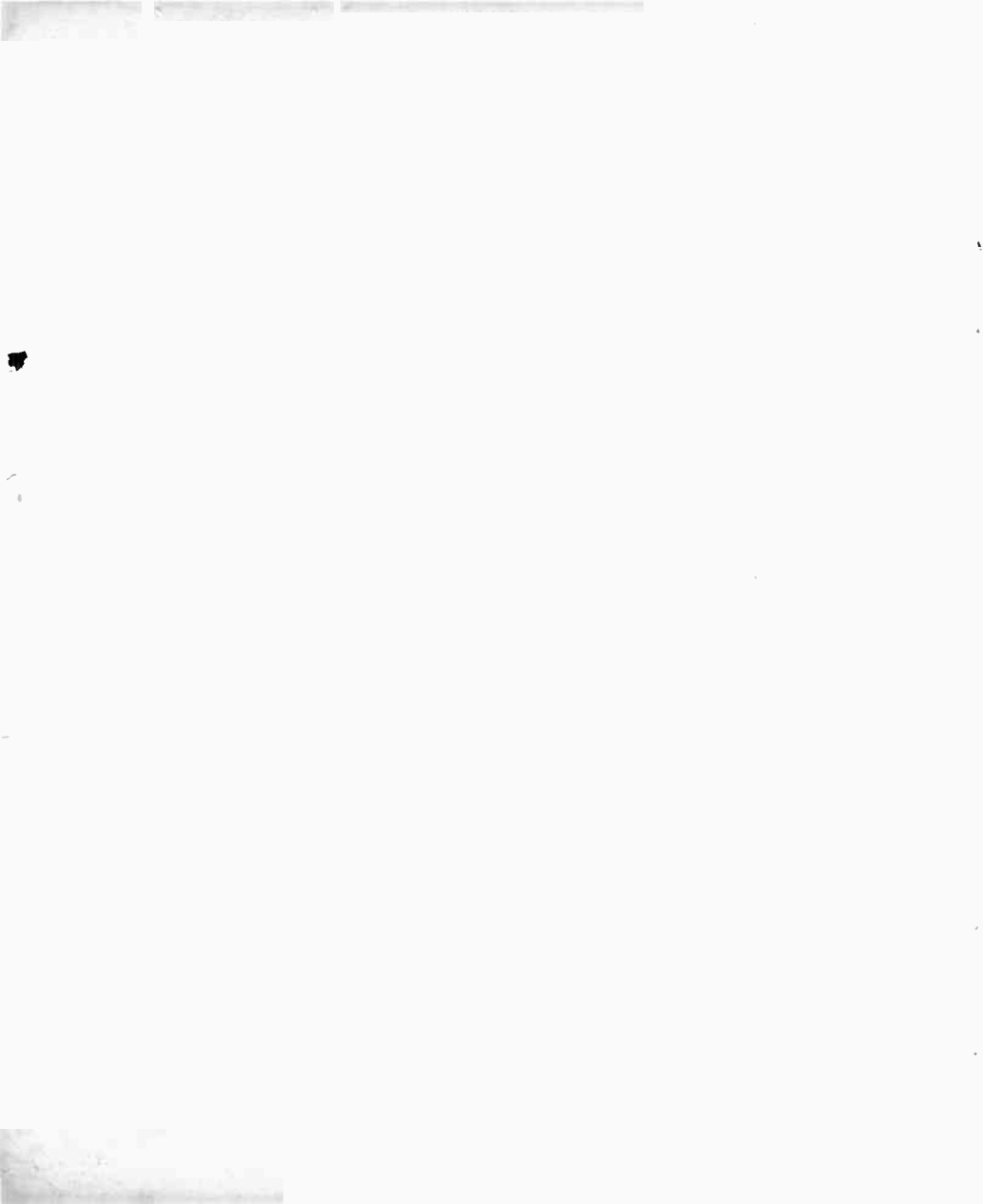
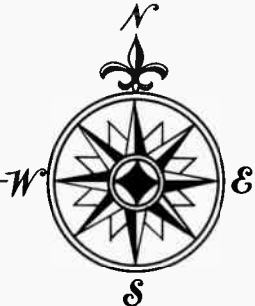


*Around the World*  
= with =  
**TUNG-SOL**  
WORLD RADIO LOG  
= 25¢ =





# TUNG-SOL

## WORLD RADIO LOG

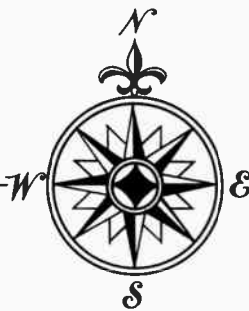
### How to Get the Best That's on the Air at Home and Abroad

By CLYDE C. BOHNER

Vice-President in Charge of Engineering

Whatever your radio set, remember it is your contact with the wonder world of radio. Broadcasting is being constantly improved by an army of fine technicians. Receiving sets are keeping step in the march of radio progress. If you haven't a good set, get one. It's an investment that will pay you rich dividends in entertainment, education and keeping in touch with current events. If you have a good set, keep it good. It's easy for the ear to become accustomed to reception that gradually gets poorer. With millions of dollars being spent on broadcasts for you to receive free, it is poor economy to put up with anything short of the best reception. Have your set inspected regularly.

The modern radio set is a very complicated mechanism and, like the modern automobile, requires proper servicing. The average radio set is probably in use many more hours a day than the



average car, but the small amount of attention the set receives is, indeed, deplorable. No one waits to replace spark plugs until they will not function. Yet so many people try to get along with tubes long past their normal life. You can't get good reception with worn-out tubes.

The dealer who gives you this log will be glad to go over your set, check it up and tell you what's needed to put it in shape to get the best that's on the air. Perhaps it only needs adjusting, balancing and tuning the condensers, or replacing tubes. Ask him about your antenna. A properly constructed antenna is not expensive and will make a world of difference in your reception.

The Tung-Söl franchised dealer knows his business and he knows his tubes. He has selected and recommends Tung-Sol tubes because he knows the quality and precision built into them. He has been selected by Tung-Sol because of his competence and standing. You can call him in with the assurance that your set will receive expert servicing at a reasonable cost.

The photographs of the radio stars appearing on the pages alongside the American programs 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. Foreign stars appear by courtesy of "Short-Wave Listener." Certain of the tables were supplied by "Radio News." To all the above we extend our sincere appreciation for the 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



Lawrence Tibbett  
N. B. C.



Annette Hanshaw  
C. B. S.



Nick Lucas  
C. B. S.



Peg La Centra  
N. B. C.

Call	Kc.	Location	Kw.	Call	Kc.	Location	Kw.
KABC	1420	San Antonio, Texas	.1	KFUO	550	St. Louis, Mo.	.5
KABR	1420	Aberdeen, S. D.	.1	KFVD	1000	Los Angeles, Calif.	.25
KADA	1200	Ada, Okla.	.1	KFVS	1210	Cape Girardeau, Mo.	.1
KALE	1420	Alexandria, La.	.1	KFWB	950	Hollywood, Calif.	1.
KALE	1300	Portland, Ore.	.5	KFXD	1200	Nampa, Idaho	.1
KARK	890	Little Rock, Ark.	.25	KFKJ	1200	Grand Junction, Colo.	.1
KASA	1210	Elk City, Okla.	.1	KFKM	1210	San Bernardino, Calif.	.1
KAST	1370	Astoria, Ore.	.1	KFKR	1310	Oklahoma City, Okla.	.1
KBPS	1420	Portland, Ore.	.1	KFYO	1310	Lubbock, Texas	.1
KBTM	1200	Jonesboro, Ark.	.1	KFYR	550	Bismarck, N. Dakota	1.
KCMC	1420	Texarkana, Ark.	.1	KGA	1470	Spokane, Wash.	5.
KCRC	1360	Enid, Okla.	.25	KGAR	1370	Tucson, Ariz.	.1
KCRJ	1310	Jerome, Ariz.	.1	KGB	1330	San Diego, Calif.	1.
KDB	1500	Santa Barbara, Calif.	.1	KGBU	900	Ketchikan, Alaska	.5
KDFN	1440	Casper, Wyo.	.5	KGBX	1230	Springfield, Mo.	.5
KDKA	980	Pittsburgh, Pa.	50.	KGBZ	930	York, Nebr.	1.
KDLR	1210	Devils Lake, N. Dak.	.1	KGCA	1270	Decorah, Iowa	.25
KDYL	1290	Salt Lake City, Utah	1.	KGCU	1240	Mandan, N. Dakota	.25
KECA	1430	Los Angeles, Calif.	1.	KGCX	1310	Wolf Point, Montana	.1
KEHE	780	Los Angeles, Calif.	.5	KGDE	1200	Fergus Falls, Minn.	.1
KELD	1370	El Dorado, Ark.	.1	KGDM	1100	Stockton, Calif.	1.
KELW	780	Burbank, Calif.	.5	KODY	1340	Huron, S. Dak.	.25
KERN	1370	Bakersfield, Calif.	.1	KGEE	1200	Stirling, Colo.	.1
KEX	1180	Portland, Ore.	.5	KGER	1360	Long Beach, Calif.	1.
KFAB	770	Lincoln, Nebr.	10.	KGEZ	1310	Kalispell, Mont.	.1
KFAC	1300	Los Angeles, Calif.	1.	KGFF	1420	Shawnee, Okla.	.1
KFBB	1280	Great Falls, Montana	1.	KGFG	1370	Oklahoma City, Okla.	.1
KFBI	1050	Abilene, Kansas	5.	KGFI	1500	Corpus Christi, Texas	1.
KFBK	1490	Sacramento, Calif.	5.	KGFJ	1200	Los Angeles, Calif.	.1
KFDM	560	Beaumont, Texas	.5	KGFK	1500	Moorhead, Minn.	.1
KFDY	780	Brookings, South Dak.	1.	KGFL	1370	Roswell, N. Mex.	.1
KFEL	920	Denver, Colo.	1.	KGFV	1310	Kearney, Nebr.	.1
KFEO	680	St. Joseph, Mo.	2.5	KGFX	630	Pierre, S. Dak.	.2
KFGO	1370	Boone, Iowa	.1	KGGC	1420	San Francisco, Calif.	1.
KFGH	1300	Wichita, Kansas	1.	KGGF	1010	Coffeyville, Kansas	1.
KFI	640	Los Angeles, Calif.	50.	KGGM	1230	Albuquerque, N. Mex.	.25
KFIO	1120	Spokane, Wash.	.1	KGHF	1320	Pueblo, Colo.	.5
KFIZ	1420	Fond du Lac, Wis.	.1	KGHI	1200	Little Rock, Ark.	.1
KFJB	1200	Marshalltown, Iowa	.1	KGHL	780	Billings, Mont.	1.
KFJI	1210	Klamath Falls, Ore.	.1	KGIR	1340	Butte, Mont.	1.
KFJM	1370	Grand Forks, N. Dak.	.1	KGIW	1420	Alamosa, Colo.	.1
KFJR	1300	Portland, Ore.	.5	KGKB	1500	Tyler, Texas	.1
KFJZ	1370	Fort Worth, Texas	.1	KGKL	1370	San Angelo, Texas	.1
KFKA	880	Greeley, Colo.	.5	KGKO	1240	Wichita Falls, Texas	1.
KFKU	1220	Lawrence, Kansas	1.	KGKY	1500	Scottsbluff, Nebraska	.1
KFNF	890	Shenandoah, Iowa	.5	KGMB	750	Honolulu, Hawaii	2.5
KFOR	1210	Lincoln, Nebr.	.1	KGMC	1410	Amarillo, Texas	1.
KFOX	1250	Long Beach, Calif.	1.	KGNF	1430	North Platte, Nebr.	1.
KFPL	1310	Dublin, Texas	.1	KGNO	1340	Dodge City, Kansas	.25
KFPW	1210	Ft. Smith, Ark.	.1	KGO	790	San Francisco, Calif.	7.5
KFPY	890	Spokane, Wash.	1.	KGU	750	Honolulu, Hawaii	2.5
KFOD	780	Anchorage, Alaska	.25	KGVO	1260	Missoula, Mont.	1.
KFRC	610	San Francisco, Calif.	1.	KGW	620	Portland, Ore.	1.
KFRO	1370	Longview, Texas	.1	KGY	1210	Olympia, Wash.	.1
KFRU	630	Columbia, Mo.	.5	KHJ	900	Los Angeles, Calif.	1.
KFSD	600	San Diego, Calif.	1.	KHO	590	Spokane, Wash.	1.
KFSG	1120	Los Angeles, Calif.	1.	KHSL	950	Chico, Calif.	.25
KFUH	1210	Del Monte, Calif.	.1	KICA	1370	Clovis, N. Mex.	.1

