

NOVEMBER-DECEMBER-JANUARY

ONE
DIME

DX
RADIO LOG
OF THE
WORLD

**The Only Book Published
Containing ALL the Stations
of the World both BROADCAST
BAND and SHORT WAVE**

DX RADIO LOG of the WORLD

Official World Log of the International DXers Alliance, Bloomington, Ill.

November 1, 1934

Vol. II

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No. 5

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STATEMENT OF THE OWNERSHIP, MANAGEMENT, CIRCULATION, ETC., REQUIRED BY THE ACT OF CONGRESS OF AUGUST 24, 1912.

Cleveland, Ohio, Oct. 1, 1934.

State of Ohio, County of Cuyahoga, ss.

Before me, a Notary Public in and for the State and county aforesaid, personally appeared Fred C. Butler, who, having been duly sworn according to law, deposes and says that he is the editor of the DX Radio Log of the World and that the following is, to the best of his knowledge and belief, a true statement of the ownership, management (and if a daily paper, the circulation), etc., of the aforesaid publication for the date shown in the above caption, required by the Act of August 24, 1912, embodied in section 411, Postal Laws and Regulations, printed on the reverse of this form, to wit:

1. That the names and addresses of the publisher, editor, managing editor, and business managers are: Publisher, The Radex Press, Inc., 705 Hanna Building, Cleveland, Ohio. Editor, Fred C. Butler, 705 Hanna Building, Cleveland, Ohio. Managing Editor, none. Business Managers, none.

2. That the owner is: (If owned by a corporation, its name and address must be stated and also immediately thereunder the names and addresses of stockholders owning or holding one per cent or more of total amount of stock. If not owned by a corporation, the names and addresses of the individual owners must be given. If owned by a firm, company, or other unincorporated concern, its name and address, as well as those of each individual member, must be given.) The Radex Press, Inc., 705 Hanna Building, Cleveland, Ohio. Fred C.

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5. That the average number of copies of each issue of this publication sold or distributed, through the mails or otherwise, to paid subscribers during the six months preceding the date shown above is (This information is required from daily publications only.)

Fred C. Butler, Editor.

Sworn to and subscribed before me this 26th day of September, 1934.

(Seal) Edith C. Phalen, Notary Public.
(My commission expires May 11, 1935.)

INDEX BY FREQUENCIES AND DIAL NUMBERS

Stations in North America are shown in black type. Power is shown in kilowatts, thus .025 is 25 watts. Odd frequencies are given in parenthesis.

Kilocycles in larger type; meters in parenthesis.

520 (576.6)

- LKH .7 Hamar, Nor. (519)
- OFH 13.2 Vilpuri, Fin. (527)
- 7. Innsbruck, Aust. (519)
- 5. Ljubljana, Yug. (527)

530 (565.7)

- IBZ 1 Bolzano, I. (536)
- 16. Witno, Pol. (536)

540 (555.2)

- CJRM 1. Moose Jaw, Sask.
- CMCW .15 Havana, Cuba
- HAL 120. Budapest, Hun. (546)

550 (545.1)

- CFNB .5 Frederickton, N. B.
- KFUD .5 St. Louis, Mo.
- KFYR 1. Bismark, N. D.
- KOAC 1. Corvallis, Ore.
- KSD .5 St. Louis, Mo.
- KTSA 1. San Antonio, Tex.
- RW34 10. Stalingrad, U.S.R. (554)
- TISO .25 San Jose, C. R.
- WDEV .5 Waterbury, Vt.
- WGR 1. Buffalo, N. Y.
- WKRC 1. Cincinnati, Ohio
- WSVA .5 Staunton, Va.
- 100. Beromunster, Sw. (556)

560 (535.4)

- IIPA 4. Palermo, I. (565)
- KFDM .5 Beaumont, Tex.
- KLZ 1. Denver, Colo.
- KTAB 1. San Francisco, Calif.
- KWTO 1. Springfield, Mo.
- RW41 1.2 Syktyvkar, U.S.R. (563)
- TGW 10. Guatemala City (565)
- WFI .5 Philadelphia, Pa.
- WIND 1. Gary, Ind.
- WLIT .5 Philadelphia, Pa.
- WNOX 1. Knoxville, Tenn.
- WQAM 1. Miami, Fla.
- XEAO .25 Mexicali, B. C.
- XIHB .008 Shanghai, Chn.
- 2CO 7.5 Corowa, Ausl.
- 60. Athlone, IFS (565)

570 (526)

- KGHO .25 Wichita Falls, Tex.
- KMTR .5 Hollywood, Calif.
- KVI 1. Tacoma, Wash.
- MTCY 1. Hsinking, Mnch.
- WKBN .5 Youngstown, Ohio
- WMCB .5 New York, N. Y.
- WNAX 1. Yanpton, S. D.
- WOSU .75 Columbus, Ohio
- WSYR .25 Syracuse, N. Y.
- WNNC 1. Asheville, N. C.
- XQHIA 1. Shanghai, Chn.
- 2YA 5. Wellington, N. Z.
- 100. Stuttgart, G. (574)
- 10. Magnitogorsk, U.S.R. (571)

580 (516.9)

- CE58 1. Santiago Chl. (585)

- CHRC .1 Quebec, Que.
- CKCL .1 Toronto, Ont.
- CKUA .5 Edmonton, Alta.
- KNJ .5 Fresno, Calif.
- KSAC .5 Manhattan, Kans.
- RW35 10. Astrakhan, U.S.R. (589)
- RW38 1.2 Alexandrovsk, U.S.R.
- WCH5 .5 Charleston, W. Va.
- WBDO .25 Orlando, Fla.
- WIBW 1. Topeka, Kans.
- WTAG .5 Worcester, Mass.
- YLZ 15. Riga, Lat. (583)
- 7ZL 1. Hobart, Ausl.
- 20. Lisbon, Por. (589)

590 (508.2)

- JOAK2 10. Tokyo, Jap.
- KHQ 1. Spokane, Wash.
- LS10 3.5 Buenos Aires, Arg.
- RW42 10. Gorkl, U. S. R. (598)
- WEEI 1. Boston, Mass.
- WKZO 1. Kalamazoo, Mich.
- WOW 1. Omaha, Neb.
- XEPN 50. Piedras Ngs. Coah
- 120. Vienna, Aust. (592)

600 (499.7)

- CFCF .5 Montreal, Que.
- CFCO .1 Chatham, Ont.
- CJCR .5 Vancouver, B. C.
- CNR 6.5 Rabat, Mor. (601)
- FQN .25 St. Pierre, Mig. (609)
- IFPI 20. Florence, I. (609)
- KFSD 1. San Diego, Calif.
- RW82 4. Frounce, U.S.R. (608)
- SB1 10. Sundsvall, Swe. (601)
- WCAC .5 Storrs, Conn.
- WCAO .5 Baltimore, Md.
- WICC .25 Bridgeport, Conn.
- WMT 1. Waterloo, Iowa
- WREC 1. Memphis, Tenn.
- XM11A .6 Shanghai, Chn.
- ZTC 10. Cape Town, S. Af.

610 (491.5)

- CMCF .25 Havana, Cuba
- CX4 1. Montevideo, Uru.
- JODK2 10. Keljo, Ko.
- KFCR 1. San Francisco, Calif.
- KZEG 1. Manila, P. I. (618.5)
- KZRM 50. Manila, P. I. (618.5)
- RW22 10. Oufa, U. S. R. (617)
- RW79 10. Murmansk, U. S. R.
- TIXA .0075 San Jose, C. R. (614)
- WDAF 1. Kansas City, Mo.
- WIP .5 Philadelphia, Pa.
- WJAY .5 Cleveland, Ohio
- XFX 1. Mexico City, D. F.
- 3AR 4.5 Melbourne, Ausl.

620 (483.6)

- CE62 .5 Santiago, Chl. (625)
- CTTAA 20. Lisbon, Por. (629)
- JOTK .5 Matsuye, Jap. (625)
- KGW 1. Portland, Ore.
- KTAR 1. Phoenix, Ariz.
- LV1 1.5 San Juan, Arg
- RW31 10. Ivanovo, U.S.R. (625)
- WFLA 1. Clearwater, Fla.
- WHJB .25 Greensburg, Pa.
- WLBZ .5 Bangor, Me.

- WSUN 1. St. Petersburg, Fla.
- WTMJ 1. Milwaukee, Wis.
- XOTN 5. Trenton, Chn. (625)
- XTQY .5 Tsang Tai, Chn. (625)
- 4ZP 5. Invercargill, N. Z.
- No. 1 15. Brussels, Bel.
- 1.2 Troidhjem, Nor. (629)
- 20. Cairo, Egypt
-25 Pittsburgh, Pa.

630 (475.9)

- CFCY .5 Charlottetown, P.E.I.
- CJGX .5 Yorkton, Sask.
- KMOV .1 Kelowna, B. C.
- CMBY .25 Havana, Cuba (635)
- JODG .3 Hamamatsu, Jap. (635)
- KFRU .5 Columbia, Mo.
- KGFX .2 Pierre, S. D.
- LS3 4.5 Buenos Aires, Arg.
- OKP 120. Prague, Cs. (638)
- RW28 .7 Vladivost'k, U.S.R. (635)
- RW84 1.2 Oud-Abrahomsk, U.S.R. (635)
- RW85 2. Igarika, U.S.R. (635)
- WGBF .5 Evansville, Ind.
- WMAL .25 Washington, D. C.
- WPRO .25 Providence, R. I.
- WOS .25 Jefferson City, Mo.
- 5CK 7.5 Crys, Brook, Ausl. (635)

640 (468.5)

- JOUK .3 Akita, J. (645)
- KFI 50. Los Angeles, Cal.
- RW17 10. Kazan, U. S. R. (644)
- RW29 10. Petrosavodsk, U. S. R. (648)
- RW48 1.2 Tomsk, U.S.R. (645)
- RW56 1.2 Penza, U. S. R.
- WAIU .5 Columbus, Ohio
- WOI 5. Ames, Iowa
- XEOX .25 Saltillo, Coah.
- YN 15. Lyons, F. (648)
- ZTJ 10. Johannesburg, S. Af. (645)

650 (461.3)

- CAB 1. Canton, Chn. (658)
- CX6 5. Montevideo, Uru.
- JOCC .3 Asahikawa, J. (655)
- JQAK .5 Dairen, Mnch. (662)
- RW46 10. Karaganda, U.S.R. (653)
- WSM 50. Nashville, Tenn.
- 1YA .5 Auckland, N. Z.
- 17. Cologne, G. (658)

660 (454.3)

- CE66 1. Santiago, Ch. (665)
- NR 50. Manchester, G.B. (668)
- RW36 10. Archangel, U.S.R. (662)
- WAAW .5 Orma, Neb.
- WEAF 50. New York, N. Y.
- XEAL 1. Mexico City, D. F.
- XGOA 75. Nanking, Chn.
- XUHO .02 Hoang-nu, Chn. (667)
- 2FC 3.5 Sydney, G. (665)

670 (447.5)

- CMB 1. Kw'geh'w., Chn. (677)
- JFAK 10. Taihoku, For.

LS4 6. Buenos Aires, Arg.
 MOHB 1. Harbin, Manch. (674)
 MTFY 1. Harbin, Manch. (674)
 RW32 2. Elista, U.S.R. (671)
 RW23 1.2 Grosnyl, U.S.R. (676)
 WMAQ 50. Chicago, Ill.
 YVGRV 5. Valencia, Venez. (675)
 25. Sottens, Swi. (677)

680 (440.9)

CMAF 1. Havana, Cuba
 HJN 1. Bogota, Col. (681)
 JOLK .5 Fukuoka, J.
 JOVK .5 Hakodate, J.
 KFEQ 2.5 St. Joseph, Mo.
 KPO 50. San Francisco, Cal.
 RDN .5 San Salvador, E. S.
 RW27 4. Makhatch, U.S.R. (689)
 RW46 1.2 Karaganda, U.S.R. (686.5)
 RW71 1.2 Petropavlovsk, U.S.R. (689)
 RW74 1.2 Tcheboksary, U.S.R. (689)
 VAS 2. Glace Bay, N. S. (685)
 VOWR .5 St. John's, Nf. (681)
 XGOK 1. Canton, Chn. (682)
 WPTF 1. Raleigh, N. C.
 2.5 Belgrade, Yug. (686)
 1.5 Salisbury, S.Af. (681.9)

690 (434.5)

CFRB 10. Toronto, Ont.
 CJCJ .1 Calgary, Alta.
 CX8 1. Montevideo, Uru.
 NAA 1. Arlington, Va.
 XET .5 Monterrey, N. L.
 XGOY 5. Yunnan, Chn. (698)
 6WF 3.5 Perth, Ausl.
 7. Paris, F. (695)

700 (428.3)

CE70 1. Santiago, Chl. (705)
 JOKE .5 Okayama, J.
 SBA 55. Stockholm, Swe. (704)
 VPB 1.75 Colombo, Cey. (705)
 WLW 500. Cincinnati, Ohio
 XMHC .5 Shanghai, Chn.

710 (422.3)

IIR0 50. Rome, I. (713)
 JOJK 3. Kanazawa, J.
 KNPC 5. Beverly Hills, Cal.
 KPCC .25 Seattle, Wash.
 TIFB .83 San Jose, C.R. (714)
 WOR 5. Newark, N. J.
 XEN 1. Mex. City, D. F.

720 (416.4)

CMK 3.15 Havana, Cuba (725)
 JFBK 1. Tainan, For.
 JORK .5 Koehl, J.
 KZEG 1. Manila, P. I.
 RW9 .36 Kiev, U.S.R. (722)
 RW28 10. Vilavivos, U.S.R. (725)
 RW73 10. Simeropol, U.S.R. (725)
 WGN 50. Chicago, Ill.
 XEFI .25 Chihuahua, Chlh.
 XLHC .015 Shanghai, Chn.
 XLHD .03 Shanghai, Chn.
 ZTD 1. Durban, S. Af. (723)
 3YA 2.5 Christchurch, N. Z.

730 (410.7)

CFPL .1 London, Ont.
 CJCA .5 Edmonton, Alta.
 CMAC 5. Montreal, Que.
 CX10 1. Montevideo, Uru.

EAJ2 3. Madrid, Sp. (731)
 EAJ6 1.5 Seville, Sp. (731)
 JOBK 1. Kokura, J. (735)
 RW65 1. Saransk, U.S.R. (734)
 5CL 2. Adelaide, Ausl.
 20. Tallin, Est. (731)

740 (405.2)

CE74 1. Santiago, Chl. (745)
 KMMJ 1. Clay Center, Neb.
 KTRB .25 Medets, Cal.
 OFD .5 Forl, Fin. (749)
 RW51 1.2 Natchik, U.S.R. (748.1)
 WHEB .25 Portsmouth, N. H.
 WSB 50. Atlanta, Ga.
 XHHB .05 Shanghai, Chn.
 100. Munich, G.
 5. Marseilles, F. (749)

750 (399.8)

JOBK1 10. Osaka, J.
 KGU 2.5 Honolulu, T. H.
 PRA2 1.5 Rio de Janeiro, Brs.
 PRA8 .5 Recife, Brs.
 RW64 10. Urdjonkide, U.S.R. (752)
 WJR 10. Detroit, Mich.
 XEAM .05 Nueve Laredo, Tams.
 XGOH .5 Shanghai, Chn.
 XGOK 1. Canton, Chn.
 2YB .1 New Plymouth, N. Z.
 12. Katowice, Pol. (758)

760 (394.5)

CE76 10. Valparaiso, Chl.
 CMX 1. Havana, Cuba (765)
 KXA .25 Seattle, Wash.
 MR .25 Davenport, G. B. (767)
 WBAL 10. Baltimore, Md.
 WEW 1. St. Louis, Mo.
 WJZ 50. New York, N. Y.
 XEBC 5. Agua Caliente, L. C.
 XLIHJ .05 Shanghai, Chn.
 4QG 2.5 Brisbane, Ausl.

770 (389.4)

CX12 1. Montevideo, Uru.
 JOHK 10. Sendai, J.
 KFAB 5. Lincoln, Neb.
 LKF .7 Frederikstad, N. (776)
 RW26 10. Stalino, U.S.R. (776)
 VUM 2. Madras, In.
 WBBM 25. Chicago, Ill.
 IZH .04 Hamilton, N. Z.
 2.5 Toulouse, F. (776)

780 (384.4)

CE78 1. Santiago, Chl. (785)
 CHWK .1 Chilliwack, B. C.
 JOFK .5 Shizuoka, J.
 KELW .5 Burbank, Cal.
 KFDY 1. Brookings, S. D.
 KFQD .25 Anchorage, Alas.
 KGHL 1. Billings, Mont.
 KTM .5 Los Angeles, Cal.
 LTI 5. Rosario, Arg.
 WEAN .5 Providence, R. I.
 WMC 1. Memphis, Tenn.
 WTR .5 Norfolk, Va.
 XEYZ 10. Mexico City
 XHHC .05 Shanghai, Chn.
 120. Leipsig, G. (785)

790 (379.5)

CMJK .15 Camaguey, Cuba
 EAJJ 5. Barcelona, Sp. (795)
 JOGK 10. Kumamoto, J.

KGO 7.5 San Francisco, Cal.
 LRI0 8. Buenos Aires, Arg.
 OAX 5. Lima, Peru
 WGY 50. Schenectady, N. Y.
 4YA .5 Dunedin, N. Z.
 16. Lwow, Pol. (795)

800 (374.8)

CE81 .1 Valparaiso, Chl. (805)
 LU2 .5 Bahia Blanca, Arg.
 PRB7 .5 Rio de Janeiro, Brs.
 TIGP .875 San Jose, C. R.
 SR 50. Fairkirk, G. B. (804)
 WBAF 50. Fort Worth, Tex.
 WFAA 50. Dallas, Tex.
 WTBO .25 Cumberland, Md.
 XLHL .03 Shanghai, Chn.
 ZTB .5 Bloemfontaine, S. Af. (806.6)

3LO 3.5 Melbourne, Ausl.
 20. Salonica, Gr. (804)

810 (370.2)

CX14 1. Montevideo, Uru.
 F8CG 1.2 Paris, F.
 IIMI 50. Milan, I. (814)
 JOCK1 10. Nagoya, J.
 PRA8 1. Sao Paulo, Brs. (815)
 VUC 2. Calcutta, In.
 WCCO 50. Minneapolis, Minn.
 WNYC .5 New York, N. Y.
 XFC .35 Aguascalientes, Ags.

820 (365.6)

CE82 1. Santiago, Chl. (825)
 LV7 .5 Tucuman, Arg.
 RW68 2. Tcheliabinsk, U.S.R. (824)
 RW78 4. Ijevsk, U.S.R. (825)
 WHAS 50. Louisville, Ky.
 XEP .5 Mexico City, D. F.
 XETW .5 Mexico City, D. F.
 XQHB .03 Shanghai, Chn.
 2ZH .065 Napier, N. Z.
 12. Bucharest, Ru. (823)

830 (361.2)

CMC .5 Havana, Cuba (835)
 JOIK 10. Sapporo, J.
 KOA 50. Denver, Colo.
 LR5 16. Buenos Aires, Arg.
 RW39 100. Moscow, U.S.R. (832)
 TIEA .0075 San Jose, C.R. (833)
 TIVL .03 San Jose, CR (835)
 WEEU 1. Reading, Pa.
 WHDH 1. Boston, Mass.
 WRUF 5. Gainesville, Fla.

840 (356.9)

CFQC 1. Saskatoon, Sask.
 CMQ .34 Havana, Cuba
 CRCT 5. Toronto, Ont.
 F31CD 12. Saigon, Indo.
 LK1 10. Finnmark, Nor. (845)
 LTB .35 Rosario, Arg.
 VOGY .4 St. John's Nfld.
 XEXX .5 Mexico City, D. F.
 XGTM .015 Sang-yi, Chn.
 ZBW 2. Hongkong, C. (845)
 2YC .2 Wellington, N. Z.
 100. Berlin, G. (841)

850 (352.7)

CX16 .2 Montevideo, Uru.
 EAJ3 1.5 Valencia, Sp.
 HSP1 2.5 Bangkok, SIm (857)
 JOFK 10. Hiroshima, J.

KIEV .25 Glendale, Cal.
 LKA .35 Aaleund, Nor.
 LKB 1 Bergen, Nor.
 LKP .7 Porsgrund, Nor.
 PRB3 .25 Juis de Fora, Brs. (857)
 RW52 10 Simferopol, U.S.R. (859)
 VQ7LO .6 Nairobi, Ken. (858)
 VUB 3 Bombay, In. (855)
 WWL 18. New Orleans, La.
 XETZ .5 Mexico City, D. F.
 XOST .5 Talnan, Chn. (855)
 2BL 3 Sydney, Ausl. (855)
 1. Sofia, Bul.
 15. Strasbourg, F. (859)

860 (348.6)

CE80 1 Santiago, Chl. (855)
 LV10 .5 Mendoza, Arg.
 PRA3 2.5 Rio de Janeiro, Brs.
 WABC 50. New York, N. Y.
 WHB .5 Kansas City, Mo.
 XEMO 2. Tijuana, L. C.
 XIHHD .05 Shanghai, Chn.
 16. Posnan, Pol. (868)

870 (344.6)

JOAK1 10. Tokyo, J.
 LR 50. London, G. B. (877)
 LR8 2.1 Buenos Aires, Arg.
 WENR 50. Chicago, Ill.
 WLS 50. Chicago, Ill.
 YNCRG .15 Granada, Nic.

880 (340.7)

CE88 .1 Valparaiso, Chl. (885)
 CFJC .1 Kamloops, B. C.
 CRGO 1. Ottawa, Ont.
 H87PJ .1 Bangkok, Siam (882)
 KFA 5. Greeley, Colo.
 KIX 1. Oakland, Cal.
 KPOF .5 Denver, Colo.
 KSEI .25 Pocatello, Ida.
 LV2 .5 Cordoba, Arg.
 PRB2 25 Curityba, Brs. (882)
 RW61 1. Iochar-Ola, U.S.R. (888)
 VUL 1. Lahore, In. (882)
 WCOC .5 Meridan, Miss.
 WGBI .5 Scranton, Pa.
 WPHR .5 Peterssburg, Va.
 WQAN .25 Scranton, Pa.
 WSUI .5 Iowa City, Iowa
 XIHVV 1. Shanghai, Chn.
 YV2RC 1. Caracas, Vens. (882)
 6PR .5 Perth, Ausl.
 IYX .15 Auckland, N. Z.
 7. Graz, Aust. (886)

890 (326.9)

CJIC .1 S. Ste. Marie, Ont.
 CX18 .75 Montevideo, Uru.
 KARK .25 Little Rock, Ark.
 KFNF .5 Shenandoah, Ia.
 KUSD .5 Vermillion, S. D.
 MTBY 2. Mukden, Chn.
 OFA 10. Helsinki, Fin. (895)
 WGST .25 Atlanta, Ga.
 WILL .25 Urbana, Ill.
 WJAR .5 Providence, R. I.
 WMMN .25 Fairmont, W. Va.
 XEW 50. Mexico City
 7HO .05 Hobart, Ausl.
 5. Limoges, F. (895)

900 (333.1)

CE90 1. Santiago, Chl. (905)
 JODK1 10. Keijo, Ko.
 KGA 5. Spokane, Wash.
 KGBU .5 Ketchikan, Alas.
 KHJ 1. Los Angeles, Cal.

LV9 .5 Salta, Arg.
 WBEN 1. Buffalo, N. Y.
 WJAX 1. Jacksonville, Fla.
 WKY 1. Oklahoma City, Okla.
 WLBL 2.5 Stevens Pt., Wis.
 XHHI .1 Shanghai, Chn.
 ZILY 2. Hoten, Mnch.
 Z2P .105 Walroa, N. Z.
 3MA .05 Mildura, Ausl.
 100. Hamburg, G. (904)

910 (329.6)

CJAT .25 Trail, B. C.
 CMBS .15 Havana, Cuba (915)
 CMHW .1 Cienfuegos, Cuba
 CRCM 5. Montreal, Que.
 LR2 8.5 Buenos Aires, Arg.
 RW30 10. Dnepropetrovsk, U.S.R. (913)
 TIGR .075 San Jose, C. R. (913)
 4RK 2. Rockhamton, Ausl.
 60. Toulouse, F. (913)

920 (325.9)

CE92 .1 Temuco, Chl.
 HHK 1. Port-au-Prince, Haiti
 JOQK .5 Niigata, J.
 KOMB 1. Seattle, Wash.
 KPRC 1. Houston, Tex.
 KVOD .5 Denver, Colo.
 OKB 32. Brno, Cs. (922)
 PRC3 .25 Pelotas, Brs.
 WAAF .5 Chicago, Ill.
 WB50 .5 Babson Pk., Mass.
 WPEN .25 Philadelphia, Pa.
 WRAX .25 Philadelphia, Pa.
 WSPA 1. Spartanburg, S. C.
 WWJ 1. Detroit, Mich.
 XEAA .2 Mexico, L. C.
 XEKL .5 Leon, Guan.
 XEOK 2.5 Tijuana, L. C.
 XHHX 1. Shanghai, Chn.

930 (322.4)

CFAC .1 Calgary, Alta.
 CFCH .1 North Bay, Ont.
 CFCL .1 Prescott, Ont.
 CHNS .5 Halifax, N. S.
 CKPK .1 Brantford, Ont.
 CKPR .05 Ft. William, Ont.
 CMW 1.4 Havana, Cuba
 CX20 2. Montevideo, Uru
 JOAG .5 Nagasaki, J.
 KGBZ 1. York, Neb.
 KMA 1. Shenandoah, Ia.
 KROW .5 Oakland, Cal.
 PRD2 1. Sao Paulo, Brs. (935)
 WBRG 1. Birmingham, Ala.
 WDBJ 1. Roanoke, Va.
 XNPP 1. Peiping, Chn. (937)
 3UZ .6 Melbourne, Ausl.
 No. 2 15. Brussels, Belg. (932)

940 (319)

CE94 1. Santiago, Chl. (945)
 CMKM .1 Manzanillo, Cuba
 JONK .5 Nagano, J.
 KOIN 1. Portland, Ore.
 VOAS .1 St. Johns, Nfld.
 WAAT .5 Jersey City, N. J.
 WAVE 1. Louisville, Ky.
 WCHS 1. Portland, Maine
 WDAY 1. Fargo, N. D.
 WHA 2.5 Madison, Wis.
 SBB 10. Goteborg, Swe. (941)
 XEFO 5. Mexico City (XFO)
 XHHE .1 Shanghai, Chn.
 ZGR .3 Greymouth, N. Z.
 12. Algiers Alg. (941)

950 (315.6)

CMCD .5 Havana, Cuba (955)
 CMHD .5 Calbarion, Cuba
 CRCS .1 Chicoutimi, Que.
 KFWS 1. Hollywood, Cal.
 KMBC 1. Kansas City, Mo.
 LR3 12. Buenos Aires, Arg.
 PP 100. Paris, F. (950)
 RW40 1.2 Gomei, U.S.R. (959)
 RW55 1. Engeds, U.S.R. (959)
 WRC .5 Washington, D. C.
 XEAW 10. Reykjavik, Tama.
 XOPP .1 Peiping, Chn. (952.3)
 ZTP .5 Pretoria, S. Af. (952)
 2GB 1. Sydney, Ausl.
 60. Breslau, G.

960 (312.3)

CKY 15. Winnipeg, Man.
 CMJL .05 Camaguey, Cuba
 JOOK 3. Kyoto, J.
 PRC6 1. Rio de Janeiro, Brs. (965)
 RW67 2. Oukhta, U.S.R. (968)
 RW69 10. Odessa, U.S.R. (968)
 XHHF .1 Shanghai, Chn.
 YVIRC 5. Caracas, Vens.
 ZZF 25. Palmerston, N. Z.
 5DN 3. Adelaide, Ausl.
 20. Grenoble, F. (968)

970 (309)

CMGF .1 Matanzas, Cuba (971.5)
 CX22 25. Montevideo, Uru.
 JOBG .5 Maebashi, J.
 KJR 5. Seattle, Wash.
 WCFL 1.5 Chicago, Ill.
 WBG .1 Glenside, Pa.
 WR 50. Cardiff, G. B. (977)
 XES .25 Tamscok, Tama.
 XGOD 1. Hangchow, C. (977.5)
 3BO .2 Bendigo, Ausl.

