

HIGH FREQUENCIES (EST) - By Earl R. Roberts

Mcs.	Call	Location
15.230	I2R014	Rome, Italy, received R7 with operatic music, 3-4 P.M. (Barney Ahman, Md.)
15.200	XGOX	Szechwan, China, schedule:- 9:00-11 P.M. directed toward N.A. & Japan.
11.900	XGOY	Szechwan, China, schedule:- 5:30 A.M.-11:50 A.M., 2 P.M.-6:20 P.M. Power of both stations 35 Kw. Verified report of August 27, 1939, with pink card (location then Chungking). T. Y. Woo, Director, sent a nice personal letter stating that China at present has only two shortwave stations, XGOY and XGOX at Szechwan, and XPSA in Kewichow Province, and that the Canton station was evidently established by the Japanese controlled puppet regime. All reports to XGOY are appreciated very much. (Roberts Ind.)
	I2R013	Rome, heard R9 plus from 6:30-7 P.M. with opera selections. (Ahman)
11.830	VLW3	Perth, Western Australia, heard well from 9:30-10:30 A.M. (R. Legge, N.Y.)
11.805	COHC	(Reported as RHC, Radio Havana Cuba, by R.B. Oxrieder, Canal Zone), logged with dance music and announcements at 7 P.M. (Ahman)
11.760	I2R015	Rome, with operatic selections at 6:30-7 P.M. (Ahman)
11.740	Eire	Athlone, Eire, R7 at 6-7 P.M. with concert music. (Ahman)
11.480	CXA7	Montevideo, Uruguay, relaying CX26, now being heard. (R. B. Oxrieder)
11.110	XDHX	Banco Nacional de Mexico, testing irregularly. Call may be XEHX. (Oxrieder)
9.603	----	Radio Centre, Moscow, varies to 9.686 mcs., sometimes on one side and again on the other of GRX, heard around 6 P.M. (Oxrieder)
9.680	????	Still positively unidentified is this station. Although signals peak R6-7 the call cannot be heard. Programs seem to be mostly in the Russian and Polish languages with announcements by a lady. Best about 6 A.M. (Hart, NJ)
9.640	CR7BE	Lourenco-Larques, Mozambique, Box 594, peaks around R7-8 plus, from 3-4 P.M. QRM from an unidentified station, too weak for CX48. Not heard on Sunday, so possibly transmits Wednesday and Saturday. (Desmond Callan, Mass.)
9.615	VLQ	Sydney, Australia, NEW station, R9 at 7 A.M. with directional antenna for North America. Heard same day (12/19) signing at 6:45 A.M. after program directed toward South America. (Callan, Roger Legge)
9.595	Eire	Athlone, with Christmas Carols and speech in Gaelic to sign off at 4:30 P.M. (Barney Ahman)
9.550	VUB	Bombay, India, is now coming through well around 9:30 P.M. (Oxrieder)
8.920	YNA	Managua, Nicaragua, contacted Cartago, C.R., at 7 P.M. (Roger Legge)
8.790	TIN	Cartago, Costa Rica, contacted HRE2, Tegucigalpa, Honduras, at 7:50 P.M., then switched to scrambled speech. (Legge)
7.100	FO8AA	Papeete, Tahiti, after 2 years and 5 reports, verified with a raply card. (Legge) Verified from 1/24/39 with small white card in French and 3/4" red letters. (Jimmy Hart, N.J.)
6.185	TIRCC	San Jose, Costa Rica, is now heard on this frequency. (Oxrieder)
6.130	CHNX	Halifax, Canada, R9, from 10:45 to sign off at 11:15 P.M. (Gonzalez, Cuba)
6.053	HJFA	La Voz de Pereira, Pereira, Colombia, formerly HJ6ABA, is now using this new call. (Legge)
5.980	HH2S	Port-au-Prince, Haiti, R8 from 10-10:15 P.M. at sign off. (Gonzalez)
5.888	----	Stations on the Boston and Maine Airways heard throughout the day are:- WAQP, Augusta, Me.; WAQD, Bangor, Me.; WAJZ, Boston, Mass.; WAQC, Burlington, Vt.; WARK, Caribou, Me.; WAQQ, Concord, N.H.; WARF, Houlton, Me.; WAPL, Lewiston, Me.; WAQM, Manchester, N.H.; WARZ, Millinocket, Me.; WAQW, Montpelier, Vt.; WAQK, Portland, Me.; WAQL, Waterville, Me.; WVPN, Montreal, Quebec. Night frequency is 2.946 mcs. Of all airway stations the ones on this line are easiest to identify. (Charles Leboeuf, Mass.)
5.770	YN--	La Voz del Aire, Managua, Nicaragua, heard frequently till 10 or 10:30 P.M., last letters not identified. (Legge)
4.835	HJAE	Cartagena, Colo., Apartado 31, R9 plus 9:45-10:15 P.M. (Danecker, Penna.)
4.815	HJBB	"La Voz de Cucuta", Cucuta, Colo., R9 plus at 9:30-10 P.M. (Danecker)
4.495	----	Army planes #6277 and 7352 heard recently. (Leboeuf)
4.290	COX7	Ciudad Militar, Havana, Cuba, owned by Ejercito Constitucional (Constitutional Army), relays OMZ, 5 Kw., 920 kcs. Signs 10:30 P.M., R9 plus. (Richard Danecker, Penna., Desmond Callan, Mass.)