Call	Kc.	Location	Kw.	Call	Kc.	Location	Kw.
KID	1320	Idaho Falls, Idaho	.25	KRGV	1260	Weslaco, Texas	.5
KIDO	1350	Boise, Idaho	1.	KRKO	1120	Los Angeles, Calif.	1.
KIDW	1420	Lamar, Colo.	.1	KRKO	1370	Everett, Wash.	.05
KIEM	1210	Eureka, Calif.	.1	KRLC	1420	Lewiston, Idaho	.1
KIEV	850	Glendale, Calif.	.25	KRLD	1040	Dallas, Texas	10.
KINY	1310	Juneau, Alaska	.1	KRMD	1310	Shreveport, La.	.1
KIT	1310	Yakima, Wash.	.1	KRNT	1320	Des Moines, Iowa	.5
KIUJ	1310	Sante Fe, New Mexico	.1	KROC	1310	Rochester, Minn.	.1
KIUL	1210	Garden City, Kans.	.1	KROW	930	Oakland, Calif.	1.
KIUN	1420	Pecos, Texas	.1	KRSC	1120	Seattle, Wash.	.1
KIUP	1370	Durango, Colo.	.1	KRAC	580	Manhattan, Kan.	.5
KJBS	1070	San Francisco, Calif.	.5	KRCJ	1330	Sioux City, Iowa	1.
KJR	970	Seattle, Wash.	.5	KRD	550	St. Louis, Mo.	1.
KLCN	1290	Blytheville, Ark.	.1	KBEI	900	Pocatello, Idaho	.25
KLO	1400	Ogden, Utah	.5	KBFO	560	San Francisco, Calif.	1.
KLPM	1240	Minot, N. Dakota	.25	KBL	1130	Salt Lake City, Utah	50.
KLRA	1390	Little Rock, Ark.	1.	KSLM	1370	Salem, Ore.	.1
KLS	1440	Oakland, Calif.	.25	KBO	1430	Des Moines, Iowa	.25
KLUF	1370	Galveston, Texas	.1	KBOO	1110	Sioux Falls, S. Dakota	2.5
KLX	880	Oakland, Calif.	1.	KBTP	1460	St. Paul, Minn.	10.
KLZ	563	Denver, Colo.	1.	KBUN	1200	Lowell, Ariz.	.1
KMA	930	Shenandoah, Iowa	.1	KTAR	620	Phoenix, Ariz.	.1
KMAC	1370	San Antonio, Texas	.1	KTAT	1240	Fort Worth, Texas	1.
KMBC	950	Kansas City, Mo.	.1	KTBS	1450	Shreveport, La.	1.
KMED	1310	Medford, Ore.	.1	KTFI	1240	West Twin Falls, Idaho	1.
KMJ	580	Fresno, Calif.	.1	KTHS	1060	Hot Springs, Ark.	10.
KMLB	1200	Monroe, La.	.1	KTRB	740	Modesto, Calif.	.25
KMMJ	740	Clay Center, Nebr.	.1	KTRH	1290	Houston, Texas	1.
KMO	1330	Tacoma, Wash.	.25	KTSA	550	San Antonio, Texas	1.
KMOC	1090	St. Louis, Mo.	50.	KTSM	1310	El Paso, Texas	.1
KMPC	710	Beverly Hills, Calif.	.5	KTUL	1400	Tulsa, Okla.	.5
KMTR	570	Hollywood, Calif.	1.	KTW	1220	Seattle, Wash.	1.
KNOW	1500	Austin, Texas	.1	KUJ	1370	Walla Walla, Wash.	.1
KNX	1050	Hollywood, Calif.	50.	KUMA	1420	Yuma, Ariz.	.1
KOA	830	Denver, Colo.	50.	KUOA	1260	Fayetteville, Ark.	1.
KOAC	550	Corvallis, Ore.	1.	KUSD	890	Vermillion, S. D.	.5
KOB	1180	Albuquerque, N. Mex.	10.	KVI	570	Tacoma, Wash.	1.
KOH	1380	Reno, Nev.	.5	KVL	1370	Seattle, Wash.	1.
KOIL	1260	Council Bluffs, Iowa	1.	KVOA	1260	Tucson, Ariz.	.5
KOIN	940	Portland, Ore.	1.	KVOD	920	Denver, Colo.	.5
KOL	1270	Seattle, Wash.	1.	KVOL	1310	Lafayette, La.	.1
KOMA	1480	Oklahoma City, Okla.	.5	KVOO	1140	Tulsa, Okla.	.25
KOMO	920	Seattle, Wash.	1.	KVOR	1270	Colorado Spgs., Colo.	1.
KONO	1370	San Antonio, Texas	.1	KVOS	1200	Bellingham, Wash.	.1
KOOS	1200	Marshfield, Ore.	.25	KVSO	1210	Ardmore, Okla.	.1
KORE	1420	Eugene, Ore.	.1	KWBG	1420	Hutchinson, Kans.	.1
KOTN	1500	Pine Bluff, Ark.	.1	KWEA	1210	Shreveport, La.	.1
KOY	1390	Phoenix, Ariz.	.5	KWG	1200	Stockton, Calif.	.1
KPAC	1260	Port Arthur, Texas	.5	KWJJ	1040	Portland, Ore.	.5
KPCB	710	Seattle, Wash.	.1	KWK	1350	St. Louis, Mo.	1.
KPJM	1500	Prescott, Ariz.	.1	KWKC	1370	Kansas City, Mo.	1.
KPLC	1500	Lake Charles, La.	.1	KWKH	850	Shreveport, La.	10.
KPO	680	San Francisco, Calif.	50.	KWLC	1270	Decorah, Iowa	.1
KPOF	880	Denver, Colo.	.5	KWSC	1220	Pullman, Wash.	1.
KPPC	1210	Pasadena, Calif.	.05	KWTN	1210	Watertown, S. Dak.	.1
KPO	1500	Wanatchee, Wash.	.1	KWTO	563	Springfield, Mo.	.5
KPRC	920	Houston, Texas	1.	KWYO	1370	Sheridan, Wyo.	.1
KOV	1380	Pittsburgh, Pa.	.5	KXA	760	Seattle, Wash.	.25
KOW	1010	San Jose, Calif.	10.	KXL	1420	Portland, Ore.	.1
KRE	1370	Berkeley, Calif.	.1	KXO	1500	El Centro, Calif.	.1
KREG	1500	Santa Ana, Calif.	.1	KXRO	1310	Aberdeen, Wash.	.1



Crumit & Sanderson  
C. B. S.



Muriel Wilson  
N. B. C.



Jessica Dragonette  
N. B. C.



Emery Deutsch  
C. B. S.

IMPROVE THE TONE OF  
YOUR RADIO WITH **TUNG-SOL TUBES**



Dr. Walter Demrosch  
N. B. C.



Ruth Etting  
N. B. C.



Jesse Block and  
Eve Sully  
C. B. S.



Phil Baker  
N. B. C.

Call	Kc.	Location	Kw.	Call	Kc.	Location	Kw.
KXYZ	1440	Houston, Texas	1.	WCBS	1420	Springfield, Ill.	1.
KYA	1230	San Francisco, Calif.	1.	WCCO	810	Minneapolis, Minn.	50.
KYW	1020	Philadelphia, Pa.	10.	WCFL	970	Chicago, Ill.	1.5
NAA	690	Arlington, Va.	1.	WCHS	580	Charleston, W. Va.	5.
WAAB	1410	Boston, Mass.	5.	WCKY	1490	Covington, Ky.	5.
WAAF	920	Chicago, Ill.	5.	WCLO	1200	Janesville, Wis.	1.
WAAT	940	Jersey City, N. J.	5.	WCLS	1310	Joliet, Ill.	1.
WAAW	660	Omaha, Nebr.	5.	WCMJ	1310	Ashland, N. Y.	1.
WABC	860	New York, N. Y.	50.	WCNW	1500	Brooklyn, N. Y.	1.
WABI	1200	Bangor, Maine	1.	WCOA	1340	Pensacola, Fla.	5.
WABY	1370	Albany, N. Y.	1.	WCOC	880	Meridian, Miss.	5.
WACO	1420	Waco, Texas	1.	WCOL	1210	Columbus, Ohio	1.
WADC	1320	Akron, Ohio	1.	WCRW	1210	Chicago, Ill.	1.
WAGF	1370	Dothan, Ala.	1.	WCSC	1360	Charleston, S. C.	5.
WAGM	1420	Presque Isle, Maine	1.	WCSH	940	Portland, Maine	1.
WAIM	1200	Anderson, S. C.	1.	WDAE	1220	Tampa, Fla.	1.
WAIU	640	Columbus, Ohio	5.	WDAF	610	Kansas City, Mo.	1.
WALA	1380	Mobile, Ala.	5.	WDAH	1310	El Paso, Texas	1.
WALR	1210	Zanesville, Ohio	1.	WDAS	1370	Philadelphia, Penna.	1.
WAML	1310	Laurel, Miss.	1.	WDAY	940	Fargo, N. Dakota	1.
WAPI	1140	Birmingham, Ala.	5.	WDBJ	930	Roanoke, Va.	1.
WARD	1400	Brooklyn, N. Y.	5.	WDBO	580	Orlando, Fla.	1.
WASH	1270	Grand Rapids, Mich.	5.	WDEL	1120	Wilmington, Del.	25.
WATR	1190	Waterbury, Conn.	1.	WDEV	550	Waterbury, Vt.	5.
WAVE	940	Louisville, Ky.	1.	WDGY	1180	Minneapolis, Minn.	1.
WAWZ	1350	Zarephath, N. J.	5.	WDNC	1500	Durham, N. C.	1.
WAZL	1420	Hazleton, Penna.	1.	WDOD	1280	Chattanooga, Tenn.	1.
WBAA	890	West Lafayette, Ind.	1.	WDRG	1330	Hartford, Conn.	1.
WBAL	1060	Baltimore, Md.	10.	WDSU	1250	New Orleans, La.	1.
WBAP	800	Fort Worth, Texas	50.	WDZ	1020	Tuscola, Ill.	25.
WBAX	1210	Wilkes-Barre, Penna.	1.	WEAF	660	New York, N. Y.	50.
WBBC	1400	Brooklyn, N. Y.	5.	WEAN	787	Providence, R. I.	5.
WBBL	1210	Richmond, Va.	1.	WEBC	1290	Superior, Wis.	1.
WBMM	770	Chicago, Ill.	50.	WEBO	1210	Harrisburg, Ill.	1.
WBRR	1300	Brooklyn, N. Y.	1.	WEBR	1310	Buffalo, N. Y.	1.
WBZZ	1200	Ponca City, Okla.	1.	WEDC	1210	Chicago, Ill.	1.
WBCM	1410	Bay City, Mich.	5.	WEED	1420	Rocky Mount, N. C.	1.
WBEN	900	Buffalo, N. Y.	1.	WEEL	590	Boston, Mass.	1.
WBEO	1310	Marquette, Mich.	1.	WEUU	830	Reading, Penna.	1.
WBIG	1440	Greensboro, N. C.	5.	WEHC	1420	Charlottesville, Va.	1.
WBNO	1200	New Orleans, La.	1.	WEHS	1420	Cicero, Ill.	1.
WBNS	1430	Columbus, Ohio	5.	WELL	1420	Battle Creek, Mich.	1.
WBXN	1350	New York, N. Y.	25.	WENR	870	Chicago, Ill.	50.
WBOO	...	(See WABC)		WESG	850	Elmira, N. Y.	1.
WBOW	1210	Terre Haute, Ind.	1.	WEVD	1300	New York, N. Y.	1.
WBRR	1310	Red Bank, N. J.	1.	WEW	760	St. Louis, Mo.	1.
WBRC	930	Birmingham, Ala.	1.	WEXL	1310	Royal Oak, Mich.	05.
WBRE	1310	Wilkes-Barre, Pa.	1.	WFAA	800	Dallas, Texas	50.
WBSE	920	Babson Park, Mass.	5.	WFAB	1300	New York, N. Y.	1.
WBT	1080	Charlottesville, N. C.	50.	WFAM	1200	South Bend, Ind.	1.
WBTM	1370	Danville, Va.	1.	WFAS	1210	White Plains, N. Y.	1.
WBZ	990	Boston, Mass.	50.	WFBC	1300	Greenville, S. C.	1.
WBZA	990	Springfield, Mass.	1.	WFBE	1200	Cincinnati, Ohio	1.
WCAC	600	Storrs, Conn.	5.	WFBG	1310	Altoona, Pa.	1.
WCAD	1220	Canton, N. Y.	5.	WFBL	1360	Syracuse, N. Y.	1.
WCAE	1220	Pittsburgh, Pa.	1.	WFBL	1230	Indianapolis, Ind.	1.
WCAL	1250	Northfield, Minn.	1.	WFBR	1270	Baltimore, Md.	5.
WCAM	1280	Camden, N. J.	5.	WDFD	1310	Flint, Mich.	1.
WCAO	600	Baltimore, Md.	5.	WFEE	1340	Manchester, N. H.	5.
WCAP	1280	Asbury Park, N. J.	5.	WFIL	560	Philadelphia, Pa.	1.
WCAT	1200	Rapid City, S. Dak.	1.	WFLA	620	Clearwater, Fla.	1.
WCAU	1170	Philadelphia, Pa.	50.	WFMD	900	Frederick, Md.	5.
WCAX	1200	Burlington, Vt.	1.	WGAL	1500	Lancaster, Pa.	1.
WCAZ	1070	Carthage, Ill.	1.	WGAR	1450	Cleveland, Ohio	5.
WCBA	1440	Allentown, Penna.	5.	WGBB	1210	Freeport, N. Y.	1.
WCBD	1080	Waukegan, Ill.	5.	WGBF	630	Evansville, Ind.	5.
WCBM	1370	Baltimore, Md.	1.	WGBI	880	Scranton, Pa.	5.