980 (303.9)

CE98 1. Santiago, Chl. (985)
 CNO .025 Casablanca, Mor. (983)
 IIGE 10. Genoa, I. (986)
 JOXK .5 Tokushima, J.
 KDKA 50. Pittsburgh, Pa.
 XEAE .2 Mexico, L. C.
 XEU 25. Veracruz, Ver.
 XMMD 5. Shanghai, Chn.
 ZTP .5 Pretoria, S. Af. (985)
 2ZP 25. Gisborne, N. Z.
 4AY .1 Ayr, Ausl.
 6BY .05 Bunbury, Ausl.
 2. Cracow, Pol. (986)

990 (302.8)

JOFG .5 Fukui, J.
 LRA 12. Buenos Aires, Arg.
 PFBI 20. Hilversum, Hol. (995)
 TITV .0075 San Jose, C. R. (999)
 WBZ 50. Boston, Mass.
 WBZA 1. Springfield, Mass.
 XEK .1 Mexico City, D. F.
 XGCK .03 Shanghai, Chn.

1000 (299.8)

CMBZ .1 Havana, Cuba (1005)
 HJ3ABH 1. Bogota, Col.
 KFVD 12.5 Los Angeles, Cal.
 OKR .03 Bratislava, Cs. (1004)
 PRA4 .05 Bahm, Brs.
 PRB4 1. Santos, Brs.
 PRB8 .05 Mogy das Cruzes, Brz.

WHO 50. Des Moines, Ia.
ZP3 .3 Asuncion, Par.
4GR .05 Toowoomba, Aust.

1010(296.9)

CHML .05 Hamilton, Ont.
CHWC .5 Regina, Sask.
CKCD .1 Vancouver, B. C.
CKCK .5 Regina, Sask.
CKCO .1 Ottawa, Ont.
CKIC .05 Wolfville, N. S.
CKWX .1 Vancouver, B. C.
CMJO .05 Ciego de Avila, Cuba
CX24 10. Montevideo, Uru.
KGGF 1. Coffeyville, Kans.
KQW 1. San Jose, Cal.
NN 50. Manchtr., G. B. (1013)
PRB9 .5 Sao Paulo, Brz. (1017)
RW98 5. Tchernigov, USR.
(1013)
TIGA .03 Cartago, C.R. (1014)
WHN 1. New York, N. Y.
WIS 1. Columbia, S. C.
WNAD .5 Norman, Okla.
3HA .3 Hamilton, Aust.

1020(293.9)

CE102 1. Santiago, Chl. (1025)
EAJ15 3. Barcelona, Sp. (1022)
EAJ19 7. Oviedo, Sp. (1022)
KYW 10. Chicago, Ill.
XEJ .25 Juarez, Chih.
XHHG 1. Shanghai, Ch.
2UE 1. Sydney, Austl. (1025)

1030(291.1)

CFCN 10. Calgary, Alta.
CKLW 5. Windsor, Ont.
CMHI .15 Santa Clara, Cuba
CMKC .15 Santiago, Cuba (1034)
CT1GL 5. Parede, Por. (1031)
LR9 5. Buenos Aires, Arg.
XEB 10. Mexico City, D. C.
..... 60. Konigsberg, G. (1031)

1040(288.3)

CE104 .1 Magallanes, Chl.
CMBC .15 Havana, Cuba
CP4 10. La Paz, Bol.
CMGH .015 Matanzas, Cuba
KRLD 10. Dallas, Tex.
KWJJ 5. Portland, Ore.
RW70 10. Leningrad, USR.
WKAR 1. East Lansing, Mich.
WTIC 50. Hartford, Conn.
XHHH 1. Shanghai, Chn.
5PI 2. Crystal Brook, Austl.
..... 2.5 Rennes, F.

1050(285.5)

CMJG .05 Camaguey, Cuba
CRCK 1. Quebec, Que.
CX26 2. Montevideo, Uru.
1BA 20. Bari, I. (1059)
KFBI 5. Abilene, Kans.
KNX 50. Hollywood, Cal.
RW33 10. Krasnodar, USR.
8N 50. Falkirk, G. B.
2CA .05 Canberra, Austl.
4ZB .07 Dunedin, N. Z.
4ZM 1. Dunedin, N. Z.
4ZO .025 Dunedin, N. Z.

1060(282.8)

CE106 .5 Santiago, Chl.
CMCB .15 Havana, Cuba (1048)
KTHS 10. Hot Springs, Ark.
RW57 4. Tiraspol, USR. (1068)
WBAL 10. Baltimore, Md.

WJAG 1. Norfolk, Neb.
XEA .125 Guadaluajara, Jal.
3YB .025 Melbourne, Austl.
4MB .05 Maryborough, Austl.

1070(280.2)

CE107 .1 Santiago, Chl. (1075)
KJBS .1 San Francisco, Cal.
WCAZ .1 Carthage, Ill.
WZJ .1 Tuscola, Ill.
WTAM 50. Cleveland, Ohio
2KY 1. Sydney, Austl.
..... 12. Bordeaux, F. (1077)

1080(277.6)

JOBK2 10. Osaka, J. (1085)
LT3 3.5 Rosario, Ar.
PRA9 1. Rio de Janeiro, Brz.
SCC 2. Falun, Swe. (1086)
WBT 50. Charlotte, N. C.
WCBD 5. Waukegan, Ill.
WMBI 5. Chicago, Ill.
XEA .25 Nogales, Son.
XEMA .05 Tampico, Tams.
X1HJ .08 Shanghai, Chn.
3SH .05 Swan Hill, Austl.
..... 7. Zagreb, Yu. (1086)

1090(275.1)

CE109 .1 Valparaiso, Chl.
CMJ1 .03 Colon, Cuba (1094)
EAJ7 7. Madrid, Sp. (1095)
KROX 50. St. Louis, Mo.
PRC7 .25 Bello Horizonte, Brz.
PRG2 .5 Porto Alegre, Brz.
RW75 10. Vinnitsa, USR. (1095)
WESG 1. Elmirra, N. Y.
XGOB 25. Lo-Yang, Chn.
1ZB .2 Auckland, N. Z.
6AM .5 Northam, Austl.

1100(272.6)

CE110 .1 Santiago, Chl. (1105)
CMHA .5 Sagua la Grande, Cu.
(1103)
COX .2 Havana, Cuba
CRCV 1. Vancouver, B. C.
IINA 1.5 Naples, I. (1104)
KQDM .25 Stockton, Cal.
KWKH 10. Shreveport, La.
TIRCA .5 San Jose, C. R.
WLWL 5. New York, N. Y.
WPG 5. Atlantic City, N. J.
XEFG .25 Mexico City, D. F.
XHHS .15 Shanghai, Chn.
7LA .3 Launceston, Austl.
..... 60. Madona, Lat. (1104)

1110(270.1)

CE111 .1 Osorno, Chl. (1115)
HJ3ABD .05 Bogota, Col. (1115)
K500 1. Sioux Falls, S. D.
LS5 4.5 Buenos Aires, Arg.
OKK 11.2 Moravska, Cz. (1113)
PRB5 .05 Sao Paulo, Brz.
WRVA 5. Richmond, Va.
2HD .5 Newcastle, Austl.

1120(267.7)

CHLP .1 Montreal, Que.
CHSJ .1 St. John, N.B.
CKOC .5 Hamilton, Ont.
CMHJ .04 Cienfuegos, Cuba (1125)
HAE 6.2 Nyiregyhaza, Hun.
(1122)
KFIO .1 Spokane, Wn.
KFSG .5 Los Angeles, Cal.
KRKD .5 Los Angeles, Cal.

KRSC .1 Seattle, Wn.
LV5 .7 San Juan, Arg.
WDEL .25 Wilmington, Del.
WISN .25 Milwaukee, Wis.
WTAW .5 College Station, Tex.
XENT 50. Nuevo Laredo, Tams.
XLHM .05 Shanghai, Chn.
XLHN .05 Shanghai, Chn.
2UW .75 Sydney, Aus. (1125)
..... 1. Belfast, IFS. (1122)
..... 25. Alexandria, Eg.

1130(265.3)

CX30 .5 Montevideo, Uru.
KSL 50. Salt Lake City, Utah
8BH 10. Horby, Swe. (1131)
WJJD 20. Chicago, Ill.
WOC 1. New York, N. Y.
XGOV .5 Nan-chang, Chn.
ZPI 1. Asuncion, Par. (1135)
6ML 3. Perth, Austl. (1135)

1140(263)

CE114 .1 Santiago, Chl. (1145)
CW30 . . . Tucumbaro, Uru.
IITO 7. Turin, I.
KVOO 25. Tulsa, Okla.
LN 50. London, G. B. (1149)
WAPI 5. Birmingham, Ala.
WN 50. Cardiff, G. B. (1149)
XGCU 1. Shanghai, Chn.
XGKA .015 Cha-hang, Chn.
4BC .7. Brisbane, Aus. (1145)
4YO .125 Dunedin, NZ.

1150(260.7)

CE115 .1 Talca, Chl. (1155)
CMJH .05 Ciego de Avila, Cuba
COK .25 Havana, Cuba
LR8 5. Buenos Aires, Arg.
PRA7 .05 Riberiao Preto, Brz.
(1153)
WHAM 50. Rochester, N. Y.
XEH .25 Monterrey, N. L.
XEWZ .1 Mexico City, D. F.
YV17BMO .5 Maracaibo, Venz.
(1153)
2WG .05 Wagga, Aus. (1155)
2ZM .017 Gisborne, N. Z.
..... 2.6 Kosice, Cz. (1158)

1160(258.5)

WOWO 10. Ft. Wayne, Ind.
WVVA 5. Wheeling, W. Va.
XED .5 Guadaluajara, Jal.
XHHU 1. Shanghai, Chn.
..... 15. Mte. Ceneri, Sw. (1167)

1170(256.3)

CE117 .25 Valparaiso, Chl.
CMJE .05 Camaguey, C. (1175)
COA .5 Havana, Cuba (1175)
CX32 .5 Montevideo, Uru.
JOCK2 10. Nagoya, J. (1175)
PRAV .02 Camplnas, Brz.
WCAU 50. Philadelphia, Pa.
2ZD .008 Masterton, NZ.
4TO 2. Townsville, Aus.
..... 10. Copghen., Den. (1176)

1180(254.1)

CW32 .25 Salto, Uru.
KEX 5. Portland, Ore.
KOB 10. Albuquerque, N. M.
LKO 60. Oslo, Nor. (1181)
RW20 20. Kharkov, USR. (1185)
WDGY 1. Minneapolis, Minn.
WINS 1. New York, N. Y.
WMAZ 1. Macon, Ga.

XEFA .5 Mexico City, O. F.
 XHHM .1 Shanghai, Chn.
 3DB .6 Melbourne, Ausl.

1190 (252)

HJ .015 S. Dom., D. R. (1195)
 L82 .5 Buenos Aires, Arg.
 VESEK .01 Montmg., Que. (1195)
 WATR .1 Waterbury, Conn.
 WOAI 50. San Antonio, Tex.
 WSAZ .1 Huntington, W. Va.
 4NK .1 Mackay, Ausl.
 17. Frankfurt, G. (1195)
 5. Freiburg, G. (1195)
 1.5 Kaiserslautern (1195)
 1.5 Trier, G. (1195)
 1.5 Cassel, G. (1195)

1200(249.9)

CE120 .1 Curico, Chl. (1205)
 CHAB .1 Moose Jaw, Sask.
 CKTB .1 St. Catharines, Ont.
 CMCJ .4 Havana, Cuba
 KADA .1 Ada, Okla.
 HJ3ABE .05 Bogota, Col.
 MBTM .1 Jonesboro, Ark.
 KFJB .1 Marshalltown, Ia.
 KFXD .1 Nampa, Ida.
 KFXJ .1 Grand Jct., Colo.
 KGDE .1 Fergus Falls, Minn.
 KGEK .1 Sterling, Colo.
 KGFJ .1 Los Angeles, Cal.
 KGHI .1 Little Rock, Ark.
 KGV0 .1 Missoula, Mont.
 KMLB .1 Monroe, La.
 KOOS .1 Marshfield, Ore.
 KSUN .1 Lowell, Ariz.
 KVOS .1 Bellingham, Wn.
 KWG .1 Stockton, Cal.
 LEM .1 Tromso, Nor. (1204)
 WABI .1 Bangor, Me.
 WBBZ .1 Ponca City, Okla.
 WBHS .1 Huntsville, Ala.
 WBNO .1 New Orleans, La.
 WCAT .1 Rapid City, S. D.
 WCAX .1 Burlington, Vt.
 WCLO .1 Jamesville, Wis.
 WFAM .1 South Bend, Ind.
 WFBE .1 Cincinnati, Ohio
 WHBC .1 Canton, Ohio
 WHBY .1 Green Bay, Wisc.
 WIBX .1 Utica, N. Y.
 WIL .1 St. Louis, Mo.
 WJBC .1 Bloomington, Ill.
 WJBL .1 Decatur, Ill.
 WJBW .1 New Orleans, La.
 WKBO .1 Harrisburg, Pa.
 WKJC .1 Lancaster, Pa.
 WLVA .1 Lynchburg, Va.
 WMPG .1 Lapeer, Mich.
 WNBO .1 Washington, Pa.
 WRBL .1 Columbus, Ga.
 WVAE .1 Hammond, Ind.
 XHHN .1 Shanghai, Chn.
 YV3RC .1 Caracas, Vns.
 3YL .5 Christchurch, N. Z.
 5KA .3 Adelaide, Ausl.
 10-AK .015 Stratford, Ont.
 10-BP .025 Wingham, Ont.
 10-BQ .015 Brantford, Ont.
 10-BU .05 Canora, Sask.
 No. 2 5. Prague, Cs. (1204)
 1. Ada, Okla.

1210(247.8)

CE121 .1 Vina del Mar, Chl.
 CHNC .1 New Carlisle, Que.
 CKBI .1 Prince Albert, Sask.
 CKCH .1 Hull, Que.
 CKMC .05 Cobalt, Ont.
 CMJI .15 Cgo. de Avia., Cu.

CX34 .5 Montevideo, Uru.
 KASA .1 Elk City, Okla.
 KDRL .1 Devils Lake, N. D.
 KFJL .1 Klamath Falls, Ore.
 KFOR .1 Lincoln, Neb.
 KFPW .1 Ft. Smith, Ark.
 KFVS .1 Cape Girardeau, Mo.
 KFXM .1 San Bernardino, Cal.
 KGY .1 Olympia, Wn.
 KIEM .1 Eureka, Cal.
 KPCC .05 Pasadena, Cal.
 KWEA .1 Shreveport, La.
 KWVF .1 Hilo, Hawaii
 KWTN .1 Watertown, S. D.
 WALR .1 Zanesville, Ohio
 WBAX .1 Wilkes-Barre, Pa.
 WBBL .1 Richmond, Va.
 WBRB .1 Red Bank, N. J.
 WCBS .1 Springfield, Ill.
 WCOL .1 Columbus, Ohio
 WCRW .1 Chicago, Ill.
 WBEQ .1 Harrisburg, Ill.
 WEDC .1 Chicago, Ill.
 WFAS .1 White Plains, N. Y.
 WGBB .1 Freeport, N. Y.
 WGCM .1 Gulfport, Miss.
 WGNV .1 Chester, N. Y.
 WHBF .1 Rock Island, Ill.
 WHBU .1 Anderson, Ind.
 WIBU .1 Poynette, Wis.
 WJBY .1 Gadsden, Ala.
 WJJE .1 Hagerstown, Md.
 WJIM .1 Lansing, Mich.
 WJW .1 Akron, Ohio
 WKFI .1 Greenwood, Miss.
 WKOK .1 Sunbury, Pa.
 WMBG .1 Richmond, Va.
 WOCL .05 Jamestown, N. Y.
 WOMT .1 Manitowoc, Wis.
 WQDX .1 Thomasville, Ga.
 WWSB .1 Chicago, Ill.
 WSIX .1 Springfield, Tenn.
 WSOC .1 Charlotte, N. C.
 WTAX .1 Springfield, Ill.
 XEC .05 Teluca, D. F.
 XEE .05 Durango, Dgo.
 XEFJ .1 Monterrey, N. L.
 XEFV .1 Juarez, Chih.
 XEMZ .03 Tijuana, BC
 XETH .1 Pueblo, Puc.
 XLTC .015 Wush, Chn.
 2CH 1. Sydney, Ausl.
 5. Lille, F. (1213)

1220(245.8)

CE122 .25 Santiago, Chl. (1225)
 CMHK .05 Cruces, Cuba (1225)
 CTRP ... Oporto, Por.
 CW34 .25 Salto, Uru.
 ITR 10. Trieste, I. (1222)
 KFKU .1 Lawrence, Kan.
 KTW .1 Seattle, Wn.
 KWSC .1 Pullman, Wn.
 WCAD .5 Canton, N. Y.
 WCAE .1 Pittsburgh, Pa.
 WDAE .1 Tampa, Fla.
 WREN .1 Lawrence, Kan.
 2GF .05 Grafton, Ausl.
 4ZL .1 Dunedin, N. Z.
 6KG .1 Kalgoolle, Ausl.

1230(243.8)

CJOC .1 Lethbridge, Alta.
 CMCA .15 Havana, Cuba
 KGGM .25 Albuquerque, N. M.
 KYA .1 San Francisco, Cal.
 LS8 .2 Buenos Aires, Arg.
 WFBM .1 Indianapolis, Ind.
 WNAC .1 Boston, Mass.
 XGLS .1 Soochow, Chn.
 5. Gletwitz, G. (1231)

1240(241.8)

CE124 .1 Concepcion, Chl. (1245)
 CJCB 1. Sydney, N. S.
 CMHB .03 San Spiritus, Cuba (1245)
 KGCU .25 Mandan, N. D.
 KLPM .25 Minea, N. D.
 KTAT .1 Ft. Worth, Tex.
 KTFI .1 Twin Falls, Idaho
 WKAQ .1 San Juan, P. R.
 WXYZ .1 Detroit, Mich.
 XEAI .1 Mexico City, D. F.
 XHHY .1 Shanghai, Chn.
 2NC 2. Newcastle, Ausl. (1245)
 2ZL .05 Nairtinge, N. Z.
 6CK 1. Cork, I. F. S.
 2. Nioe, F. (1249)

1250(239.9)

CE125 .1 Valparaiso, Chl.
 CMCU .15 Havana, Cuba (1255)
 CPX 5. La Paz, Bol.
 CX36 .25 Montevideo, Uru.
 EAJ8 3. Sn. Sebastiao, Sp. (1258)
 KFOX .1 Long Beach, Cal.
 WCAL 2.5 Northfield, Minn.
 WDSU .1 New Orleans, La.
 WBI 1. Newark, N. J.
 WLB 1. Minneapolis, Minn.
 WNEW .1 Newark, N. J.
 WTCN .1 Minneapolis, Minn.
 No. 3 1. Rome, I. (1258)

1260 (238)

CE126 .1 Santiago, Chl. (1265)
 CFTF .1 Edmonton, Alta.
 CW36 .03 Salto, Uru.
 KOIL .1 Coeur d'Alto, Ia.
 KPAL .5 Port Arthur, Texas
 KRGV .5 Westaco, Tex.
 KUOA .1 Fayetteville, Ark.
 KVOA .5 Tucson, Ariz.
 WLBW .5 Erie, Pa.
 WNBX .5 Springfld, Vt.
 WTOC .1 Savannah, Ga.
 XHHP .1 Shanghai, Chn.
 1ZM .05 Manurewa, N. Z.
 3WR .05 Wangratta, Aus.
 2. Augsburg, G. (1267)
 2. Nurnberg, G. (1267)

1270(236.1)

CMCP .15 Havana, Cuba
 HIX .1 Santo Domingo, D.R.
 KGA .1 Decarar, Ia.
 KOL .1 Seattle, Wn.
 KVOR .1 Colo Springs, Colo.
 KWLC .1 Decarar, Ia.
 LKD .5 Bodu, Nor. (1276)
 LKK 5. Christiansand, Nor. (1276)
 LK8 .5 Stavanger, Nor. (1276)
 LS9 .5 Buenos Aires, Arg.
 TUA .5 Tunis, Tun. (1275)
 WASH .5 Grand Rapids, Mich.
 WFRB .5 Baltimore, Md.
 WJDX .1 Jackson, Miss.
 WOOD .5 Grand Rapids, Mich.
 XDYF .15 Wu-hu, Chn.
 XFB .25 Jalapa, Ver.
 ZP4 .15 Asuncion, Par. (1275)
 ZSM 1. Sydney, Ausl.

1280(234.2)

CE128 .5 Temuco, Chl.
 KFBB 1. Great Falls, Mont.
 LU7 .5 Bahia Blanca, Arg.

WCAM .5 Camden, N. J.
 WCAP .5 Asbury Park, N. J.
 WDD1 1. Chattanooga, Tenn.
 WIBA .5 Madison, Wis.
 WORC .5 Worcester, Mass.
 WRR .5 Dallas, Tex.
 WTNJ .5 Trenton, N. J.
 3TR .25 Sale, A. us.
 4ZC .007 Cromwell, N. Z.
 1. Aberdeen, O. B. (1285)
 1.5 Dresden, G. (1285)

1290(232.4) []

CMHL .02 Cienfuegos, Cuba
 CX38 .25 Montevideo, Uru.
 KDYL 1. Salt Lake City, Utah
 KLCN .1 Blytheville, Ark.
 PRA5 .1 Sao Paulo, Brs. (1295)
 WERC 1. Superior, Wis.
 WJAS 1. Pittsburgh, Pa.
 WNBZ .05 Saranac Lake, N. Y.
 WNEL .5 San Juan, P. R.
 XEAC .1 S. L. Pet, SLP. (1295)
 4BK .2 Brisbane, Austl.
 5. Lnz, Aust. (1294)
 5. Dornbrn, Aust. (1294)
 2. Klagenfurt, Aust. (1294)

1300(230.6) []

CEI30 .1 Santiago, Chl. (1305)
 CMKJ .02 Guantanamo, Cuba
 CW38 .03 Salto, Uru.
 HIZ .01 San Domingo, D. R.
 KALE .5 Portland, Ore.
 KFAC 1. Los Angeles, Cal.
 KFH 1. Wichita, Kan.
 KFJR .5 Portland, Ore.
 PRC4 .05 Amparo, Brs. (1304)
 VOAC .04 St. John's, Nfld.
 WBBR 1. Brooklyn, N. Y.
 WEVD 1. New York, N. Y.
 WFAB 1. New York, N. Y.
 WFCB .25 Greenville, S. C.
 WHAZ .5 Troy, N. Y.
 WIOD 1. Miami, Fla.
 XQHC 4. Shanghai, Chn.
 3BA .05 Ballarat, Austl.
 3ZE .05 Greymouth, N. Z.
 5. Dansig, Dan. (1303)

1310(228.9) []

CEI31 .1 Santiago, Chl. (1315)
 CHCK .05 Charlottesville, P.E.I.
 CJML .1 Kirkland Lake, Ont.
 CJLS .1 Yarmouth, N. S.
 CKCV .05 Quebec, Que.
 CMCY .5 Havana, Cuba (1316)
 KCRJ .1 Jerome, Ariz.
 KFBK .1 Sacramento, Cal.
 KFPL .1 Dublin, Tex.
 KFPM .015 Greenville, Tex.
 KFXR .1 Oklahoma City
 KFYD .1 Lubbock, Tex.
 KGBX .1 Springfield, Mo.
 KGCC .1 Wolf Point, Mont.
 KGEZ .1 Kalispell, Mont.
 KGFV .1 Kearney, Neb.
 KIT .1 Yakima, Wn.
 KRMD .1 Medford, Ore.
 KRMD .1 Shreveport, La.
 KTSM .1 El Paso, Tex.
 KXRO .1 Aberdeen, Wn.
 SBC 1.25 Malmo, Swe. (1312)
 SCK .25 Karlstad, Swe. (1312)
 SCO .25 Norrkoping, Swe. (1312)
 SCQ .25 Trollhattan, Swe. (1312)
 WAML .1 Laurel, Miss.
 WBE0 .1 Marquette, Mich.

WBOW .1 Terre Haute, Ind.
 WBRE .1 Wilkes-Barre, Pa.
 WCLS .1 Joliet, Ill.
 WDAH .1 El Paso, Tex.
 WBRB .5 Buffalo, N. Y.
 WEXL .05 Royal Oak, Mich.
 WFBG .1 Altoona, Pa.
 WFDF .1 Flint, Mich.
 WGH .1 Newport News, Va.
 WHAT .1 Philadelphia, Pa.
 WJAC .1 Johnstown, Pa.
 WLBC .05 Muncie, Ind.
 WLNH .1 Laconia, N. H.
 WMB0 .1 Auburn, N. Y.
 WNBH .1 New Bedford, Mass.
 WOL .1 Washington, D. C.
 WRAP .1 Reading, Pa.
 WR0L .1 Knoxville, Tenn.
 WSAJ .1 Grove City, Pa.
 WSGN .1 Birmingham, Ala.
 WSJS .1 Winston-Salem, N. C.
 WTEL .1 Philadelphia, Pa.
 WTJS .1 Jackson, Tenn.
 WTRC .05 Elkhart, Ind.
 XECW .01 Mexico City
 XEFC .1 Merida, Yuc.
 XEFW .25 Tampico, Tams.
 XETB .125 Torreon, Coah.
 XEX .125 Monterrey, N. L.
 XLWT .05 Wush, Chn.
 1ZJ .05 Auckland, N. Z.
 5AD .3 Adelaide, Austl.

1320(227.1) []

CEI32 .1 Rancagua, Chl. (1325)
 CMCK .1 Havana, Cuba
 CW39 .075 Florida, Uru.
 KGHF .5 Pueblo, Colo.
 KGMB .25 Honolulu, T. H.
 KID .25 Idaho Falls, Idaho
 KSO .25 Des Moines, Iowa
 WADC .1 Akron, Ohio
 WORK 1. York, Pa.
 WSMB .5 New Orleans, La.
 2MO .05 Gunnedah, Austl.
 No. 2 .8 Budapest, Hun. (1321)

1330(225.4) []

CEI33 .1 Osorno, Chl. (1335)
 CX40 .5 Montevideo, Uru.
 KGB 1. San Diego, Cal.
 KMO .25 Tacoma, Wn.
 KSCJ 1. Sioux City, Ia.
 KTRH 1. Houston, Tex.
 WDRR 1. Hartford, Conn.
 WSAI 1. Cincinnati, Ohio
 WTAQ 1. Eau Claire, Wis.
 XGWT .025 Chang-Chow, Chn.
 4RO .05 Rockhampton, A.Usl.
 5. Montpellier, F. (1339)
 1.5 Bremen, G.
 1.5 Hanover, G.
 1.5 Madgeburg, G.
 1.5 Stettin, G.
 1.5 Flensburg, G.
 1.7 Lodz, Pol. (1339)

1340(223.7) []

CEI34 .15 Santiago, Chl.
 CW40 .03 Paysandu, Uru.
 KFPY 1. Spokane, Wash.
 KGDY .25 Huron, S. D.
 KGNO .25 Dodge City, Kan.
 LKR .15 Rjukan, Nor. (1348)
 WCOA .5 Pensacola, Fla.
 WFEA .5 Manchester, N. H.
 WSPD 1. Toledo, Ohio
 XFD .25 Orizaba, Ver.
 XGOE .15 Num-ling, Chn.
 XHHR .05 Shanghai, Chn.
 2RN 1.2 Dublin, I.F.S. (1348)

2XN .05 Lismore, Aus.
 4ZR .004 Balclutha, N. Z.
 2. Radio-Vitus, F. (1348)
 5. Salzburg, Aust. (1348)
 5. Konigsberg, G. (1348)
 1. Bordeaux, F. (1348)

1350(222.4) []

CMBD .15 Havana, Cuba
 KIDO 1. Boise, Ida.
 KWK 1. St. Louis, Mo.
 LKN .08 Notodden, Nor. (1357)
 L86 3.5 Buenos Aires, Arg.
 WAWZ .25 Zarephath, N. J.
 WBNX .25 New York, N. Y.
 WEHC .5 Charlottesville, Va.
 3KZ .6 Melbourne, Austl.
 No. 2 .4 Milan, I. (1357)

1360(220.4) []

CMJP .075 Moron, Cuba
 CMKF .03 Melquin, Cuba (1363)
 CW41 .05 San Jose, Uru.
 KGER 1. Long Beach, Cal.
 KGIR .1 Butte, Mont.
 PRC5 .1 Belem, Brs.
 WCS5 .5 Charleston, S. C.
 WFBL 1. Syracuse, N. Y.
 WGES .5 Chicago, Ill.
 WQBC .5 Vicksburg, Miss.
 WSBT .5 South Bend, Ind.
 XQHD 2. Shanghai, Chn.
 2BH 1. Broken Hill, Austl.
 2ZR .05 Nelson, N. Z.
 No. 2 .1 Turin, I. (1366)

1370(218.8) []

CKCW .1 Moncton, N. B.
 CMBG .225 Havana, Cuba (1375)
 CMGE .03 Cardenas, Cuba (1375)
 CX42 1. Montevideo, Uru.
 KCRC .1 Enid, Okla.
 KERN .1 Bakersfield, Calif.
 KFGQ .1 Boone, Ia.
 KFJM .1 Grand Forks, N. D.
 KFJZ .1 Ft. Worth, Tex.
 KGAR .1 Tucson, Ariz.
 KGGF .1 Oklahoma City
 KGFL .1 Roswell, N. M.
 KGKL .1 San Angelo, Tex.
 KICA .1 Clovis, N. M.
 KLUF .1 Galveston, Tex.
 KMAC .1 San Antonio, Tex.
 KONO .1 San Antonio, Tex.
 KRE .1 Berkeley, Cal.
 KRKO .05 Berkeley, Calif.
 KSLM .1 Salem, Ore.
 KUJ .1 Walla Walla, Wn.
 KVL .1 Seattle, Wn.
 KWKC .1 Kansas City, Mo.
 KWYO .1 Sheridan, Wyo.
 WAGF .1 Dothan, Ala.
 WBTM .1 Danville, Va.
 WCBM .1 Baltimore, Md.
 WDAS .1 Philadelphia, Pa.
 WGL .1 Ft. Wayne, Ind.
 WGLC 1. Hudson Falls, N. Y.
 WHBD .1 Mt. Orab, Ohio
 WHSQ .1 Memphis, Tenn.
 WHDF .1 Calumet, Mich.
 WIBM .1 Jackson, Mich.
 WJTL .1 Atlanta, Ga.
 WLLH .1 Lowell, Mass.
 WMBR .1 Jacksonville, Fla.
 WOC .1 Davenport, Iowa
 WPFB .1 Hattiesburg, Miss.
 WQDM .1 St. Albans, Vt.
 WRAK .1 Williamsport, Pa.
 WRDO .1 Augusta, Me.
 WRJN .1 Racine, Wis.
 WSV\$.05 Buffalo, N. Y.