HIGH FREQUENCIES (EST) - Continued from page 5.

<u>Mcs.</u>	<u>Call</u>	<u>Location</u>
3.410	WWCL	LHT Oak in contact with WWXW, LH Depot at St. George, Staten Island. (Leboeuf)
2.770	----	Immigration Border Patrol Cars #38 and #22 at Beacher Falls, N.H., right on the Canadian border heard with good volume. (Leboeuf)
2.738	KLHM	Tug PeJepscot, at 9:10 P.M.; WNQZ, Yacht Jackpau III, at 6:20 P.M.; WGOS, Yacht Happy Days, at 6:20 P.M. (Leboeuf) WTJO, S.S. Panama, verified very promptly by letter from F. H. Gardner, Chief Operator, S.S. Panama, Pier 65, North River, New York. Transmitter is an RCA ET-8012-A, 75 watts, using a 50 foot vertical antenna. The report was the first received. (Legge)
2.604	WZAP	Dredge Merriweather Lewis, at Cairo, Illinois, power 750 watts, logged at 6:10 P.M. (Leboeuf)
2.198	WCWU	Tug Ideal in contact with WOX at 7:40 P.M. (Leboeuf)
2.118	WLOXKG	S.S. Alex Mackenzie in contact with W9XTD, Lake Bluff, Ill., at 6:20 P.M. W9XTD was on 2.514 mcs. (Leboeuf)

A COMPLETE LIST OF NORWEGIAN PHONE STATIONS.

