meters	50 w	Radio Air Service Corp.

. . . MY FAVORIT

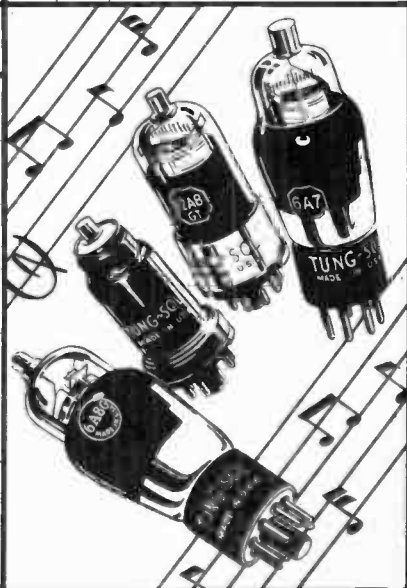
. . SUNDAY MONDAY . .
. . THURSDAY FRIDAY . .

E PROGRAM . . .

.. TUESDAY ..

.. WEDNESDAY ..

.. SATURDAY ..



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A general inspection of your radio set, by trained technicians, is a sound investment in radio enjoyment and entertainment.

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