XEFE .1 Nuevo Laredo, Tama.
 XEFZ .1 Mexico City, D. F.
 XEI .25 Merelia, Mich.
 XEZZ .1 San Luis Potosi
 3HS .05 Horsham, Auhl.
 5 Haile, Swi. (1375)
 5 Berne, Swi. (1375)

1380(217.3)

CE103 .1 Valdivia, Chi.
 CE138 .1 Santiago, Chi. (1385)
 CMJC .15 Camaguey, Cu. (1382)
 CT1DR ... Lisbon, Por. (1386)
 CW42 .02 Artigas, Uru.
 KOH .5 Rene, Nev.
 KQV .5 Pittsburgh, Pa.
 LT5 .5 Resistencia, Arg.
 WALA .5 Mobile, Ala.
 WKBH .1 LaCrosse, Wis.
 WSMK .2 Dayton, Ohio
 XLHE .075 Shanghai, Chn.
 4BH .6 Brisbane, Auhl.
 No. 2 2. Warsaw, Pol. (1384)

1390(215.7)

CE199 .1 Rancagua, Chi.
 CJRC .1 Winnipeg, Can.
 HIM .615 San Pedro de M., D. R.
 (1395)
 KLRA .1 Little Rock, Ark.
 KOY .5 Phoenix, Ariz.
 WHK .1 Cleveland, Ohio
 2GN .1 Goulburn, Auhl.
 5. Radio-Lyons, F. (1393)

1400(214.2)

CMCR .15 Havana, Cuba
 CW43 .02 Melo, Uru.
 FZ2 .25 Shanghai, Chn.
 KLO .5 Ogden, Utah
 KTUL .25 Tulsa, Okla.
 TGX .15 Guatemala City
 WARD .5 Brooklyn, N. Y.
 WBA .5 W. Lafayette, Ind.
 WBB .5 Brooklyn, N. Y.
 WKB .5 Indianapolis, Ind.
 WLTH .5 Brooklyn, N. Y.
 WFWF .5 Brooklyn, N. Y.
 2ZO .1 Palmerston, N. Z.
 3GL .05 Geelong, Auhl.
 Swedish Common Wave (1402)
 See SC in Index by Calls

1410(212.6)

CE141 .1 Concepcion, Chi.
 CKFC .85 Vancouver, B. C.
 CKMO .1 Vancouver, B. C.
 CT1DH .01 Lisbon, Por. (1411)
 CX44 .1 Montevideo, Uru.
 KGRS .1 Amarillo, Tex.
 WAAB .5 Boston, Mass.
 WBCM .5 Bay City, Mich.
 WDAG .1 Amarillo, Tex.
 WHBL .5 Sheboygan, Wis.
 WHIS .25 Bluefield, W. Va.
 WREX .25 Roanoke, Va.
 WROK .5 Rockford, Ill.
 WSFA .5 Montgomery, Ala.
 2KO .5 Newcastle, Auhl. (1415)

1420(211.1)

CE142 .1 Santiago, Chi. (1425)
 CKGB .1 Timmins, Ont.
 CKNC .1 Toronto, Ont.
 CMBX .15 Havana, Cuba (1425)
 CW44 .1 Paysandu, Uru.
 KABC .1 San Antonio, Tex.
 KBPS .1 Portland, Ore.

KCMC .1 Tesarkana, Ark.
 KFIZ .1 Fond du Lac, Wis.
 KGFF .1 Shawnee, Okla.
 KGGC .1 San Francisco, Calif.
 KGWI .1 Alamosa, Colo.
 KGIX .1 Las Vegas, Nev.
 KICK .1 Carter Lake, Iowa
 KIDW .1 Lamar, Colo.
 KORE .1 Eugene, Ore.
 KUMA .1 Yuma, Ariz.
 KXL .1 Portland, Ore.
 LL .2 Paris, F. (1429)
 OFE .1.2 Tampere, Fin.
 WACO .1 Waco, Tex.
 WAGM .1 Presque Isle, Me.
 WAZL .1 Hazleton, Pa.
 WEED .1 Rocky Mount, N. C.
 WEHS .1 Cicero, Ill.
 WELL .05 Battle Creek, Mich.
 WGPC .1 Albany, Ga.
 WHDL .1 Tupper Lake, N. Y.
 WHFC .1 Cicero, Ill.
 WILM .1 Wilmington, Del.
 WJBO .1 Baton Rouge, La.
 WJMS .1 Ironwood, Mich.
 WKBI .1 Cicero, Ill.
 WLAP .1 Lexington, Ky.
 WLB .1 Kansas City, Kans.
 WMA5 .1 Springfield, Mass.
 WMB .1 Detroit, Mich.
 WMBH .1 Joplin, Mo.
 WNRA .1 Muscle Shoals, Ala.
 WPAD .1 Paducah, Ky.
 XEFP .1 Monterrey, N. L.
 XHHK .1 Shanghai, Chn.
 128 .05 Auckland, N. Z.
 3AW .6 Melbourne, Auhl. (1425)
 1. Newcastle, G.B. (1429)
 2. Beiers, F. (1429)

1430(209.7)

CE143 .1 Magallanes, Chi.
 HAE2 1.25 Magyarovar, Hun.
 (1438)
 HAE3 1.25 Miskolc, Hun. (1438)
 KECA .1 Los Angeles, Calif.
 KGNF .5 Ne. Platte, Neb.
 KWCR .25 Cedar Rapids, Iowa
 RW10 100. Minak, U.S.R. (1438)
 WBNS .5 Columbus, Ohio
 WHCC .5 Rochester, N. Y.
 WHP .5 Harrisburg, Pa.
 WNR8 .5 Memphis, Tenn.
 WOKO .5 Albany, N. Y.
 2WL .05 Wollongong, Auhl. (1435)

1440(208.2)

KDFN .5 Casper, Wyo.
 KLS .25 Oakland, Calif.
 KXYZ .5 Houston, Tex.
 TIFS .0075 Cartago, C. R. (1441)
 WBIG .5 Greensboro, N. C.
 WCEA .25 Allentown, Pa.
 WMBD .5 Peoria, Ill.
 WSA .25 Allentown, Pa.
 WTAD .5 Quincy, Ill.

1450(206.8)

CE146 .1 Rancagua, Chi.
 CFCT .85 Victoria, B. C.
 CKX .5 Brandon, Man.
 CMQC .1 Havana, Cuba
 CX46 .25 Montevideo, Uru.
 KTBS .1 Shreveport, La.
 TIEP .0075 San Jose, C. R.
 WGAR .5 Cleveland, Ohio
 WHOM .25 Jersey City, N. J.
 WSAR .25 Fall River, Mass.
 WTFI .5 Athens, Ga.

4ZW .05 Dunedin, N. Z.
 10. Normandie, F. (1456)

1460(205.4)

CE146 .5 Santiago, Chi. (1465)
 CW46 .03 Tucuman, Uru.
 HAE4 1.5 Pecos, Hun. (1465)
 KSTP 1.0 St. Paul, Minn.
 WJSV 10. Washington, D. C.
 XQHE .25 Shanghai, Chn.
 ZP5 .15 Asuncion, Par. (1465)
 5MU .1 Murray Bridge, Auhl.
 7UV .5 Uiverstone, Auhl.
 1.5 Dresden, G. (1465)

1470(204)

CMCG .15 Havana, Cuba (1475)
 WLAC .5 Nashville, Tenn.
 3ZM .1 Christchurch, N. Z.
 6IX .3 Perth, Auhl.
 3 Plymouth, G.B. (1474)
 1. Bournemouth, G. B.
 (1474)

1480(202.6)

CW47 .1 Canelones, Uru.
 KOMA 5. Oklahoma City, Okla.
 WKBW 5. Buffalo, N. Y.
 2AY .05 Albany, Auhl.

1490(201.2)

CX48 2.5 Montevideo, Uru.
 ON4CE .1 Chatelineau, Big. (1492)
 ON4EB .1 Antwerp, Big. (1492)
 WCXY 5. Covington, Ky.
 1. Binche, Big. (1492)
 2. Nimes, F. (1492)
 6. Turku, Fin. (1492)
 1. Courtral, Belg.
 Spanish Common Wave (1492)
 See EAJ in Index by Calls

1500(199.9)

CHGS .85 Summerside PEI.
 CMCN .25 Havana, Cuba
 KDB .1 Santa Barbara, Calif.
 KGFI .1 Corpus Christi, Tex.
 KGFK .1 Moorhead, Minn.
 KGKB .1 Tyler, Texas
 KGKY .1 Scottsbluff, Neb.
 KNOW .1 Austin, Tex.
 KOTN .1 Pine Bluff, Ark.
 KPJM .1 Prescott, Ariz.
 KPQ .1 Wenatchee, Wash.
 KREG .1 Santa Ana, Calif.
 KXO .1 El Centro, Calif.

Spanish Common Wave
 See EAJ in Index by Calls
 ON4RW .1 Liege, Belg.
 WCNW .1 Brooklyn, N. Y.
 WDNC .1 Durham, N. C.
 W GAL .1 Lancaster, Pa.
 WHEF .1 Koclosko, Miss.
 WJBK .1 Detroit, Mich.
 WKBB .1 E. Dubuque, Ill.
 WKBV .1 Richmond, Ind.
 WKBZ .1 Muskegon, Mich.
 WKU .1 LaGrange, Ga.
 WMBQ .1 Brooklyn, N. Y.
 WMEX .1 Chelsea, Mass.
 WNF .1 Binghamton, N. Y.
 WOPI .1 Bristol, Tenn.
 WRDW .1 Augusta, Ga.
 WRGA .1 Remo, Ga.
 WSYB .1 Rutland, Vt.
 WWRL .1 Woodside, N. Y.
 WWSW .1 Pittsburgh, Pa.

3AK .05 Melbourne, Ausl.
 No.1 .1 Verviers, Belg.
 No.2 .1 Verviers, Belg.
 No.2 .1 Wallonia, Belg.
2 Pietersaari, Fin.
1 Radio Comte, Belg.
1 Seraing, Belg.

1510(198.6) []

CFRC .1 Kingston, Ont.
 CKCR .1 Waterloo, Ont.

1530(196.0) []

8CJ .2 Karlskrona, Swe.

W1XBS 1. Waterbury, Conn.
 W9XBY 1. Kansas City, Mo.

1550(193.4) []

W2XR 1. Long Island City, N. Y.
 W6XAI 1. Bakersfield, Calif.

INDEX BY COUNTRIES, STATES AND CITIES
 Frequency in second column, power in watts in third

ALABAMA
 Birmingham
 WAPI 1140 5000
 WBCR 930 1000
 WSGN 1310 100
 Dothan
 WAGF 1370 100
 Gadsden
 WJBY 1210 100
 Huntsville
 WBHS 1200 100
 Mobile
 WALA 1380 500
 Montgomery
 WSFA 1410 500
 Muscle Shoals
 WNRA 1420 100

ALASKA
 Anchorage
 KFQD 780 250
 Ketchikan
 KGBU 900 500

ARIZONA
 Jerome
 KCRJ 1310 100
 Lowell
 KSUN 1200 100
 Phoenix
 KOY 1390 500
 KTAR 620 1000
 Prescott
 KPJM 1500 100
 Tucson
 KGAR 1370 100
 KVOA 1260 500
 Yuma
 KUMA 1420 100

ARKANSAS
 Blytheville
 KLCN 1290 100
 Fayetteville
 KUOA 1260 1000
 Fort Smith
 KFPW 1210 100
 Hot Springs
 KTHS 1060 10000
 Jonesboro
 KBTM 1200 100
 Little Rock
 KARK 890 250
 KGHI 1200 100
 KLRA 1390 1000
 Pine Bluff
 KOTN 1500 100
 Texarkana
 KCMC 1420 100

CALIFORNIA
 Bakersfield
 KERN 1370 100
 W6XAI 1550 1000
 Berkeley
 KRE 1370 100
 Beverly Hills
 KMPC 710 500

Burbank
 KELW 780 500
 El Centro
 KXO 1500 100
 Eureka
 KIEM 1210 100
 Fresno
 KMJ 580 500
 Glendale
 KIEV 850 250
 Hollywood
 KFVB 950 1000
 KMTR 570 1000
 KNX 1050 50000
 Long Beach
 KFOX 1250 1000
 KGER 1360 1000
 Los Angeles
 KECA 1430 1000
 KFAC 1300 1000
 KFI 640 50000
 KFSG 1120 500
 KFVD 1000 250
 KGJF 1200 100
 KHJ 900 1000
 KRKD 1120 500
 KTM 780 500
 Modesto
 KTRB 740 250
 Oakland
 KLS 1440 250
 KLX 880 1000
 KROW 930 1000
 Pasadena
 KPPC 1210 50
 Sacramento
 KFBK 1310 100
 San Bernardino
 KFXM 1210 100
 San Diego
 KFSD 600 1000
 KGB 1330 1000
 San Francisco
 KFRC 610 1000
 KGGC 1420 100
 KGO 790 7500
 KJBS 1070 500
 KPO 680 50000
 KTAB 560 1000
 KYA 1230 1000
 San Jose
 KQW 1010 1000
 Santa Ana
 KREG 1500 100
 Santa Barbara
 KDB 1500 100
 Stockton
 KGDM 1100 250
 KWG 1200 100

COLORADO
 Alamosa
 KGIW 1420 100
 Colorado Springs
 KVOR 1270 1000

Denver
 KLZ 560 1000
 KOA 830 50000
 KPOF 880 500
 KVOD 920 500
 Grand Junction
 KFXJ 1200 100
 Greeley
 KFKA 880 500
 Lamar
 KIDW 1420 100
 Pueblo
 KGHF 1320 500
 Sterling
 KGEK 1200 100

CONNECTICUT
 Bridgeport
 WICC 600 500
 Hartford
 WDRG 1330 1000
 WTIC 1040 50000
 Storrs
 WCAC 600 500
 Waterbury
 WATR 1190 100
 WIXBS 1530 1000

DELAWARE
 Wilmington
 WDEL 1120 250
 WILM 1420 100

DISTRICT OF COLUMBIA
 Washington
 WJSV 1460 10000
 WMAL 630 250
 WOL 1310 100
 WRC 950 500

FLORIDA
 Clearwater
 WFLA 620 1000
 Gainesville
 WRUF 830 5000
 Jacksonville
 WJAX 900 1000
 WMBR 1370 100
 Miami
 WIOD 1300 1000
 WQAM 560 1000
 Orlando
 WDBO 580 250
 Pensacola
 WCOA 1340 500
 St. Petersburg
 WSUN 620 1000
 Tampa
 WDAE 1220 1000

GEORGIA
 Albany
 WGPC 1420 100
 Athens
 WTFI 1450 500

Atlanta
 WGST 890 500
 WJTL 1370 100
 WSB 740 50000

Augusta
 WRDW 1500 100
 Columbus
 WRBL 1200 100
 LaGrange
 WKEU 1500 100
 Macon
 WMAZ 1180 1000
 Rome
 WRGA 1500 100
 Savannah
 WTOG 1260 1000
 Thomasville
 WQDX 1210 100

HAWAII
 Hilo
 KWVF 1210 100
 Honolulu
 KGMB 1320 250
 KGU 750 2500

IDAHO
 Boise
 KIDO 1350 1000
 Idaho Falls
 KID 1320 250
 Nampa
 KF XD 1200 100
 Pocatello
 KSEI 900 250
 Twin Falls
 KTFI 1240 500

ILLINOIS
 Bloomington
 WJBC 1200 100
 Carthage
 WCAX 1070 100
 Chicago
 KYW 1020 10000
 WAAF 920 500
 WBBM 770 25000
 WCFL 970 1500
 WCRW 1210 100
 WEDC 1210 100
 WENR 1370 50000
 WGES 860 500
 WGN 720 50000
 WJJD 1130 20000
 WLS 870 50000
 WMAQ 670 50000
 WMBI 1080 5000
 WSBC 1210 100
 Chicago
 WEHS 1420 100
 WHFC 1420 100
 WKBI 1420 100
 Decatur
 WJBL 1200 100
 East Dubuque
 WKBB 1500 100

Harrisburg
WEBQ 1210 100
Joliet
WCLS 1310 100
Peoria
WMBD 1440 500
Quincy
WTAD 1440 500
Rockford
WROK 1410 500
Rock Island
WHBF 1210 100
Springfield
WCBS 1210 100
WTAX 1210 100
Tuscola
WDZ 1070 100
Urbana
WILL 890 250
Zion
WCB D 1080 5000

INDIANA

Anderson
WHBU 1210 100
Elkhart
WTRC 1310 50
Evansville
WGFB 630 500
Fort Wayne
WGL 1370 100
WOWO 1160 10000
Gary
WIND 560 1000
Hammond
WVAE 1200 100
Indianapolis
WFBM 1230 1000
WKBF 1400 500
Muncie
WLBC 1310 100
Richmond
WKBV 1500 100
South Bend
WPA M 1200 100
WSBT 1360 500
Terre Haute
WBOW 1310 100
West Lafayette
WBAA 1400 500

IOWA

Ames
WOI 640 5000
Boone
KFGQ 1370 100
Cedar Rapids
KWCR 1430 250
Council Bluffs
KOIL 1260 1000
Davenport
WOC 1370 100
Decorah
KGCA 1270 100
KWL C 1270 100
Des Moines
KSO 1320 250
WHO 1000 50000
Iowa City
WSUI 880 500
Marshalltown
KFJB 1200 100
Shenandoah
KFNF 890 500
KMA 930 1000
Sioux City
KSCJ 1330 1000
Waterloo
WMT 600 1000

KANSAS

Ablene
KFBI 1050 5000
Coffeyville
KGGF 1010 1000

Dodge City
KGNO 1340 250
Kansas City
WLB F 1420 100
Lawrence
KFKU 1220 1000
WREN 1220 1000
Manhattan
KSAC 580 500
Topeka
WIBW 580 1000
Wichita
KFH 1300 1000

KENTUCKY

Covington
WCKY 1490 5000
Lexington
WLAP 1420 100
Louisville
WAVE 940 1000
WIAS 820 50000
Paducah
WPAD 1420 100

LOUISIANA

Baton Rouge
WJBO 1420 100
Monroe
KMLB 1200 100
New Orleans
WBNO 1200 100
WDSU 1250 1000
WJBW 1200 100
WSMB 1320 500
WWL 850 10000
Shreveport
KRMD 1310 100
KTBS 1450 1000
KWEA 1210 100
KWKH 1100 10000

MAINE

Augusta
WRDO 1370 100
Bangor
WABI 1200 100
WLBZ 620 500
Portland
WCSH 940 1000
Presque Isle
WAGM 1420 100

MARYLAND

Baltimore
WBAL 1060 10000
WCAO 600 500
WGBM 1370 100
WFB R 1270 500
Cumberland
WTBO 800 100
Hagerstown
WJ E J 1210 100

MASSACHUSETTS

Babson Park
WBSO 920 500
Boston
WAAB 1410 500
WBZ 990 50000
WEEI 590 1000
WHDH 830 1000
WNAC 1230 1000
Chelsea
WMEX 1500 100
Fall River
WSAR 1450 250
Lowell
WLLH 1370 100
New Bedford
WNBH 1310 100
Springfield
WBZA 990 1000
WMA S 1420 100
Worcester
WORC 1280 500
WTAG 580 500

MICHIGAN

Battle Creek
WELL 1420 50
Bay City
WBC M 1410 500
Calumet
WHDF 1370 100
Detroit
WJBK 1500 100
WJR 750 10000
WMBC 1420 100
WWJ 920 1000
WX YZ 1240 1000
East Lansing
WKAR 1040 1000
Flint
WFDF 1310 100
Grand Rapids
WASH 1270 500
WOOD 1270 500
Ironwood
WJMS 1420 100
Jackson
WIBM 1370 100
Kalamazoo
WKZO 590 1000
Lansing
WJIM 1210 100
Lapeer
WMP C 1200 100
Marquette
WBEO 1310 100
Muskegon
WKBZ 1500 100
Royal Oak
WEXL 1310 50

MINNESOTA

Fergus Falls
KGDE 1200 100
Minneapolis
WCCO 810 50000
WDGY 1180 1000
WLB 1250 1000
WTCN 1250 1000
Moorhead
KGF K 1500 100
Northfield
WCAL 1250 2500
St. Paul
KSTP 1460 10000

MISSISSIPPI

Greenwood
WKFI 1210 100
Gulfport
WGCM 1210 100
Hattiesburg
WPF B 1370 100
Jackson
WJD X 1270 1000
Kosciusko
WH E F 1500 100
Laurel
WAML 1310 100
Meridian
WCOC 880 500
Vicksburg
WQBC 1360 500

MISSOURI

Cape Girardeau
KFVS 1210 100
Columbia
KFRR 630 500
Jefferson City
WOS 630 500
Joplin
WMBH 1420 100
Kansas City
KMBC 950 1000
KWKC 1370 100
WDAF 610 1000
WHB 860 500
W9XBY 1536 1000

St. Joseph
KFEO 680 2500
St. Louis
KFUO 550 500
KMOX 1090 50000
KSD 550 500
KWK 1350 1000
WEW 760 1000
WIL 1200 100
Springfield
KGBX 1310 100
KWTO 560 1000

MONTANA

Billings
KGHL 780 1000
Butte
KGIR 1360 1000
Great Falls
KFBB 1280 1000
Kallispoll
KGEZ 1310 100
Mimoula
KGVO 1200 100
Wolf Point
KGCX 1310 100

NEBRASKA

Clay Center
KMMJ 740 1000
Kearney
KGF W 1310 100
Lincoln
KFAB 770 500
KFOR 1210 100
Norfolk
WJAG 1060 1000
North Platte
KGNF 1430 500
Omaha
WAAW 660 500
WOW 590 1000
Scottsbluff
KGGY 1500 100
York
KGEZ 930 500

NEVADA

Las Vegas
KGIX 1420 100
Reno
KOH 1380 500

NEW HAMPSHIRE

Lanonia
WLNH 1310 100
Manchester
WFEA 1430 500
Portsmouth
WHEB 740 250

NEW JERSEY

Asbury Park
WCAP 1280 500
Atlantic City
WPG 1100 5000
Camden
WCAM 1280 500
Jersey City
WAAT 940 500
WHOM 1450 250
Newark
WHBI 1250 250
WNEW 1250 1000
WOR 710 5000
Red Bank
WBRB 1210 100
Trouton
WTNJ 1280 500
Zarephath
WAWZ 1350 250

NEW MEXICO

Albuquerque
KGGM 1230 250
KOB 1180 10000

Clovis		
KICA	1370	100
Roswell		
KGFL	1370	100
NEW YORK		
Albany		
WOKO	1430	500
Auburn		
WMBO	1310	100
Binghamton		
WMBF	1500	100
Brooklyn		
WARD	1400	500
WBBC	1400	500
WBBR	1300	1000
WCNW	1500	100
WLTH	1400	500
WMBQ	1500	100
WVFW	1400	500
Buffalo		
WBEN	900	1000
WBR	1310	500
WGR	550	1000
WKBW	1480	5000
WSVS	1370	50
Canton		
WCAD	1220	500
Chester		
WGNV	1210	100
Elmira		
WESG	1090	1000
Freeport		
WGBB	1210	100
Hudson Falls		
WGLC	1370	100
Jamestown		
WOCL	1210	50
Long Island City		
W2XR	1550	1000
New York		
WABC	860	50000
WBNX	1350	250
WBOQ	860	50000
WEAF	660	50000
WEVD	1300	1000
WFAB	1300	1000
WHN	1010	1000
WINS	1180	1000
WJZ	760	50000
WLWL	1100	5000
WMCA	570	500
WNYC	810	500
WOV	1130	1000
Rochester		
WHAM	1150	50000
WHEC	1430	500
Saranac Lake		
WNBZ	1290	50
Schenectady		
WGY	790	50000
Syracuse		
WFBL	1360	1000
WSYR	570	250
Troy		
WHAZ	1300	500
Tupper Lake		
WHDL	1420	100
Utica		
WIBX	1200	100
White Plains		
WFAS	1210	100
Woodside		
WWRL	1500	100
NORTH CAROLINA		
Ashville		
WNCN	570	1000
Charlotte		
WBT	1080	50000
WSOC	1210	100
Durham		
WDNC	1500	100
Greensboro		
WBIG	1440	500

Raleigh		
WPTF	680	5000
Rocky Mount		
WEED	1420	100
Winston-Salem		
WSJS	1310	100
NORTH DAKOTA		
Bismarck		
KFYR	550	1000
Devils Lake		
KDLR	1210	100
Fargo		
WDAY	940	1000
Grand Forks		
KFJM	1370	100
Mandan		
KGCU	1240	250
Minot		
KLPM	1240	250
OHIO		
Akron		
WADC	1320	1000
WJW	1210	100
Canton		
WHBC	1200	100
Cincinnati		
WFBE	1200	100
WKRC	550	1000
WLW	700	500,000
WSAI	1330	1000
Cleveland		
WGAR	1450	500
WHK	1390	1000
WJAY	610	500
WTAM	1070	50000
Columbus		
WAIU	640	500
WBNS	1430	500
WCOL	1210	100
WOSU	570	750
Dayton		
WSMK	1380	200
Mount Orab		
WHBD	1370	100
Toledo		
WSPD	1340	1000
Youngstown		
WKBN	570	500
Zanesville		
WALR	1210	100
OKLAHOMA		
Ada		
KADA	1200	100
Elk City		
KASA	1210	100
Enid		
KCRC	1370	100
Norman		
WNAD	1010	500
Oklahoma City		
KFXR	1310	100
KGFG	1370	100
KOMA	1480	5000
WKY	900	1000
Ponca City		
WBBZ	1200	100
Shawnee		
KGFF	1420	100
Tulsa		
KTUL	1400	250
KVOO	1140	25000
OREGON		
Corvallis		
KOAC	550	1000
Eugene		
KORE	1420	100
Klamath Falls		
KFJI	1210	100
Marshfield		
KOOS	1200	250