<u>Mcs.</u>	<u>Call</u>	<u>City</u>	<u>Mcs.</u>	<u>Call</u>	<u>City</u>	<u>Mcs.</u>	<u>Call</u>	<u>City</u>	<u>Mcs.</u>	<u>Call</u>	<u>City</u>
6.130	LKJ	Oslo	9.572	LKE	Jeløy	13.980	LCO	Jeløy	19.910	LCK	Jeløy
6.185	LLI	Oslo	9.610	LLG	Oslo	14.445	LHG	Jeløy	19.930	LCS	Jeløy
6.195	LLJ	Oslo	9.645	LLH	Oslo	14.925	LHH	Jeløy	20.450	LHI	Jeløy
6.990	LKL	Jeløy	9.776	LHC	Jeløy	15.170	LKV	Oslo	20.540	LHJ	Jeløy
7.210	LLS	Oslo	10.715	LCN	Jeløy	15.175	LLM	Oslo	20.630	LHK	Jeløy
7.240	LLR	Oslo	11.735	LKQ	Oslo	15.670	LCQ	Jeløy	21.460	LKY	Jeløy
8.025	LCL	Jeløy	11.830	LKU	Oslo	17.755	LKW	Oslo	21.500	LKZ	Jeløy
9.530	LKC	Oslo	11.850	LLK	Oslo	17.785	LKX	Oslo	21.670	LLP	Oslo
9.540	LKJ	Jeløy	11.960	LHE	Jeløy	17.805	LLC	Oslo	21.730	LLQ	Oslo
9.550	LLD	Jeløy	12.115	LHF	Jeløy	17.825	LLN	Oslo	25.900	LLA	Jeløy
						17.825	LCF	Jeløy	26.350	LLC	Jeløy

LIST OF DANISH PHONES

<u>Mcs.</u>	<u>Call</u>	<u>Mcs.</u>	<u>Call</u>	<u>Mcs.</u>	<u>Call</u>
6.042	OXY2	12.085	OXT2	17.190	OXV
6.060	OXY	12.245	OXT3	17.750	OZI
6.170	OXY3	12.275	OXT4	17.810	OZI2
6.685	OZS	12.297	OXT	17.835	OZI3
6.787	OZS	14.705	OZW	21.710	OZX
7.260	OZO	15.165	OZH	10.605	OWZ
9.520	OZF	15.320	OZH2	5.725	OXL
11.805	OZG	15.330	OZH3	5.703	OXW

These stations are all located in Skamlebak, Denmark. There are several radio stations in Greenland operating exclusively on CW, but the only one we find listed on both CW and phone is:- OXM, 8.403 mcs., Scoresbysund, Greenland, 75 watts. The exact location is:- 21 57 12 W, and 70 29 08 N.