Call	Kc.	Location	Kw.	Call	Kc.	Location	Kw.
WGCM	1120	Mississippi City, Miss.	.5	WJAY	610	Cleveland, Ohio	.5
WGES	1360	Chicago, Ill.	.5	WJBC	1200	Bloomington, Ill.	.1
WGH	1310	Newport News, Va.	.1	WJBK	1500	Detroit, Mich.	.1
WGL	1370	Ft. Wayne, Ind.	.1	WJBL	1200	Decatur, Ill.	.1
WGN	720	Chicago, Ill.	50.	WJBO	1420	Baton Rouge, La.	.1
WGNV	1210	Chester, N. Y.	.1	WJBW	1200	New Orleans, La.	.1
WGPC	1420	Albany, Ga.	.1	WJBY	1210	Gadsden, Ala.	.1
WGR	550	Buffalo, N. Y.	.1	WJDX	1270	Jackson, Miss.	1.
WGST	890	Atlanta, Ga.	.5	WJEF	1210	Hagerstown, Md.	.1
WGY	790	Schenectady, N. Y.	50.	WJIM	1210	Lansing, Mich.	.1
WHA	940	Madison, Wis.	2.5	WJJD	1130	Chicago, Ill.	20.
WHAM	1150	Rochester, N. Y.	50.	WJMS	1420	Ironwood, Mich.	.1
WHAS	820	Louisville, Ky.	50.	WJR	750	Detroit, Mich.	50.
WHAT	1310	Philadelphia, Pa.	.1	WJSV	1460	Washington, D. C.	10.
WHAZ	1300	Troy, New York	.5	WJTL	1370	Atlanta, Ga.	.1
WHB	860	Kansas City, Mo.	1.	WJW	1210	Akron, Ohio	.1
WHBC	1200	Canton, Ohio	.1	WJZ	760	New York, N. Y.	50.
WHBF	1210	Rock Island, Ill.	.1	WKAO	1420	San Juan, Puerto Rico	1.
WHBI	1250	Newark, N. J.	1.	WKAR	1040	East Lansing, Mich.	1.
WHBL	1410	Sheboygan, Wis.	.5	WKBB	1500	East Dubuque, Ill.	.1
WHBO	1370	Memphis, Tenn.	.1	WKBH	1380	La Crosse, Wis.	1.
WHBU	1210	Anderson, Ind.	.1	WKBI	1420	Cicero, Ill.	.1
WHBY	1200	Green Bay, Wis.	.1	WKBN	570	Youngstown, Ohio	.5
WHDF	1370	Calumet, Mich.	.1	WKBO	1200	Harrisburg, Pa.	.1
WHDH	830	Boston, Mass.	.1	WKBV	1500	Richmond, Ind.	.1
WHDL	1420	Olean, N. Y.	.1	WKBW	1480	Buffalo, N. Y.	5.
WHDE	740	Portsmouth, N. H.	.25	WKBU	1500	Muskegon, Mich.	.1
WHEC	1430	Rochester, N. Y.	.5	WKBU	1500	Griffin, Ga.	.1
WHEF	1500	Kosciusko, Miss.	.1	WKJC	1200	Lancaster, Pa.	.1
WHFC	4420	Cicero, Ill.	.1	WKOK	1210	Sunbury, Pa.	.1
WHIO	1260	Dayton, Ohio	.1	WKRC	550	Cincinnati, Ohio	.1
WHIS	1410	Bluefield, W. Va.	.25	WKY	900	Oklahoma City, Okla.	1.
WHJB	600	Greensburgh, Pa.	.25	WKZO	590	Kalamazoo, Mich.	1.
WHK	1490	Cleveland, Ohio	1.	WLAC	1470	Nashville, Tenn.	5.
WHN	1010	New York, N. Y.	1.	WLAP	1420	Lexington, Ky.	.1
WHO	1000	Des Moines, Iowa	50.	WLB	1250	Minneapolis, Minn.	1.
WHOM	1450	Jersey City, N. J.	.25	WLBC	1310	Muncie, Ind.	.05
WHP	1430	Harrisburg, Pa.	1.	WLBK	1420	Kansas City, Kans.	.1
WIBA	1280	Madison, Wis.	1.	WLBL	900	Stevens Point, Wis.	2.5
WIBG	970	Glenside, Pa.	.1	WLBZ	620	Bangor, Maine	.5
WIBM	1370	Jackson, Mich.	.1	WLEU	1420	Erie, Pa.	.1
WIBU	1210	Poynette, Wis.	.1	WLLH	1370	Lowell, Mass.	.1
WIBW	580	Topeka, Kansas	1.	WLNH	1310	Laconia, N. H.	.1
WIBX	1200	Utica, N. Y.	.1	WLS	870	Chicago, Ill.	50.
WICC	600	Bridgeport, Conn.	.5	WLTH	1400	Brooklyn, N. Y.	.5
WIL	1200	St. Louis, Mo.	.1	WLVA	1200	Lynchburg, Va.	.1
WILL	890	Urbana, Ill.	1.	WLW	700	Cincinnati, Ohio	50.
WILM	1420	Wilmington, Del.	.1	WLWL	1100	New York, N. Y.	5.
WIND	560	Gary, Ind.	1.	WMAJ	630	Washington, D. C.	.25
WINS	1180	New York, N. Y.	1.	WMAQ	670	Chicago, Ill.	50.
WIOD	1300	Miami, Fla.	1.	WMAZ	1420	Springfield, Mass.	.1
WIP	610	Philadelphia, Pa.	.5	WMAZ	1180	Macon, Ga.	1.
WIRE	1400	Indianapolis, Ind.	.5	WMBC	1420	Detroit, Mich.	.1
WIS	1010	Columbia, S. C.	.5	WMBD	1440	Peoria, Ill.	.5
WISC	1310	Milwaukee, Wis.	.1	WMBG	1210	Richmond, Va.	.1
WISN	1120	Milwaukee, Wis.	.25	WMBH	1420	Joplin, Mo.	.1
WJAC	1310	Johnstown, Pa.	.1	WMBI	1080	Chicago, Ill.	5.
WJAG	1060	Norfolk, Nebr.	1.	WMBJ	1310	Auburn, N. Y.	.1
WJAR	890	Providence, R. I.	.5	WMBQ	1500	Brooklyn, N. Y.	.1
WJAS	1290	Pittsburgh, Pa.	1.	WMBR	1370	Jacksonville, Fla.	.1
WJAX	900	Jacksonville, Fla.	1.	WMC	780	Memphis, Tenn.	1.



Vaughn de Leath  
N. B. C.



Robert Simmons  
N. B. C.



Gladys Swarthout  
N. B. C.



Donald Novis  
C. B. S.

# TUNG-SOL TUBES ARE PRECISION-BUILT, LABORATORY-TESTED



Dick Powell  
C. B. S.



Patti Chapin  
C. B. S.



Rudy Vallee  
N. B. C.



Jack Benny  
N. B. C.

Call	Kc.	Location	Kw.	Call	Kc.	Location	Kw.
WMCA	570	New York, N. Y.	.5	WRDO	1370	Augusta, Maine	.1
WMEX	1500	Boston, Mass.	.1	WRDW	1500	Augusta, Ga.	.1
WMFD	1370	Wilmington, N. C.	.1	WREC	603	Memphis, Tenn.	1.
WMFF	1310	Plattsburgh, N. Y.	.1	WREN	1220	Lawrence, Kansas	1.
WMFG	1210	Hibbing, Minn.	.1	WRGA	1500	Rome, Ga.	.1
WMFH	1230	Boston, Mass.	1.	WRJN	1370	Racine, Wis.	.1
WMFI	900	New Haven, Conn.	.5	WROK	1410	Rockford, Ill.	.5
WMFJ	1420	Daytona Beach, Fla.	.1	WROL	1310	Knoxville, Tenn.	.1
WMFM	1210	Clarksdale, Miss.	.1	WRRR	1280	Dallas, Texas	.5
WMFO	1370	Decatur, Ala.	.1	WRUF	830	Gainesville, Fla.	.5
WMFR	1200	High Point, N. C.	.1	WRVA	1110	Richmond, Va.	.5
WMFN	890	Fairmont, W. Va.	.5	WSAI	1330	Cincinnati, Ohio	1.
WMPC	1200	Lapeer, Mich.	.1	WSAJ	1310	Grove City, Pa.	.1
WMT	600	Cedar Rapids, Iowa	1.	WSAN	1440	Allentown, Pa.	.5
WNAC	1230	Boston, Mass.	1.	WSAR	1450	Fall River, Mass.	.25
WNAD	1010	Norman, Okla.	1.	WSAZ	1190	Huntington, W. Va.	1.
WNAX	570	Yankton, S. Dak.	1.	WSB	740	Atlanta, Ga.	.50
WNBC	1380	New Britain, Conn.	.25	WSBC	1210	Chicago, Ill.	.5
WNBF	1510	Binghamton, N. Y.	.1	WSBT	1360	South Bend, Ind.	.5
WNBH	1310	New Bedford, Mass.	.1	WSFA	1410	Montgomery, Ala.	.5
WNBK	1430	Memphis, Tenn.	.5	WSGN	1310	Birmingham, Ala.	.1
WNBX	1260	Springfield, Vt.	1.	WSIX	1210	Springfield, Tenn.	.1
WNBZ	1290	Saranac Lake, N. Y.	.1	WSJS	1310	Winston-Salem, N. C.	.1
WNEL	1290	San Juan, Puerto Rico	.5	WSM	650	Nashville, Tenn.	.50
WNEW	1250	Newark, N. J.	1.	WSMB	1320	New Orleans, La.	1.
WNOX	560	Knoxville, Tenn.	1.	WSMK	1380	Dayton, Ohio	.2
WNRA	1420	Muscle Shoals, Ala.	.1	WSOC	1210	Charlotte, N. C.	1.
WNRI	1200	Newport, R. I.	.1	WSPA	920	Spartanburg, S. C.	1.
WNYC	810	New York, N. Y.	1.	WSPJ	1340	Toledo, Ohio	1.
WOAI	150	San Antonio, Tex.	.50	WSUN	880	Iowa City, Iowa	.5
WOC	1370	Davenport, Iowa	.1	WSVA	620	St. Petersburg, Fla.	1.
WOCL	1210	Jamestown, N. Y.	.05	WSVA	550	Harrisonburg, Va.	.5
WOI	640	Ames, Iowa	.5	WSVS	1370	Buffalo, N. Y.	.25
WOKO	1430	Albany, N. Y.	.5	WSYB	1500	Rutland, Vt.	.1
WOL	1310	Washington, D. C.	.1	WSYR	570	Syracuse, N. Y.	.25
WOMT	1210	Manitowoc, Wis.	.1	WTAD	900	Quincy, Ill.	.5
WOOD	1270	Grand Rapids, Mich.	.5	WTAG	580	Worcester, Mass.	.5
WOPI	1500	Bristol, Tenn.	.1	WTAL	1310	Tallahassee, Fla.	.1
WOR	710	Newark, N. J.	.50	WTAM	1070	Cleveland, Ohio	.50
WORC	1280	Worcester, Mass.	.5	WTAQ	1330	Eau Claire, Wis.	1.
WORK	1320	York, Pa.	1.	WTAR	780	Norfolk, Va.	.5
WOS	630	Jefferson City, Mo.	.5	WTAW	1120	College Station, Texas	.5
WOSU	570	Columbus, Ohio	.75	WTAX	1210	Springfield, Ill.	.1
WOV	1130	New York, N. Y.	1.	WTBO	800	Cumberland, Md.	.25
WOW	590	Omaha, Nebr.	1.	WTGN	1250	Minneapolis, Minn.	1.
WOWO	1160	Fl. Wayne, Ind.	10.	WTEL	1310	Philadelphia, Pa.	.1
WPAD	1420	Paducah, Ky.	.1	WTFI	1450	Athens, Ga.	.5
WPAR	1420	Parkersburg, W. Va.	.1	WTIC	1040	Hartford, Conn.	.50
WPAX	1210	Thomasville, Ga.	.25	WTJS	1300	Jackson, Tenn.	.1
WPAY	1370	Portsmouth, Ohio	.1	WTMJ	620	Milwaukee, Wis.	1.
WPEH	920	Philadelphia, Pa.	.25	WTMV	1500	East St. Louis, Ill.	.1
WPFH	1370	Hattiesburg, Miss.	.1	WTNJ	1280	Trenton, N. J.	.5
WPG	1100	Atlantic City, N. J.	.5	WTOC	1260	Savannah, Ga.	1.
WPHR	880	Petersburg, Va.	.25	WTRC	1310	Elkhart, Ind.	.05
WPRO	630	Providence, R. I.	.25	WVFW	1400	Brooklyn, N. Y.	.5
WPRP	1420	Ponce, P. R.	.1	WWAE	1200	Hammond, Ind.	.1
WPTF	680	Raleigh, N. C.	1.	WWC	1420	Spartanburg, S. C.	1.
WQAM	560	Miami, Fla.	1.	WWJ	920	Detroit, Mich.	1.
WQAN	880	Scranton, Pa.	.25	WWL	850	New Orleans, La.	10.
WQBC	1360	Vicksburg, Miss.	1.	WWNC	570	Asheville, N. C.	1.
WQDM	1370	St. Albans, Vt.	.1	WWRL	1500	Woodside, N. Y.	.1
WRAK	1370	Williamsport, Pa.	.1	WWSS	1500	Pittsburgh, Pa.	.1
WRAP	1310	Reading, Pa.	.1	WWVA	1160	Wheeling, W. Va.	5.
WRAX	920	Philadelphia, Pa.	.25	WKYZ	1240	Detroit, Mich.	1.
WREL	1200	Columbus, Ga.	.1				
WREX	1410	Roanoke, Va.	.25				
WRC	950	Washington, D. C.	.5				

★ A GOOD PROGRAM DESERVES GOOD TUBES ★

# UNITED STATES BROADCASTING STATIONS

BY FREQUENCY, WAVELENGTH AND CALL LETTERS

580 kc., 549.1 m.  
KFUO, KFVR, KOAC, KSD, WDEV,  
WGR, WKRC.

560 kc., 535.4 m.  
KFDM, KLZ, KTAB, KWTO, WIND,  
WFIL, WNOX, WQAM.

570 kc., 526.0 m.  
KGKO, KMTR, KVI, WKBN, WMCA,  
WNAX, WOSU, WSYR, WSYU, WWNC.

580 kc., 516.9 m.  
KMI, KSAC, WCHS, WDBO, WIBW,  
WTAG.

590 kc., 508.2 m.  
KHQ, WEEL, WKZO, WOW.

600 kc., 499.7 m.  
KFSD, WCAC, WCAO, WICC, WMT,  
WREC.

610 kc., 491.5 m.  
KFRC, WDAF, WIP, WIAY.

620 kc., 483.6 m.  
KGW, KTAR, WFLA, WSUN; WHIB,  
WLBZ, WTMJ.

630 kc., 475.9 m.  
KFRU, KGFX, WGBF, WMAL, WOS.

640 kc., 468.5 m.  
KFI, WAIU, WOI.

650 kc., 461.3 m.  
KPCB, WSM.

660 kc., 454.3 m.  
WAAW, WEAJ.

670 kc., 447.5 m.  
WMAQ.

680 kc., 440.9 m.  
KFEQ, KPO, WPTF.

690 kc., 434.5 m.  
(Reserved for Canadian Stations)

700 kc., 428.3 m.  
WLW.

710 kc., 422.3 m.  
KMPC, WOR.

720 kc., 416.4 m.  
WGN.

730 kc., 410.7 m.  
(Reserved for Canadian Stations)

740 kc., 405.2 m.  
KMMJ, KIRB, WHEB, WSB.

750 kc., 399.8 m.  
KGU, WJR.

760 kc., 394.5 m.  
KXA, WEW, WIZ.

770 kc., 389.4 m.  
KFAB, WBBM.

780 kc., 384.4 m.  
KELW, KFDY, KFQD, KTM, WEAN,  
WMC, WTAR.

790 kc., 379.5 m.  
KGO, WGY.

800 kc., 374.8 m.  
WBAP, WFAA, WTBO.

810 kc., 370.1 m.  
WCCO, WNYC.

820 kc., 365.6 m.  
WHAS.

830 kc., 361.2 m.  
KOA, WEEU, WHDH, WRUF.

840 kc., 356.9 m.  
(Reserved for Canadian Stations)

850 kc., 352.7 m.  
KIEV, KWKH, WWL.

860 kc., 348.6 m.  
WABC, WBOQ, WHB.

870 kc., 344.6 m.  
WENR, WLS.

880 kc., 340.7 m.  
KFKA, KIX, KPof, WCOC, WGBI,  
WQAN, WSUI.

890 kc., 336.9 m.  
KSRK, KFNF, KSEI, KUSD, WBAA,  
WGST, WILL, WJAR, WMMN.

900 kc., 333.1 m.  
KGBU, KHJ, WBEN, WIAX, WKY,  
WLBL.

910 kc., 329.5 m.  
(Reserved for Canadian Stations)

920 kc., 325.9 m.  
KFEL, KOMO, KPRC, KVOD, WAAF,  
WBSO, WWJ.

930 kc., 322.4 m.  
KGBZ, KMA, KROW, WBRC, WDBJ.

940 kc., 319.0 m.  
KOHV, WAAT, WAVE, WCSH, WDAY,  
WHA.

950 kc., 315.6 m.  
KFWB, KGHL, KMBC, WRC.

960 kc., 312.3 m.  
(Reserved for Canadian Stations)

970 kc., 309.1 m.  
KJR, WCFL, WIBG.

980 kc., 305.9 m.  
KDKA.