Medford		
KMED	1310	100
Portland		
KALE	1300	500
KBPS	1420	100
KEX	1180	5000
KFJR	1300	500
KGW	620	1000
KOIN	940	1000
KWJJ	1040	500
KXL	1420	100
Salem		
KSLM	1370	100
PENNSYLVANIA		
Allentown		
WCBA	1440	250
WSAN	1440	250
Altoona		
WFBG	1310	100
Erie		
WLBW	1260	1000
Glenside		
WIBG	970	100
Greensburg		
WHJB	620	250
Grove City		
WSAJ	1310	100
Harrisburg		
WHF	1430	500
WKBO	1200	100
Hazleton		
WAZL	1420	100
Johnstown		
WJAC	1310	100
Lancaster		
WGAL	1500	100
WKJC	1200	100
Philadelphia		
WCAU	1170	50000
WDAS	1370	100
WFI	560	500
WHAT	1310	100
WIP	610	500
WLIT	560	500
WPEN	920	250
WRAX	920	250
WTET	1310	100
Pittsburgh		
KDKA	980	50000
KQV	1380	500
WGAE	1220	1000
WJAS	1290	1000
WWSW	1500	100
Reading		
WEEU	830	1000
WRAW	1310	100
Scranton		
WGBI	880	500
WQAN	880	250
Sunbury		
WKOK	1210	100
Washington		
WNBO	1200	100
Wilkes-Barre		
WBAX	1210	100
WBRE	1310	100
Williamsport		
WRAC	1370	100
York		
WORK	1320	1000
PHILIPPINES		
Manila		
KZEG	720	1000
KZRM	618.5	50000
PORTO RICO		
San Juan		
WKAQ	1240	1000
WNLN	1290	500
RHODE ISLAND		
Providence		
WEAN	780	500

WJAR	890	500
WPRO	630	100
SOUTH CAROLINA		
Charleston		
WCSC	1360	500
Columbia		
WIS	1010	1000
Greenville		
WFBC	1300	250
Spartanburg		
WSPA	920	1000
SOUTH DAKOTA		
Brookings		
KFDY	780	1000
Huron		
KGDY	1340	250
Pierre		
KGFX	630	200
Rapid City		
WCAT	1200	100
Sioux Falls		
KSOO	1110	1000
Vermillion		
KUSD	890	500
Watertown		
KWTN	1210	100
Yankton		
WNAX	570	1000
TENNESSEE		
Bristol		
WOPI	1500	100
Chattanooga		
WDOJ	1280	1000
Jackson		
WTJS	1310	100
Knoxville		
WNOX	560	1000
WROL	1310	100
Memphis		
WHBQ	1370	100
WMC	780	1000
WNBR	1430	500
WREC	600	1000
Nashville		
WLAC	1470	5000
WSM	650	50000
Springfield		
WSIX	1210	100
TEXAS		
Amarillo		
KGRS	1410	1000
WDAQ	1410	1000
Austin		
KNOW	1500	100
Beaumont		
KFDM	560	500
College Station		
WTAW	1120	500
Corpus Christi		
KGFI	1500	100
Dallas		
KRLD	1040	10000
WFAA	800	50000
WRR	1280	500
Dublin		
KFPL	1310	100
El Paso		
KTSM	1310	100
WDAH	1310	100
Fort Worth		
KFJZ	1370	100
KTAT	1240	1000
WBAP	800	50000
Galveston		
KLUF	1370	100
Greenville		
KFFM	1310	15
Houston		
KPRC	920	1000
KTRH	1330	1000
KXYZ	1440	500

Lubbock	
KFYO 1310	100
Port Arthur	
KPAC 1260	500
San Angelo	
KGKL 1370	100
San Antonio	
KABC 1420	100
KMAC 1370	100
KONO 1370	100
KTSA 550	1000
WOAI 1190	50000
Tyler	
KGKB 1500	100
Waco	
WACO 1420	100
Weslaco	
KRGV 1260	500
Wichita Falls	
KGKO 570	500
UTAH	
Ogden	
KLO 1400	500
Salt Lake City	
KDYL 1290	1000
KSL 1130	50000
VERMONT	
Burlington	
WCAX 1200	100
Rutland	
WSYB 1500	100
St. Albans	
WDM 1370	100
Springfield	
WNBX 1260	500
Waterbury	
WDEV 550	500
VIRGINIA	
Arlington	
NAA 690	1000
Charlottesville	
WEHC 1350	500
Danville	
WBTM 1370	100
Lynchburg	
WLVA 1200	100
Newport News	
WGH 1310	100
Norfolk	
WTAR 780	500
Petersburg	
WPHR 880	500
Richmond	
WBBL 1210	100
WMBG 1210	100
WRVA 1110	5000
Roanoke	
WDBJ 930	1000
WRBX 1410	250
Staunton	
WSVA 550	500
WASHINGTON	
Aberdeen	
KXRO 1310	100
Boilingham	
KVOS 1200	100
Everett	
KRKO 1370	50
Olympia	
KGY 1210	100
Pullman	
KWSC 1220	1000
Seattle	
KJR 970	5000
KOL 1270	1000
KOMO 920	1000
KPCB 710	250
KRSC 1120	100
KTW 1220	1000
KVL 1370	100
KXA 760	250

Spokane	
KFIO 1120	100
KFPY 1340	1000
KGA 900	1000
KHQ 590	1000
Tacoma	
KMO 1330	250
KVI 570	1000
Walla Walla	
KUJ 1370	100
Wenatchee	
KPQ 1500	100
Yakima	
KIT 1310	100
WEST VIRGINIA	
Bluefield	
WHIS 1410	250
Charleston	
WCHS 580	500
Fairmont	
WMMN 890	250
Huntington	
WSAZ 1190	1000
Wheeling	
WWVA 1160	5000
WISCONSIN	
Eau Claire	
WTAO 1330	1000
Fond du Lac	
KFIZ 1420	100
Green Bay	
WBHY 200	100
Janesville	
WCLO 1200	100
LaCrosse	
WKBH 1380	1000
Madison	
WHA 940	2500
WIBA 1280	1000
Manitowoc	
WOMT 1210	100
Milwaukee	
WISN 1120	250
WTMJ 620	1000
Paynette	
WIBU 1210	100
Racine	
WRJN 1370	100
Sheboygan	
WHBL 1410	500
Stevens Point	
WLBL 900	2500
Superior	
WBC 1290	1000
WYOMING	
Casper	
KDFN 1440	500
Sheridan	
KWYO 1370	100
CANADA	
ALBERTA	
Calgary	
CFAC 930	100
CFCN 1430	10000
CJJC 690	100
Edmonton	
CFTF 1260	100
CJCA 730	500
CKUA 580	500
Lethbridge	
CJOC 1230	100
BRITISH COLUMBIA	
Chilliwack	
CHWK 780	100
Kamloops	
CFJC 880	100
Kelowna	
CKOV 630	100
Trail	
CJAT 910	250
Vancouver	
CJOR 600	500

CKCD 1010	100
CKFC 1410	50
CKMO 1410	100
CKWX 1010	100
CRCV 1100	1000
Victoria	
CFST 1450	50
MANITOBA	
Brandon	
CKX 1450	500
Winnipeg	
CJRC 1390	100
CKY 960	15000
Moncton	
CKCW 1370	100
NEW BRUNSWICK	
Frederickton	
CFNB 550	500
St. John	
CHSJ 1210	100
NOVA SCOTIA	
Glouce Bay	
VAS 685	2000
Halifax	
CHNS 930	500
Sydney	
CJCB 1240	1000
Wolfville	
CKIC 1010	50
Yarmouth	
CJLS 1310	100
ONTARIO	
Brantford	
CKPC 930	100
10-BQ 1200	15
Chatham	
CFCO 600	100
Cobalt	
CKMC 1210	50
Fort William	
CKPR 930	50
Hamilton	
GHML 1010	50
CKOC 1120	500
Kingston	
CFRC 1510	100
Kirkland Lake	
CJKL 1310	100
London	
CFPL 730	100
North Bay	
CFCH 930	100
Ottawa	
CKCO 1010	100
CRCO 880	1000
Prescott	
CFLC 930	100
St. Catharines	
CKTB 1200	100
Sault Ste. Marie	
CJIC 890	100
Stratford	
10-AK 1200	15
Timmins	
CKGB 1420	100
Toronto	
CFRB 690	10000
CKCL 580	100
CKNC 1420	100
CRCT 840	5000
Waterloo	
CKCR 1510	100
Windsor	
CKLW 1030	5000
Wingham	
10-BP 1200	25
PRINCE EDWARD ISLAND	
Charlottetown	
CFCY 630	500
CHCK 1310	50

Summerside	
CHGS 1500	50
QUEBEC	
Chicoutimi	
CRCS 950	100
Hull	
CKCH 1210	100
Montmagny	
VE9K 1195	10
Monreal	
CFCP 600	500
CHLP 1120	100
CKAC 730	5000
CRCM 910	5000
New Carlisle	
CHNC 1210	100
Quebec	
CHRC 580	100
CKCV 1310	50
CRCK 1050	1000
SASKATCHEWAN	
Canora	
10-BU 1200	50
Moose Jaw	
CHAB 1200	100
CJRM 540	1000
Prince Albert	
CKBI 1210	100
Regina	
CHWC 1010	500
CKCE 1010	500
Saskatoon	
CFOC 840	1000
Yorkton	
CJGX 630	500
NEWFOUNDLAND	
St. John's	
VOAC 1300	40
VOAS 940	100
VOGY 840	400
VONF 950	5000
VOWR 681	500
MIQUELON	
St. Pierre	
FON 609	250
CENTRAL AMERICA	
COSTA RICA	
Cartago	
TIFS 1441	7.5
TIGA 1014	30
San Jose	
TICR 912	75
TIEA 833	7.5
TIEP 1450	7.5
TIFB 714	30
TIGP 800	75
TIRCA 1100	500
TISO 550	250
TITY 999	7.5
TIVL 835	30
TIXA 614	7.5
GUATEMALA	
Guatemala City	
TGW 565	10000
TGX 1400	150
NICARAGUA	
Granada	
YNCRG 870	150
EL SALVADOR	
San Salvador	
RDN 680	500
MEXICO	
AGUASCALIENTES	
Aguascalientes	
XFA 1310	5
XFC 810	350

BAJA CALIFORNIA			Tampico			Sagua la Grande			Pelotas			
Agua Caliente			XEFW 1310	250	CMHA 1103	50	PRC3	920	250	Porto Alegre		
XEBC 760	5000		XEMA 1080	50	San Spiritus		PRG2	1090	500	Recife		
Mexicali			XES 970	250	CMHB 1245	30	PRH8	750	500	Riberirae Preto		
XEAA 920	200		VERACRUZ			CMHI 1037	250	PRH7	1153	Rio de Janeiro		
XEAO 560	250		Jalapa		Santiago		PRC6	965	1000			
Tijuana			XFB 1270	250	CMCK 1034	150	DOMINICAN REPUBLIC					
XEAE 980	250		Orizaba		San Pedro de Macoris							
XEMO 860	2500		XFD 1340	250	San Pedro de Macoris		HIH 1395	15	Santos			
XEMZ 1210	30		Veracruz		San Pedro de Macoris		HIJ 1195	15	PRB4	1000	1000	
XEOK 920	2500		XEU 980	250	Santo Domingo		HIX 1270	1000	Sao Paulo			
CHIHUAHUA			YUCATAN			HIZ 1300	10	HAITI				
Chihuahua			Merida		Port-au-Prince		HHK 920	1000	CHILE			
XEFI 720	250		XEFL 1310	100	SOUTH AMERICA			Concepcion				
Juarez			WEST INDIES			ARGENTINE			CEI24	1245	100	
XEFV 1210	100		CUBA			Bahia Blanca		CEI41	1410	100		
XEFJ 1020	250		Calbarien		LU2	800	500	Curico				
COAHUILA			CMHD 950	500	LU7	1280	500	CEI20	1205	100		
Piedras Negras			Camaguey		Buenos Aires			Magallanes				
XEPN 590	50000		CMJC 1382	150	LR2	910	8500	CEI04	1040	100		
Saltillo			CMJE 1170	50	LR3	950	12000	CEI43	1430	100		
XEOX 640	250		CMJF 930	200	LR4	990	12000	Osorno				
Torreón			CMJG 1050	50	LR5	830	16000	CEI11	1115	100		
XETB 1310	125		CMJK 790	500	LR6	870	2100	CEI33	1335	100		
D. F.			CMJL 960	50	LR8	1150	5000	Rancagua				
Mexico City			CMJN 1240	50	LR9	1030	5000	CEI32	1325	100		
XEAI 1240	100		Cardenas		LR10	790	8000	CEI39	1390	100		
XEAL 660	1000		CMGE 1375	30	LS2	1190	5000	CEI45	1450	100		
XEB 1030	10000		Ciego de Avila		LS3	630	4500	Santiago				
XECW 1310	10		CMJH 1150	50	LS4	670	6000	CE58	585	1000		
XEFA 1180	500		CMJI 1210	150	LS5	1110	4500	CE62	625	500		
XEFG 1100	250		CMJO 1010	50	LS6	1350	3500	CE66	665	1000		
XEFO 940	5000		Cienfuegos		LS8	1230	2000	CE70	705	1000		
XEFZ 1370	100		CMHJ 1125	40	LS9	1270	5000	CE74	745	1000		
XEK 990	100		CMHW 910	100	LS10	590	3500	CE78	785	1000		
XEN 710	1000		Colon		BOLIVIA			CE82	825	1000		
XEO 940	5000		CMGI 1094	30	LV2	880	500	CE86	865	1000		
XEP 820	500		Cruces		Mendoza			CE90	905	1000		
XETW 820	500		CMHK 1225	50	LV10	860	500	CE94	945	1000		
XEXX 845	500		Guantanamo		Resistencia			CE98	985	1000		
XEW 890	50000		CMKJ 1300	20	LT5	1380	500	CE102	1025	100		
XEWZ 1150	100		Havana		Rosario			CE106	1065	500		
XEY 780	10000		CMAF 680	1000	LT1	780	5000	CE107	1075	100		
XFX 610	1000		CMBC 1040	150	LT3	1080	3500	CE110	1105	100		
DURANGO			CMBD 1350	150	LT8	840	350	CE114	1145	100		
Durango			CMBG 1375	225	Salta			CE122	1225	250		
XEE 1210	50		CMB5 915	150	LV9	900	500	CE126	1265	100		
GUANAJUATO			CMBX 1425	150	San Juan			CE130	1305	100		
Leon			CMBY 635	250	LV1	620	1500	CE131	1315	100		
XEAZ 1240	100		CMCZ 1005	100	LV5	1120	700	CE134	1345	150		
XEKL 920	500		CMC 835	500	Tucuman			CE138	1385	100		
JALISCO			CMCA 1230	150	LV7	820	500	CE142	1425	100		
Guadalajara			CMCB 1060	150	BRAZIL			CE146	1465	500		
XEA 1060	125		CMCD 955	250	CPX	1250	5000	Taica				
XED 1160	500		CMCE 610	250	CP4	1040	10000	Temuco				
MICHOACAN			CMCG 1475	150	ARGENTINE			CE92	920	100		
Morelia			CMCH 1200	400	Amparo			CE128	1280	500		
XEI 1370	125		CMCN 1500	250	PRC4	1304	50	Vaidivia				
NUEVO LEON			CMCO 1280	150	Bahia			CE103	1380	100		
Monterrey			CMCP 1270	150	PRA4	1000	50	Valparaiso				
XEFB 1420	100		CMCR 1400	150	Belom			CE76	760	10000		
XEFJ 1210	100		CMCU 1450	1000	PRC5	1360	100	CE81	805	100		
XEFJ 1150	250		CMCW 540	150	Bello Horizonte			CE88	885	100		
XET 690	500		CMCY 1316	500	PRC7	1090	250	CE109	1090	105		
XEX 1310	125		CMK 725	3150	Campinas			CE117	1170	250		
PUEBLA			CMQ 830	340	PRAW	1170	20	CE125	1250	100		
Puebla			CMW 930	1400	Curitiba			Vina del Mar				
XETH 1210	100		CMX 765	1000	PRB2	882	250	CE121	1210	100		
SAN LUIS POTOSI			COA 1175	500	Juiz de Fora			COLOMBIA				
San Luis Potosi			COK 1150	250	PRB3	857	250	Bogota				
XEZZ 1370	100		COX 1100	200	Mogy das Cruzes			HJN	681	1000		
SONORA			Holguin		PRB8	1000	50	HJ3ABD	1115	50		
Nogales			CMKF 1363	30	HAITI							
XEAF 1080	250		Manzanillo		ARGENTINE							
TAMAULIPAS			CMKM 940	100	Bahia							
Nuevo Laredo			Matanzas		PRA4	1000	50					
XEAM 750	50		CMGF 971.5	100	Belom							
XEFE 1370	100		CMGH 1040	15	PRC5	1360	100					
XENT 1120	50000		Moron		PRC7	1090	250					
Reynosa			CMJP 1360	75	Campinas							
XEAW 950	10000				PRAW	1170	20					

HJ3ABE 1200	50	Vienna	592	120000	Nica	1249	2060	Manchester											
HJ3ABH 1000	1000	.....	.....	.....	.....	Nirras	1492	200	NN	1013	5000				
PARAGUAY		BELGIUM						NR	668	50000									
Asuncion		Antwerp						Newcastle	.....	1429	1000							
ZP1	1135	1000	ON4EB	1492	100	Paris	FPTT	695	7000	Plymouth	.....	1474	300					
ZP3	1000	300	Binche	.....	1492	100	F8GC	810	1200	.....	.....	.....	.....		
ZP4	1275	150	Brussels	No. 1	620	15000	LL	1429	2000	GREECE									
ZP5	1465	150	No. 2	932	15000	PP	959	100000	Salonika	.....	804	20000						
PERU		Chattelneau			ON4CE	1492	100	Radio-Normandie	.....	1456	10000	HOLLAND						
Lima			Courtrai	.....	1492	100	Radio-Vitus	.....	1348	2000	Milversum	PFBI	995	20000			
OAX	790	5000	Liege	ON4RW	1500	100	Rennes	.....	1040	2500	HUNGARY							
URUGUAY		Radio Comte			.....	1500	Strasbourg	SPTT	859	15000	Budapest	HAL	546	120000				
Artigas		CW42	1380	20	.....	1500	Toulouse	.....	776	2000	No. 2	1321	800				
Canelones		CW47	1480	100	Seraing	.....	.....	913	60000	Magyarovar	HAE-2	1438	1250				
Florida		CW39	1320	75	Verviers	No. 1	1500	100	GERMANY										
Mele		CW43	1400	20	No. 2	1500	100	Augsburg	1267	2000	Miskoic	HAE-3	1438	1250				
Montivideo		CX4	610	1000	Wailonia	No. 2	1500	100	Berlin	841	100000	HAE	1122	6200				
CX4	610	1000	Sofia	BULGARIA	.....	850	1000	Bremen	.....	1330	1500	HAE-4	1465	1250			
CX6	650	5000	CZECHOSLOVAKIA			OKR	1004	13500	Breslau	950	60000	IRELAND						
CX8	690	1000	Bratislava	OKR	1004	13500	Brno	OKB	922	32000	Casse l	1195	1500	Athlone	565	60000	
CX10	730	1000	OKB	922	32000	Kosice	1158	2600	Cologne	658	17000	Belfast	1122	1000		
CX12	770	1000	Moravska	OKK	1113	11200	Praha	OKP	638	120000	Dresden	1285	250	Cork	6CK	1240	1000	
CX14	810	1000	OKK	1113	11200	Praha	OKP	638	120000	Flensburg	1330	1500	Dublin	2RN	1348	1200		
CX16	850	200	No. 2	1204	5000	DANZIG			Frankfurt	1195	17000	ITALY						
CX18	890	750	Danzig	1303	500	Freiburg	1195	5000	Gleiwitz	1231	5000	Barl	HBA	1059	20000	
CX20	930	2000	DENMARK			Copenhagen	1175	10000	Hamburg	904	100000	Bolzano	HBB	536	1000		
CX22	970	250	Tallinn	ESTONIA	731	20000	Hanover	1330	1500	Kaiserslautern	1195	1500	Firenze	HFI	609	20000
CX24	1010	10000	FINLAND			Helsinki	OFA	895	10000	Konigsberg	1031	60000	Genoa	HGM	986	10000		
CX26	1050	2000	Pietarsaari	1500	200	Magdeburg	1330	1500	Leipzig	785	120000	Milan	HIM	814	50000	
CX30	1130	500	Porl	OFD	749	500	Munich	1330	1500	Nurnberg	1267	2000	No. 2	1357	4000		
CX32	1170	500	Tampere	OFF	1420	1200	Stettin	1330	1500	Stuttgart	574	100000	Naples	HIN	1104	1500	
CX34	1220	250	Turku	OFH	527	13200	Trier	.....	1195	1500	LATVIA							
CX36	1250	250	FRANCE			Beziere	1429	2000	Madonna				1104	50000			
CX38	1290	250	Bordeaux	.....	1077	12000	Bourne mouth	.....	1285	1000	Riga	YLZ	583	15000			
CX40	1330	500	Grenoble	.....	1348	1000	Cardiff	WR	977	50000	NORWAY							
CX42	1370	1000	Lille	.....	1213	5000	Darenty	MR	767	25000	Aalesund	LKA	850	350				
CX44	1410	1000	Limoges	.....	895	500	Falkirk	SN	1050	50000	Bergen	LKB	850	1000				
CX46	1450	250	Lyons	YN	648	15000	London	LN	1149	50000	Bodo	LKD	1276	500					
CX48	1490	2500	Marseilles	RL	1393	5000	.....	LR	877	50000	Finnmark	LKI	845	10000				
Paysandu		CW40	1340	30	Montpellier	1339	5000	Fredrikstad				LKF	776	700				
Saite		CW44	1420	100	EUROPE			Hamar				LKH	519	700					
CW32		1180	250	AUSTRIA			Kristiansand				LKK	1276	500						
CW34		1220	250	Dornbirn	.....	1294	500	Notodden				LKN	1357	80				
CW36		1260	30	Graz	886	7000												
CW38		1300	30	Innsbruck	519	2000												
San Jose		CW41	1360	50	Klangenfurt	1294	500											
Tucumanambo		CW30	1140	Linx	1294	500											
CW46		1460	30	Salzburg	1348	500												
VENEZUELA		Caracas		YV1RC	960	5000													
		YV2BC		882	100														
		YV3BC		1200	1000														
		Maracaibo		YV17BMO	1153	500													
		Valencia		YV6RV	675	.....												

Oso		
LKO	1181	6000
Persgrund		
LKP	850	700
Rjukan		
LKR	1348	150
Stavanger		
LKS	1276	500
Tromsø		
LKM	1204	100
Tromsø		
.....	629	1200

POLAND

Cracow		
.....	986	2000
Katowice		
.....	758	12000
Lodz		
.....	1339	1700
Lwow		
.....	795	16000
Poznan		
.....	868	16000
Warsaw		
No. 2	1384	2000
Wlino		
.....	536	16000

PORTUGAL

Lisbon		
CTIAA	629	20000
CTIDH	1411	10
CTIDR	1386	.....
Oporto		
CTIRP	1220	.....
Parade		
CTIGL	1031	5000

ROUMANIA

Bucharest		
.....	823	12000

SPAIN

Barcelona		
EAJ1	795	5000
EAJ15	1022	3000
Madrid		
EAJ2	731	3000
EAJ7	1095	7000
Oviedo		
EAJ19	1022	700
San Sebastian		
EAJ8	1258	3000
Seville		
EAJ6	731	1500
Valencia		
EAJ3	850	1500

Spain has many stations of 100 watts or less on 1492 and 1500 kcs. For complete list see Index by Calls.

SWEDEN

Falun		
SCC	1086	2000
Goteborg		
SBB	941	10000
Herby		
SBH	1131	10000
Karlskrona		
SCJ	1530	200
Karlstad		
SCK	1312	250
Malmø		
SBC	1312	1250
Norrköping		
SCO	1312	250
Stockholm		
SBA	704	55000
Sundsvall		
SBD	601	10000
Trollhattan		
SCQ	1312	250

Swedish Common Wave 1402. See Index by Calls.