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Mcs.	Call	Location
17.735	TPC3	Paris Mondial logged R9 at 8:40 A.M. with band program. (Roberts, Ind.)
15.300	I2R06	Rome, heard with war news in Italian from 10-10:20 A.M., a man and lady announcing in Italian and English. (Sergio Gonzalez, Cuba) Heard from 3-4 P.M. with operatic music. (Bernard Ahman, Md.)
15.170	RW100	Tachkent, Turkestan, USSR, believed to be the phone logged at 8:17 A.M., 1/1, with girl calling in Russian. Signal R7. (Roberts)
11.860	----	Unidentified station playing weird music similar to the Indian stations heard at the unusual hour of 1:25 P.M., 1/1, R6. Any identification?(ER)
11.720	CJRX	Winnipeg, Manitoba, R8, at 8:15 A.M., 12/25. (Sergio Gonzalez)
9.890	LSN2	Hurlingham, Argentina, contacting WOG at 8:50 P.M. (Roger Legge, N.Y.)
9.750	HJ6FAH	Armenia, Colombia, heard evenings. Is a harmonic of 4.875 mcs. (Legge)
	ZRO	Durban, South Africa, news in English at 3:00 P.M., followed by program of popular dance music to sign off at 3:46. (Roberts)
9.740	CSW7	Lisbon, Portugal, "Emisora Nacional", war news from 8:45-9 P.M. signing at this time. (Gonzalez, Ahman)
9.607	HP5J	Panama City, announced frequency, R8 at 9-9:35 A.M. (Gonzalez)
9.465	TAP	Ankara, Turkey, silent for several days following the earthquake, again heard R9 at 2:30 P.M., 1/1. (Roberts) Concert music at 3:30 P.M. (Ahman)
9.125	YCC	Balikpapan, Dutch Borneo, (formerly YCP), verified by manager J. B. Broekhuizen, operator of PK5KF. Heard phoning Java around 6:30-7:15 A.M. (Roger Legge, N.Y.)
8.580	COX7	Ciudad Militar, Havana, Cuba, harmonic of 4.290, heard evenings. (Legge)
8.571	XFIN	Merida, Yucatan, heard contacting Vera Cruz at 7 P.M. (Legge)
6.790	PZH	Lands Radiodienst Suriname, Postbus 150, Paramaribo, Suriname, verified reception of November 3rd and 4th with attractive card showing transmitters and country flag in two colors. Power 25 watts. The stations is announced as "Hier is de Avros te Paramaribo op een golflengte van 44 meter en op een frequentie van 6800 kiloperioden." (Roberts)
6.510	OZ7Q	Rimoski, Quebec, of the Quebec Airways, contacting CY6I, Lac La Chase, at 7:15 A.M. on same frequency. (Charles Leboeuf, Mass.)
6.445	TGWB	Guatemala City, now on this frequency 1/1 having shifted from 6.415. (ER)
6.335	OAX1A	Chiclayo, Peru, shifted here from 6.180 mcs. (Legge)
6.315	H1LZ	Trujillo City, call changed from H1Z. (R. B. Oxrieder, Canal Zone)
6.165	HJCD	Bogota, Colombia, now logged on this frequency. (Oxrieder)
6.100	WNBI	New York City, changes from 17.78 to this frequency at 8:15 P.M. for special tests and is anxious for reports, especially from Central and South America. Will our Southern members please report as to the clarity of the signal at this hour and amount of interference? (Desmond Callan)
6.030	XEKW	"El Eco de Michoacan", Morelia, Michoacan, Mexico, verified promptly by letter from Ing. Jose Martinez Ramirez. Power is 500 watts and station was inaugurated September 30. (Legge)
6.010	PRA8	Pernambuco, Brazil, finally logged after many unsuccessful attempts, with late program 12/31. Heard them ring in the new year at 10 P.M. and sign off at 10:13 P.M. with band selection. (Roberts)
5.855	TGX1	Guatemala City, verified promptly with nice card, blue call on pink and green background. (Legge)
5.824	TIGPH	"Station A. La Reina del Aire", San Jose, on this announced frequency at 7:15 P.M. (Gonzalez)
5.758	YNJAT	"La Voz del Aire", Leon, Nicaragua, operated by Jose Augustin Tijerino S., heard with fair signal till 10 P.M. or later. This is the 5.77 mcs. station mentioned last week. (Legge)
5.653	----	Stations of the National Air Lines:- WARE, Jacksonville, Fla.; WAGK, Miami; WASG, Tampa; WAJY, St. Petersburg; WARJ, Daytona Beach; WATE, Pensacola; and WARL, Lakeland, Fla. These also on 2.946 mcs. (Leboeuf)
4.955	YV5RH	"Ondas Populares", Caracas, now heard. YV5RU seems to have gone. (RBO)
4.864	HJFK	"La Voz Amiga", Pereira, Colo., operates on this frequency evenings and on 9.730 mcs. coming on at 7:05 A.M. Verified promptly with card having small red call. Power 2500 watts. (Legge, RBO) HJBJ now missing. (RBO)

HIGH FREQUENCIES (EST) - Continued from page 5:

<u>Mcs.</u>	<u>Call</u>	<u>Location</u>
4.790	YV5RY	Caracas, Venezuela, now back on this frequency. (Orieder)
3.420	CY5A	Portable in Northern Saskatchewan, heard at 8:40 P.M. contacting other stations on same frequency, all speaking French. (Legge)
3.410	WRO	Winter Quarter Shoal Lightship, Va., working WRV, Diamond Shoal Lightship, N.C., at 9:31 P.M. (Roberts)
2.738	WDJY	Trawler Governor Al Smith heard. (Leboeuf)
2.340	TGWC	Guatemala City, heard with fair signal in late evenings. On Tuesdays at 10:30 P.M. operates in the National Guatemala Network composed of TGW, TGWA, TGWB, TGWC, TGI, TG2, TGQ, TGQA, TGX, and TGX1. (Legge)
2.198	WOXD	Tug Flushing in contact with WOX. (Leboeuf)