990 kc., 302.8 m.  
WBZ, WBZA, WJEM.

1000 kc., 299.8 m.  
KFVD, WHO, WOC, WORK.



Phil Harris  
N. B. C.



Lou Holtz  
N. B. C.



Arturo Toscanini  
C. B. S.



Walter O'Keefe  
C. B. S.



Lanny Ross  
N. B. C.

1010 kc., 296.9 m.  
KGGF, KQW, WHN, WIS, WNAD.  
1020 kc., 293.9 m.  
KYW, WRAX.  
1030 kc., 291.1 m.  
(Reserved for Canadian Stations)  
1040 kc., 288.3 m.  
KRLD, KTHS, WESG, WKAR.  
1080 kc., 285.3 m.  
KFBI, KNX.  
1080 kc., 282.8 m.  
KWJL, WBAL, WIAG, WTIC.  
1070 kc., 280.2 m.  
KJBS, WCAZ, WZD, WTAM.  
1080 kc., 277.6 m.  
WBT, WCBD, WMBI.



Benay Venuta  
C. B. S.

1090 kc., 275.1 m.  
KMOX.  
1100 kc., 272.6 m.  
KGDM, WLWL, WPG.  
1110 kc., 270.1 m.  
KSOO, WRVA.  
1120 kc., 267.7 m.  
KFIO, KFSG, KRKD, KRSC, WDEL,  
WISN, WTAW.  
1130 kc., 265.3 m.  
KSL, WIJD, WOV.  
1140 kc., 263.0 m.  
KVOO, WAPI.  
1180 kc., 260.7 m.  
WHAM.  
1160 kc., 258.5 m.  
WOWO, WWVA.  
1170 kc., 256.3 m.  
WCAU.



Jane Froman  
N. B. C.

1180 kc., 254.1 m.  
KEX, KOB, WDGY, WINS, WMAZ.  
1190 kc., 252.0 m.  
WATR, WOAI, WSAZ.  
1200 kc., 249.9 m.  
KADA, KBTM, KFJB, KFJD, KFXJ, KGDE,  
KGEK, KGFI, KGHI, KGVO, KMLB,  
KOOS, KSN, KVOS, KWG, WABI,  
WBBZ, WBHS, WBNO, WCAT, WCAZ,  
WCLO, WFAM, WFBE, WHBC, WHBY,  
WIBX, WIL, WJBC, WJBL, WJBW,  
WKBO, WKJC, WLVA, WMPC, WNBQ,  
WORC, WPHR, WRBL, WSIX, WWAE.  
1210 kc., 247.8 m.  
KASA, KDLR, KFII, KFOR, KFPW, KFVS,  
KFXM, KGY, KIEM, KPCC, KWEA, KWVF,  
KWTN, WALR, WBAX, WBBL, WBRB,  
WCBS, WCRW, WEBQ, WEDC, WFAS,  
WGBB, WGCM, WGNV, WHBF, WHBU,  
WIBU, WJBY, WJEL, WJIM, WJW, WKFI,  
WKOK, WMBG, WOCL, WOMT, WPRO,  
WQDX, WSBC, WSEN, WSOC, WTAX.



Andre Kostelanetz  
C. B. S.

1220 kc., 245.8 m.  
KFKU, KTW, KWSC, WCAD, WCAE,  
WDAE, WREN.  
1230 kc., 243.8 m.  
KGBX, KGGM, KYA, WFBM, WNAC.  
1240 kc., 241.8 m.  
KGCU, KLPM, KTAT, KTFI, WKAQ,  
WXYZ.  
1250 kc., 239.8 m.  
KFOX, WCAL, WDSU, WGCP, WHBI,  
WNEW, WTCN.  
1260 kc., 238.0 m.  
KOIL, KPAC, KRGV, KUOA, WLBW,  
WNBX, WTOG.  
1270 kc., 236.1 m.  
KGCA, KOL, KVOR, KWLC, WASH,  
WFBR, WJDX, WOOD.  
1280 kc., 234.2 m.  
KFBF, WCAM, WCAP, WDOD,  
WIBA, WRR, WTNI.  
1290 kc., 232.4 m.  
KDYL, KLCN, KTSB, WEEB, WIAS,  
WNBZ, WNEL.  
1300 kc., 230.8 m.  
KALE, KFAC, KFH, KFJR, WBBR, WEVD,  
WFAB, WFCB, WHAZ, WIOD, WMAF.  
1310 kc., 228.9 m.  
KCRJ, KFBK, KPFL, KFPM, KFXR, KFYO,  
KGBX, KGCG, KGEZ, KGFV, KIT, KMED,  
KRMD, KTSB, KKRO, WAML, WBEQ,  
WBOW, WBRE, WCLS, WDAH, WEBR,  
WEXL, WFBG, WDFD, WGH, WIAC,  
WLBC, WLNH, WOL, WRAW, WROL,  
WSAJ, WSGN, WSIS, WTEL, WJTS,  
WTRC.  
1320 kc., 227.1 m.  
KGHF, KGMB, KID, KSO, WADC, WSMB.  
1330 kc., 225.4 m.  
KGB, KMO, KSCJ, KTRH, WDRC,  
WSAI, WTAQ.  
1340 kc., 233.7 m.  
KFPY, KGDY, KGNO, WCOA, WFEA,  
WSPD.  
1350 kc., 222.1 m.  
KIDO, KWK, WAWZ, WBNX, WEHC.  
1360 kc., 220.4 m.  
KGER, KGIR, WCSC, WFBL, WGES,  
WQBC, WSBT.  
1370 kc., 218.8 m.  
KCRK, KERN, KFGQ, KFJM, KFJZ, KGAR,  
KGFV, KGFL, KGKL, KICA, KLUF,  
KMAC, KONO, KRE, KRKO, KSLM, KUI,  
KWKC, KWYO, WAGE, WBTM, WCBM,  
WDAS, WGL, WGLC, WBBB, WHBQ,  
WHDF, WIBM, WJTL, WLIH, WMBR,  
WPFV, WQDM, WRAC, WRDO, WRJN,  
WSVS.  
1380 kc., 217.3 m.  
KOH, KQV, WALA, WKBH, WSMK.

THE **TUNG-SOL** SERVICE MAN IS NO FURTHER  
AWAY THAN YOUR TELEPHONE

1390 kc., 215.7 m.  
KLRA, KOY, WHK.

1400 kc., 214.2 m.  
KLO, KTUL, WARD, WBBC, WKBF,  
WLTH, WVFW.

1410 kc., 212.6 m.  
KGRS, WAAB, WBCM, WDAG, WHBL,  
WHIS, WRBX, WROK, WSPA.

1420 kc., 211.1 m.  
KABC, KBPS, KCMC, KFIZ, KGFF,  
KGGC, KGIW, KGIX, KICK, KIDW,  
KORE, KUMA, KWCR, KXL, WACO,  
WAGM, WAMC, WAZL, WEED, WEHS,  
WELL, WGPC, WHDL, WHFC, WILM,  
WJBO, WJMS, WKBI, WLAP, WLF, WLEU,  
WMAA, WMBC, WMBH, WNRA,  
WPAD, WSPA.

1430 kc., 209.7 m.  
KECA, KGNF, WBNS, WHEC, WHP,  
WNBR, WOKO.

1440 kc., 208.2 m.  
KDFN, KLS, KXYZ, WBIG, WCBA,  
WMBD, WSAN, WTAD

1450 kc., 206.9 m.  
KTBS, WGAR, WHOM, WSAW, WTFI.

1460 kc., 205.4 m.  
KSTP, WJSV.

1470 kc., 204.0 m.  
KGA, WLAC.

1480 kc., 202.6 m.  
KOMA, WKBW.

1490 kc., 201.2 m.  
WKY.

1500 kc., 199.9 m.  
KDB, KGFI, KGFK, KGKB, KGKY, KNOW,  
KOTN, KPJM, KPQ, KREG, KXO, WCNW,  
WDNC, WGAL, WHEF, WJBK, WKBB,  
WKBV, WKBZ, WKEU, WMBO, WMEX,  
WNBW, WOPI, WPEN, WRDW, WRGA,  
WSYB, WWRL, WWSW.



Harriet Hilliard  
N. B. C.



Lowell Thomas  
N. B. C.



Bill & Ginger  
C. B. S.



George Burns and  
Gracie Allen  
C. B. S.

# TELEVISION STATIONS IN THE UNITED STATES

Television sets are not available for the general public, but the television broadcasting stations listed below send out experimental programs.

Call Letters	Power Watts	Company	Location
<b>2000-2100 Kc.</b>			
W2KDR	1000	Radio Pictures, Inc.	Long Island City, N. Y.
W8KAN	100	Sparks-Withington Co.	Jackson, Mich.
W9XX	50	University of Iowa	Iowa City, Iowa
W9XAK	125	Kansas St. Col. Agr. & Apl. Sc.	Manhattan, Kansas
W9XAO	500	Western Television Research Co.	Chicago, Ill.
W6XAH	1000	Pioneer Mercantile Co.	Bakersfield, Calif.
<b>2750-2850 Kc.</b>			
W3KAK	5000	National Broadcasting Co.	Portable Chicago, Ill.
W9XAP	2500	National Broadcasting Co.	Bellmore, N. Y.
W2XBS	5000	National Broadcasting Co.	Kansas City, Mo.
W9XAL	500	First National Television Corp.	W. Lafayette, Ind.
W9XG	1500	Purdue University	New York, N. Y.
W2KAB	500	Atlantic Broadcasting Corp.	
<b>42,000-56,000, 60,000-86,000 Kc.</b>			
W2XAX	50	Atlantic Broadcasting Corp.	New York, N. Y.
W6XAO	150	Don Lee Broadcasting System	Los Angeles, Calif.
W9XD	500	The Journal Company	Milwaukee, Wis.
W2XBT	750	National Broadcasting Co.	Portable
W2XF	5000	National Broadcasting Co.	New York, N. Y.
W3XF	1500	Philadelphia Storage Battery Co.	Philadelphia, Pa.
W3XAD	2000	RCA-Victor Co., Inc.	Camden, N. J.
W10XX	50	RCA-Victor Co., Inc. (Vic. of Camden)	Portable & Mobile
W2XDR	1000	Radio Pictures	Long Island City, N. Y.
W8XAN	100	Sparks-Withington Co.	Jackson, Mich.
W9XAT	500	Dr. Geo. W. Young	Portable
W2XD	500	R. D. Lemert	New York, N. Y.
W2XAG	100	R. D. Lemert	Portable
W1XG	500	General Television Corp.	Boston, Mass.
W9XAL	150	First National Television Corp.	Kansas City, Mo. (CP)

CP—Construction Permit

# AMERICAN BROADCAST STATION LIST—NORTH, CENTRAL AND SOUTH AMERICA (Exclusive of the United States)

## ALPHABETICALLY BY CALL LETTERS

### NORTH AMERICA CANADA

Call	Kc.	Location	Kw.
<b>CJRM</b>	540	Belleplaine, Sask.	1.0
<b>CFNB</b>	550	Fredericton, N. B.	0.5
<b>CKUA</b>	580	S. Edmonton, Alta.	0.5
<b>CHRC</b>	580	Quebec, Que.	0.1
<b>CKCL</b>	580	Toronto, Ont.	0.1
<b>CJOR</b>	600	Sea Island, B. C.	0.5
<b>CFCF</b>	600	Montreal, Que.	0.4
<b>CRCW</b>	600	Windsor, Ont.	1.0
<b>CKOV</b>	630	Kelowna, B. C.	0.1
<b>CJGX</b>	630	Yorkton, Sask.	0.5
<b>CFCY</b>	630	Charlottetown, P. E. I.	1.0
<b>CJCF</b>	690	Calgary, Alta.	0.1
<b>CFRB</b>	690	Toronto, Ont.	10.0
<b>CJCA</b>	730	Edmonton, Alta.	1.0
<b>CFPL</b>	730	London, Ont.	0.1
<b>CKAK</b>	730	Montreal, Que.	5.0
<b>CHWK</b>	780	Chilliwack, B. C.	0.1
<b>CKSO</b>	780	Sudbury, Ont.	1.0
<b>CFQC</b>	840	Saskatoon, Sask.	1.0
<b>CRCT</b>	840	Toronto, Ont.	5.0
<b>CFJC</b>	880	Kamloops, B. C.	0.1
<b>CRCO</b>	880	Ottawa, Ont.	0.1
<b>CJIC</b>	890	Sault Ste. Marie, Ont.	0.1
<b>CJAT</b>	910	Trail, B. C.	0.25
<b>CRCM</b>	910	Montreal, Que.	5.0
<b>CFAC</b>	930	Calgary, Alta.	0.1
<b>CKPR</b>	930	Ft. William, Ont.	0.1
<b>CFCH</b>	930	North Bay, Ont.	0.1
<b>CKPC</b>	930	Brantford, Ont.	0.1
<b>CFLC</b>	930	Prescott, Ont.	0.1
<b>CHNS</b>	930	Halifax, N. S.	1.0
<b>CRCS</b>	950	Chicoutimi, Que.	0.1
<b>CKY</b>	960	Winnipeg, Man.	15.0
<b>CKCD</b>	1010	Vancouver, B. C.	0.1
<b>CKWX</b>	1010	Vancouver, B. C.	0.1
<b>CHWC</b>	1010	Regina, Sask.	0.5
<b>CKCK</b>	1010	Regina, Sask.	0.5
<b>CHML</b>	1010	Hamilton, Ont.	0.05
<b>CKCO</b>	1010	Ottawa, Ont.	0.1
<b>CKIC</b>	1010	Wolfville, N. S.	0.05
<b>CFCN</b>	1030	Calgary, Alta.	10.0
<b>CKLW</b>	1030	Windsor, Ont.	5.0
<b>CFLO</b>	1050	Chatham, Ont.	0.1
<b>CRCK</b>	1050	Quebec, Que.	1.0
<b>CRCV</b>	1103	Vancouver, B. C.	1.0
<b>CKOC</b>	1120	Hamilton, Ont.	1.0
<b>CHLP</b>	1120	Montreal, Que.	1.0
<b>CHSJ</b>	1120	St. John, N. B.	0.1
<b>CKX</b>	1120	Brandon, Man.	0.1
<b>CHAB</b>	1200	Moose Jaw, Sask.	0.1
<b>CKTB</b>	1200	St. Catharines, Ont.	0.1
<b>CJCU</b>	1210	Aklavik, N. W. T.	0.05



Ben Bernie  
N. B. C.



Boake Carter  
C. B. S.



David Ross  
C. B. S.



Maj. Edward Bowes  
N. B. C.