SWITZERLAND

Basle		
.....	1375	500
Berne		
.....	1375	500
Beromunster		
.....	556	100000
Monte Ceneri		
.....	1167	15000
Sottens		
.....	677	25000

U. S. S. R.

Alexandrevsk		
RW38	580	1200
Archangel		
RW36	662	10000
Astrakhan		
RW35	589	10000
Dnepropetrovsk		
RW30	913	10000
Elista		
RW32	671	2000
Engels		
RW55	959	1000
Frunze		
RW82	608	4000
Gomel		
RW40	959	1200
Gorki		
RW42	598	10000
Grznyl		
RW23	676	1200
Igarka		
RW85	635	2000
Ijevsk		
RW78	825	4000
Iochar-Ola		
RW61	888	1000
Ivanovo		
RW31	625	10000
Karaganda		
RW46	653	10000
RW46	686.5	1200
Kazan		
RW17	644	10000
Khar'kov		
RW20	1185	20000
Kiev		
RW9	722	36000
Krasnodar		
RW33	1050	10000
Leningrad		
RW70	1040	10000
Magnitogorsk		
.....	571	10000
Makhatch		
RW27	689	4000
Minsk		
RW10	1438	100000
Moskva		
RW39	832	100000
Mourmansk		
RW79	610	10000
Nalchik		
RW51	748.1	1200
Odessa		
RW69	968	3000
Oufa		
RW22	617	10000
Oukhta		
RW67	968	10000
Oust-Abakansk		
RW84	635	1200
Penza		
RW56	640	1200
Petrovavlovsk		
RW71	689	1200
Petrozavodsk		
RW29	648	10000

Saransk		
RW65	734	1000
Simferopol		
RW52	859	10000
RW73	725	10000
Stalingrad		
RW34	554	10000
Staline		
RW26	776	10000
Syktivkar		
RW41	563	1200
Tchoboksary		
RW74	680	1200
Tchobabinsk		
RW68	824	200
Tchernigov		
RW86	1013	10000
Tiraspol		
RW57	1068	10000
Tomsk		
RW48	645	1200
Vinnetsa		
RW75	1095	10000
Urdjenikidze		
RW64	752	10000
Vladivostok		
RW28	635	700
RW28	725	10000

YUGOSLAVIA

Belgrade		
.....	686	2500
Ljubljana		
.....	527	5000
Zagreb		
.....	1086	700

ASIA

CEYLON

Celombe		
VPB	700	1750

CHINA

Canton		
CAB	658	1000
XGOK	750	1000
Cha-hang		
XGKA	1140	15
Chang-Chow		
XWGT	1330	25
Che-tsang		
XGCK	990	30
Hangchow		
XGOD	977.5	1000
Hongkong		
ZBW	845	2500
Hong-nu		
XUXO	667	20
Kwangchow		
CMB	677	1000
Lo Yang		
XGOB	1090	250
Nan-chang		
XGOC	1130	500
Nanking		
XGOA	660	75000
Num-ling		
XGOE	1340	150
Peiping		
XNPP	937	1000
XOPP	952.3	100
Sang-yi		
XGTM	840	15
Shanghai		
FFZ	1400	250
XGCU	1140	100
XHHB	740	50
XHHC	780	50
XHHD	860	50
XHHE	940	100
XHFF	960	100
XHHG	1020	100
XHHH	1040	100
XHHI	900	100

XHHJ	1080	80
XHHK	1420	100
XHHM	1180	100
XHHN	1200	100
XHHP	1260	100
XHHR	1340	50
XHHS	1100	150
XHHU	1160	100
XHHV	880	100
XHHX	920	1000
XHHY	1240	100
XLHB	560	600
XLHC	720	15
XLHD	720	30
XLHE	1380	75
XLHJ	760	50
XLHL	800	30
XLHM	1120	50
XLHN	1120	50
XMHA	600	600
XMHC	700	500
XMMD	980	500
XQHA	580	250
XQHB	820	100
XQHC	1300	400
XQHD	1360	200
XQHE	1460	250
Sing Deh		
XGOH	750	500

Soechow		
XGLS	1230	100
Tientsin		
XOTN	625	500
Tsang Tsai		
XTOY	625	500
Tainan		
XOST	855	500
Wu-hu		
XDYF	1270	150
Wuzh		
XLTC	1210	15
XLWT	1310	50
Yunnan		
XGOY	855	500

FORMOSA

Taiheku		
JFAK	670	10000
Tainan		
JFBK	720	1000

INDIA

Bombay		
VUB	830	3000
Calcutta		
VUC	810	3000
Lahore		
VUL	882	100
Madras		
VUM	770	200

INDO-CHINA

Salgon		
F31GD	840	12000

JAPAN

Akita		
JOUK	645	300
Asahikawa		
JOCG	655	300
Fukui		
JOFG	990	500
Fukuoka		
JOLK	680	500
Hakodate		
JOVK	680	500
Hiamatsuu		
JODG	635	300
Hiroshima		
JOFK	850	10000
Kanazawa		
JOJK	710	3000
Kochi		
JORK	720	500
Kokura		
JOSK	735	1000

Kumamoto		
JOGK	790	10000
Kyoto		
JOOK	960	300
Maebashi		
JOBG	970	500
Matsuyoe		
JOTK	625	500
Nagano		
JONK	940	500
Nagasaki		
JOAG	930	500
Nagoya		
JOCK-1	810	10000
JOCK-2	1175	10000
Nilgata		
JOJK	920	500
Okayama		
JOKK	700	500
Osaka		
JOBK-1	750	10000
JOBK-2	1085	10000
Sapporo		
JOJK	830	10000
Sendai		
JOHK	770	10000
Shizuoka		
JOPK	780	500
Tokushima		
JOXK	980	500
Tokyo		
JOAK-1	870	10000
JOAK-2	590	10000
KOREA		
Kojo		
JODK-1	900	10000
JODK-2	610	10000
MANCHURIA		
Dairen		
JOAK	652	500
Harbin		
MOHB	674	1000
MTFY	674	1000
Hoten		
ZILY	900	2000
Hsinking		
MTCY	570	1000
Mukden		
MTBY	890	2000
SIAM		
Bangkok		
HSPI	857	2500
HS7PJ	882	.....
AFRICA		
ALGERIA		
Aigiers		
.....	941	12000
EGYPT		
Alexandria		
.....	1120	.....
Cairo		
.....	620	20000

KENYA		
Nairobi		
VQ7LO	858	600
MOROCCO		
Casablanca		
CNO	983	25
Rabat		
CNR	601	6500
SOUTH RHODESIA		
Salisbury		
.....	681.8	1500
TUNISIA		
Tunis		
TUA	1275	500
UNION S. AFRICA		
Bloemfontaine		
ZTB	806.6	500
Cape Town		
ZTC	600	10000
Durban		
ZTD	723	1000
Johannesburg		
ZTJ	645	10000
Proterria		
ZTP	952	500

OCEANIA

AUSTRALIA		
Adelaide		
5AD	1310	300
5CL	730	2000
5DN	960	300
5KA	1200	300
Aibury		
2AY	1480	50
Ayr		
4AY	980	100
Ballarat		
3BA	1300	50
Bendigo		
3BO	970	200
Brisbane		
4BC	1145	750
4BH	1380	600
4BK	1290	200
4QG	760	2500
Broken Hill		
2BH	1360	100
Bunbury		
6BY	980	50
Canberra		
2CA	1050	50
Corowa		
2CO	560	7500
Crystal Brook		
5CK	635	7500
5PI	1040	2000
Geelong		
3GL	1400	50
Goulburn		
2GN	1390	100

Grafton		
2GF	1220	50
Gunnedah		
2MO	1320	50
Hamilton		
3HA	1010	300
Hebart		
7HO	890	50
7ZL	580	1000
Hersham		
3HS	1370	50
Kalgeerie		
6KG	1220	100
Launceston		
7LA	1100	300
Lismore		
2XN	1340	50
Mackay		
4MK	1190	100
Maryborough		
4MB	1060	50
Melbourne		
3AK	1500	50
3AR	610	4500
3AW	1425	600
3DB	1180	600
3KZ	1350	600
3LO	800	3500
3UZ	930	600
3YB	1060	25
Murray Bridge		
5MU	1460	100
Mildura		
3MA	900	50
Newcastle		
2HD	1110	500
2KO	1415	500
2NC	1245	2000
Northam		
6AM	1090	500
Perth		
6IX	1470	300
6ML	1135	300
6PR	880	500
6WF	690	3500
Reckhampton		
4RK	910	2000
4RO	1330	50
Sale		
3TR	1280	250
Swan Hill		
3SH	1080	50
Sydney		
2BL	855	3000
2CH	1210	1000
2FC	665	3500
2GB	950	1000
2KY	1070	1000
2SM	1270	1000
2UE	1025	1000
2UW	1125	750
Toowoomba		
4GR	1000	50

Townsville		
4TO	1170	200
Ulverstone		
7UV	1460	500
Wagga		
2WG	1155	50
Wangaratta		
3WR	1260	50
Wollongong		
2WL	1435	50
NEW ZEALAND		
Auckland		
1YA	650	500
1YX	880	150
1ZB	1090	200
1ZJ	1310	50
Balclutha		
4ZR	1340	5
Christchurch		
3YA	720	2500
3YL	1200	500
3ZM	1470	100
Cromwell		
4ZC	1280	7
Dunedin		
4YA	790	500
4YO	1140	125
4ZB	1050	70
4ZL	1220	100
4ZM	1050	100
4ZO	1050	25
4ZW	1450	50
Gisborne		
2ZJ	980	250
2ZM	1150	17
Greymouth		
3ZE	1300	35
3ZR	940	400
Hamilton		
1ZH	770	40
Hastings		
2ZL	1240	50
Invercargill		
4ZP	620	500
Manurewa		
1ZM	1260	50
Masterton		
2ZL	1170	8
Napier		
2ZH	820	65
Neison		
2ZR	1360	50
New Plymouth		
2YB	750	100
Palmeosten N.		
2ZF	960	250
2ZO	1400	100
Waires		
2ZP	900	105
Wellington		
2YA	570	5000
2YC	840	200

INDEX BY CALL LETTERS

CAE	Canton, Ch.	658	CE94	Santiago, Chi.	945	CE121	Vina del Mnr, Chi.	1210
CE58	Santiago, Chi.	585	CE98	Santiago, Chi.	985	CE122	Santiago, Chi.	1220
CE62	Santiago, Chi.	625	CE102	Santiago, Chi.	1020	CE124	Concepcion, Chi.	1245
CE66	Santiago, Chi.	665	CE103	Valdivia, Chi.	1380	CE125	Valparaise, Chi.	1285
CE70	Santiago, Chi.	705	CE104	Magallanes, Chi.	1040	CE126	Santiago, Chi.	1280
CE74	Santiago, Chi.	745	CE106	Santiago, Chi.	1065	CE128	Temuco, Chi.	1285
CE76	Valparaise, Chi.	760	CE107	Santiago, Chi.	1075	CE130	Santiago, Chi.	1305
CE78	Santiago, Chi.	785	CE109	Valparaise, Chi.	1090	CE131	Santiago, Chi.	1315
CE81	Valparaise, Chi.	805	CE110	Santiago, Chi.	1105	CE132	Rancagua, Chi.	1325
CE82	Santiago, Chi.	825	CE111	Osorno, Chi.	1115	CE133	Osorno, Chi.	1335
CE86	Santiago, Chi.	865	CE114	Santiago, Chi.	1145	CE134	Santiago, Chi.	1345
CE88	Valparaise, Chi.	885	CE115	Talca, Chi.	1155	CE138	Santiago, Chi.	1380
CE90	Santiago, Chi.	905	CE117	Valparaise, Chi.	1170	CE139	Rancagua, Chi.	1390
CE92	Temuco, Chi.	920	CE120	Curico, Chi.	1205	CE141	Concepcion, Chi.	1410

CE142	Santiago, Chi.	1425	CMCJ	Havana, Cuba	1200	CX32	Montivideo, Uru.	1170
CE143	Magallanes, Chi.	1430	CMCK	Havana, Cuba	1320	CX34	Montivideo, Uru.	1210
CE145	Rancagua, Chi.	1450	CMCM	Havana, Cuba	1405	CX36	Montivideo, Uru.	1250
CE146	Santiago, Chi.	1465	CMCN	Havana, Cuba	1500	CX38	Montivideo, Uru.	1290
CFAC	Calgary, Alta.	930	CMCO	Havana, Cuba	1280	CX40	Montivideo, Uru.	1330
CFCC	Montreal, Que.	600	CMCP	Havana, Cuba	1270	CX42	Montivideo, Uru.	1370
CFCH	North Bay, Ont.	930	CMCQ	Havana, Cuba	1450	CX44	Montivideo, Uru.	1410
CFCN	Calgary, Alta.	1030	CMCR	Havana, Cuba	1400	CX46	Montivideo, Uru.	1450
CFCO	Chatham, Ont.	600	CMCU	Havana, Cuba	1255	CX48	Montivideo, Uru.	1490
CFCT	Victoria, B. C.	1450	CMCV	Havana, Cuba	536	EAJ1	Barcelona, Sp.	795
CFCY	Charlottetown, P.E.I.	630	CMCW	Havana, Cuba	1316	EAJ2	Madrid, Sp.	731
CFJC	Kamloops, B. C.	880	CMGE	Matanzas, Cuba	1375	EAJ3	Valencia, Sp.	850
CFCL	Prescott, Ont.	930	CMGF	Matanzas, Cuba	971.5	EAJ6	Seville, Sp.	731
CFNB	Fredrickton, N. B.	550	CMGH	Matanzas, Cuba	1040	EAJ6	Pampeluna, Sp.	1492
CFPL	London, Ont.	730	CMGI	Colon, Cuba	1094	EAJ7	Madrid, Sp.	1095
CFQC	Saskatoon, Sask.	840	CMHA	Sagua la Grande, Cuba	1103	EAJ8	San Sebastian, Sp.	1258
CFRB	Toronto, Ont.	690	CMHB	San Spiritus, Cuba	1245	EAJ9	Malaga, Sp.	1492
CFRC	Kingston, Ont.	1510	CMHD	Calbarien, Cuba	950	EAJ10	Saragosa, Sp.	1492
CFTP	Edmonton, Alta.	1260	CMHI	Santa Clara, Cuba	1037	EAJ11	Tarragona, Sp.	1500
CHAB	Moose Jaw, Sask.	1200	CMHJ	Cienfuegos, Cuba	1125	EAJ12	Alcoy, Sp.	1492
CHCK	Charlottetown, P.E.I.	1310	CMHK	Cruces, Cuba	1225	EAJ13	Palma de Mjrca, Sp.	1492
CHGS	Summerside, P.E.I.	1500	CMHW	Cienfuegos, Cuba	910	EAJ14	Castillon, Sp.	1500
CHLP	Montreal, Que.	1120	CMJC	Camaguey, Cuba	1382	EAJ15	Barcelona, Sp.	1022
CHML	Hamilton, Ont.	1010	CMJE	Camaguey, Cuba	1170	EAJ16	Grenada, Sp.	1492
CHNC	New Carlisle, Que.	1210	CMJF	Camaguey, Cuba	930	EAJ17	Morcia, Sp.	1492
CHNS	Halifax, N. S.	930	CMJG	Camaguey, Cuba	1050	EAJ19	Oviedo, Sp.	1022
CHRC	Quebec, Que.	580	CMJH	Ciego de Avila, Cuba	1150	EAJ20	Sabadell, Sp.	1492
CHSJ	St. John, N. B.	1120	CMJI	Ciego de Avila, Cuba	1210	EAJ21	Mellilla, Sp.	1492
CHWC	Regina, Sask.	1010	CMJK	Camaguey, Cuba	790	EAJ23	Gandia, Sp.	1492
CHWK	Chilliwack, B. C.	780	CMJL	Camaguey, Cuba	960	EAJ24	Cordoba, Sp.	1492
CJAT	Trall, B. C.	910	CMJO	Ciego de Avila, Cuba	1010	EAJ25	Tarrasa, Sp.	1500
CJCA	Edmonton, Alta.	730	CMJP	Moron, Cuba	1360	EAJ26	Antequerra, Sp.	1500
CJCB	Sydney, N. S.	1240	CMK	Havana, Cuba	725	EAJ27	Burgos, Sp.	1492
CJCC	Calgary, Alta.	690	CMKC	Santiago, Cuba	1034	EAJ29	Alcala de Mrs., Sp.	1500
CJCS	Sudbury, Ont.	780	CMKF	Holguin, Cuba	1363	EAJ30	Ontienente, Sp.	1500
CJGX	Yerkton, Sask.	630	CMKG	Guantanamo, Cuba	1300	EAJ31	Alicante, Sp.	1492
CJIC	S. Ste. Marie, Ont.	890	CMKM	Manzanillo, Cuba	940	EAJ32	Santander, Sp.	1500
CJJK	Kirkland Lake, Ont.	1310	CMQ	Havana, Cuba	830	EAJ33	Tarragona, Sp.	1492
CJLS	Yarmouth, N. S.	1310	CMW	Havana, Cuba	930	EAJ34	Gijon, Sp.	1492
CJOC	Lethbridge, Alta.	1230	CMX	Havana, Cuba	765	EAJ35	Villanava, Sp.	1500
CJOR	Vancouver, B. C.	600	CNO	Casablanca, Mor.	983	EAJ36	Jatiba, Sp.	1500
CJRC	Winnipeg, Man.	1390	CNR	Rabat, Mor.	601	EAJ37	Linares, Sp.	1500
CJRM	Moose Jaw, Sask.	540	COA	Havana, Cuba	1175	EAJ38	Gerona, Sp.	1500
CKAC	Montreal, Que.	730	COK	Havana, Cuba	1150	EAJ39	Badalona, Sp.	1492
CKBI	Prince Albert, Sask.	1210	COX	Havana, Cuba	1100	EAJ40	Povedra, Sp.	1500
CKCD	Vancouver, B. C.	1010	CPX	La Paz, Bol.	1250	EAJ41	La Corogna, Sp.	1492
CKCH	Hull, Que.	1210	CP4	La Paz, Bol.	1040	EAJ42	Lloida, Sp.	1492
CKCK	Regina, Sask.	1010	CRCK	Quebec, Que.	1050	EAJ43	Santa Crus de Trnr., Sp.	1492
CKCL	Toronto, Ont.	580	CRCM	Montreal, Que.	910	EAJ44	Albaceta, Sp.	1492
CKCO	Ottawa, Ont.	1010	CRCO	Ottawa, Ont.	880	EAJ45	Senia, Sp.	1500
CKCR	Waterloo, Ont.	1510	CRCS	Cnicoutimi, Que.	950	EAJ46	Ceuta, Sp.	1492
CKCV	Quebec, Que.	1310	CRCT	Toronto, Ont.	840	EAJ47	Valladolid, Sp.	1492
CKCW	Moncton, N. B.	1370	CRCV	Vancouver, B. C.	1100	EAJ48	Povedra, Sp.	1492
CKCX	Vancouver, B. C.	1410	CT1AA	Lisbon, Por.	629	EAJ49	Toledo, Sp.	1500
CKGB	Timmins, Ont.	1420	CT1DH	Lisbon, Por.	1411	EAJ50	Las Palmas, Sp.	1500
CKIC	Wolfville, N. S.	1010	CT1DR	Lisbon, Por.	1386	EAJ51	Manresa, Sp.	1492
CKLW	Windsor, Ont.	1030	CT1GL	Pared, Por.	1031	EAJ52	Badajoz, Sp.	1492
CKMO	Cobalt, Ont.	1210	CT1RP	Oporto, Por.	1220	EAJ53	Eicho, Sp.	1492
CKMC	Vancouver, B. C.	1410	CW30	Tucaremba, Uru.	1140	EAJ55	Algeciras, Sp.	1492
CKNC	Toronto, Ont.	1420	CW32	Saito, Uru.	1180	FFZ	Shanghai, Chn.	1400
CKOC	Hamilton, Ont.	1120	CW34	Saito, Uru.	1220	FQN	St. Pierre, Mliq.	639
CKOV	Kelowna, B. C.	930	CW36	Saito, Uru.	1260	F8GC	Paris, F.	810
CKPC	Brantford, Ont.	630	CW38	Saito, Uru.	1300	F31CD	Saigon, Indo.	840
CKPR	Fort William, Ont.	930	CW39	Florida, Uru.	1320	HA6	Nyiregyhaza, Hun.	1122
CKTB	St. Catharines, Ont.	1200	CW40	Paysandu, Uru.	1340	HA2	Magyarvar, Hun.	1438
CKUA	Edmonton, Alta.	580	CW41	San Jose, Uru.	1360	HA3	Miskolc, Hun.	1438
CKWX	Vancouver, B. C.	1010	CW42	Artigas, Uru.	1380	HA5	Pecs, Hun.	1465
CKX	Brandon, Man.	1450	CW43	Melo, Uru.	1409	HAL	Budapest, Hun.	546
CKY	Winnipeg, Man.	960	CW44	Paysandu, Uru.	1420	HAL2	Budapest, Hun.	1321
CMAF	Havana, Cuba	680	CW46	Tucaremba, Uru.	1460	HHK	Port-au-Prince, HaHi	920
CMB	Kwangchow, Chn.	677	CW47	Canelones, Uru.	1480	HHH	San Pedro de M., D. R.	1395
CMBC	Havana, Cuba	1040	CX4	Montivideo, Uru.	610	HHJ	Santo Domingo, D. R.	1195
CMBD	Havana, Cuba	1350	CX6	Montivideo, Uru.	650	HHX	Santo Domingo, D. R.	1270
CMBG	Havana, Cuba	1375	CX8	Montivideo, Uru.	690	HHZ	Santo Domingo, D. R.	1300
CMBS	Havana, Cuba	915	CX10	Montivideo, Uru.	730	HJN	Bogota, Colombia	681
CMBX	Havana, Cuba	1425	CX12	Montivideo, Uru.	770	HJ3ABD	Bogota, Colombia	1115
CMBY	Havana, Cuba	635	CX14	Montivideo, Uru.	810	HJ3ABE	Bogota, Colombia	1200
CMBZ	Havana, Cuba	1095	CX16	Montivideo, Uru.	850	HJ3ABH	Bogota, Colombia	1000
CMC	Havana, Cuba	835	CX18	Montivideo, Uru.	890	HSP1	Bangkok, Siam	857
CMCA	Havana, Cuba	1230	CX20	Montivideo, Uru.	930	HSPJ	Bangkok, Siam	882
CMCB	Havana, Cuba	1060	CX22	Montivideo, Uru.	970	HBA	Bari, I.	1959
CMCD	Havana, Cuba	955	CX24	Montivideo, Uru.	1010	H1BZ	Boizano, I.	536
CMCF	Havana, Cuba	610	CX26	Montivideo, Uru.	1050	H1FI	Frenze, I.	609
CMCG	Havana, Cuba	1475	CX30	Montivideo, Uru.	1130	H1GE	Genea, I.	806

11MI	Milan, I.	814	KFPY	Spokane, Wash.	1340	KMJ	Fresno, Calif.	580
11NA	Naples, I.	1104	KFQD	Anchorage, Alaska	780	KMLB	Monroe, La.	1200
11PA	Palermo, I.	565	KFRS	San Francisco, Calif.	610	KMMJ	Clay Center, Neb.	740
11RO	Rome, I.	713	KFRU	Columbia, Mo.	630	KMO	Tacoma, Wash.	1330
11TO	Turin, I.	1140	KFSD	San Diego, Calif.	600	KMOX	St. Louis, Mo.	1090
11TR	Trieste, I.	1222	KFSG	Los Angeles, Calif.	1120	KMPF	Beverly Hills, Calif.	710
JFAK	Taihoku, For.	670	KFUO	St. Louis, Mo.	550	KMTR	Hollywood, Calif.	570
JFBK	Tainan, For.	720	KFVD	Los Angeles, Calif.	1000	KNOW	Austin, Texas	1500
JOAG	Nagasaki, J.	930	KFVS	Cape Girardeau, Mo.	1210	KNX	Hollywood, Calif.	1050
JOAK-1	Tokyo, J.	870	KFWB	Hollywood, Calif.	950	KOA	Denver, Colo.	830
JOAK-2	Tokyo, J.	590	KFXD	Nampa, Idaho	1200	KOAC	Corvallis, Ore.	550
JOBG	Maebashi, J.	970	KFXJ	Grand Jct., Colo.	1200	KOB	Albuquerque, N. M.	1180
JOBK-1	Osaka, J.	750	KFXM	San Bernardino, Calif.	1210	KOH	Reno, Nev.	1380
JOBK-2	Osaka, J.	1085	KFXR	Oklahoma City, Okla.	1310	KOIL	Concord Bluffs, Iowa	1260
JOCG	Asahikawa, J.	655	KFYO	Lubbock, Texas	1310	KOIN	Portland, Ore.	940
JOCK-1	Nagoya, J.	810	KFYR	Bismarck, N. D.	550	KOL	Seattle, Wash.	1270
JOCK-2	Nagoya, J.	1175	KGA	Spokane, Wash.	900	KOMA	Oklahoma City, Okla.	1480
JODG	Haramatsu, J.	635	KGAR	Tucson, Ariz.	1370	KOMO	Seattle, Wash.	920
JODK-1	Keijo, Ko.	900	KGB	San Diego, Calif.	1330	KONO	San Antonio, Texas	1370
JODK-2	Keijo, Ko.	610	KGBU	Ketchikan, Alaska	900	KOOS	Marshfield, Ore.	1200
JOFG	Fukui, J.	990	KGBX	Springfield, Mo.	1310	KORE	Eugene, Ore.	1420
JOFK	Hiroshima, J.	850	KGBZ	York, Neb.	930	KOTN	Pine Bluff, Ark.	1500
JOJG	Kumamoto, J.	790	KGCA	Decatur, Iowa	1270	KOY	Phoenix, Ariz.	1390
JOJH	Sendai, J.	770	KGCU	Madison, N. D.	1240	KPAC	Port Arthur, Tex.	1260
JOJK	Sapporo, J.	830	KGCX	Wolf Point, Mont.	1310	KPCB	Seattle, Wash.	710
JOJK	Kanazawa, J.	710	KGDE	Fergus Falls, Minn.	1200	KPJM	Prescott, Ariz.	1500
JOJK	Okayama, J.	700	KGDM	Stockton, Calif.	1100	KPO	San Francisco, Calif.	680
JOLK	Fukuoka, J.	680	KGDY	Huron, S. D.	1340	KPOF	Denver, Colo.	880
JONK	Nagano, J.	940	KGEG	Sterling, Colo.	1200	KPPC	Pasadena, Calif.	1210
JOOK	Kyoto, J.	960	KGER	Long Beach, Calif.	1360	KPQ	Wenatchee, Wash.	1500
JOPK	Shizuoka, J.	780	KGEE	Kalispell, Mont.	1310	KPRC	Houston, Texas	920
JOJQ	Niigata, J.	920	KGFF	Shawnee, Okla.	1420	KQV	Pittsburgh, Pa.	1380
JORK	Kochi, J.	720	KGFG	Oklahoma City, Okla.	1370	KQW	San Jose, Calif.	1010
JOSK	Kokura, J.	735	KGFI	Corpus Christi, Texas	1500	KRE	Berkeley, Calif.	1370
JOTK	Matsuy, J.	625	KGFI	Los Angeles, Calif.	1200	KREG	Santa Ana, Calif.	1590
JOUK	Akita, J.	645	KGFK	Moorhead, Minn.	1500	KRGV	Weslaco, Texas	1260
JOVK	Hakodate, J.	680	KGFL	Roswell, N. M.	1370	KRKO	Los Angeles, Calif.	1120
JOXK	Tokushima, J.	980	KGFV	Kearney, Neb.	1310	KRKO	Everett, Wash.	1370
JQAK	Dairen, Mnch.	650	KGFX	Pierre, S. D.	630	KRLD	Dallas, Texas	1040
KABC	San Antonio, Texas	1420	KGFC	San Francisco, Calif.	1420	KRMD	Shreveport, La.	1310
KADA	Ada, Okla.	1200	KGCG	Coffeyville, Kans.	1010	KROW	Oakland, Calif.	930
KALE	Portland, Ore.	1300	KGCM	Albuquerque, N. M.	1230	KRSW	Seattle, Wash.	1120
KARK	Little Rock, Ark.	890	KGHF	Pueblo, Colo.	1320	KSAC	Manhattan, Kans.	580
KASA	Eik City, Okla.	1210	KGHL	Little Rock, Ark.	1200	KSCJ	Sioux City, Iowa	1330
KBPS	Portland, Ore.	1420	KGIR	Billings, Mont.	780	KSD	St. Louis, Mo.	500
KBTM	Jonesboro, Ark.	1200	KGIR	Butte, Mont.	1360	KSEI	Pocatello, Idaho	950
KCMC	Texarkana, Ark.	1420	KGIW	Alamosa, Colo.	1420	KSL	Salt Lake City, Utah	1130
KCRC	Enid, Okla.	1370	KGIX	Las Vegas, Nev.	1420	KSLM	Salem, Ore.	1370
KCRJ	Jerome, Ariz.	1310	KGIB	Tyler, Texas	1500	KSO	Des Moines, Iowa	1320
KDB	Santa Barbara, Calif.	1500	KGIL	San Angelo, Texas	1370	KSOO	Sioux Falls, S. D.	1110
KDFN	Casper, Wyo.	1440	KGIO	Wichita Falls, Texas	570	KSTP	St. Paul, Minn.	1460
KDKA	Pittsburgh, Pa.	900	KGKY	Scottsbluff, Neb.	1500	KSNL	Lowell, Ariz.	1200
KDLR	Devils Lake, N. D.	1210	KGMB	Honolulu, T. H.	1320	KTAB	San Francisco, Calif.	560
KDYL	Salt Lake City, Utah	1290	KGNF	North Platte, Neb.	1430	KTAR	Phoenix, Ariz.	620
KECA	Los Angeles, Calif.	1430	KGNO	Dodge City, Kans.	1340	KTAT	Fort Worth, Texas	1240
KELW	Burbank, Calif.	780	KGO	San Francisco, Calif.	790	KTBS	Shreveport, La.	1450
KERN	Bakersfield, Calif.	1370	KGPR	Amarillo, Texas	1450	KTFI	Twin Falls, Idaho	1240
KEX	Portland, Ore.	1180	KGU	Honolulu, T. H.	750	KTHS	Hot Springs, Ark.	1080
KFAB	Lincoln, Neb.	770	KGVO	Missoula, Mont.	1200	KTM	Los Angeles, Calif.	780
KFAC	Los Angeles, Calif.	1300	KGW	Portland, Ore.	620	KTRB	Modesto, Calif.	740
KFBB	Great Falls, Mont.	1280	KGY	Olympia, Wash.	1210	KTRH	Houston, Texas	1330
KFBI	Ablene, Kans.	1050	KHJ	Los Angeles, Calif.	900	KTSA	San Antonio, Texas	550
KFBI	Sacramento, Calif.	1310	KHQ	Spokane, Wash.	590	KTSM	El Paso, Texas	1310
KFDM	Beaumont, Texas	560	KICA	Clovis, N. M.	1370	KTUL	Tulsa, Okla.	1400
KFDY	Brookings, S. D.	780	KID	Idaho Falls, Idaho	1320	KTW	Seattle, Wash.	1220
KFEQ	St. Joseph, Mo.	680	KIDJ	Boise, Idaho	1350	KUJ	Walla Walla, Wash.	1370
KFGQ	Boone, Iowa	1370	KIDW	Lamar, Colo.	1420	KUMA	Yuma, Ariz.	1420
KFH	Wichita, Kans.	1300	KIEW	Eureka, Calif.	1210	KUOA	Fayetteville, Ark.	1260
KFI	Los Angeles, Calif.	640	KIEV	Glendale, Calif.	850	KUSD	Vermillion, S. D.	890
KFIO	Spokane, Wash.	1120	KIT	Yakima, Wash.	1310	KVI	Tacoma, Wash.	570
KFIZ	Fond du Lac, Wis.	1420	KJBS	San Francisco, Calif.	1070	KVL	Seattle, Wash.	1370
KFJB	Marshalltown, Iowa	1200	KJR	Seattle, Wash.	970	KVOA	Tucson, Ariz.	1260
KFJJ	Klamath Falls, Ore.	1210	KLCN	Blytheville, Ark.	1290	KVOD	Denver, Colo.	920
KFJM	Grand Forks, N. D.	1370	KLO	Ogden, Utah	1400	KVOO	Tulsa, Okla.	1140
KFJR	Portland, Ore.	1300	KLPM	Minot, N. D.	1240	KVOR	Colorado Sprs., Colo.	1270
KFJZ	Fort Worth, Texas	1370	KLRA	Little Rock, Ark.	1390	KVOS	Bellingham, Wash.	1200
KFKA	Lawley, Colo.	880	KLS	Oakland, Calif.	1440	KWCR	Cedar Rapids, Iowa	1430
KFKU	Greene, Kans.	1228	KLUF	Galveston, Texas	1370	KWEA	Shreveport, La.	1210
KFNF	Shenandoah, Iowa	890	KLX	Oakland, Calif.	880	KWFW	Hilo, Hawaii	1210
KFOR	Lincoln, Neb.	1218	KLZ	Denver, Colo.	560	KWG	Stockton, Calif.	1200
KFOX	Long Beach, Calif.	1250	KMA	Shenandoah, Iowa	930	KWJJ	Portland, Ore.	1040
KFPL	Dublin, Texas	1310	KMAC	San Antonio, Texas	1370	KWK	St. Louis, Mo.	1350
KPFM	Greenville, Texas	1310	KMBC	Kansas City, Mo.	950	KWKC	Kansas City, Mo.	1370
KFPW	Fort Smith, Ark.	1210	KMED	Medford, Ore.	1310	KWKH	Shreveport, La.	1100