STATION NOTES

The November supplement from Berne, Switzerland, lists several new stations. New calls and frequencies for the Radio Club of Mozambique are:-

CR7AB 3.490 mcs., 600 watts.	CR7BD 15.240 mcs., 600 watts.
CR7BE 9.645 mcs., 10 kw.	CR7BG 15.285 mcs., 10 kw.
CR7BF 11.835 mcs., 10 kw.	CR7BI 17.915 mcs., 10 kw.

YNJAT, Leon, Nicaragua, operated by J. A. Tijerino; is licensed for 1 Kw. on 9.660 mcs. for broadcasting.

HC2RB, Guayaquil, Ecuador; is a new broadcaster of 50 watts on 9.800 mcs.

HC1GP, Ecuador Amazonico, Ecuador, "La Voz del Ecuador", 200 watts, on 9.615 mcs.

KZIB, I. Beck, Inc., Manila, Philippine Islands; 6.040 mcs., uses 500 watts.

KZRF and KZRM are both listed on 6.140 mcs., 1 Kw., with identical characteristics. On 9.570 mcs., KZRF is listed with 1 kw., KZRM with 6 Kw., and the same on 11.840 mcs. Both stations use 1 kw. on 15.300 and 17.780 mcs.

St. Denis, Reunion Island, is to have a broadcast station operated by P.T.T. Reunion, on 4.807 mcs., 80 watts, and 9.615 mcs., 80 watts.

OQ2AB, Leopoldville, Belgian Congo, transmits programs for the interior on 6.010 and 15.320 mcs., with 50 watts.

The Avalon Telephone Co., St. Johns, Newfoundland, operates VOFC, 1.710 mcs., and VOFD, 1.604 mcs., both 500 watts, while the Minister of Telephone and Telegraph has VOJD, Port Hops Simpson, Labrador, on 1.700 mcs. VOFG operated by Avalon Telephone is listed on 4.245 mcs., and 5.475 mcs., 500 watts, location Winsor, Nfld.

Cia Bananera del Ecuador operates CW and phone stations HC2AG, Buena Fe, and HC2GS, Bulu-bulu y Jagua, on 4.170 mcs., 100 watts.