Call	Kc.	Location	Kw.
<b>CKBI</b>	1210	Prince Albert, Sask.	0.1
<b>CKMC</b>	1210	Cobalt, Ont.	0.1
<b>CKCH</b>	1210	Hull, Que.	0.1
<b>CHNC</b>	1210	New Carlisle, Que.	0.1
<b>CJOC</b>	1230	Lethbridge, Alta.	0.1
<b>CJCB</b>	1240	Sydney, N. S.	1.0
<b>CFRN</b>	1260	Edmonton, Alta.	0.1
<b>CJKL</b>	1310	Kirkland Lake, Ont.	0.1
<b>CKCV</b>	1310	Quebec, Que.	0.05
<b>CJLS</b>	1310	Yarmouth, N. S.	0.1
<b>CHCK</b>	1310	Charlottetown, P. E. I.	0.05
<b>CKCW</b>	1370	Moncton, N. B.	0.1
<b>CJRC</b>	1390	Middlechurch, Man.	0.1
<b>CKFC</b>	1410	Vancouver, B. C.	0.05
<b>CKMO</b>	1410	Vancouver, B. C.	0.1
<b>CKGB</b>	1420	Timmins, Ont.	0.1
<b>CKNC</b>	1420	Toronto, Ont.	0.1
<b>CFCT</b>	1450	Victoria, B. C.	0.05
<b>CHGS</b>	1450	Summerside, P.E.I.	0.05
<b>CKCR</b>	1510	Waterloo, Ont.	0.1
<b>CFRC</b>	1510	Kingston, Ont.	0.1

### MEXICO

<b>KEAO</b>	560	Mexicali, B. C.	0.25
<b>KEPN</b>	590	Piedras Negras, Coah.	50.0
<b>KFX</b>	610	Mexico, D. F.	0.5
<b>KEZ</b>	630	Merida, Yuc.	0.5
<b>KEOX</b>	640	Saltillo, Coah.	0.25
<b>KEAL</b>	660	Mexico, D. F. (temp. suspended)	1.0
<b>KET</b>	690	Monterrey, N. L.	0.5
<b>KEN</b>	710	Mexico, D. F.	1.0
<b>KEAM</b>	730	Nuevo Laredo, Tams.	0.0075
<b>KELC</b>	740	Col. del Valle, D.F.	0.1
<b>KEBC</b>	760	Aguascalientes, B.C.	5.0
<b>KEYZ</b>	780	Mexico, D. F.	10.0
<b>KFC^</b>	810	Aguascalientes, Ags.	0.35
<b>KEP</b>	820	Mexico, D. F.	0.5
<b>KEMO</b>	860	Tijuana, B. C.	2.0
<b>KEXO</b>	890	Mexico, D. F.	50.0
<b>KENT</b>	910	Nuevo Laredo, Tams.	150.0
<b>KEFE</b>	920	Nuevo Laredo, Tams.	0.25
<b>KEAA</b>	920	Mexicali, B. C. (temp. suspended)	0.2
<b>KEFO</b>	940	Mexico, D. F.	5.0
<b>KFO</b>	940	Mexico, D. F.	5.0
<b>KEAW</b>	960	Reynosa, Tams.	10.0
<b>KEAE</b>	980	Tijuana, B. C. (temp. suspended)	0.25

Call	Kc.	Location	Kw.	Call	Kc.	Location	Kw.
<b>XEK</b>	990	Mexico, D. F.	0.1	<b>VOAC</b>	1300	St. Johns	0.04
<b>XES</b>	990	Tampico, Tams.	0.25	<b>VOX</b>	1300	St. Johns	0.1
<b>XEOK</b>	1000	Tijuana, B. C. (temp. suspended)	2.5	<b>CUBA</b>			
<b>XEJ</b>	1020	Ciudad Juarez, Chih.	1.0	<b>CMCO</b>	610	Havana	0.15
<b>XEB</b>	1030	Mexico, D. F.	10.0	<b>CMGC</b>	630	Matanzas	0.2
<b>XEA</b>	1060	Guadalajara, Jal.	0.125	<b>CMBY</b>	635	Havana	0.25
<b>XEAF</b>	1080	Nogales, Con.	.25	<b>CMAF</b>	680	Havana	0.25
<b>XEMA</b>	1080	Tampico, Tams.	0.05	<b>CMK</b>	725	Havana	1.5
<b>XEFG</b>	1100	Mexico, D. F.	0.25	<b>CMCW</b>	755	Havana	0.15
<b>KEWZ</b>	1150	Mexico, D. F.	0.1	<b>CMBS</b>	775	Havana	0.13
<b>XEH</b>	1150	Monterrey, N. L.	0.25	<b>CMJK</b>	790	Camaguey	0.15
<b>XEHA</b>	1160	Guadalajara, Jal.	0.5	<b>CMCF</b>	815	Havana	0.25
<b>XEU</b>	1160	Veracruz, Ver.	0.25	<b>CMO</b>	840	Havana	0.5
<b>XEE</b>	1210	Durango, Dgo.	0.05	<b>CMHW</b>	865	Cienfuegos	0.15
<b>KEFV</b>	1210	Ciudad Juarez, Chih.	0.1	<b>CMCX</b>	865	Havana	0.25
<b>XEMZ</b>	1210	Tijuana, B. C.	0.03	<b>CMKD</b>	882	Santiago	0.65
<b>XETH</b>	1210	Puebla, Pue.	0.1	<b>CMX</b>	910	Havana	0.2
<b>XETF</b>	1220	Veracruz, Ver.	0.012	<b>CMJF</b>	920	Camaguey	1.0
<b>XEFJ</b>	1230	Monterrey, N. L.	0.1	<b>CMW</b>	930	Havana	0.05
<b>XELA</b>	1240	Saltillo, Coah.	0.05	<b>CMKM</b>	940	Manzanillo	0.25
<b>XEKL</b>	1240	Leon, Gto.	0.5	<b>MHD</b>	950	Caibarien	0.25
<b>XEAI</b>	1240	Mexico, D. F.	0.2	<b>CMCD</b>	960	Havana	0.25
<b>XEG</b>	1270	Ensenada, B. C.	0.2	<b>CMJL</b>	960	Camaguey	0.1
<b>XFB</b>	1270	Jalapa, Ver.	0.25	<b>CMGF</b>	987	Matanzas	0.12
<b>XEMX</b>	1280	Mexico City, D. F.	0.012	<b>CMEZ</b>	1005	Havana	0.05
<b>XEC</b>	1310	Tijuana, B. C.	0.03	<b>CMJO</b>	1010	C. de Avila	0.15
<b>XEX</b>	1310	Monterrey, N. L.	0.125	<b>CMKC</b>	1034	Santiago	0.185
<b>XEAJ</b>	1310	Oaxaca, Oax.	0.015	<b>CMBC</b>	1035	Havana	0.15
<b>XECW</b>	1310	Mexico, D. F.	0.01	<b>CNHJ</b>	1037	Sta. Clara	0.15
<b>XEFC</b>	1310	Merida, Yuc.	0.1	<b>CMGH</b>	1040	Matanzas	0.052
<b>XEFW</b>	1310	Tampico, Tams.	0.25	<b>CMJG</b>	1050	Camaguey	0.03
<b>XETB</b>	1310	Torreón, Coah.	0.125	<b>CMCB</b>	1060	Havana	0.11
<b>XFA</b>	1310	Aguaascalientes, Agu.	0.005	<b>CMGI</b>	1094	Colón	0.25
<b>XFD</b>	1340	Jalapa, Ver.	0.35	<b>CMCY</b>	1100	Havana	0.052
<b>XEI</b>	1370	Morelia, Mich.	0.125	<b>CMHA</b>	1100	S. la Grande	0.22
<b>XEFZ</b>	1370	Mexico, D. F.	0.1	<b>CMHJ</b>	1125	Cienfuegos	0.055
<b>XZZZ</b>	1370	San Luis Potosi, S. L. P.	0.1	<b>CMBG</b>	1150	Havana	0.07
<b>XEAZ</b>	1420	Guanajuato, Gto.	0.007	<b>CMJH</b>	1150	C. de Avila	0.05
<b>XEFB</b>	1420	Monterrey, N. L.	0.1	<b>COA</b>	1175	Havana	0.05
<b>XEFI</b>	1440	Chihuahua, Chih.	0.25	<b>CMJE</b>	1175	Camaguey	0.5
<b>XEFA</b>	...	Tacuba, D. F.	0.5	<b>CMCJ</b>	1200	Havana	0.045
<b>XETW</b>	...	Mexico, D. F. (temp. suspended)	0.5	<b>CMJI</b>	1210	C. de Avila	0.25
				<b>CMHK</b>	1225	Cruces	0.15
				<b>CMCA</b>	1230	Havana	0.03
				<b>CMHB</b>	1245	S. Spiritus	0.15
				<b>CMCU</b>	1255	Havana	0.15
				<b>CMCO</b>	1280	Havana	0.15
				<b>COX</b>	1325	Havana	0.2
				<b>CMBD</b>	1350	Havana	0.03
				<b>CMJP</b>	1360	Moron	0.03
				<b>CMJF</b>	1363	Helguin	0.03
				<b>CMGE</b>	1375	Cardenas	0.15
				<b>CMJC</b>	1382	Camaguey	0.03
				<b>CMKR</b>	1400	Santiago	0.15
				<b>CMCR</b>	1400	Havana	0.15
				<b>CMBX</b>	1425	Havana	0.15
				<b>COK</b>	1450	Havana	0.184
				<b>CMCG</b>	1475	Havana	0.15
				<b>CMCN</b>	1500	Marianao	0.25



Joe Penner  
N. B. C.



Conrad Thibault  
N. B. C.



Ted Husing  
C. B. S.



Freddie Rich  
C. B. S.

**A RADIO IS NO BETTER THAN ITS TUBES. RETUBE WITH TUNG-SOL**



Eddie Cantor  
C. B. S.

### DOMINICAN REPUBLIC

Call	Kc.	Location	Kw.
HIX	580	Santo Domingo	1.0
HIT	1051	Santo Domingo	0.01
HIL	1111	Santo Domingo	0.02
HIJ	1190	Santo Domingo	0.01
HISE	1304	Santo Domingo	0.01
HIH	1391	San Pedro de Macoris	0.015

### HAITI

HHK	920	Port-au-Prince	1.0
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### CENTRAL AMERICA

#### COSTA RICA

TIEP	850	San Jose	0.5
TIRH	930	San Jose	0.05
TIGH	1000	San Jose	0.5
TIFA	1050	San Jose	0.075
TIRC	1100	San Jose	0.075

#### GUATEMALA

TGW	565	Guatemala City	10.0
TGX	1400	Guatemala City	0.1

#### HONDURAS

HRN	1270	Tegucigalpa	0.0075
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#### NICARAGUA

YNLF	850	Managua	0.5
YNGRG	937.5	Granada	0.25
YNIGG	1000	Managua	0.25
YNVA	1070	Managua	0.25
YNOP	1250	Managua	0.25

#### EL SALVADOR

RDN	680	San Salvador	0.5
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### SOUTH AMERICA

#### ARGENTINA

LS10	590	Buenos Aires	5.0
LV1	620	San Juan	1.5
LS3	630	Buenos Aires	4.5
LS4	670	Buenos Aires	6.0
LS1	710	Buenos Aires	5.0
LT4	760	Mendoza	0.2
LT1	780	Rosario	5.0
LR10	790	Buenos Aires	8.0
LU2	800	Bahia Blanca	0.5
LV7	820	Tucuman	0.5
LR5	830	Buenos Aires	16.0
LT8	840	Rosario	0.35
LV10	860	Mendoza	0.5
LR6	870	Buenos Aires	16.0
LV2	880	Cordoba	7.0
LR4	890	Buenos Aires	12.0
LV9	900	Salta	0.5
LR2	910	Buenos Aires	6.0
LR3	950	Buenos Aires	12.0
LR9	1030	Buenos Aires	5.0



Ray Perkins  
C. B. S.

Call	Kc.	Location	Kw.
LT9	1060	Santa Fe	0.2
LT3	1080	Rosario	3.5
LS5	1110	Buenos Aires	4.5
LV5	1120	San Juan	0.7
LR8	1150	Buenos Aires	5.0
LT5	1160	Resistencia	0.5
LS2	1190	Buenos Aires	25.0
LS8	1230	Buenos Aires	20.0
LV14	1240	La Rioja	0.2
LS9	1270	Buenos Aires	5.0
LU7	1280	Bahia Blanca	0.2
LT1	1300	Santa Fe	0.1
LS6	1350	Buenos Aires	3.5
LU6	1380	Mar del Plata	0.5
LR11	1390	La Plata	0.5
LS11	1430	La Plata	0.7

#### BOLIVIA

CP4	1040	La Paz	10.0
CPX	1300	La Paz	0.5

#### BRAZIL

PRF2	725	Rio Claro, S. Paolo	0.25
PRE6	740	Uberaba, Minaeas	1.5
		Geraes	1.5
PRA2	750	Rio de Janeiro	1.5
PR8	750	Pernambuco	3.0
PRD9	769	Sorocaba, S. Paolo	0.25
PRE7	788	Sao Paulo	1.0
PRB7	800	Rio de Janeiro	0.5
PR6	815	Sao Paulo	1.0
PR4	857	Bahia	0.5
PR3	857	Juiz de Fora, M. Geraes	0.25
PRA3	860	Rio de Janeiro	2.5
PRB2	882	Curityba, Parana	0.25
PRF3	895	Sao Paulo	5.0
PRC3	920	Pelotas, R. G. do Sul	0.25
PRF4	923	Rio de Janeiro	10.0
PRD2	932	Rio de Janeiro	1.0
PRE4	941	Sao Paulo	0.25
PRC6	980	Rio de Janeiro	1.0
PRB8	1000	Sao Paulo	0.05
PRB4	1000	Santos, S. Paolo	1.0
PRB9	1017	Sao Paulo	5.0
PRC8	1040	Rio de Janeiro	0.25
PRC7	1091	Bello Horizonte, M. Geraes	0.25
PRC2	1091	Porto Alegre, R. G. do Sul	3.0
PRA9	1100	Rio de Janeiro	1.0
PR8	1154	Ribeirao Preto, S. Paolo	0.05
PRB6	1170	Cruzeiro do Sul, S. Paolo	0.25
PRC9	1175	Campinas, S. Paolo	0.25
PRD3	1201	Taubate, S. Paolo	0.25
PRF6	1282	Rio de Janeiro	10.0
PR8	1295	S. Paolo	5.0
PRC4	1304	S. Paolo	0.05
PRE9	1315	Fortaleza, Ceara	0.5
PRE2	1330	Rio de Janeiro	0.5
PRD4	1364	Arraarraquara, S. Paolo	0.25
PRC5	1364	Belem, Para	0.1