KWLC	Decorah, Iowa	1278	PRB2	Curitiba, Brz.	882	SCQ	Troldhattan, Swe.	1312
KWSC	Pullman, Wash.	1229	PRB3	Juiz de Fora, Brz.	857	SCR	Udevalia, Swe.	1462
KWTN	Watertown, S. D.	1218	PRB4	Santos, Brz.	1000	SCS	Umua, Swe.	1482
KWTO	Springfield, Me.	560	PRB5	Sao Paulo, Brz.	1110	SCT	Uppsala, Swe.	1482
KWYO	Sheridan, Wyo.	1370	PRB7	Rio de Janeiro, Brz.	800	SCU	Varberg, Swe.	1240
KXA	Seattle, Wash.	760	PRB8	Mogy das Cruzes, Brz.	1000	SCV	Ornskoldsvik, Swe.	1482
KXL	Portland, Ore.	1420	PRB9	Sao Paulo, Brz.	1017	SCW	Ornskoldsvik, Swe.	1482
KXO	EI Centro, Calif.	1500	PRC3	Polatos, Brz.	920	SPTT	Strasbourg, F.	855
KXRO	Aberdeen, Wash.	1310	PRC4	Amparo, Brz.	1304	TGW	Guatemala, Gua.	569
KXYZ	Houston, Texas	1440	PRC5	Belem, Brz.	1360	TGX	Guatemala City	1400
KYA	San Francisco, Calif.	1230	PRC6	Rio de Janeiro, Brz.	965	TIGR	San Jose, C. R.	912
KYW	Chicago, Ill.	1020	PRC7	Bello Horizonte, Brz.	1090	TIEA	San Jose, C. R.	833
KZEG	Manila, P. I.	720	PRD2	Sao Paulo, Brz.	935	TIEP	San Jose, C. R.	1450
KZRM	Manila, P. I.	618.5	PRG2	Porto Alegre, Brz.	1090	TIFB	San Jose, C. R.	714
LKA	Aalesund, Nor.	850	RDN	San Salvador, E. S.	680	TIFS	Cartago, C. R.	1441
LKB	Bergen, Nor.	850	RW9	Kiev, USSR.	722	TIGA	Cartago, C. R.	1014
LKD	Bodo, Nor.	1276	RW10	Minsk, USSR.	722	TIGP	San Jose, C. R.	800
LKF	Fredrikstad, Nor.	776	RW17	Kazan, USSR.	644	TIRCA	San Jose, C. R.	1100
LKH	Hamar, Nor.	619	RW20	Kharov, USSR.	1185	TISO	San Jose, C. R.	550
LKI	Finnmark, Nor.	845	RW22	Oufa, USSR.	676	TITV	San Jose, C. R.	999
LKK	Kristiansand, Nor.	1276	RW23	Groznyl, USSR.	617	TIVL	San Jose, C. R.	835
LKM	Tromsoe, Nor.	1204	RW26	Stallno, USSR.	672	TIXA	San Jose, C. R.	1214
LKN	Notodden, Nor.	1357	RW27	Makhatch, USSR.	689	TUA	Tunis, Tun.	634
LKO	Oslo, Nor.	1181	RW28	Vladivostok, USSR.	635	VA5	Glace Bay, N. S.	685
LKP	Porsgrund, Nor.	850	RW28	Vladivostok, USSR.	725	VE9EK	Montmagny, Que.	1195
LKR	Rjukan, Nor.	1348	RW29	Petrozavodsk, USSR.	648	VOAC	St. John's, N. F.	1300
LKS	Stavanger, Nor.	1276	RW30	Dnepropetrovsk, USSR.	913	VOAS	St. John's, N. F.	940
LR2	Buenos Aires, Arg.	910	RW31	Ivanovo, USSR.	625	VOGY	St. John's, N. F.	840
LR3	Buenos Aires, Arg.	950	RW32	Elista, USSR.	671	VONF	St. John's, N. F.	950
LR4	Buenos Aires, Arg.	990	RW33	Krasnodar, USSR.	1050	VOWR	St. John's, N. F.	681
LR5	Buenos Aires, Arg.	830	RW34	Stalingrad, USSR.	1554	VPB	Colombo, Cey.	790
LR6	Buenos Aires, Arg.	870	RW35	Astrakhan, USSR.	589	VQ7LO	Nairobi, Ken.	858
LR8	Buenos Aires, Arg.	1150	RW36	Archangel, USSR.	662	VUB	Bombay, Ind.	855
LR9	Buenos Aires, Arg.	1030	RW38	Alexandrovsk, USSR.	580	VUC	Calcutta, In.	810
LR10	Buenos Aires, Arg.	790	RW39	Moskva Stallna, USSR.	832	VUL	Lahore, In.	1200
LS2	Buenos Aires, Arg.	1190	RW40	Gomel, USSR.	959	VUM	Madras, In.	770
LS3	Buenos Aires, Arg.	630	RW41	Sykytykar, USSR.	583	WAAB	Boston, Mass.	1410
LS4	Buenos Aires, Arg.	670	RW42	Gorki, USSR.	590	WAAT	Chicago, Ill.	920
LS5	Buenos Aires, Arg.	1110	RW46	Karaganda, USSR.	653	WAAT	Jersey City, N. J.	940
LS6	Buenos Aires, Arg.	1350	RW46	Karaganda, USSR.	686.5	WAAW	Omaha, Neb.	660
LS8	Buenos Aires, Arg.	1230	RW48	Toms, USSR.	645	WABC	New York, N. Y.	860
LS9	Buenos Aires, Arg.	1270	RW51	Naltchik, USSR.	748.1	WABI	Banger, Maine	1200
LS10	Buenos Aires, Arg.	590	RW52	Simferopol, USSR.	859	WACO	Waco, Texas	1420
LT1	Rosario, Arg.	780	RW55	Engels, USSR.	950	WADC	Akron, Ohio	1320
LT3	Rosario, Arg.	1080	RW56	Penza, USSR.	640	WAGF	Dothan, Ala.	1470
LT5	Resistencia, Arg.	1300	RW57	Tiraspol, USSR.	1060	WAGM	Presque Isle, Me.	640
LT8	Rosario, Arg.	840	RW61	Iochar-Ola, USSR.	688	WAIU	Columbus, Ohio	1420
LU2	Bahia Blanca, Arg.	800	RW64	Urdjonikidze, USSR.	752	WALA	Mobile, Ala.	1380
LU7	Bahia Blanca, Arg.	1280	RW65	Saransk, USSR.	734	WALR	Zanesville, Ohio	1200
LV1	San Juan, Arg.	620	RW67	Oukhta, USSR.	968	WAML	Laurel, Miss.	1310
LV2	Cordeba, Arg.	880	RW68	Tchellabinsk, USSR.	824	WAPI	Birmingham, Ala.	1140
LV5	San Juan, Arg.	1120	RW69	Odessa, USSR.	968	WARD	Brooklyn, N. Y.	1400
LV7	Tucuman, Arg.	820	RW70	Leningrad, USSR.	1040	WASH	Grand Rapids, Mich.	1270
LV9	Salta, Arg.	900	RW71	Petropavlovsk, USSR.	689	WATR	Waterbury, Conn.	1190
LV10	Mendoza, Arg.	860	RW73	Simferopol, USSR.	725	WAVE	Louisville, Ky.	940
MOHB	Harbin, Mnch.	674	RW74	Tcheboksary, USSR.	680	WAWZ	Zarophath, N. J.	1350
MTBY	Harbin, Mnch.	890	RW75	Vinnitza, USSR.	810	WAZL	Hazleton, Pa.	1400
MTFY	Harbin, Mnch.	674	RW78	Ijevsk, USSR.	820	WBAA	West Lafayette, Ind.	1060
MTCY	Hankings, Mnch.	570	RW79	Mourmansk, USSR.	615	WBAL	Baltimore, Md.	800
NAA	Arlington, Va.	690	RW82	Frounze, USSR.	608	WBAP	Fort Worth, Texas	1210
OAX	Lima, Peru	790	RW84	Oust-Abakansk, USSR.	635	WBAX	Wilkes-Barre, Pa.	1400
OFA	Heisinki, Fin.	895	RW85	Igarka, USSR.	635	WBBC	Brooklyn, N. Y.	1210
OFI	Peri, Fin.	745	RW86	Tchernigov, USSR.	1013	WBBL	Richmond, Va.	770
OFE	Tampere, Fin.	1450	SBA	Stockholm, Swe.	794	WBMM	Chicago, Ill.	1300
OFH	Vilpuri, Fin.	527	SBB	Gotteborg, Swe.	941	WBRR	Brooklyn, N. Y.	1200
OKB	Brno, Cz.	922	SBC	Malmo, Swe.	1312	WBZZ	Ponca City, Okla.	1410
OKK	Moravska, Cz.	1113	SBD	Sundsvall, Swe.	601	WBZM	Bay City, Mich.	900
OKP	Praha, Cz.	638	SBH	Horby, Swe.	1151	WBEN	Buffalo, N. Y.	1310
OKR	Bratislava, Cz.	1004	SCA	Boras, Swe.	1402	WBEO	Marquette, Mich.	1200
ONACE	Chatelineau, Big.	1492	SCB	Eskilstuna, Swe.	1402	WBHS	Huntsville, Ala.	1440
ONACE	Verriers, Big.	1500	SCC	Falun, Swe.	1086	WBIG	Greensboro, N. C.	1440
ONAEW	Antwerp, Big.	1492	SCD	Gavio, Swe.	1402	WBNO	New Orleans, La.	1200
ONARW	Lige, Big.	1500	SCE	Halmstad, Swe.	1402	WBNS	Columbus, Ohio	1430
PFBI	Hilversum, Hol.	995	SCF	Hudiksvall, Swe.	1402	WBNX	New York, N. Y.	1350
PP	Paris, F.	959	SCG	Heisingborg, Swe.	1402	WBOQ	New York, N. Y.	860
PRAW	Campinas, Brz.	1170	SCH	Jonkoping, Swe.	1402	WBOW	Terre Haute, Ind.	1310
PRA2	Rio de Janeiro, Brz.	750	SCI	Kalmar, Swe.	1402	WBRR	Red Bank, N. J.	1210
PRA3	Rio de Janeiro, Brz.	860	SCJ	Karlskrona, Swe.	1520	WBRC	Birmingham, Ala.	930
PRA4	Bahia, Brz.	1000	SKM	Kerstad, Swe.	1312	WBRE	Wilkes-Barre, Pa.	1310
PRA5	Sao Paulo, Brz.	1295	SKL	Kiruna, Swe.	1402	WBSE	Babson Park, Mass.	920
PRA6	Sao Paulo, Brz.	815	SCM	Kristinehamn, Swe.	1402	WBT	Charlotte, N. C.	1080
PRA7	Ribeirao Preto, Brz.	1153	SCN	Malmberget, Swe.	1402	WBTM	Danville, Va.	1370
PRA8	Recife, Brz.	750	SCO	Norrkoping, Swe.	1312	WBZ	Boston, Mass.	990
PRA9	Rio de Janeiro, Brz.	1080	SCP	Karlstad, Swe.	1402	WBZA	Springfield, Mass.	990

WCAC	Storrs, Conn.	600	WGLC	Hudson Falls, N. Y.	1370	WKEU	LaGrange, Ga.	1500
WCAD	Centon, N. Y.	1220	WGN	Chicago, Ill.	720	WKFI	Greenwood, Miss.	1210
WCAE	Pittsburgh, Pa.	1220	WGNV	Chester, N. Y.	1210	WKJC	Lancaster, Pa.	1200
WCAL	Northfield, Minn.	1250	WGPC	Albany, Ga.	1420	WKOK	Sunbury, Pa.	1210
WCAM	Camden, N. J.	1280	WGR	Buffalo, N. Y.	550	WKRC	Cincinnati, Ohio	550
WCAO	Baltimore, Md.	600	WGST	Atlanta, Ga.	890	WKY	Oklahoma City, Okla.	900
WCAP	Asbury Park, N. J.	1280	WGY	Schenectady, N. Y.	790	WKZO	Kalamazoo, Mich.	590
WCAT	Rapid City, S. D.	1200	WHA	Madison, Wis.	140	WLAC	Nashville, Tenn.	1470
WCAU	Philadelphia, Pa.	1170	WHAM	Rochester, N. Y.	1150	WLAP	Lexington, Ky.	1420
WCAX	Burlington, Vt.	1200	WHAS	Louisville, Ky.	820	WLB	Minneapolis, Minn.	1250
WCZA	Carthage, Ill.	1070	WHAT	Philadelphia, Pa.	1310	WLBC	Muncie, Ind.	1310
WCBA	Allentown, Pa.	1440	WHAZ	Troy, N. Y.	1300	WLBK	Kansas City, Kans.	1420
WCBD	Waukegan, Ill.	1080	WHB	Kansas City, Mo.	860	WLBW	Stevens Point, Wis.	900
WCBM	Baltimore, Md.	1370	WHBC	Canton, Ohio	1200	WLBW	Erle, Pa.	1260
WCBS	Springfield, Ill.	1210	WBHD	Mount Orab, Ohio	1370	WLBZ	Bangor, Me.	620
WCCO	Minneapolis, Minn.	810	WBHF	Rock Island, Ill.	1210	WLIT	Philadelphia, Pa.	560
WCFL	Chicago, Ill.	970	WBHI	Newark, N. J.	1450	WLLH	Lowell, Mass.	1370
WCFS	Charleston, W. Va.	580	WBHL	Shelbygan, Wis.	1250	WLNH	Laconia, N. H.	1310
WCKY	Covington, Ky.	1490	WBHQ	Memphis, Tenn.	1370	WLS	Chicago, Ill.	870
WCLO	Janoville, Wis.	1200	WBHU	Anderson, Ind.	1210	WLTH	Brooklyn, N. Y.	1400
WCLS	Joliet, Ill.	1310	WBHV	Green Bay, Wis.	1200	WLVA	Lynchburg, Va.	1200
WCNW	Brooklyn, N. Y.	1500	WBDF	Calumet, Mich.	1370	WLW	Cincinnati, Ohio	700
WCOA	Pensacola, Fla.	1340	WBHD	Boston, Mass.	830	WLWL	New York, N. Y.	1100
WCOC	Meridian, Miss.	880	WBHL	Tupper Lake, N. Y.	1420	WMAI	Washington, D. C.	630
WCOL	Columbus, Ohio	1210	WBHE	Portsmouth, N. H.	740	WMAQ	Chicago, Ill.	670
WCRC	Chicago, Ill.	1210	WBHC	Rochester, N. Y.	1430	WMAS	Springfield, Mass.	1420
WCSC	Charleston, S. C.	1360	WBHF	Kosciusko, Miss.	1500	WMAZ	Wacon, Ga.	1180
WCSE	Portland, Me.	940	WBFC	Cicero, Ill.	1420	WMB	Detroit, Mich.	1420
WDAE	Tampa, Fla.	1220	WBHS	Bluefield, W. Va.	1450	WMBD	Peoria, Ill.	1440
WDAF	Kansas City, Mo.	610	WBHB	Greensburg, Pa.	620	WMBG	Richmond, Va.	1210
WDAG	Amarillo, Texas	1410	WBH	Cleveland, Ohio	1390	WMBH	Joplin, Mo.	1420
WDAM	El Paso, Texas	1310	WBHN	New York, N. Y.	1010	WMBH	Chicago, Ill.	1080
WDAS	Philadelphia, Pa.	1370	WBHO	Des Moines, Iowa	1000	WMBQ	Auburn, N. Y.	1310
WDAY	Fargo, N. D.	940	WBHM	Jersey City, N. J.	1450	WMBQ	Brooklyn, N. Y.	1500
WDBJ	Roanoke, Va.	930	WBHP	Harrisburg, Pa.	1430	WMBR	Jacksonville, Fla.	1370
WDBO	Orlando, Fla.	580	WBIA	Madison, Wis.	1250	WMC	Memphis, Tenn.	780
WDEL	Williamston, Del.	1120	WBIG	Glenide, Pa.	970	WMCA	New York, N. Y.	570
WDEV	Waterbury, Vt.	550	WBIM	Jackson, Mich.	1370	WMEX	Chelsea, Mass.	1500
WDGY	Minneapolis, Minn.	1180	WBIB	Poynette, Wis.	580	WMFM	Fairmont, W. Va.	890
WDNC	Durham, N. C.	1500	WBIB	Topeka, Kans.	1200	WMP	Lapeer, Mich.	1200
WDOD	Chattanooga, Tenn.	1280	WBIX	Utica, N. Y.	1200	WMT	Waterloo, Iowa	600
WDRC	Hartford, Conn.	1330	WICC	Bridgeport, Conn.	600	WNAC	Boston, Mass.	1230
WDSU	New Orleans, La.	1250	WIL	St. Louis, Mo.	890	WNAD	Norman, Okla.	1010
WDZ	Tuscola, Ill.	1070	WILL	Urbana, Ill.	890	WNAX	Yankee, S. D.	570
WEAF	New York, N. Y.	660	WILM	Wilmington, Del.	1420	WNBF	Binghamton, N. Y.	1500
WEAN	Providence, R. I.	780	WIND	Gary, Ind.	560	WNBH	New Bedford, Mass.	1310
WEBC	Superior, Wis.	1290	WINS	New York, N. Y.	1180	WNBO	Washington, Pa.	1200
WEBC	Harrisburg, Ill.	1210	WIOD	Miami, Fla.	1300	WNBR	Memphis, Tenn.	1430
WEBR	Buffalo, N. Y.	1310	WIP	Philadelphia, Pa.	610	WNBX	Springfield, Vt.	1260
WEDC	Chicago, Ill.	1210	WIS	Columbia, S. C.	1120	WNBZ	Saranac Lake, N. Y.	1290
WEED	Rocky Mount, N. C.	1420	WISN	Milwaukee, Wis.	1310	WNEL	San Juan, P. R.	1290
WEEI	Boston, Mass.	590	WJAC	Johnstown, Pa.	1120	WNEW	Newark, N. J.	1250
WEEU	Reading, Pa.	830	WJAG	Norfolk, Neb.	1060	WNXX	Knoxville, Tenn.	560
WEHC	Charlottesville, Va.	1350	WJAR	Providence, R. I.	890	WNRA	Muscle Shoals, Ala.	1420
WEHS	Cicero, Ill.	1420	WJAS	Pittsburgh, Pa.	1290	WNVC	New York, N. Y.	1190
WELL	Battle Creek, Mich.	1420	WJAX	Jacksonville, Fla.	900	WQAI	San Antonio, Texas	810
WENR	Chicago, Ill.	870	WJAY	Cleveland, Ohio	610	WOC	Davenport, Iowa	1370
WESG	Elmira, N. Y.	1090	WJBC	Bloomington, Ill.	1200	WOCL	Jamestown, N. Y.	1210
WEVD	New York, N. Y.	1300	WJBK	Detroit, Mich.	1200	WOI	Ames, Iowa	640
WEW	St. Louis, Mo.	760	WJBL	Decatur, Ill.	1500	WOKO	Albany, N. Y.	1430
WEXL	Royal Oak, Mich.	1310	WJBO	Baton Rouge, La.	1420	WOL	Washington, D. C.	1310
WFAB	New York, N. Y.	1300	WJBW	New Orleans, La.	1290	WOMT	Manitowoc, Wis.	1210
WFAM	South Bend, Ind.	1200	WJBY	Gadsden, Ala.	1270	WOOD	Grand Rapids, Mich.	1270
WFAS	White Plains, N. Y.	1210	WJDX	Jackson, Miss.	1210	WOPI	Bristol, Tenn.	1580
WFBC	Greenville, S. C.	1300	WJEJ	Hagerstown, Md.	1210	WOR	Newark, N. J.	710
WFBE	Cincinnati, Ohio	1200	WJIM	Lansing, Mich.	1210	WORC	Worcester, Mass.	1280
WFBG	Allentown, Pa.	1310	WJJD	Chicago, Ill.	1130	WORK	York, Pa.	1120
WFBL	Syracuse, N. Y.	1360	WJMS	Ironwood, Mich.	1420	WOS	Jefferson City, Mo.	630
WFBM	Indianapolis, Ind.	1230	WJR	Detroit, Mich.	750	WOSU	Columbus, Ohio	570
WFBR	Baltimore, Md.	1270	WJSV	Washington, D. C.	1460	WOV	New York, N. Y.	1130
WDFD	Flint, Mich.	1310	WJTL	Atlanta, Ga.	1370	WOW	Omaha, Neb.	590
WFEA	Manchester, N. H.	1340	WJW	Akron, Ohio	1210	WOWO	Fort Wayne, Ind.	1160
WFI	Philadelphia, Pa.	560	WJZ	New York, N. Y.	760	WPAD	Paducah, Ky.	1420
WFLA	Clearwater, Fla.	620	WKAQ	San Juan, P. R.	1240	WPEN	Philadelphia, Pa.	920
WGAL	Lancaster, Pa.	1500	WKAR	East Lansing, Mich.	1040	WPFB	Hattiesburg, Miss.	1370
WGAR	Cleveland, Ohio	1450	WKBB	East Dubuque, Ill.	1500	WPG	Atlantic City, N. J.	1190
WGBB	Fresno, N. Y.	1210	WKBF	Indianapolis, Ind.	1400	WPHR	Petersburg, Va.	880
WGFB	Evansville, Ind.	630	WKBH	LaCrosse, Wis.	1380	WPRO	Providence, R. I.	630
WGBI	Scranton, Pa.	880	WKBI	Cicero, Ill.	1420	WPTF	Raleigh, N. C.	680
WGCM	Gulfport, Miss.	1210	WKBN	Youngstown, Ohio	570	WQAM	Miami, Fla.	560
WGES	Chicago, Ill.	1360	WKBO	Harrisburg, Pa.	1200	WQAN	Scranton, Pa.	880
WGH	Newport News, Va.	1310	WKBV	Richmond, Ind.	1500	WQBC	Vicksburg, Miss.	1360
WGL	Fort Wayne, Ind.	1370	WKBW	Buffalo, N. Y.	1480	WQDM	St. Albans, Vt.	1370
			WKBZ	Muskegon, Mich.	1500	WQDX	Thomasville, Ga.	1210