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Mcs.	Call	Location
15,250	CR7BD	Lourenco-Marques, Mozambique, operates from 2-4 P.M., heard with weak signal. CR7BE, 9.645 mcs., is much stronger while CR7AA, 6.130 and CR7AB, 3.490 mcs., cannot be heard. (Roger Legge, N.Y.)
12.000	CB1180	Santiago, Chile, shifted from 11.97 mcs., and is now on top of and completely covering RNE, Moscow. (M. W. Soplop, N.Y.)
11.870	VLQ2	Sydney, Australia, NEW station heard 12/20, 2:30-5 A.M. (I.D.A.)
11.830	VLW3	Perth, is on at present to 10:30 A.M. Midnight mass celebrations were heard at 11:30 A.M., 12/24. (Soplop; Jimmy Hart, N.J.) Stated they were operating on an experimental basis. (Mrs. Mary Page, Okla.)
11.825	CXA14	Montevideo, Uruguay, relaying LR6, while at times the programs of LR3 relayed by CXAS, 9.64 mcs., can be distinctly heard in the background. Who can solve this mystery? (Soplop)
11.800	COGF	Matanzas, and JZJ, Tokyo, have a royal battle for supremacy on the 4:30-5:30 P.M. transmission of the latter station. Both R9 plus. (Soplop)
11.780	----	Radio Saigon heard R8-9 with French program at the unusual hour of 7:00 P.M., signing at 7:10. (Jimmy Hart) Heard with midnight mass celebration at 12:30 P.M., 12/24. (Soplop)
11.720	ZP14	Villarica, Paraguay, and CJRX, Winnipeg, another case of duo interference. However CJRX is generally the stronger. ZP14 signs at 7:50 P.M.; CJRX at 8:30 P.M. and has been on almost daily since resuming operations November 24. (Soplop)
11.650	XGOK	Canton, China, is the station call as given by a lady during the daily English news broadcast from 8:10-8:25 A.M. This station is under Japanese control. (Soplop)
9.680	----	The mystery station heard mornings on this frequency was heard to announce at 7 and 7:30 A.M. as "Na Polski Radjo", no location given, but seeming to indicate the station is Polish. The listener, Jimmy Hart, lives in a Polish neighborhood and could pick out a few words now and then. (Hart, N.J.)
9.635	I2RO3	Rome, with 2RO4 and 2RO6, sent a special program to the NBC by news commentator Hillman. Is on each Sunday from 10-10:15 P.M. New York contact stations were WEL, 8.95, and WQO, 6.725 mcs. (Roberts, Indiana)
9.615	VLQ	Sydney, now being widely heard with strong signals. Announces as V for Victory, L for Loyalty and Q for Quality. Signs on at 7 A.M. with the North American program. Slogan "The Voice of Australia". Program from 2-4 A.M. directed toward Europe. Also announces at times as "VLQ and VLQ3" but frequency of latter station unknown yet. Heard station call, frequency, and news in German from 3:55-4:04 A.M. (Mrs. Page; Richard Daneker, Pa.; Hart)
9.535	SEU	Motala, Sweden, in parallel with SBP, 11.705 mcs., logged R6, from 8-9 P.M. with Sunday night program, 1/7. Announced in English at 9 P.M. (ER)
8.100	YVO	Venezuela phone in contact with YVA, 7.88 mcs., at 7:30 A.M., using scrambled speech. (Norman Kriebel, Penna.)
7.930	X---	Believed to be a Chinese station heard with strong signals 7:15-8:15 A.M. Clock strikes 8 times at 8 A.M. (Roger Legge) Station identification, wavelength, address, and program summary, all given in English at 8:30 A.M. but could not identify. (Kriebel)
7.540	----	Unidentified French phone; R9, sent a program to WOR direct from the Western Front trenches, 1/2, at 9-9:30 P.M. (Roberts)
7.280	TPB-	Paris Mondial, is again heard well on a midnight broadcast. (Roberts)
6.085	----	Who is the broadcaster heard with weak signals 3-6 P.M. (Kriebel)
6.041	KZIB	Manila, P.I., weak to fair around 7 A.M. in parallel with their 9.492 mcs. transmitter, much stronger on latter frequency. (Legge)
5.643	----	Stations on the Trans-Canada Airlines identified about 7 A.M. are:- CYR, Ottawa; CYD, St. Hubert; CYT, Toronto; CYF, Winnipeg; CYN, North Bay; and CYL, Wagaming. Complete list of these stations in the Dec. 11 bulletin. (Charles Leboeuf, Mass.)

HIGH FREQUENCIES (EST) - Continued from page 5.

<u>Mcs.</u>	<u>Call</u>	<u>Location</u>
4.480	----	Unidentified Latin American commercial phone is heard R9 almost daily at 6-6:15 A.M. Mentions Medellin so might be Colombian. Americans use the fone but the operator is a Spanish lady. (Kriebel)
4.220	WZD	Pope Field, Fayetteville, N.C., US Army radio heard at 8:40 P.M. (Leboeuf)
3.415	WSEF	Gatlinburg, Tenn., verified by letter from J. R. Eakin, Superintendent. WSEF, 50 watts; is control station of forest fire control radio net in Great Smoky National Park. (Legge)
3.410	WRA	Barnegat Lightship, N.J., at 4:40 P.M. WRF, Relief Lightship #78 heard at 4:40 P.M. (Leboeuf)
2.738	WTWY	Ship S.S. Ancon at 8:45 P.M. (Leboeuf)
2.670	----	USCG Sandy Hook surf station in contact with Rockaway Point at 6:55. (Leb.)
2.604	WYEP	Dredge Merriweather Lewis, a correction of the report in the January 1st bulletin. (Leboeuf)
2.022	WAOB	Bellmore, N.Y., R9 plus at 11:50 P.M., 1/5, testing and relaying NBC programs. (Legge)