Call	Kc.	Location	Kw.
PRF7	1380	Campoos, Rio de Janeiro	0.5
PRD6	1400	Rio de Janeiro	0.5
PRES	1410	Uberaba, M. Geraes	0.25
PRB6	1415	Franca, S. Paulo	0.05
PRD7	1430	Sorocaba, S. Paulo	0.25

### COLOMBIA

HJN	682	Bogota	0.5
HJ3ABH	1000	Bogota	0.05
HJ4ABJ	1000	Armenia	0.05
HJ3ABD	1111	Bogota	0.05
HJ1ABF	1200	Barranquilla	0.05
HJ3ABE	1250	Bogota	0.05
HJ4ABK	1250	Medellin	0.3
HJ1ABA	1300	Barranquilla	0.05
HJ3ABK	1320	Bogota	0.05

### CHILE

CE32	320	Los Andes	0.05
CE88	585	Santiago	1.0
CE62	625	Santiago	1.0
CE66	665	Santiago	1.0
CE70	705	Santiago	1.0
CE73	730	Vina del Mar	1.0
CE76	760	Valparaiso	1.0
CE78	785	Santiago	1.0
CE81	810	Valparaiso	1.0
CE82	825	Santiago	1.0
CE86	865	Santiago	1.0
CE87	870	Talcahuano	0.1
CE88	880	Valparaiso	1.0
CE90	905	Santiago	1.0
CE94	945	Santiago	5.0
CE98	985	Santiago	5.0
CE100	1005	Santiago	0.5
CE101	1010	Vina del Mar	1.0
CE102	1025	Santiago	0.1
CE103	1030	Valdivia	0.1
CE104	1040	Magallanes	0.1
CE105	1050	Valparaiso	1.0
CE106	1065	Santiago	1.0
CE108	1080	Concepcion	0.1
CE109	1090	Valparaiso	0.1
CE110	1105	Santiago	1.0
CE111	1110	Osorno	0.1
CE114	1145	Santiago	0.1
CE115	1150	Talca	0.1
CE117	1170	Valparaiso	0.25
CE118	1185	Santiago	1.0
CE119	1190	Magallanes	0.1
CE120	1200	Curico	0.1
CE122	1225	Santiago	0.25
CE124	1240	Santiago	0.1
CE125	1250	Valparaiso	0.1
CE126	1265	Santiago	1.0
CE128	1280	Temuco	0.5
CE131	1315	Santiago	0.1
CE133	1330	Osorno	0.1
CE134	1345	Santiago	0.15
CE138	1385	Santiago	1.0
CE139	1390	Rancagua	0.1
CE141	1410	Concepcion	0.1
CE142	1425	Santiago	0.1
CE143	1430	Magallanes	0.1
CE145	1450	Rancagua	0.1

### ECUADOR

Call	Kc.	Location	Kw.
HC2ET	1153	Guayaquil	0.3
HC2JB	1250	Guayaquil	0.03

### PARAGUAY

ZP15	700	Villarrica	.....
ZP1	770	Asuncion	0.5
ZP9	898	Asuncion	1.5
ZP7	1083	Asuncion	0.7
ZP4	1200	Asuncion	0.1
ZP5	1376	Asuncion	0.1

### PERU

OAX	750	Lima	1.5
OA4AR	1210	Lima	0.325
OA40	1277	Lima	0.1
OA6E	1350	Arequipa	0.03
OA4K	1360	Lima	0.15
OA6D	1400	Arequipa	0.05
OA6U	1443	Arequipa	0.15

### URUGUAY

CX2	570	Montevideo	.....
CX4	610	Montevideo	1.0
CX6	650	Montevideo	10.0
CX8	690	Montevideo	1.0
CW9	720	Under construction	0.12
CX10	730	Montevideo	1.0
CX12	770	Montevideo	1.0
CX14	810	Montevideo	5.0
CX16	850	Montevideo	2.5
CX18	890	Montevideo	0.05
CW19	920	Rocha	0.1
CX20	930	Montevideo	0.25
CX22	970	Montevideo	0.25
CW23	1000	Salto	0.25
CX24	1010	Montevideo	10.0
CW25	1040	Durazno	0.5
CX26	1050	Montevideo	2.0
CW27	1080	Salto	0.25
CX28	1090	Montevideo	2.0
CW29	1120	Mercedes	0.05
CX30	1130	Montevideo	0.5
CW31	1160	Salto	0.25
CX32	1170	Montevideo	0.5
CW33	1200	Florida	0.075
CX34	1210	Montevideo	0.5
CW35	1240	Paysandu	0.25
CX36	1250	Montevideo	0.25
CW37	1280	Colonia	0.25
CX38	1290	Montevideo	0.5
CW39	1320	Paysandu	0.1
CX40	1330	Montevideo	0.5
CW41	1360	San Jose	0.05
CX42	1370	Montevideo	1.0
CW43	1400	Carro Largo, Melo	0.02
CX44	1410	Montevideo	1.0
CW45	1440	Durazno	0.03
CX48	1450	Montevideo	0.1
CW47	1480	Canelones	0.1
CX48	1490	Montevideo	1.5

### VENEZUELA

YV1RC	960	Caracas	5.0
YV11BMO	1034	Maracaibo	.....
YV4RC	1100	Sabana Grande, D.F.	.....
YV17BMO	1153	Maracaibo	.....
YV3RC	1200	Caracas	3.0



Kate Smith  
C. B. S.



Frank Parker  
N. B. C.



Vera Van  
C. B. S.



Stoopnagle & Budd  
C. B. S.

# ... MY FAVORIT

.. MONDAY ..			.. TUESDAY ..		
.. FRIDAY ..			.. SATURDAY ..		

# E PROGRAM . . .

.. WEDNESDAY ..

.. THURSDAY ..

.. SUNDAY ..



# A Sunday's Jaunt Around the World

By Laurence M. Cockaday

The lure of distance and travel has caused many a short-wave listener to arise early on Sunday to literally tour the world via short-waves. Pulling on a bathrobe and pushing up a chair to our short-wave receiver at 6 a. m., E.S.T., we can easily pull in JVM at Nazaki, Japan, on 10740 kc., and hold him for an hour and a half. Or we can skip to the Australian station VK2ME and enjoy their musical reproductions on 9590 kc. as late as 8 to 9 a. m. Or we may twist dials to 17790 and pull in GSG, Daventry, England, to listen to their program in English. PCI, Huizen, Holland, 15220 kc., puts in a nice signal during these same hours with peppy music, and from 8 to 11 a. m. we can switch to Moscow, RV59, on 12000 kc., with their varied programs. But do not forget to try for VUY, Bombay, India, on 9565 kc., at 11. This will be an excellent catch.

At noon we may try our luck with I2RO, Rome, Italy, on 11810 kc., and hold them as late as 3 p. m. France may be picked up from 6 a. m. to 11 a. m. on 15245 kc., continuing on 11890 kc. from 11 to 5 p. m. Germany is heard well from noon to 4 p. m. on 11770 kc.

Evening's listening on Sunday begins with EAQ, Madrid, Spain, on 9860 kc., and continues with the German "Twins" DJA and DJN at Zeesen, on 9560 kc. respectively, and at 6 p. m. the South Americans begin coming on the air in droves, including, among the better ones, TIRCC on 6550, HJ1ABB on 6447 kc., YV3RC on 6150 kc., COCD on 6130 kc., HJ3ABH on 6012 kc., and COCO on 6010 kc., as well as YV2RC on 5800 kc. During the hours of 6 to 8 do not fail



Florence Austral  
Australia



Percy Grainger  
Australia



Nina  
Alexandriscaya  
Russia

to listen to the British Twins GSB and GSL, on 9510 kc. and 6110 kc., for an enjoyable two-hour program. At 10 p. m. South Americans begin to drop out and the outstanding reception will be from Zeesen on DJC, whose program runs as late as 10:45 p. m. If you wish to try for some hard-to-get stations on Sunday there are the following: HAS3, Budapest, on 15370 kc., from 8 to 10 a. m.; PLP, Bandoeng, Java, 1100 kc., from 5 to 10 a. m.; OPM, Leopoldville, Africa, on 10135 kc., from 3 to 4 p. m.; ZCK, Hong Kong, China, on 8750 kc., from 10 to 11 a. m.; VUC, Calcutta, India, on 6300 kc., from 11 a. m. to noon; ZGE, Kuala Lumpur, Federated Malay States, on 6132 kc., from 8 to 9 a. m.; VQ7LO, Nairobi, Africa, on 6060 kc., at noon.

This rather sketchy outline will afford the short-wave fan or novice a main-line program for DX'ing round the world along a route from which many interesting bypaths may be explored.

## 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 noon at Greenwich. (London.)

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

GMT. Means Greenwich Mean Time. CST. Means Central Standard Time.  
 EST. Means Eastern Standard Time. MST. Means Mountain Standard Time  
 PST. Means Pacific Standard Time.



Olga Velecka  
Augustova  
Holland



John Amadio  
Australia



Nettie Blase  
Holland

# WORLD SHORT-WAVE STATION LIST—ARRANGED BY COUNTRIES AND CITIES

## ABBREVIATIONS FOR CLASS COLUMN

A—Amateur B—Broadcast E—Experimental P—Phone T—Time Signals

### NORTH AMERICA

#### UNITED STATES

Call	Location	Meters	Kc.	Class	Call	Location	Meters	Kc.	Class
KEB	Bolinas, Calif.	40.68	7,370	P	VE9DN	Montreal, Que.	19.82	15,130	B
KEZ	Dixon, Calif.	28.83	10,400	P	VE9DN	Montreal, Que.	49.93	6,005	B
W6XAJ	Oakland, Calif.	17.33	17,300	E	<b>MEXICO</b>				
WNC	Hialeah, Florida	19.91	15,055	P	XAM	Merida, Yucatan	26.80	11,187	E
WND	Hialeah, Florida	73.13	4,100	P	XEBT	Mexico, D. F.	49.89	6,010	B
W4XB	Miami Beach, Fla.	49.64	6,040	B	XECR	Mexico, D. F.	40.63	7,380	B
W9KAA	Chicago, Ill.	49.31	6,080	B	XEAL	Mexico, D. F.	31.23	9,600	B
W9XF	Chicago, Ill.	49.15	6,100	B	XETE	Mexico, D. F.	48.91	6,130	B
NSS	Annapolis, Md.	24.90	12,045	T	XECW	Xantocam	50.14	5,980	B
W1XAL	Boston, Mass.	19.67	15,250	B	<b>PANAMA</b>				
W1XAL	Boston, Mass.	25.43	11,790	B	HP5B	Panama City	49.70	6,030	B
W1XK	Springfield, Mass.	31.33	9,570	B	<b>SOUTH AMERICA</b>				
W3KAL	Bound Brook, N. J.	16.86	17,780	B	<b>ARGENTINA</b>				
W3KAL	Bound Brook, N. J.	49.15	6,100	B	LQA	Buenos Aires	30.91	9,700	P
WMI	Deal, N. J.	15.10	19,850	P	LSF	Buenos Aires	19.14	15,670	P
WOO	Deal, N. J.	34.74	8,630	P	LSG	Buenos Aires	15.07	19,900	P
WCN	Lawrenceville, N. J.	59.05	5,077	P	LSI	Buenos Aires	30.50	9,830	P
WMA	Lawrenceville, N. J.	22.39	13,390	P	LSN	Buenos Aires	14.27	21,020	P
WMN	Lawrenceville, N. J.	20.55	14,590	P	LSN2	Buenos Aires	30.32	9,890	P
WOO	Ocean Gate, N. J.	17.51	17,110	P	LSX	Buenos Aires	14.49	20,680	P
W2XE	Wayne, N. J.	19.64	15,270	B	LSY	Buenos Aires	14.48	20,700	P
W2XE	Wayne, N. J.	25.35	11,830	B	LUSCZ	Buenos Aires	42.35	7,080	A,B
W2XE	Wayne, N. J.	48.99	6,120	B	LST	Olivos	32.93	9,104	P
WAJ	Rocky Point, N. Y.	22.24	13,480	E	<b>BOLIVIA</b>				
W2XAC	Schenectady, N. Y.	34.50	8,690	E	CP5	La Paz	49.31	6,080	B
W2KAD	Schenectady, N. Y.	19.56	15,330	B	CP6	La Paz	32.88	9,120	B
W2KAD	Schenectady, N. Y.	31.46	9,530	B	CP7	La Paz	19.60	15,300	P
W8XAL	Cincinnati, Ohio	49.48	6,060	B	<b>BRAZIL</b>				
W8XIL	Dayton, Ohio	17.33	17,300	E	PRAB	Pernambuco	49.64	6,040	B
W3XAU	Philadelphia, Pa.	31.26	9,590	B	PRAG	Porto Alegre	35.48	8,450	P,B
W3KAU	Philadelphia, Pa.	49.48	6,060	B	PPO	Rio de Janeiro	25.70	11,670	E
W8XK	Pittsburgh, Pa.	13.92	21,540	B	PRF5	Rio de Janeiro	31.56	9,501	B
W8XK	Pittsburgh, Pa.	19.72	15,210	B	PSA	Rio de Janeiro	18.54	16,162	B
W8XK	Pittsburgh, Pa.	25.26	11,870	B	PSK	Rio de Janeiro	36.63	8,185	P,B
W8XK	Pittsburgh, Pa.	48.83	6,140	B	<b>CHILE</b>				
NAA	Arlington, Virginia	24.90	12,045	T	CEC	Santiago	15.23	19,680	P
KNRA	Sch. Seth Parker	24.29	12,345	P	CEC	Santiago	28.10	10,670	P
<b>CANADA</b>					CE32	Los Andes	31.96	9,380	P
VE9CA	Calgary, Alta.	49.72	6,030	B	<b>COLOMBIA</b>				
VE9CS	Vancouver, B. C.	49.39	6,070	B	HJA3	Barranquilla	20.06	14,940	P
CJRO	Winnipeg, Man.	48.67	6,160	B	HJ1ABE	Barranquilla	46.48	6,450	B
CJRX	Winnipeg, Man.	25.59	11,720	B	HJ1ABG	Barranquilla	49.62	6,042	B
VE9CL	Winnipeg, Man.	48.75	6,150	B	HJB	Bogota	20.08	14,930	P
VE9AS	Fredericton, N. B.	46.67	6,425	B	HJ3ABD	Bogota	40.48	7,406	B
VE9BJ	St. John, N. B.	49.23	6,090	B	HJ3ABF	Bogota	47.78	6,275	B
VE9CF	Halifax, N. S.	49.15	6,100	B	HJ3ABH	Bogota	49.82	6,018	B
VE9CK	Wolfville, N. S.	49.85	6,015	B	HJ3ABI	Bogota	49.56	6,050	B
VE9GW	Bowmanville, Ont.	25.39	11,810	B					
VE9BY	London, Ont.	17.33	17,300	E					
VE9EH	Charlottetown, P.E.I.	49.31	6,090	B					
CFA	Drummondville, Q.	43.83	6,840	P					
VE9BA	Montreal, Que.	19.73	13,190	B					