WRAC	Williamsport, Pa.	1378	XECW	Mexico City, D. F.	1310	XLHL	Shanghai, Chn.	800
WRAP	Reading, Pa.	1310	XED	Guadalajara, Jal.	1160	XLHM	Shanghai, Chn.	1120
WRAP	Philadelphia, Pa.	920	XEE	Durango, Dgo.	1210	XLHN	Shanghai, Chn.	1200
WRBL	Columbus, Ga.	1200	XEFA	Mexico City, D. F.	1180	XLTC	Wush, Chn.	1210
WRBZ	Roanoke, Va.	1410	XEFB	Monterrey, N. L.	1420	XLWT	Wush, Chn.	1310
WRDC	Washington, D. C.	950	XEFC	Merida, Yuc.	1310	XMHA	Shanghai, Chn.	600
WRDO	Augusta, Me.	1378	XEFE	Laredo, Tams.	1370	XNPP	Peiping, Chn.	937
WRDW	Augusta, Ga.	1500	XEFG	Mexico City	1100	XOPP	Peiping, Chn.	852.3
WREC	Memphis, Tenn.	600	XEFI	Chihuahua, Chih.	720	XOST	Tsinan, Chn.	855
WREN	Lawrence, Kans.	1220	XEFJ	Monterrey, N. L.	1210	XOTN	Tientsin, Chn.	625
WRGA	Rome, Ga.	1500	XEFO	Mexico City, D. F.	940	XQHA	Shanghai, Chn.	580
WRJN	Racine, Wis.	1370	XEFV	Juarez, Chih.	1210	XQHB	Shanghai, Chn.	820
WROK	Rockford, Ill.	1410	XEFW	Tempico, Tams.	1310	XQHC	Shanghai, Chn.	1300
WROL	Knoxville, Tenn.	1310	XEFZ	Mexico City, D. F.	1170	XQHD	Shanghai, Chn.	1360
WRR	Dallas, Texas	1280	XEH	Monterrey, N. L.	1350	XQHE	Shanghai, Chn.	1460
WRUF	Gainesville, Fla.	830	XEI	Morelia, Mch.	1370	XTOY	Tsang Tsi, Chn.	625
WRVA	Richmond, Va.	1110	XEJ	Juarez, Chih.	1020	XUHO	Hong-nu, Chn.	667
WSAI	Cincinnati, Ohio	1330	XEK	Mexico City, D. F.	990	YLZ	Riga, Lat.	583
WSAJ	Grove City, Pa.	1310	XEKL	Leon, Guan.	920	YN	Lyons, F.	648
WSAN	Allentown, Pa.	1440	XEMA	Tempico, Tams.	1080	YINCRG	Granada, Nic.	870
WSAR	Fall River, Mass.	1450	XEMO	Tijuana, L. C.	860	YVIRC	Caracas, Venez.	950
WSAZ	Huntington, W. Va.	1190	XEMZ	Tijuana, L. C.	1210	YV2BC	Caracas, Venez.	882
WSB	Atlanta, Ga.	740	XEN	Mexico City, D. F.	710	YV3BC	Caracas, Venez.	1200
WSBC	Chicago, Ill.	1210	XENT	Nuevo Laredo, Tams.	1120	YV6RV	Valencia, Venez.	675
WSBT	South Bend, Ind.	1360	XEOK	Tijuana, B. C.	920	YV17BMO	Maracabo, Venez.	1153
WSFA	Montgomery, Ala.	1410	XEOX	Saltillo, Coah.	640	ZBW	Hongkong, Chn.	845
WSGN	Birmingham, Ala.	1310	XEP	Mexico City, D. F.	820	ZILY	Hoten, Mnch.	900
WSIX	Springfield, Tenn.	1210	XEPN	Piedras Negras, Coah.	590	ZP1	Asuncion, Par.	1135
WSJS	Winston-Salem, N. C.	1310	XES	Tempico, Tams.	970	ZP3	Asuncion, Par.	1000
WSM	Nashville, Tenn.	650	XET	Monterrey, N. L.	690	ZP4	Asuncion, Par.	1275
WSMB	New Orleans, La.	1320	XETB	Terreon, Coah.	1310	ZP5	Asuncion, Par.	1465
WSMK	Dayton, Ohio	1380	XETH	Puebla, Pue.	1210	ZTB	Bloemfontaine, S. Af.	806.6
WSOC	Charlotte, N. C.	1210	XETW	Mexico City, D. F.	820	ZTC	Cape Town, S. Af.	630
WSPA	Spartanburg, S. C.	920	XEU	Veracruz, Ver.	890	ZTD	Durban, S. Af.	723
WSPD	Toledo, Ohio	1340	XEW	Mexico City, D. F.	890	ZTJ	Johannesburg, S. Af.	645
WSUI	Iowa City, Iowa	880	XEWZ	Mexico City, D. F.	1150	ZTP	Pretoria, S. Af.	952
WSUN	St. Petersburg, Fla.	620	XEX	Monterrey, N. L.	1310	1YA	Auckland, N. Z.	650
WSVA	Staunton, Va.	550	XEXX	Mexico City, D. F.	845	1YX	Auckland, N. Z.	880
WSVS	Buffalo, N. Y.	1370	XEYZ	Mexico City, D. F.	780	1ZB	Auckland, N. Z.	1090
WSYB	Rutland, Vt.	1500	XEZZ	San Luis Potosi	1310	1ZH	Hamilton, N. Z.	770
WSYR	Syracuse, N. Y.	570	XFA	Aguascalientes	1370	1ZJ	Auckland, N. Z.	1310
WTAD	Quincy, Ill.	1440	XFB	Jalapa, Ver.	1210	1ZM	Manurewa, N. Z.	1260
WTAG	Worcester, Mass.	580	XFC	Aguascalientes, Aga.	870	2AY	Albury, Ausl.	1480
WTAM	Cleveland, Ohio	1070	XFD	Orizaba, Ver.	1340	2BH	Broken Hill, Ausl.	1360
WTAQ	Eau Claire, Wis.	1330	XFO	Mexico City, D. F.	940	2BL	Sydney, Ausl.	855
WTAR	Norfolk, Va.	780	XFX	Mexico City, D. F.	610	2CA	Canberra, Ausl.	1050
WTAW	College Station, Tex.	1120	XGCK	Che-tsang, Chn.	990	2CH	Sydney, Ausl.	1210
WTAX	Springfield, Ill.	1210	XGCU	Shanghai, Chn.	1140	2CO	Corowa, Ausl.	580
WTBO	Cumberland, Md.	800	XGKA	Cha-hang, Chn.	1140	2FC	Sydney, Ausl.	665
WTGN	Minneapolis, Minn.	1250	XGLS	Soochow, Chn.	1230	2GF	Sydney, Ausl.	950
WTEL	Philadelphia, Pa.	1310	XGOA	Nanking, Chn.	660	2GB	Grafton, Ausl.	1220
WTFI	Athens, Ga.	1450	XGOB	Lo Yang, Chn.	1090	2GN	Goulburn, Ausl.	1310
WTCI	Hartford, Conn.	1040	XGOC	Nan-chang, Ch.	500	2HD	Newcastle, Ausl.	1110
WTJS	Jackson, Tenn.	1310	XGOD	Hangchow, Chn.	977.5	2KO	Newcastle, Ausl.	1415
WTMJ	Milwaukee, Wis.	620	XGOE	Num-ling, Chn.	1340	2KY	Sydney, Ausl.	1070
WTNJ	Trenton, N. J.	1280	XGOS	Sing Doh, Chn.	750	2MO	Gunnedah, Ausl.	1390
WTOC	Savannah, Ga.	1260	XGOK	Canton, Chn.	750	2NR	Newcastle, Ausl.	1246
WTRC	Elkhart, Ind.	1310	XGOT	Yunnan, Chn.	690	2RN	Dublin, I. F. S.	1348
WVFW	Brooklyn, N. Y.	1400	XGTM	Sang-yi, Chn.	848	2SM	Sydney, Ausl.	1270
WVAE	Hammond, Ind.	1200	XGWT	Chang-Chow, Chn.	1330	2UE	Sydney, Ausl.	1025
WWJ	Detroit, Mich.	920	XHHB	Shanghai, Chn.	740	2UW	Sydney, Ausl.	1125
WWL	New Orleans, La.	800	XHHC	Shanghai, Chn.	780	2WG	Wagga, Ausl.	1155
WWNC	Asheville, N. C.	570	XHHD	Shanghai, Chn.	940	2WL	Wollongong, Ausl.	1435
WWRL	Woodside, N. Y.	1500	XHHE	Shanghai, Chn.	960	2XN	Lismore, Ausl.	1340
WWVA	Pittsburgh, Pa.	1500	XHFF	Shanghai, Chn.	960	2YA	Wellington, N. Z.	578
WWVW	Wheeling, W. Va.	1160	XHHG	Shanghai, Chn.	1020	2YB	New Plymouth, N. Z.	759
WXYZ	Detroit, Mich.	1240	XHHH	Shanghai, Chn.	900	2YC	Wellington, N. Z.	849
W1XS	Waterbury, Conn.	1530	XHHI	Shanghai, Chn.	1040	2ZD	Masterton, N. Z.	1170
W2XR	Long Island City, N. Y.	1550	XHHJ	Shanghai, Chn.	1080	2ZF	Palmerston, N. N. Z.	969
W3XA	Bakersfield, Cal.	1550	XHHK	Shanghai, Chn.	1420	2ZH	Napier, N. Z.	820
W9XB	Kansas City, Mo.	1530	XHHM	Shanghai, Chn.	1180	2ZJ	Gisborne, N. Z.	989
XDYF	Wu-hu, Chn.	1270	XHNN	Shanghai, Chn.	1200	2ZL	Hastings, N. Z.	1249
XEA	Guadalajara, Jal.	1060	XHNP	Shanghai, Chn.	1260	2ZM	Gisborne, N. Z.	1150
XEAA	Mexicali, L. C.	920	XHNR	Shanghai, Chn.	1340	2ZP	Palmerston, N. N. Z.	1409
XEAE	Tijuana, L. C.	980	XHNS	Shanghai, Chn.	1100	2ZR	Wairoa, N. Z.	900
XEAF	Nogales, Son.	1080	XHNU	Shanghai, Chn.	1160	2ZP	Nelson, N. Z.	1360
XEAI	Mexico City, D. F.	1240	XHNV	Shanghai, Chn.	880	3AK	Melbourne, Ausl.	1590
XEAL	Mexico City, D. F.	660	XHMX	Shanghai, Chn.	920	3AR	Melbourne, Ausl.	610
XEAM	Nuevo Laredo, Tams.	750	XHNY	Shanghai, Chn.	1240	3AW	Melbourne, Ausl.	1425
XEAO	Mexicali, L. C.	560	XLHB	Shanghai, Chn.	560	3BA	Ballarat, Ausl.	1390
XEAW	Reynosa, Tams.	950	XLHC	Shanghai, Chn.	720	3BO	Bendigo, Ausl.	970
XEAZ	Leon, Guan.	1420	XLHD	Shanghai, Chn.	720	3DB	Melbourne, Ausl.	1180
XEB	Mexico City, D. F.	1030	XLHE	Shanghai, Chn.	1380	3GL	Geelong, Ausl.	1400
XEBC	Agua Caliente, L. C.	760	XLHJ	Shanghai, Chn.	760	3HA	Hamilton, Ausl.	1910

3HS	Horsham, Ausl.	1370	4MS	Maryborough, Ausl.	1060	SDN	Adelaide, Ausl.	960
3KZ	Melbourne, Ausl.	1350	4MK	Mackay, Ausl.	1190	SKA	Adelaide, Ausl.	1200
3LO	Melbourne, Ausl.	800	4QG	Brisbane, Ausl.	760	SMU	Murray Bridge, Ausl.	1460
3MA	Mildura, Ausl.	900	4RK	Rockhampton, Ausl.	910	6AM	Northam, Ausl.	1090
3SH	Swan Hill, Ausl.	1080	4RD	Rockhampton, Ausl.	1330	6BY	Bunbury, Ausl.	980
3TR	Salé, Ausl.	1280	4TD	Townsville, Ausl.	1170	6CK	Cork, I. F. S.	1240
3UZ	Melbourne, Ausl.	930	4YA	Dunedin, N. Z.	790	6IX	Perth, Ausl.	1470
3WR	Wangaratta, Ausl.	1260	4YD	Dunedin, N. Z.	1140	6KG	Kalgoorlie, Ausl.	1220
3VA	Christchurch, N. Z.	720	4ZB	Dunedin, N. Z.	1050	6ML	Perth, Ausl.	1135
3VB	Melbourne, Ausl.	1060	4ZC	Cromwell, N. Z.	1280	6PR	Perth, Ausl.	880
3YL	Christchurch, N. Z.	1200	4ZL	Dunedin, N. Z.	1220	6WF	Perth, Ausl.	690
3ZE	Greymouth, N. Z.	1300	4ZM	Dunedin, N. Z.	1050	7HD	Hobart, Ausl.	890
3ZM	Christchurch, N. Z.	1470	4ZO	Dunedin, N. Z.	1050	7LA	Launceston, Ausl.	2100
3ZR	Greymouth, N. Z.	940	4ZP	Invercargill, N. Z.	620	7UV	Ulverston, Ausl.	1460
4AY	Ayr, Ausl.	980	4ZR	Balclutha, N. Z.	1340	7ZL	Hobart, Ausl.	580
4BC	Brisbane, Ausl.	1145	4ZW	Dunedin, N. Z.	1450	10-AK	Stratford, Ont.	1200
4BH	Brisbane, Ausl.	1380	5AD	Adelaide, Ausl.	1310	10-BP	Wingham, Ont.	1200
4BK	Brisbane, Ausl.	1290	5CK	Crystal Brook, Ausl.	635	10-BQ	Brantford, Ont.	1200
4GR	Toowoomba, Ausl.	1000	5CL	Adelaide, Ausl.	730	10-BU	Canora, Sask.	1200

THE SHORTWAVE STATIONS OF THE WORLD BY FREQUENCIES

In the list of stations arranged by frequencies, the frequency is given first, in megacycles followed by the wavelength in meters. The location of each station given in the frequency list is given as it is announced over the air.

KEY TO SYMBOLS IN PARENTHESES:

Capital letters indicate type of service, as follows:

- A, Point-to-point, Condition A, Inverted modulation.
- B, Point-to-point, Condition B, Intelligible speech.
- E, Experimental.
- F, Forestry service.
- G, Airway ground station.
- P, Police.
- R, Relay (broadcasting).
- SS, Ship to shore, or shore to ship, communication.

Small letters following the hyphen concern verifications, as follows:

- a, verifies for return postage.
- b, verifies only occasionally.
- c, does not verify.
- x, address given alphabetically in address list.
- y, address not given.
- z, no information available.
- 1, 2, 3, figures indicate key numbers in address list.

1.510 198.50

CJD, Campbell River, B. C. (SS-z) (Minister of Lands for British Columbia)

CJK, Knight Inlet, B. C. (B-z) (Anglo-British Columbia Packing Co., Ltd.)

VAC, Cape Lazo, B. C. (SS-33) Daily exc. Sunday, 5 a.m. to 7:45 p.m. EST.

VAF, Alert Bay, B. C. (SS-33)

1.540 194.69

CJD, Campbell River, B. C. (Minister of Lands for British Columbia)

VBY, Lunenburg, N. S. (SS-z) (Lunenburg Sea Products, Ltd.)

1.566 191.46

WIED, Brdcast. pickup (B-a-3/)

WIEX, Brdcast. pickup (B-a-37)

1.570 191.08

WPEQ, Baton Rouge, La. (P-z)

1.574 190.48

KGPY, Shreveport, La. (State Police)

1.596 187.84

CFC, Cub Lake, Sask. (B-z)*

CGQ, Leclac Ronge, Sask. (B-z)*

CGV, Emma Lake, Sask. (B-z)*

CZJ, Isle-a-la-Croise, Sask. (B-z)*

VYP, Prince Albert, Sask. (B-z)* *Dept. of Natural Resources, Govt. of the Province of Saskatchewan

WPGG, Findlay, Ohio (P-z)

WPGQ, Columbus, Ohio (P-z)

WPHC, Massillon, Ohio (P-z)

1.606 186.69

KIGA, Brdcast. pickup (KSTP)

WHER, Brdcast. pickup (KDKA)

WIED, Brdcast. pickup (B-a-37)

WIEW, Brdcast. pickup (B-a-37)

WIEX, Brdcast. pickup (B-a-37)

WJER, Brdcast. pickup (WTMJ)

WMEF, Brdcast. pickup (B-a-37)

1.620 185.07

CFL, Tabouret, P. Q. (F-47)

1.622 184.85

KIED, Brdcast. pickup (KFWB)

KIEL, Brdcast. pickup (KJRK)

KIEF, Brdcast. pickup (WIL)

KIFI, Brdcast. pickup (WDGY)

KILU, Brdcast. pickup (MARK)

WIEH, Brdcast. pickup (WMCA)

WKEM, Brdcast. pickup (WINS)

WNEI, Brdcast. pickup (WFBM)

1.630 183.94

WEY, Boston, Mass. (Marine Fire)

WKOT, Detroit, Mich. (Marine Fire)

1.634 183.48

W9XBU, Portable in Ind. (P-z)

....., Marion County, Ind. (State Police)

1.642 182.59

WRDS, E. Lansing, Mich. (State Police)

1.646 182.15

WIEK, Brdcast. pickup (B-a-W2XE)

WIEL, Brdcast. pickup (B-a-W2XE)

WLEB, Brdcast. pickup (WOKO)

1.658 180.83

KSW, Berkeley, Calif. (P-z)

WPGC, S. Schenectady, N. Y. (State Police)

1.666 179.96

WMP, Frammingham, Mass. (State Police)

WPEL, W. Bridgeport, Mass. (State Police)

WPEV, Portable in Mass. (State Police)

WPEW, Northampton, Mass. (State Police)

1.674 179.10

KGPM, San Jose, Calif. (P-z)

KGZY, Santa Cruz, Calif. (P-z)

WPSP, Harrisburg, Pa. (State Police)

1.682 178.25

KGHO, Des Moines, Ia. (State Police)

WXKA, Portable in Ohio (Dept. of Highways, Division of State Highway Patrol)

....., Stern Lake, Ia. (P-z)

....., Waterloo, Ia. (P-z)

....., Wilmington, Ohio (P-z)

1.706 175.74

KGPC, St. Louis, Mo. (P-z)

WKDU, Cincinnati, Ohio (P-z)

WPET, Lexington, Ky. (P-z)

1.712 175.13

CZG, Prince Rupert, B. C. (British Columbia Provincial Police)

KGHY, Whittier, Calif. (P-z)

KGJX, Pasadena, Calif. (P-z)

KGJY, Beaumont, Texas (P-z)

KGPL, Los Angeles, Calif. (P-z)

KGPR, Fort Worth, Texas (P-z)

KGZB, Houston, Texas (P-z)

KGZL, Shreveport, La. (P-z)

KGZQ, Waco, Texas (P-z)

KGZY, San Bernardino, Calif. (P-z)

KVF, Dallas, Texas (P-z)

VVR, Montreal, P. Q. (P-z)

WPBG, Medford, Mass. (P-z)

WPDB, Chicago, Ill. (P-z)

WPDC, Chicago, Ill. (P-z)
 WPPD, Chicago, Ill. (P-z)
 WPDU, Pittsburgh, Pa. (P-z)
 WPED, Arlington, Mass. (P-z)
 WPEH, Somerville, Mass. (P-z)
 WPEI, E. Providence, R. I. (P-z)
 WPEJ, Brookline, Mass. (P-z)
 WPEF, Newton, Mass. (P-z)
 WPFN, Fairhaven, Mass. (P-z)
 WPGV, Boston, Mass. (P-z)
 Pomona, Calif. (P-z)
 1.715 to 2.000
 (149.91 to 174.82 megs)
 Amateur band. Phones from 1.875
 to 2.000 megs.

2.102 142.64
 KIGA, Brdcast. pickup (KSTP)
 KIGW, Brdcast. pickup
 WHER, Brdcast. pickup (KDKA)
 WIEO, Brdcast. pickup (S-a-37)
 WIEW, Brdcast. pickup (S-a-37)
 WIEK, Brdcast. pickup (S-a-37)
 WJER, Brdcast. pickup (WTMJ)
 WMEF, Brdcast. pickup (S-a-37)
 2.150 139.45

KIED, Brdcast. pickup (KFWB)
 KIEF, Brdcast. pickup (WIL)
 KIEL, Brdcast. pickup (KJLR)
 KIEO, Brdcast. pickup (KFSJ)
 KIFI, Brdcast. pickup (WGDY)
 KIFT, Brdcast. pickup (KJBS)
 KIIG, Brdcast. pickup (KMTR)
 KILB, Brdcast. pickup (KWKH)
 WIEG, Brdcast. pickup (WMCA)
 WKEM, Brdcast. pickup (WINS)
 WLEX, Brdcast. pickup (WJAG)
 WNEI, Brdcast. pickup (WFBM)
 2.190 136.90

KIHH, Brdcast. pickup (KFAB)
 WIEK, Brdcast. pickup (S-a-W2XE)
 WIEL, Brdcast. pickup (S-a-W2XE)
 2.382 125.87

KGHT, Brownsville, Tex. (P-z)
 KGHU, Austin, Tex. (P-z)
 KGHV, Corpus Christi, Tex. (P-z)
 KGZH, Klamath Falls, Ore. (P-z)
 KNFE, Duluth, Minn. (P-z)
 WPDN, Auburn, N. Y. (P-z)
 WPEA, Syracuse, N. Y. (P-z)
 WPFM, Birmingham, Ala. (P-z)
 WPGW, Mobile, Ala. (P-z)
 2.406 124.61

KGHZ, Little Rock, Ark. (P-z)
 KGPW, Salt Lake City, Utah (P-z)
 2.414 124.20

KGHW, Centralia, Wash. (P-z)
 KGPA, Seattle, Wash. (P-z)
 KGPF, Santa Fe, N. Mex. (P-z)
 KGPS, Bakersfield, Calif. (P-z)
 KGZA, Fresno, Calif. (P-z)
 KGZM, El Paso, Tex. (P-z)
 KGZN, Tacoma, Wash. (P-z)
 KGZO, Santa Barbara, Calif. (P-z)
 KGZV, Aberdeen, Wash. (P-z)
 KGZX, Albuquerque, N. Mex. (P-z)
 KNFA, Clovis, N. Mex. (P-z)
 WCK, Detroit, Mich. (P-z)
 WMO, Highland Park, Mich. (P-z)
 WPDa, Tulare, Calif. (P-z)
 WPDJ, Passaic, N. J. (P-z)
 WPDx, Detroit, Mich. (P-z)
 WPDY, Atlanta, Ga. (P-z)
 WPFH, Baltimore, Md. (P-z)
 WPFJ, Columbus, Ga. (P-z)
 WPGH, Albany, N. Y. (P-z)
 WPGJ, Utica, N. Y. (P-z)
 WPGM, La Grange, Ga. (P-z)
 WRDR, Grande Pointe, Mich. (P-z)

2.416 124.09

CJW, St. John, N. B. (P-Dept. of
 Public Safety)
 CZG, Prince Rupert, B. C. (British
 Columbia Provincial Police)
 VYW, Winnipeg, Man. (Board of
 Police Commissioners)

2.422 123.79

KGPE, Kansas City, Mo. (P-z)
 KGPC, Vallejo, Calif. (P-z)
 KGZC, Topeka, Kans. (P-z)
 KSW, Berkeley, Calif. (P-z)
 WMJ, Buffalo, N. Y. (P-z)
 WNPF, Niagara Falls, N. Y. (P-z)
 WDDR, Rochester, N. Y. (P-z)
 WPDW, Washington, D. C. (P-z)
 WPFU, Portland, Me. (P-z)
 WPHB, Nashua, N. H. (P-z)
 Leavenworth, Kans. (P-z)

2.430 123.45

KGHX, Santa Ana, Calif. (P-z)
 KGPB, Minneapolis, Minn. (P-z)
 KGZJ, Phoenix, Ariz. (P-z)
 WPDJ, Columbus, Ohio (P-z)
 WPDm, Dayton, Ohio (P-z)
 WPDs, St. Paul, Minn. (P-z)
 WPEK, New Orleans, La. (P-z)
 WPFd, Highland Park, Ill. (P-z)
 WPFK, Hackensack, N. J. (P-z)
 WPGI, Portsmouth, Ohio (P-z)
 Long Beach, Calif. (P-z)

2.442 122.77

KGPP, Portland, Ore. (P-z)
 KGPK, Denver, Colo. (P-z)
 KGZR, Salem, Ore. (P-z)
 WMDZ, Indianapolis, Ind. (P-z)
 WPFDe, Louisville, Ky. (P-z)
 WPDF, Flint, Mich. (P-z)
 WPDH, Richmond, Ind. (P-z)
 WFDL, Lansing, Mich. (P-z)
 WPEB, Grand Rapids, Mich. (P-z)
 WPEs, Saginaw, Mich. (P-z)
 WPFc, Muskegon, Mich. (P-z)
 WPFf, Reading, Pa. (P-z)
 WPFg, Jacksonville, Fla. (P-z)
 WPFH, Palm Beach, Fla. (P-z)
 WPFY, Yonkers, N. Y. (P-z)
 WPFZ, Miami, Fla. (P-z)
 WPGI, Binghamton, N. Y. (P-z)
 WPGP, Muncie, Ind. (P-z)
 Lakeland, Fla. (P-z)
 Orlando, Fla. (P-z)
 Tampa, Fla. (P-z)

2.450 122.40

KGHN, Hutchinson, Kans. (P-z)
 KGPH, Oklahoma City, Okla. (P-z)
 KGPO, Tulsa, Okla. (P-z)
 KGQO, Honolulu, Hawaii (P-z)
 KGZP, Wichita, Kans. (P-z)
 KGZF, Chanute, Kans. (P-z)
 KGZP, Coffeyville, Kans. (P-z)
 WPDK, Milwaukee, Wis. (P-z)
 WPEE, Brooklyn, N. Y. (P-z)
 WPEF, Bronx, N. Y. (P-z)
 WPEG, New York City (P-z)
 WPHF, Richmond, Va. (P-z)
 Kenosha, Wisc. (P-z)

2.452 122.27

CGZ, Vancouver, B. C. (Police)
 CJZ, Verdun, P. Q. (P-z)
 2.458 121.97

KGHS, Spokane, Wash. (P-z)
 KGZI, Wichita Falls, Tex. (P-z)
 KGZW, Lubbock, Texas (P-z)
 WPDG, Youngstown, Ohio (P-z)
 WPDQ, Akron, Ohio (P-z)
 WPDV, Charlotte, N. C. (P-z)
 WPFs, Asheville, N. C. (P-z)

WPGD, Rockford, Ill. (P-z)
 WRRH, Cleveland, Ohio (P-z)
 Idaho Falls, Ida. (P-z)
 Steubenville, Ohio (P-z)

2.466 121.58

KGHP, Lawton, Okla. (P-z)
 KGOZ, Cedar Rapids, Ia. (P-z)
 KGPD, San Francisco, Calif. (P-z)
 KGPI, Omaha, Nebr. (P-z)
 KGPK, Sioux City, Ia. (P-z)
 KGPN, Davenport, Ia. (P-z)
 KGZG, Des Moines, Ia. (P-z)
 WPEC, Memphis, Tenn. (P-z)
 WPEM, Woonsocket, R. I. (P-z)
 WPFV, Pawtucket, R. I. (P-z)
 WPFW, Bridgeport, Conn. (P-z)
 WPGA, Bay City, Mich. (P-z)
 WPGS, Port Huron, Mich. (P-z)
 WPGK, Cranston, R. I. (P-z)
 WPGX, Worcester, Mass. (P-z)
 WPHA, Fitchburg, Mass. (P-z)

2.470 121.40

KGHK, Palo Alto, Calif. (P-z)

2.474 121.19

KGHG, Las Vegas, Nev. (P-z)
 KGHM, Reno, Nev. (P-z)
 KNFH, Garden City, Kans. (P-z)
 WPDf, Philadelphia, Pa. (P-z)
 WPFK, Knoxville, Tenn. (P-z)
 WPFQ, Swarthmore, Pa. (P-z)
 WPFs, Asheville, N. C. (P-z)
 WPGZ, Johnson City, Tenn. (P-z)
 WRDQ, Toledo, Ohio (P-z)

2.482 120.80

KGZE, San Antonio, Tex. (State and
 City Police)
 New Castle, Pa. (P-z)

2.490 120.41

KGHA, Snowplow No. A232, Wash.
 (P-z)
 KGHb, Snowplow No. A227, Wash.
 (P-z)
 KGHC, Portable in Washington (P-z)
 KGHd, Seattle, Wash. (State Police)
 KGHg, Snoqualmie Pass, Wash.
 (State of Wash. Highway and
 Police Dept.)
 KGHR, Portable in Washington (P-z)
 KGZD, San Diego, Calif. (P-z)
 KGZU, Lincoln, Nebr. (P-z)
 WPDt, Kokomo, Ind. (P-z)
 WPDZ, Fort Wayne, Ind. (P-z)
 WPFp, Clarksburg, W. Va. (P-z)
 WPGN, South Bend, Ind. (P-z)
 WPGO, Huntington, N. Y. (P-z)
 WPGS, Mineola, N. Y. (P-z)
 WPHI, Charleston, W. Va. (P-z)
 Chinook Pass, Wash. (P-z)
 Olympia, Wash. (P-z)
 Compton, Calif. (P-z)
 Fairmont, W. Va. (P-z)

2.522 118.88

KOW, Edmonds, Wash. (55-z)
 (Pacific Telephone & Telegraph
 Co.)

2.550 117.58

WMES, Lorain, Ohio (Pub. Coastal)

2.566 116.84

KOU, Wilmington, Calif. (55-z)
 (Southern Calif. Telephone Co.)

2.590 115.76

WOX, St. George, Staten Island,
 N. Y. (55-z) (New York Telephone
 Co.)

2.604 115.14
 WVD, Seattle, Wash. (B-a) (Phones Alaska) 517 Federal Office Bldg.

2.612 114.79
 Aeronautical point-to-point stations.

2.636 113.34
 Aeronautical point-to-point stations.

2.720 110.23
 Aeronautical point-to-point stations.

2.728 109.90
 KIJJ, Hood River, Ore.
 KIJZ, Portable. (Stations owned by "Crag Rats, Inc.")

2.732 109.74
 Aeronautical stations.

2.748 109.10
 Aeronautical stations.

2.906 103.17
 Aeronautical stations.

2.922 102.61
 Aeronautical stations.

2.930 102.33
 WMEP, Suffield, Ohio (G-z)
 WMEU, St. Petersburg, Fla. (G-z)
 WMEV, Opa Locka, Fla. (G-z) (Goodyear Zeppelin Base)

2.946 101.77
 Aeronautical stations.

2.980 100.61
 CZA, Drummondville, P. Q. (SS-a-6)

2.994 100.14
 KGXU, Port Armstrong, Alaska (Buchan & Helmsen)
 KIEJ, Peorman, Alaska (W. N. Grewden)
 KIIK, Circle, Alaska*
 KIII, Fort Yukon, Alaska*
 KIIIM, Hot Springs, Alaska*
 KIIIN, Eagle, Alaska*
 KIIIO, McGrath, Alaska (B-z)
 KIIJO, Port Herbert, Alaska (B-z)
 KIIJS, Baranoff, Island, Alaska (B-z)
 KIIJV, Deep Cove, Alaska (B-z)
 KIIKY, Excursion Inlet, Alaska (B-z)
 Cape Polo, Alaska (A. R. Brueger)
 *Owned by Northern Commercial Co. Point to point with WXP at Fairbanks and WXE at Anchorage.

3.040 98.62
 Aeronautical stations.

3.070 97.66
 CJU, Winnipeg, Man. (G-45)

3.073 97.57
 Aeronautical stations.

3.088 97.09
 Aeronautical stations.

3.093 96.94
 KGM, Ketchikan, Alaska (B-z) (Alaska Pacific Salmon Co.) (KIAK-KIAY)
 KICI, Vlew Cove, Dall Island, Alaska (B-z)
 KIIP, Willow Creek Mines, Alaska (W. E. Dunkle).
 KIJP, Uganik Bay, Alaska (B-z)
 3.125 to 3.147 megs. (95.27 to 95.94 meters.)
 SHIPS

3.128 95.85
 Aeronautical stations.

3.163 94.79
 Aeronautical stations

3.183 94.19
 Aeronautical stations

3.190 93.99
 KIGP, Egushik, Alaska (SS-z) (Libby McNeill & Libby)
 KIIK, Circle, Alaska*
 KIII, Fort Yukon, Alaska*
 KIIIM, Hot Springs, Alaska*
 KIIIN, Eagle, Alaska*
 KIIIO, McGrath, Alaska (B-z)
 KIIJN, Peril Straits, Alaska (B-z)
 *Phone Fairbanks and Anchorage. Owned by Northern Commercial Co.