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Mcs.	Call	Location
30.600	KQAH	Alhambra, California, police, R7, at 2:03 P.M. testing with car 1.(ERR)
15.280	DJQ	Berlin, R8, with English lessons by man and lady from 8:15-8:25 A.M., 1/2. (Sergio Gonzalez, Cuba)
15.270	WCBX	New York, R9, with news from 12:30-1:00 P.M. (Gonzalez)
15.220	PCJ	Huizen, Netherlands, R9, Q5, from 7:40-7:55 A.M., 1/2. (Gonzalez)
15.200	DJB	Berlin, R8, from 7:55-8 A.M., 1/2, getting ready for the special war news correspondent of the NEC from 8-8:05, and for the CBS from 8:05-8:10 A.M. WCBX relayed this program on 21.57 mcs. (Gonzalez)
11.855	DJP	Berlin, identified by M.W. Soplop as the station reported in 1/8 bulletin with Oriental program at 1 P.M. The same type of music and vocalizing may be heard over ZAA, 7.85 mcs., and on the Arabic programs of the following stations from approximately noon-2 P.M.: 2R06, 15.3; 2R04, 11.81; 2R03, 9.63; IQY, 11.70; TPB, 11.685; DJP, 11.855; DXE, 9.61; GSC, 9.58; and GSP, 15.31 mcs. (M. W. Soplop, N.Y.)
11.800	COGF	Matanzas, Cuba, still on this frequency. The RHC they refer to is the network Radio Habana Cuba of which they are a unit. (Soplop; Legge, N.Y.)
11.780	----	Radio Saigon, Indo-China, now coming through every night playing 4-5 selections until about 6:45 P.M., then news in French, and sign off about 7:12 P.M. with the French National Anthem. (Jimmy Hart, N.J.)
2.810	HJAG	Emisoras Atlanticos, Barranquille, Colo., heard testing on about this frequency (announced as 30 meters), 1/10, at 5:55 P.M. Announcer signed off then and although it seemed to be a test program, the station may switch to this frequency. (Desmond Callan, Mass.)
9.770	HH3W	Port-au-Prince, Haiti, heard here 1/5 signing off at 9:07 P.M. in several languages. R9 plus signal. (Richard Daneker, Pa.)
9.680	XEQQ	Mexico City, covers Paris Mondial almost every night now. (Callan)
9.660	LRX	Buenos Aires, "Radio El Mundo", signs on at 5:30 A.M. in Spanish and English continuing to about 6:45. (Callan; Hart)
9.650	I2AA	Addis Abeba, I.E.S., now R6 at 2 P.M. Will transmit a special program for the IDA January 21, Sunday, 5:00-5:30 P.M. (Desmond Callan, IDA)
9.645	CR7BE	Laurence Marques, Mozambique, seems to transmit Mondays, Wednesdays, Fridays, and Saturdays, 2-4 P.M. During the program 1/12 they also announced a station in Angola (CR6) but not CR6AA. (Jimmy Hart)
9.570	DJA	Berlin, thought to be the German station heard 1/5 (one night only) on top of WBOS as they were not on their assigned 9.56 mcs. (Callan)
9.535	SEU	Motala, Sweden, seems to transmit every weekday night 8-9 P.M. in English and Swedish for N.A. together with SEP, 11.705 mcs. (Callan)
8.795	----	New broadcaster heard with rather poor quality daily from 3:15-4 P.M. using French only. Does not sign off with the French anthem "Marsellaise" however, and although no call is heard, it is thought to be CNP, Casa-blanca, French Morocco. (Norman Kriebel, Pa.)
8.660	WOO	Ocean Gate, N.J., heard calling the Rex on this frequency for first time since the start of the war. (Charles Leboeuf, Mass.)
8.415	CMY	Observatorio del Colegio de Montserrat, Cienfuegos, Cuba, heard broadcasting irregularly around 8:30 A.M. and 4-5 P.M. Is non-commercial and always relays "Gadana Central de Radio". (Norman Kriebel)
7.977	WGA	Lawrenceville, N.J., with WRX, calling IRF, Rome, at 12:35 A.M. (Roberts)
7.960	----	The Oriental station is still coming through with good signals 7:30-8:30 A.M. or later. Seems to be a Japanese controlled transmitter and call sounded something like JZD but not sure. (Kriebel) Received R6 in Indianapolis with girl announcer in English at 8:03 A.M. following a clock striking the hour and series of chimes, "Good evening, ladies and gentlemen, this is Hankow calling". We are not certain of the city as due to static it might be Hangchow or something similar. Programs seem to feature American dance tunes prominently with the chimes used as an interval signal. (Roberts)
7.650	TYE4	Paris, in contact with a New York station near 7.600 mcs. (Leboeuf)
6.610	YNLG	Managua, Nicaragua, verifies with very nice card, address: Cesar Guerra, Director-Gerente, Radio Emisora Nacional, YNLG Rueben Daric. (Daneker)