Call	Location	Meters	Kc.	Class
HKE	Bogota	42.29	7,090	B
HJ3ABC	Cali	48.75	6,150	B
HJ3ABD	Cali	46.20	6,490	B
HJ1ABD	Cartagena	41.18	7,281	B
HJ1ABE	Cartagena	48.99	6,120	B
HJ2ABC	Cucuta	51.08	5,870	B
HJ4ABB	Manizales	42.00	7,138	B
HJ4ABL	Manizales	49.15	6,100	B
HJ4ABA	Medellin	25.61	11,712	B
HJ4ABE	Medellin	50.56	5,930	B
HJ4ABC	Pereira	48.13	6,230	B
HJ1ABJ	Santa Marta	50.47	5,940	B
HJ2ABA	Tunja	48.75	6,150	B

### ECUADOR

HC2AT	Guayaquil	35.69	8,400	B
HC2J5B	Guayaquil	38.94	7,700	B
HC2RL	Guayaquil	44.97	6,668	B
PRADO	Riobamba	45.32	6,616	B
HCJ6	Quito	36.98	8,108	B

### PERU

OAX4B	Lima	48.13	6,230	B
OAX4D	Lima	51.87	5,780	B
OA4C	Lima	38.34	7,820	B
OA4R	Lima	41.99	7,140	B

### VENEZUELA

YV2RC	Caracas	25.64	11,695	B
YV2RC	Caracas	49.05	6,112	B
YV3RC	Caracas	31.53	9,510	B
YV3RC	Caracas	48.75	6,150	B
YV4RC	Caracas	47.04	6,375	B
YV4RC	Caracas	50.10	5,984	B
YV9C	El Valle	46.85	6,400	B
YVQC	Maracay	44.94	6,672	P
YV2AM	Maracaibo	41.98	7,142	A
YV5RMO	Maracaibo	51.25	5,850	B
YV6RV	Valencia	45.98	6,520	B
YV10RSC	San Cristobal	52.40	5,740	B

### EUROPE

#### AUSTRIA

EATH	Vienna	37.01	8,100	P
OEJ	Vienna	39.28	7,632	P
OER	Vienna	29.89	10,033	P
OER2	Vienna	49.37	6,072	B
OER3	Vienna	25.41	11,801	B
OEV	Vienna	16.78	17,870	P
OEX	Vienna	23.19	12,931	P

#### AZORES

CT2AJ	San Miguel	74.92	4,002	A
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#### BELGIUM

ORG	Ruyselede	15.61	19,200	B,P
ORK	Ruyselede	29.03	10,330	B,P
ORP	Ruyselede	22.71	13,200	B,P

### CZECHOSLOVAKIA

Call	Location	Meters	Kc.	Class
OKI	Podebrady	14.27	21,020	P
OKI	Podebrady	58.27	5,145	B

### DENMARK

OXY	Skamlebeek	19.60	15,300	E
OXY	Skamlebeek	31.49	9,495	B
OXY	Skamlebeek	49.48	6,060	B

### FRANCE

FYB	Paris	28.32	10,578	T
FYA	Pontoise	19.67	15,243	B
FYA	Pontoise	25.22	11,891	B
FYA	Pontoise	25.57	11,725	B
FTA	Ste. Assise	25.12	11,950	P
FTF	Ste. Assise	38.59	7,770	P
FTI	Ste. Assise	30.47	9,840	P
FTK	Ste. Assise	18.88	15,880	P
FTN	Ste. Assise	24.46	12,260	P

### GERMANY

DOA	Doeberitz	41.47	7,230	P
DFA	Nauen	15.58	19,240	P
DJA	Zeesen	31.36	9,560	B
DJB	Zeesen	19.72	15,200	B
DJC	Zeesen	49.80	6,020	B
DJD	Zeesen	25.48	11,770	B
DJE	Zeesen	16.88	17,760	B
DJM	Zeesen	49.37	6,073	E
DJN	Zeesen	31.43	9,540	B
DJO	Zeesen	25.42	11,795	E
DJP	Zeesen	25.31	11,855	E
DJQ	Zeesen	19.62	15,280	B
DJR	Zeesen	19.55	15,340	E
DJC	Zeesen	23.10	12,980	P

### HUNGARY

HAS5	Szekesfehervar	17.50	17,122	B
HAS3	Szekesfehervar	19.51	15,370	B
HAT	Szekesfehervar	21.90	13,685	B
HAT4	Szekesfehervar	32.86	9,125	B
HAT2	Szekesfehervar	43.83	6,840	B
HAT	Szekesfehervar	55.52	5,400	B

### ICELAND

TFK	Reykjavik	33.13	9,050	B
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### ITALY

IAC	Coltano	16.89	17,750	P
IAF	Fiumicino	10.06	29,817	E
I2RO	Rome	25.39	11,810	B
I2RO	Rome	31.07	9,650	B
IBEJ	S.S. Conte Rosso	70.00	4,283	P
ICEJ	S.S. Rex	70.00	4,283	P
IDLI	S.S. Conti di Savoia	70.03	4,283	P
IBDK	S.S. Elettra	26.14	11,470	E

### MADEIRA

CT3AO	Funchal	26.82	11,180	B
CT3AO	Funchal	32.00	9,370	B

THRILLS ON THE AIR

**TUNG-SOL** GETS YOUR SHARE

## NETHERLANDS

## U. S. S. R.

Call	Location	Meters	Kc.	Class
PIIj	Dordrecht	42.34	7,082	A,B
PCJ	Eindhoven	19.70	15,220	E
PHI	Huizen	25.56	11,730	B
PCK	Kootwijk	16.29	18,400	P
PDV	Kootwijk	24.87	12,060	P
PGA	Kootwijk	38.29	7,830	P

Call	Location	Meters	Kc.	Class
RCAD	Minsk	46.70	6,420	P
RKI	Moscow	19.93	15,040	P
RW80	Moscow	36.70	8,170	B
RW98	Moscow	24.99	12,000	B
RW99	Moscow	49.97	6,000	B
RW72	Moscow	45.35	6,611	B

## NORWAY

LGN	Bergen	31.23	9,600	P
LKJ1	Jeloy	31.43	9,540	E

VATICAN STATE				
HVJ	Vatican City	19.83	15,123	B
HVJ	Vatican City	50.23	5,969	B

## PORTUGAL

CT1AA	Lisbon	31.23	9,600	B
CT1CT	Lisbon	24.82	12,082	B
CT1CT	Lisbon	79.95	3,750	B
CT1GO	Paredes	24.19	12,396	B
CT1GO	Paredes	48.38	6,198	B

YUGOSLAVIA				
—	Belgrade	29.98	10,000	B

## AFRICA

## ALGERIA

F8KR	Constantine	45.02	6,660	B
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## BELGIAN CONGO

OPL	Leopoldville	14.96	20,040	P
OPM	Leopoldville	29.57	10,140	P

## BRITISH EAST AFRICA

VQ7LO	Nairobi, Kenya	31.18	9,616	B
VQ7LO	Nairobi, Kenya	49.48	6,060	B

## CANARY ISLANDS

EA8AB	Tenerife	41.60	7,207	B
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## EGYPT

SUV	Cairo	29.84	10,555	P
SUV	Cairo	31.33	9,570	B
SUX	Cairo	38.06	7,867	P

## MADAGASCAR

—	Tananarive	49.97	6,000	B
FIQA	Tananarive	52.67	5,692	B

## ANGOLA

CR6AA	Lobita	41.70	7,177	B
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## MOROCCO

CNR	Rabat	23.37	12,830	B
CNR	Rabat	32.24	9,300	B
CNR	Rabat	37.32	8,035	B

## MOZAMBIQUE

CR7AA	Lourenco Marques	84.63	3,543	B
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## PORTUGUESE WEST AFRICA

CR6AA	Lobita, Angola	41.78	7,177	B
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## REUNION ISLAND

—	St. Denis	49.97	6,000	B
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## UNION OF SOUTH AFRICA

ZTJ	Johannesburg	40.96	7,320	B
ZTJ	Johannesburg	49.17	6,098	B
ZSS	Klipheuvell	15.87	18,890	P

## NETHERLANDS

Call	Location	Meters	Kc.	Class
PIIj	Dordrecht	42.34	7,082	A,B
PCJ	Eindhoven	19.70	15,220	E
PHI	Huizen	25.56	11,730	B
PCK	Kootwijk	16.29	18,400	P
PDV	Kootwijk	24.87	12,060	P
PGA	Kootwijk	38.29	7,830	P

## NORWAY

LGN	Bergen	31.23	9,600	P
LKJ1	Jeloy	31.43	9,540	E

## PORTUGAL

CT1AA	Lisbon	31.23	9,600	B
CT1CT	Lisbon	24.82	12,082	B
CT1CT	Lisbon	79.95	3,750	B
CT1GO	Paredes	24.19	12,396	B
CT1GO	Paredes	48.38	6,198	B

## POLAND

SRI	Poznan	31.33	9,570	B
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## ROUMANIA

YOI	Bucharest	21.52	13,940	B
YOI	Bucharest	49.97	6,000	B

## SPAIN

EAJ25	Barcelona	49.97	6,000	B
EHY	Madrid	29.77	10,070	E
EAQ	Madrid	30.41	9,860	B
EAR110	Madrid	42.98	6,976	B
EAR125	Madrid	42.71	7,020	B

## SWITZERLAND

HB9B	Basle	42.12	7,118	B
HB9B	Basle	79.53	3,770	B
HE90C	Berne	31.98	9,375	P
HBP	Geneva	38.49	7,790	B
HBL	Geneva	31.28	9,585	B
HBJ	Geneva	20.63	14,535	P
HBO	Prangins	24.93	12,030	P

## UNITED KINGDOM

GBJ	Bodmin	16.10	18,620	P
OSA	Daventry	49.56	6,050	B
QSB	Daventry	31.53	9,510	B
QSC	Daventry	31.30	9,580	B
QSD	Daventry	25.52	11,750	B
QSE	Daventry	25.28	11,860	B
QSF	Daventry	19.80	15,140	B
QSG	Daventry	16.83	17,790	B
QSH	Daventry	13.96	21,470	B
QSI	Daventry	19.65	15,260	B
QSJ	Daventry	13.93	21,530	B
QSL	Daventry	49.07	6,110	B
QAU	Rugby	16.10	18,620	P
QAW	Rugby	16.47	18,200	P
QBA	Rugby	14.71	20,380	P
QBC	Rugby	17.55	17,080	P
QBP	Rugby	27.84	10,770	P
QBO	Rugby	22.29	13,450	P
QBS	Rugby	24.48	12,250	P
QBU	Rugby	13.45	22,291	P
QBU	Rugby	24.40	12,290	P



Call	Location	Meters	Kc.	Class	Call	Location	Meters	Kc.	Class
<b>ASIA</b>					<b>CHINA</b>				
ZBW	Hong Kong	34.20	8,750		H11A	Santiago de los Caballeros	47.80	6,272	B
XGOX	Nanking	16.84	17,800	B	H11A	Santiago de los Caballeros	48.45	6,188	B
XGBA	Shanghai	13.91	21,550	B	<b>VIRGIN ISLANDS</b>				
XGBD	Shanghai	31.30	9,580	B	WTDW	St. Croix	69.81	4,295	E
XQAJ	Shanghai	52.97	5,660	B	WTDX	St. John	69.81	4,295	E
CQN	Macao (Portuguese)	49.37	6,073	B	WTDV	St. Thomas	69.81	4,295	E
<b>INDIA</b>					<b>NETHERLANDS EAST INDIES</b>				
VUB	Bombay	31.34	9,565	B	PNI	Makassar, Celebes	34.17	8,775	P,B
VUC	Calcutta	25.26	11,870	B	PKYDA2	Bandoeeng, Java	48.99	6,120	B
VUC	Calcutta	49.07	6,110	B	PLE	Bandoeeng, Java	15.92	18,830	P
VWY	Kirkee	17.11	17,510	P	PLP	Bandoeeng, Java	27.26	11,000	P,B
VWY	Kirkee	33.40	8,975	P	PLV	Bandoeeng, Java	31.84	9,415	P,B
<b>IRAQ</b>					PMA	Bandoeeng, Java	15.49	19,345	P,B
YID	Bagdad	67.07	4,470	B	PMC	Bandoeeng, Java	16.53	18,135	P,B
<b>JAPAN</b>					PMN	Bandoeeng, Java	29.22	10,260	P,B
JVH	Nazaki	20.54	14,600	P	PMY	Bandoeeng, Java	58.33	5,140	B
JVM	Nazaki	27.92	10,740	P,B	YDB	Soerabeja, Java	67.07	4,470	B
JVN	Nazaki	28.12	10,660	B	YDE2	Solo, Java	62.33	4,810	B
JVP	Tokio	39.92	7,510	P	YDL2	Solo, Java	62.33	4,810	B
JVT	Nazaki	44.42	6,750	P,B	YDA	Tandjongpriok, Java	98.62	3,040	B
JES	Osaki	19.20	15,620	P,B	YDA	Tandjongpriok, Java	49.64	6,040	B
JIC	Taihoku, Formosa	50.90	5,890	P	YBG	Medan, Sumatra	28.75	10,430	P,B
<b>FEDERATED MALAY STATES</b>					YDU2	Medan, Sumatra	65.18	4,600	B
ZGE	Kuala Lumpur	48.90	6,132	B	<b>SIAM</b>				
ZHI	Singapore	49.87	6,012	B	HSP	Bangkok	16.90	17,740	P
ZHJ	Penang, Straits Settlements	49.31	6,080	B	HSJ	Bangkok	37.57	7,980	P
<b>FRENCH INDO-CHINA</b>					HSP2	Bangkok	31.56	9,500	B
FZS2	Saigon	25.01	11,991	P	HSP2	Bangkok	31.10	9,640	B
FZS3	Saigon	16.34	18,345	P	<b>SIBERIA (U. S. S. R.)</b>				
FZR3	Saigon	18.49	16,214	P	RSZ	Irkutsk	34.19	8,770	P
<b>NETHERLANDS EAST INDIES</b>					RW15	Khabarovsk	70.17	4,273	B
PNI	Makassar, Celebes	34.17	8,775	P,B	RW15	Khabarovsk	34.98	8,570	B
PKYDA2	Batavia, Java	69.24	4,330	B	RAU	Tashkent	19.86	15,104	P
PKYDA2	Bandoeeng, Java	48.99	6,120	B	RIM	Tashkent	39.31	7,626	P
<b>WEST INDIES</b>					<b>OCEANIA</b>				
<b>BAHAMA ISLANDS</b>					<b>AUSTRALIA</b>				
ZFS	Nassau	66.45	4,512	P	VK3LR	Lyndhurst, Victoria	31.30	9,580	B
<b>BERMUDA</b>					VK3LR	Lyndhurst, Victoria	51.69	5,800	E
ZFA	Bermuda	59.67	5,025	P	VK3ME	Melbourne	31.53	9,510	B
ZFD	Hamilton	29.01	10,335	E	VK2ME	Sydney	31.26	9,590	B
ZFB	St. George	29.84	10,053	P	VLJ	Sydney	30.72	9,760	P
<b>CUBA</b>					VLK	Sydney	28.48	10,525	P
COC	Havana	49.89	6,010	B	VLZ	Sydney	37.67	7,960	P
COH	Havana	31.80	9,428	B	<b>NEW ZEALAND</b>				
CMHB	Sanctus Spiritus	29.39	10,200	B	ZL3ZC	Christchurch	49.97	6,000	B
CO9GC	Santiago	48.75	6,150	B	ZLT	Wellington	24.39	12,295	P
<b>DOMINICAN REPUBLIC</b>					ZLEXX	Wellington	62.86	4,770	P
HI3C	La Romana	43.45	6,900	B	ZLZX	Wellington	49.48	6,060	B
HIX	Santo Domingo	50.14	5,980	B	<b>FIJI ISLANDS</b>				
HIZ	Santo Domingo	47.48	6,315	B	VPE	Labasa, Vanua Levu	43.77	6,850	E
HI4D	Santo Domingo	46.25	6,482	B	VQL	Savu Savu, Vanua Levu	43.77	6,850	E
HIH	San Pedro de Macoris	44.00	6,814	B	VPD	Levu	38.00	7,890	P
					VP1A	Suva, Viti Levu	28.66	10,460	B
					VPF	Taveuni, Taveuni	43.77	6,850	E
					<b>HAWAIIAN ISLANDS</b>				
					KEO	Kahuku	40.68	7,370	P