3.233 92.74
 Aeronautical stations.

3.258 92.03
 Aeronautical stations

3.265 91.83
 KIIIT, St. Michael, Alaska (B-z) (Territorial Govt. of Alaska)
 KIIJI, Port Conclusion, Alaska (B-z)
 KIIJK, Washington Bay, Kulu Isl., Alaska
 KIIJW, Shearwater Bay, Alaska (B-z)
 KIIJX, Kadiak Island, Alaska (B-z)
 Atognak, Alaska (B-z)
 Skowl Arm, Alaska (B-z)

3.268 91.74
 CGP, Prince Rupert, B. C. (B-46)

3.385 88.57
 KIIIU, Marshall, Alaska (Territorial Govt. of Alaska)

3.423 87.59
 WOZ, New York, N. Y. (American Telephone & Telegraph Co.)

3.452 86.85
 CJU, Winnipeg, Man. (G-45)

3.468 86.45
 Aeronautical stations

3.500 to 4.000
 (74.36 to 85.66 meters).
 Amateur band. Phone band from 3.908 to 4.008 megs.

3.750 79.95
 CTICT, Lisbon, Portugal (R-az) (Radio Eddystone) 9 to 11 a.m.
 IJRO, Rome, Italy (R-address IJRO) 4.177 to 4.197 megs. (71.44 to 71.77 meters.)
 SHIPS

4.253 70.50
 WOG, Ocean Gate, N. J.

4.273 70.65
 RV15, Khabarovsk, USSR. (R-cy)
 WOO, Ocean Gate, N. J. (SS-cy)
 WOY, Lawrenceville, N. J.

4.280 70.05
 Italian ships

4.295 69.81
 WTDV, St. Thomas, Virgin Isl. (B-a) (H. M. McKenzie)
 WTDW, St. Croix, Virgin Isl. (B-a)
 WTDX, St. John, Virgin Isl. (B-a)

4.320 69.40
 DAF, Norden, Germany (SS-a-15)
 GDB, Rugby, England (A-a-16)

4.465 67.14
 CFA2, Drummondville, P. Q. (B-b-6)

4.505 66.55
 CGO, Ocean Falls, B. C. (B-46)
 CZO, Prince George, B. C. (B-46)
 CZP, Claydon Bay, B. C. (B-46)

4.513 66.43
 ZFS, Nassau, Bahamas (B-ax)

4.550 65.89
 WDN, WZXEJ Rocky Point, N. Y. (E-cy)

4.740 63.25
 Aeronautical stations

4.745 63.18
 Aeronautical stations

4.753 63.08
 WOO, Ocean Gate, N. J. (SS-cy)
 WOY, Lawrenceville, N. J.

4.755 63.05
 CFU, Rossland, B. C. (B-z) (Consolidated Mining & Smelting Co. of Canada, Ltd.)

4.785 66.66
 CZA, Drummondville, P. Q. (SS-c-6)

4.865 61.63
 CGT, Campbell River, B. C. (B-46)

4.975 60.27
 GBC, Rugby, England (SS-a-16)

4.988 60.11
 Aeronautical stations

5.025 59.67
 ZFA, Hamilton, Bermuda (A-c) works WOB

5.143 58.30
 PMY, Bandoeng, Java (R-a-22)

5.262 56.96
 WQN, Rocky Point, N. Y. (E-cy)

5.378 55.75
 Aeronautical stations

5.405 55.47
 CGP, Prince Rupert, B. C. (B-46)
 CZQ, Anyox, B. C. (B-46)

5.573 to 5.633
 Aeronautical stations

5.660 51.21
 CFD, Kenora, Ont. (F-z) (Ont. Dept. of Lands and Forests)
 CFJ, Red Lake, Ont. (Ont. Dept. of Lands and Forests)
 CFU, Rossland, B. C. (B-z) (Consolidated Mining & Smelting Co. of Canada, Ltd.)

5.710 52.51
 JDZ, Darlen (B-z) works JVU Nazaki

5.753 52.14
 JVU, Nazaki, Japan (A-z) works Taiwan

5.765 52.01
 KZGF, Manila, P. I. (Philippine Long Distance Telephone Co.)

6.725 44.57	7.470 40.14	8.770 34.19
WQO, Rocky Point, N. Y. (E-cy)	JVQ, Nazaki, Japan (A-38) Works Bandoeng.	RSZ, Irkutsk, USSR (B-cy)
6.733 44.53	7.510 39.92	8.820 33.99
KEQ, Kahuku, Hawaii (B-cy)	JVP, Nazaki, Japan (A-38) Works OFL	KFZ, Main Base, Little America (B-cy)
6.740 44.48	7.520 39.87	KNRA, "Seth Parker" (B-a-37)
WEJ, Rocky Point, N. Y. (E-cy)	KDK, Kahuku, Hawaii (A-cy); Phones Dixon	8.830 33.95
6.755 44.38	KKH, Kahuku, Hawaii (A-cy); Phones Dixon	Ships
WOA, Lawrenceville, N. J. (A-cy)	RKI, Moscow, USSR (B-cy)	8.840 33.92
6.790 44.16	7.565 39.63	KFZ, Main Base, Little America (B-cy)
CMB, Havana, Cuba (B-c-31)	KWY (W6XN), Dixon, California (A-cy) Phones Hawaii	KNRA, "Seth Parker" (B-a-37)
GOB, Rugby, England (A-a-16)	7.575 39.58	8.930 33.57
6.860 43.71	XGO, Shanghai, China (B-a-8)	WAD, Rocky Point, N. Y. (E-cy)
KEL, Bellnas, Calif. (E-cy)	7.610 39.40	WEC, Rocky Point, N. Y. (E-cy)
6.870 43.64	KWX, Dixon, California (A-cy)	8.940 33.54
RKF, Moscow, USSR (B-c)	7.620 39.34	KZGG, Cebu, P. I. (Philippine Long Distance Telephone Co.)
6.880 43.58	RIM, Irkutsk, USSR (B-cy)	WKL, Rocky Point, N. Y. (E-cy)
CGAT, Drummondville, P. Q. (A-c-6)	7.685 39.01	8.950 33.50
6.900 43.45	TIR, Cartago, Costa Rica (B-b-9) Phones Hialeah	WEL, Rocky Point, N. Y. (E-cy)
RKF, Moscow, USSR, (B-c)	7.715 38.86	8.980 33.59
6.905 43.42	KEE, Bellnas, Calif. (E-cy)	VWY, Kirkee, Poona, India (B-z)
GOS, Rugby, England (A-a-16)	7.797 38.47	9.010 33.28
6.950 43.13	HBP, Geneva, Switzerland (R-b-30) "Radio Nations"	KEJ, Bellnas, Calif. (E-cy)
WKP, Rocky Point, N. Y. (E-cy); YNLF, Managua, Nicaragua (R-z) Cadena Indo-Americano	7.880 38.05	9.020 33.24
6.966 43.04	JYR, Kamikawa-Che, Chiba-Ken, Japan (B-z)	GCS, Rugby, England (A-a-16)
EDO, Madrid, Spain (B-a-28)	7.900 37.67	9.120 32.88
EDQ, Madrid, Spain (B-a-28)	CMB, Havana, Cuba (B-b-31)	CP5, La Paz, Bolivia (R-ax)
6.990 42.89	VLZ, Sydney, Australia (A-a-3)	9.168 32.70
JVS, Nazaki, Japan (A-z-38) Works Shanghai.	XGL, Shanghai, China (B-b-6)	VYR, Maracay, Venezuela (B-cy)
LCL, Joley, Norway (R-ax)	7.980 37.57	9.170 32.70
7.000 to 7.300	HSJ, Bangkok, Slam (E-a-27)	KZGF, Manila, P. I. (Philippine Long Distance Telephone Co.)
(41.07 to 42.83 meters), Amateur Band. Foreign amateurs use phone in this band; USA and Canada, code only.	8.015 37.40	WNA, Lawrenceville, N. J. (A-cy)
7.055 42.50	Aeronautical stations	9.273 32.33
HIH, San Pedro de Macoris, D. R. (R-a) La Voz del Higuamo. Sr. Domingo Dominguez, owner.	8.017 37.40	GCB, Rugby, England (A-a-16) Phones Canada
7.090 42.29	EDQ, Madrid, Spain (B-a-28)	9.332 32.13
HKE, Bogota, Colombia (Observatorio de San Bartolome)	8.180 36.65	CGA4, Drummondville, P. Q. (A-a-6)
7.200 41.61	PSK, Rio de Janeiro, Brazil (A-b-4)	9.410 31.86
HJAAB, Manizales, Colombia. "La Voz de Caldas." (R-a) Theme song, Just a Gigolet. Sr. Roberto Baena, apartado 175.	8.218 36.36	PLV, Bandoeng, Java (A-a-22), Phones Australia
7.205 41.61	8.230 36.13	9.448 31.74
EASAB, Santa Cruz de Tenerife, Canary Islands (R-ax)	KNRA, "Seth Parker" (B-a-37)	WES, Rocky Point, N. Y. (E-cy)
7.370 40.67	8.464 35.42	9.460 31.79
KEB, Bellnas, California (E-cy)	OAF, Norden, Germany (SS-a-15)	WKJ, New Brunswick, N. J. (A-cy)
WJN, Rocky Point, N. Y. (E-cy)	8.500 35.27	9.479 31.55
7.390 40.57	JZF, Nazaki, Japan (B-z) Works Ships	WET, Rocky Point, N. Y. (E-cy)
JVR, Nazaki, Japan (A-38) Works Hongkong.	8.510 35.23	9.490 31.59
ZLR, Wellington, New Zealand (A-a-24)	8.515 35.21	KZGH, Hialeah, P. I. (Philippine Long Distance Telephone Co.)
7.400 40.51	CZA, Drummondville, P. Q. (SS-c-6)	9.500 31.56
WEM, Rocky Point, N. Y. (E-cy)	8.560 35.03	XGOX, Nanking, China (R-29) Relays XGDA (Proposed)
7.465 40.16	WOO, Ocean Gate, N. J. (SS-cy)	9.503 31.55
HJP, Bogota, Colombia (B-cy) Phones Hialeah	WOY, Lawrenceville, N. J.	VK3ME, Braybank (Melbourne), Australia (R-ax)
	8.630 34.74	9.505 31.54
	CMA, Havana, Cuba (B-b-31)	PRF5, Rio de Janeiro, "A Voz do Brasil"
		9.510 31.53
		GSB, Daventry, England (R-a-17)

9.520 31.49	radio Espanola, Apartado 951, Madrid.	10.840 27.66
OXY, Skamlebaek, Denmark (R-ax), Chimes strike midnight at 6 p.m., EST.	9.870 30.38	KWV, Dixon, Calif. (A-cy)
9.530 31.46	WON, Lawrenceville, N. J. (A-cy)	10.890 27.53
W2KAF, Schenectady, N. Y. (R-ax), Relays WGY	9.895 30.30	CMA, Havana, Cuba (B-b-31)
9.550 31.30	LSN, Buenos Aires, Argentina (A-b-1)	10.962 27.35
LKJI, Jeloy, Norway. Relays Oslo. (R-a) Director General, Administration des Telegraphes du Royaume de Norvege, Oslo.	9.920 30.22	OCI, Lima, Peru (B-c-25)
9.555 31.38	JDY, Darien (A-z) Works JVU, Tokio.	11.187 26.80
VE3DN, Drummondville, P. Q. (R-a-6)	9.942 30.15	XAM, Merida, Mex. (B-bx), Phones Mexico City
9.560 31.36	GCU, Rugby, England (A-a-16)	11.660 25.71
DJA, Zeesen, Germany (R-a-14) Interval sig.: "Always be True and Honest" played on music box.	9.990 30.01	JVL, Nazaki, Japan (A-38) Works Taiwan.
9.565 31.35	KAZ, Manila, P. I.	11.670 25.69
VUB, Bombay, India (R-z) Indian State Broadcasting Service, Irwin House, Sports Road, Ballard Estate, Bombay.	10.055 29.82	PPQ, Rio de Janeiro, Brazil (B-a-5)
9.570 31.33	SUV, Cairo, Egypt (B-a-10)	11.711 25.60
WIXAZ, Millis, Mass. (R-ax), Relays WBZ-WBZA	ZFB, Hamilton, Bermuda (B-c) Works N. Y.	Radio Coloniale, Pontoise, France (R-ax)
9.580 31.30	10.135 29.58	11.720 25.58
VK3LR, Melbourne, Australia (R-ax) XGBD, Shanghai, China (R-z)	OPM, Leopoldville, Belgian Congo (B-ax)	CJRX, Winnipeg, Man. (R-a-33)
9.585 31.28	10.250 29.25	11.725 25.57
GSC, Daventry, England (R-a-17) VK2ME, Sydney, Australia (R-a-3)	PMN, Bandoeng, Java (A-a-22)	PHI, Mulzen, Holland (R-ax)
9.590 31.26	10.285 29.15	11.750 25.51
W3XAU, Philadelphia, Pa. (R-ax) Relays WCAU	DIQ, Zeesen, Germany (E-a-13)	GSD, Daventry, England (R-a-17)
9.595 31.25	10.290 29.14	11.760 25.50
MBL, Geneva, Switzerland (R-b-30) "Radio Nations"	HPC, Panama City, Panama (B-cy) Phones Hialeah	DJD, Zeesen, Germany (R-a-14)
9.600 31.23	10.330 29.02	11.790 25.43
CT1AA, Lisbon, Portugal (R-ax), Interval signal: cuckoo call.	ORK, Brussels, Belgium (B-bx)	WIXAL, Boston, Mass. (R-ax), Relays WEEI
LQA, Buenos Aires, Argentina (A-b-1)	ORK, Brussels, Belgium (R-ax), Daily at 1 p.m.	11.800 25.40
XETE, Mexico City, Mexico (R-bx)	10.335 29.01	I2RO, Rome, Italy (R-ax)
9.609 31.20	ZFD, Hamilton, Bermuda (A-cy)	11.830 25.34
DGU, Nauen, Germany (B-a-13)	10.350 28.97	W2XE, Wayne, N. J. (R-ax), Relays WABC
9.702 30.90	LSX, Buenos Aires, Argentina (B-cy)	11.865 25.27
GCA, Rugby, England (A-a-16)	10.370 28.91	GSE, Daventry, England (R-a-17)
9.750 30.75	WCG, Rocky Point, N. Y. (E-cy)	11.870 25.25
RKF, Moscow, USSR (B-c) VLJ, Sydney, Australia (A-a-3) Works Java.	10.375 28.89	W5XK, Pittsburgh, Pa. (R-ax), Relays KDKA
WOF, Lawrenceville, N. J. (A-cy)	JVO, Nazaki, Japan (A-z) Works Harbin.	11.900 25.19
9.798 30.60	10.400 28.83	XGOX, Nanking, China (R-29) Relays XGOA (Proposed)
GCW, Rugby, England (A-a-16)	KEZ, Bolinas, Calif. (E-cy)	11.905 25.18
9.823 30.52	10.410 28.80	Rde., Coloniale, Pontoise, France
IRM, Rome, Italy (B-a-20)	KES, Bolinas, Calif. (E-cy)	11.950 25.08
9.830 30.50	10.420 28.77	KKQ, Bolinas, Calif. (E-cy)
LSI, Buenos Aires, Argentina (B-a-1)	XGW, Shanghai, China (B-z-8)	12.000 24.99
9.840 30.47	10.465 28.64	RNE, Moscow, USSR. (R-ax)
FTI, Sts. Assise, France (B-a-11) JYS, Kamikawa-Che, Chiba-Ken, Japan (R-z)	WKC, Rocky Point, N. Y. (E-cy)	12.020 24.94
9.862 30.40	10.520 28.50	JVK, Nazaki, Japan (R-z-38) Works Shanghai.
EAQ, Madrid, Spain (R-a) Trans-	CFA4, Drummondville, P. Q. (B-a-6)	12.148 24.68
	10.550 28.42	GBS, Rugby, England (A-a-16)
	WOK, Lawrenceville, N. J. (A-cy)	12.241 24.41
	10.610 28.25	GBU, Rugby, England (A-a-16)
	WEA, Rocky Point, N. Y. (E-cy)	12.394 24.19
	10.630 28.20	DAF, Norden, Germany (SS-a-15)
	WED, Rocky Point, N. Y. (E-cy)	12.660 23.68
	10.660 28.12	CZA, Drummondville, P. Q. (SS-a-6)
	JVN, Nazaki, Japan (B-z)	12.780 23.46
	10.740 27.92	GBC, Rugby, England (SS-a-16)
	JVM, Nazaki, Japan (A-z)	

12.785 23.45	band. Phones from 14.150 to 14.250 megs.	15.270 19.64
IAC, Coltano, Italy (SS-a-19)	14.450 20.75	W2XE, Wayne, N. J. (R-ax), Relays WABC
12.820 23.38	GBW, Rugby, England (A-a-16)	15.300 19.70
CNR, Rabat, Morocco (B-a-same address as "Rabat")	14.470 20.72	CP5, La Paz, Bolivia (R-ax)
....., Rabat, Morocco (R-ax)	WMF, Lawrenceville, N. J. (A-cy)	15.340 19.55
12.830 23.36	14.480 20.70	W2XAD, Schenectady, N. Y. (R-ax) Relays WGY
HJA3, Barranquilla, Colombia (B-cy)	LSN, Buenos Aires, Arg. (A-b-1)	15.355 19.52
12.840 23.35	YNA, Managua, Nicaragua (B-cy), Phones	KWU, Dixon, Calif. (A-cy)
WOO, Ocean Gate, N. J. (SS-cy)	14.545 20.69	15.415 19.45
WOY, Lawrenceville, N. J.	HPF, Panama City, Panama (B-cy) Phones Hialeah	KWO, Dixon, Calif. (A-cy)
12.930 23.18	TGF, Guatemala City, Guatemala (B-cy) Phones Hialeah	15.440 19.42
WAW, Hialeah, Fla. (B-cy)	TIN, Cartago, Costa Rica (B-b-9)	PRADO, Riobamba, Ecuador (R-ax)
13.185 22.74	TIU, Cartago, Costa Rica (B-b-9)	15.454 19.40
KFZ, Main Base, Little America (B-cy)	14.590 20.55	Rde., Coloniale, Pentaise, France (R-ax)
13,185 13.260	WMN, Lawrenceville, N. J. (A-cy)	15.620 19.19
(22.61 to 22.74 meters) SHIPS.	14.600 20.54	JVS, Nazaki, Japan (A-z)
13.200 22.71	JVH, Nazaki, Japan (A-z-38) Works GCJ	15.650 19.16
CFU, Rossland, B. C. (Consolidated Mining & Smelting Co. of Canada, Ltd.)	14.682 20.42	JVE, Nazaki, Japan (A-z)
KFZ, Main Base, Little America (B-cy)	PSF, Rio de Janeiro, Brazil (A-b-4)	15.762 19.02
KNRA, "Seth Parker" (B-a-37)	14.800 20.26	JYT, Komikawa-Che, Chiba-Ken, Japan (R-z)
13.245 22.64	WQV, Rocky Point, N. Y. (E-cy)	15.821 18.95
KFZ, Main Base, Little America (B-cy)	14.815 20.23	OCJ, Lima, Peru (B-c-25)
13.260 22.61	WQL, Rocky Point, N. Y. (E-cy)	15.860 18.90
KFZ, Main Base, Little America (B-cy)	14.830 20.21	CEC, Santiago, Chile (B-c-7)
13.337 22.48	WKU, Rocky Point, N. Y. (E-cy)	15.863 18.90
YVQ, Maracay, Venezuela (B-cy) Phones Hialeah	14.930 20.08	FTK, Ste. Assise, France (B-a-11)
13.390 22.39	MJB, Bogota, Colombia (B-cy)	16.030 18.71
WMA, Lawrenceville, N. J. (A-cy)	14.969 20.03	KKP, Kahuku, Hawaii (A-cy)
13.465 22.26	EDQ, Madrid, Spain (B-a-23)	16.150 18.56
WKC, Rocky Point, N. Y. (E-cy)	14.980 20.01	GBX, Rugby, England (A-a-16)
13.480 22.24	KAY, Manila, P. I. (A-cy)	16.162 18.55
WAJ, Rocky Point, N. Y. (E-cy)	15.040 19.93	PSA, Rio de Janeiro, Brazil (A-b-4)
13.500 22.09	RKI, Moscow, USSR (B-c) Works RIM	16.270 18.48
GBB, Rugby, England (A-a-16)	WQG, Rocky Point, N. Y. (E-cy)	WLK, Lawrenceville, N. J. (A-cy)
13.560 22.11	15.055 19.91	16.380 18.30
JVI, Nazaki, Japan (A-z-38) Works Harbin.	WNC, Hialeah, Fla. (B-cy)	XGN, Shanghai, China (B-a-8)
13.600 22.05	15.090 19.87	17.080 17.55
JYK, Komikawa-Che, Chiba-Ken, Japan (E-z)	RKI, Moscow, USSR (B-c) Works Rocky Point	GBG, Rugby, England (SS-a-16)
13.690 21.90	15.104 19.85	17.122 17.51
KKZ, Bolinas, Calif. (E-cy)	RAU, Tashkent, USSR. (B-cy)	HAT, Budapest, Hungary (B-a-39)
13.780 21.75	15.120 19.83	17.120 17.51
KKW, Bolinas, Calif. (E-cy)	HVJ, Vatican City (R-ax)	WOO, Ocean Gate, N. J. (SS-cy)
13.810 to 13.830	15.140 19.81	WOY, Lawrenceville, N. J.
(21.71 meters)	GSF, Daventry, England (R-a-17)	17.260 17.37
SUZ, Cairo, Egypt (B-a-10)	15.200 19.73	DAF, Norden, Germany (SS-a-15)
13.870 21.61	DJB, Zossen, Germany (R-a-14)	17.310 17.32
WIY, Rocky Point, N. Y. (E-cy)	15.210 19.71	CZA, Drummondville, P. Q. (SS-c-6)
13.900 21.57	W8XK, Pittsburgh, Pa. (R-ax), Relays KDKA	W3XL, Soundbreak, N. J. (R-a-37)
WQP, Rocky Point, N. Y. (E-cy)	15.234 19.68	17.512 17.12
13.984 21.44	Rde., Coloniale, Pentaise, France (R-ax)	DFB, Nauen, Germany (B-a-13)
GBA, Rugby, England (A-a-16)	15.250 19.66	17.532 17.10
14.000 to 14.400	W1XAL, Boston, Mass. (R-ax), Relays WEEI	VWZ, Kirkee, Poona, India (B-z)
(20.82 to 21.42 meters), amateur		17.600 17.04
		KFZ, Main Base, Little America (B-cy)

17.620 17.01	18.400 16.29	EDX, Madrid, Spain (B-a-28)
KFZ, Main Base, Little America (B-cy)	PCK, Kootwijk, Holland (A-b-18)	Phones Chile
17.720 16.92	18.444 16.25	19.680 15.24
HSP, Bangkok, Siam (BX-a-27)	HJY, Bogota, Colombia (B-cy)	CEC, Santiago, Chile (B-c-7)
17.760 16.88	18.611 16.11	19.820 15.13
DJE, Zeesen, Germany (E-a-14)	GAU, Rugby, England (A-a-16)	WKN, Lawrenceville, N. J. (A-cy)
17.770 16.87	18.670 16.06	19.895 15.07
IAC, Ceitano, Italy (SS-a-10)	OCI, Lima, Peru (B-cy)	LSG, Buenos Aires, Arg. (A-b-1)
17.775 16.87	18.690 16.04	19.980 15.01
PHI, Hulzen, Holland (R-ax)	XGK, Shanghai, China (B-b-8)	KAX, Manila, P. I. (A-cy)
17.780 16.86	18.820 15.93	20.028 14.97
W3XAL, Boundbrook, N. J. (R-a-37)	PLE, Bandoeng, Java (A-a-22)	DHO, Nauen, Germany (B-a-13)
W5XK, Pittsburgh, Pa. (R-ax)	18.860 15.89	OPL, Leopoldville, Belgian Congo (B-ax)
W9XAA, Chicago, Ill. (R-ax)	WKM, Rocky Point, N. Y. (E-cy)	20.100 14.91
17.790 16.85	18.890 15.87	WQY, Rocky Point, N. Y. (E-cy)
GSG, Daventry, England (R-a-17)	ZSS, Capetown, Union of S. Africa (A-a)	20.368 14.72
17.800 16.84	18.958 15.82	GAA, Rugby, England (A-a-16)
XGOX, Nanking, China (R-29)	LSR, Buenos Aires, Arg. (B-b-1)	20.606 14.55
Relays XGOA (Proposed)	18.963 15.81	PMB, Bandoeng, Java (A-a-22)
17.830 16.82	GAG, Rugby, England (A-a-16)	20.820 14.40
PCV, Kootwijk, Holland (A-b-18)	19.121 15.68	LSY, Buenos Aires, Arg. (B-b-2)
17.860 16.78	LSM, Buenos Aires, Arg. (A-b-1)	20.849 14.38
WQC, Rocky Point, N. Y. (E-cy)	19.182 15.63	EHY, Madrid, Spain (B-a-28)
17.880 16.76	ORG, Brussels, Belgium (B-ax)	21.020 14.27
WQI, Rocky Point, N. Y. (E-cy)	19.220 15.60	LSN, Buenos Aires, Arg. (A-b-1)
18.020 16.64	WKF, Lawrenceville, N. J. (A-cy)	21.060 14.24
KQJ, Bellas, California (E-cy)	19.240 15.58	KWN, Dixon, Calif. (A-cy) Phones Kokohead, Hawaii
18.170 16.50	DFA, Nauen, Germany (B-a-13)	WKA, Lawrenceville, N. J. (A-cy)
PMC, Bandoeng, Java (A-a-22)	19.270 15.57	21.069 14.23
18.180 16.49	PPU, Rio de Janeiro, Brazil (A-b-5)	PSA, Rio de Janeiro, Brazil (A-b-4)
CGA, Drummondville, P. Q. (A-c-6)	19.282 15.55	21.128 14.19
18.190 16.48	FTM, Ste. Assise, France (B-a-11)	LSM, Buenos Aires, Arg. (A-b-1)
JVB, Nazaki, Japan (A-z-38) Works PLE, PLV	19.418 15.44	21.410 14.00
18.200 16.47	EDQ, Madrid, Spain (B-a-28)	WKK, Lawrenceville, N. J. (A-cy)
GAW, Rugby, England (A-cy)	19.500 15.38	21.460 13.97
18.296 16.39	LSQ, Hurlingham, Buenos Aires, Arg.	W1XAL, Boston, Mass. (R-ax)
YVR, Maracay, Venezuela (B-cy)	19.506 15.37	21.470 13.96
18.304 16.38	IRW, Rome, Italy (B-a-20)	GSH, Daventry, England (R-a-17)
GAS, Rugby, England (A-a-16)	19.519 15.36	21.540 13.92
18.350 16.34	EDN, Madrid, Spain (B-a-28)	W5XK, Pittsburgh, Pa. (R-ax)
WLA, Lawrenceville, N. J. (A-cy)	Phones Canaries	22.201 13.45
		GBU, Rugby, England (A-a-16)

Each issue of RADEX contains tuning times and station tips. The "Around the Clock" chart published each month shows just when to tune in the principal stations.

For addresses of short wave stations, see the December RADEX.

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DIRECTIONS—Turn the dial here, other A. M. or P. M. in the sector marked "TODAY" opposite your own zone and the correct time in all other zones in the world will be shown. It will also be indicated which of the other zones are "Yesterday" and which are "Tomorrow". The position of daylight, darkness and dawn is graphically shown. Or, if you desire to tune in a New Zealand program, turn the hour of the program (say 9:00 a.m.) to the New Zealand sector and you will find that it is 4:30 A.M. some days in Eastern Standard Time or 11 P.M. yesterday in Hawaii.

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All-Wave

Non-Technical

Published Monthly excepting July and August

RADEX is the magazine of the radio hobby. It gives the time on the air for all stations. It gives all the information about each station in North America—its frequency and wave-length, its chain affiliation, daytime and night power, whether it will verify reception and whether it has a souvenir stamp and the price, whether it is Daytime or Sunday only, whether it synchronises with any other station, what stations it shares time with—in fact **RADEX** answers every question one can ask about broadcasting stations.

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