# World Short-Wave Time Table

BEST BETS IN FOREIGN BROADCASTS—Compiled by Laurence M. Cockaday

## List of Symbols

**A**—Thursday, Sunday  
**B**—Sunday, Monday, Wednesday, Friday  
**C**—Monday, Wednesday, Friday  
**D**—Daily  
**E**—Tuesday, Thursday  
**G**—Tuesday, Thursday, Saturday  
**I**—Irregularly  
**K**—Monday, Friday  
**L**—Wednesday, Saturday  
**N**—Monday, Wednesday, Thursday  
**O**—Monday, Tuesday, Wednesday, Friday  
**P**—Except Tuesday, Wednesday  
**R**—Thursday, Friday, Saturday

**S**—Sunday  
**T**—Tuesday  
**Th**—Thursday  
**V**—Sunday, Wednesday  
**XTh**—Except Thursday  
**Z**—Tuesday, Friday  
**AB**—Tuesday, Wednesday, Friday, Saturday  
**AC**—Monday, Thursday, Saturday  
**AD**—Monday, Thursday, Friday  
**AE**—Tuesday, Friday, Sunday  
**AF**—Saturday, Sunday  
**AG**—Tuesday, Sunday

**AH**—Monday, Wednesday, Saturday  
**AL**—Except Monday, Sunday  
**AM**—Monday, Thursday  
**AN**—Tuesday, Saturday  
**M**—Monday  
**Sa**—Saturday  
**KA**—Except Saturday, Sunday  
**KM**—Except Monday  
**KR**—Except Thursday, Saturday  
**KS**—Except Sunday  
**KSa**—Except Saturday  
**XX**—Tuesday, Thursday, Friday  
**XY**—Except Tuesday, Sunday

FILL IN LOCAL TIME												EASTERN STANDARD TIME												GREENWICH MEAN TIME																																																																																																																																																			
8	9	10	11	M	1	2	3	4	5	6	7	8	9	10	11	N	1	2	3	4	5	6	7	8	9	10	11	N	1	2	3	4	5	6	7																																																																																																																																								
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# AMATEUR, AVIATION, POLICE, SHIP and EXPERIMENTAL BANDS

Regular short-wave broadcast stations will be found listed elsewhere in this book. But for those who wish to wander further afield, the following list covers a wide range.

Frequency in Kc.	Type of Service	Frequency in Kc.	Type of Service
550-1500	Broadcast	7000-7300	Amateurs, c.w. (code)
1500-1800	Experimental Broadcast-Aviation- Police	8220	Aviation
1600-1700	Television	8540-8580	Coast 'phone
1704-1708	Aviation	8650-8660	Experimental
1712	Police	9900-9600	Broadcast
1715-1875	Amateurs, c.w. (code)	11370-11400	Coast 'phone
1875-2000	Amateurs, 'phone	11700-11900	Short-wave Broadcast
2000-2300	Television	12330	Aviation
2316	Aviation	12855-12870	Experimental
2340-2410	Aviation, ship service, etc.	13185-13280	Ship 'phone
2410-2430	Police	14000-14150	Amateurs, c.w. (code)
2440-2470	Police	14150-14250	Amateurs, 'phone
2470-2490	Aviation	14250-14400	Amateurs, c.w. (code)
2504-2508	State Police	15100-15340	Short-wave Broadcast
2610-2680	Aviation	16440	Aviation
2750-2850	Television	17080-17120	Coast 'phone
2850-3100	Aviation and Government	17300-17320	Experimental
3128-3180	Ship 'phone	17600-17640	Ship 'phone
3155-3265	Government and Aviation	17750-17810	Short-wave Broadcast
3420-3440	Coast 'phone	21460-21540	Short-wave Broadcast
3445-3490	Government and Aviation	22675-22725	Coast 'phone
3490-3495	Experimental	23100	Experimental
3500-3900	Amateurs, c.w. (code)	25700	Experimental
3900-4000	Amateurs, 'phone	26000	Experimental
4110-4130	Aviation	27100	Experimental
4175-4200	Ship 'phone	28000-30000	Amateurs, c.w. (code)
4750-4775	Coast 'phone	34600	Experimental
4795-4800	Experimental	41000	Experimental
4915-4920	Aviation	43000-46000	Television
5375-5380	Aviation	48800-50300	Television
5565-5695	Aviation and Government	51000-53000	Experimental, Government
6010-6180	Short-wave Broadcast	51400	Experimental
6420-6430	Experimental	58000-60000	Amateurs, 'phone
6400-6480	Coast 'phone	60000-80000	Television
6490-6640	Aviation	80000-400000	Experimental
6650-6670	Ship 'phone	400000-401000	Amateurs, c.w. (code)
		401000-above	Experimental

## SHIPS CALL LETTERS AND FREQUENCY BANDS

Call	Ship	Call	Ship	FREQUENCY BANDS USED BY SHIPS
<b>FNSK</b>	Normandie	<b>FNSM</b>	Ile de France	<b>Kilacycles</b>
<b>ICEJ</b>	Iceberg Express	<b>DBBR</b>	S. S. Berlin	
<b>DDAS</b>	D. Bremen	<b>JIAA</b>	Kemikawa-Cho, Japan	
<b>DDAC</b>	D. Europa	<b>DDCB</b>	S. S. Columbus	3,125- 3,150
<b>GFVV</b>	G. Majestic	<b>DDCG</b>	S. S. Resolute	4,175- 4,200
<b>GLSQ</b>	G. Olympic	<b>DDCF</b>	Cap Polonia	6,650- 6,670
<b>GMJQ</b>	G. Belgenland	<b>DDDX</b>	Hamburg	13,185-13,360
<b>GDLd</b>	G. Homeric	<b>DDEA</b>	Cap Arcona	17,600-17,640
<b>VTSK</b>	V. Monarch of Bermuda	<b>DDED</b>	New York	
<b>GKFY</b>	G. Minnetonka	<b>DDFT</b>	Oceana	
<b>GMBJ</b>	G. Empress of Britain	<b>DDNY</b>	S. S. Albert Ballin	

Note: All ships broadcast in a general channel listed as above.

# SHORT-WAVE BROADCASTING STATION ADDRESSES

## EUROPE

**DAVENTRY**—Broadcasting House, London W C 1, England.  
**GERMANY**—German Short-Wave Stations, Haus des Rundfunks, Berlin-Charlottenburg 9, Germany.  
**FRANCE**—Radio-Coloniale, Boulevard Hausmann 98bis, Paris, France.  
**EAO**—P. O. Box 951, Madrid, Spain.  
**HBL, HBF**—G. Gallarati, Information Section, League of Nations, Geneva, Switzerland.  
**HVJ**—Castine Pio IV, Vatican City, Italy.  
**I2RO (2RO)**—E. I. A. R., 5 Via Montello, Rome, Italy.  
**CTIAA**—Av. Duque de Avila, 86 r/c, Lisbon, Portugal.  
**OKY**—Statsradiofonien, Heibergsgade 7, Copenhagen, Denmark.  
**PHI**—PHOHI Studios, Hilversum, Holland.  
**RV98**—Miss Inna Marr, Radio Centre, Solianka 12, Moscow, U. S. S. R.  
**IAC**—Mr. A. Nicastro, Coltano, Piza, Italy.  
**ENGLISH COMMERCIAL PHONES**—G. P. O. (Radio Section) 86 Wood Street, London E C 2, England.  
**FRENCH COMMERCIAL PHONES**—Rue de Montmartre 166, Paris, France.  
**ORK**—Radio Ruyssedele, West Flanders, Belgium.

## SOUTH AMERICAN, CUBAN, DOMINICAN REPUBLICS

**YV3RC**—Radiofusora Venezuela, Bajos Paseje Ramella, Caracas, Venezuela, S. A.  
**YV2RC**—Apartado 290, Caracas, Venezuela, S. A.  
**XAM**—Poder Ejecutivo Federal, Merida, Yucatan, Mexico.  
**PRADO**—Apartado 98, Riobamba, Ecuador, S. A.  
**HC2RL**—P. O. Box 759, Guayaquil, Ecuador, S. A.  
**HJ3ABD**—Calle 16, No. 5-40, Bogota, Colombia, S. A.  
**HCJB**—Casilla 691, Quito, Ecuador, S. A.  
**YV5RMO**—S. M. Vegas, Apartado 214, Maracaibo, Venezuela, S. A.  
**HJ2ABA**—“La Voz de Pais en Tunja,” Boyaca, Colombia, S. A.  
**HJ4ABE**—Radiodifusora de Medellin, Medellin, Colombia, S. A.  
**HJ1ABB**—Mr. E. J. Fellet, Director, P. O. Box 715, Barranquilla, Colombia, S. A.  
**LSX**—Transradio Internacional, San Martin 329, Buenos Aires, Argentina, S. A.  
**PR3** or **PSK**—Radio Club do Brasil, Rio de Janeiro, Brazil, S. A.  
**HIX**—Estacion Radiodifusora HIX, Santo Domingo, R. D.  
**XETE**—P. O. Box 1396, Mexico, D. F.  
**COC**—P. O. Box 98, Havana, Cuba.  
**CMB2 and CMA**—Cuban Transatlantic Radio Corporation, Havana, Cuba.

## NORTH AMERICA

**W2XAF, W2XAD**—General Electric Co., 1 River Road, Schenectady, New York.  
**W3XF**—North Wacker Drive, Chicago, Ill.  
**W8XAL**—Crosley Radio Corp., Cincinnati, Ohio.  
**W4XB**—Mr. Jesse Jay, Miami Beach, Florida.  
**W8XK**—William Penn Hotel, Pittsburgh, Pa.  
**W3XAL**—30 Rockefeller Plaza, New York City, N. Y.  
**W2XE**—485 Madison Avenue, New York City, N. Y.  
**CJRO** }  
**CJRX** }—Royal Alexandra Hotel, Winnipeg, Manitoba, Canada.  
**CRCX**—Toronto, Ontario, Canada.  
**VE9DR**—Canadian Marconi Company, P. O. Box 1690, Montreal, Canada.  
**VE9CS**—734 Davie Street, Vancouver, Canada.  
**VE9BJ**—St. Johns, New Brunswick, Canada.  
**VE9HX**—P. O. Box 998, Halifax, N. S., Canada.

## ASIA

**SIAM**—Post and Telegraph Department, Radio Section, Bangkok, Siam.  
**INDO CHINA**—Commercial Phones: Centre Radioelectrique de Saigon, Indo-China.  
**JTAA**—Kemikawa-Cho, Chiba-Ken, Japan.  
**CON**—Post Office, Macao, China.  
**PLE**—Post, Telegraaf and Telefoondienst, Bandoeng, Java.  
**VUC**—Indian State Broadcasting Service, Irwin House, Ballard Estate, Bombay, India.

## AFRICA

**RABAT or CNR**—Director de l'office des Postes, Rabat, Morocco.  
**VQ7LO**—P. O. Box 777, Nairobi, Kenya Colony, Africa.  
**OPM**—Radio Leopoldville, Congo Belge, Africa.

## OCEANIC

**VK2ME**—47 York Street, Sydney, Australia.  
**VK3ME**—Wireless House, 167-169 Queen Street, Box 1272L, Melbourne C 1, Australia.

## SHIPS

**GERMAN SHIPS**—Hamburg-American Line, 39 Broadway, New York City.  
**GERMAN SHIPS**—North German Lloyd, 57 Broadway, New York City.  
**ITALIAN SHIPS**—"S.S. Rex" and "Conti di Savoie," Pier 86 N. River, New York City.  
**ENGLISH SHIPS**—International Mercantile Marine, 1 Broadway, New York City.  
**UNITED STATES SHIPS**—Radiomarine Co., 75 Varick St., New York City.

# INTERNATIONAL CALL LETTERS

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







# Important Facts for Owners of Radio Sets . . .

The franchised Tung-Sol dealer who gives you this radio log was chosen for reliability and ability to serve you and your community.

He chose Tung-Sol because TUNG-SOL RADIO TUBES are manufactured to high precision standard with the finest of modern equipment.

Every tube is tested many times during the process of manufacture to insure mechanical perfection and, finally, for actual performance. They are built to surpass standard engineering requirements and to maintain a long-standing reputation for a product of high quality.

Radio tubes weaken with use—but so gradually that you may not realize the loss of original brilliance and fidelity of tone . . . or, one weak tube can reduce the rest to the level of its own low efficiency.

With TUNG-SOL RADIO TUBES you will get greater sensitivity, clarity and brilliance, more uniformly sustained volume and many extra hours of useful life.

The Tung-Sol franchised dealer is **more** than just a merchant. He is the local authority on radio whose advice and service will assure you uniformly good reception.

**TUNG-SOL LAMP WORKS, Inc.**  
RADIO TUBE DIVISION  
NEWARK, NEW JERSEY





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