HIGH FREQUENCIES (EST) - Continued from page 5.

Mcs.	Call	Location
6.355	HRP1	San Pedro Sula, Honduras, heard signing at 10:06 P.M. with march. (Roberts)
6.345	HH3W	Port-au-Prince, signing at 9:30 P.M., 1/10. This station either uses two frequencies or must switch from 9.77 to 6.345 mcs. at will. (Roberts)
6.190	HVJ	Vatican City, logged at 9:30 P.M., Sunday, 1/7, signing on with tolling of St. Peter's Bells. (Kriebel)
4.795	HJDX	Ecos de la Montana, Medellin, formerly HJ4DAX, heard 5-10:35 P.M. relaying HJDC. Signs with the Washington Post March. (Roger Legge)
3.410	NNBD	Brenton Reef LS, Rhode Island, and NNBS, Pollock Rip Lightship, Mass., in contact with NMF, Winthrop Radio, Mass., at 8:20 P.M. NRWU, LHT Wisteria; NRWU, LHT Narcissus; and NRWT, LHT Linden, all in contact with Cape Henry Lighthouse, Va. These are the calls of the US Coast Guard Lighthouse Tenders. (Leboeuf)
2.698	----	USCG at Mackinac Island in contact with Charlevoix, Michigan, at 9:15 P.M. Heard working Cleveland Radio at 10:00 P.M. (Leboeuf, Roberts)
2.670	WSN	Lightship #109 in contact with Princess Ann at 6:30 P.M. The new USCG call for the ship is NNGZ but they do not have authority to use it yet. (Leb.) Grand Isle Station working Mobile Radio at 9:10 P.M. (Roberts)
2.198	KJFK	Tug Charles P. Geenough contacting WOX at 7:05 P.M. (Leboeuf)
2.118	----	Yacht Narcissus working WDR, 2.514, Miami, at 9:20 P.M. (Leboeuf)

Desmond Callan writes that it was announced over the London BBC at 7:30 P.M., 1/12, that the Lahti, Finland, SW transmitter had been hit by a bomb and would be out of operation "for some time." This has been confirmed by our own daily papers.

Richard Daneker heard a great number of Venezuela stations on a network at 11:45 P.M., December 31. These were logged: YN5RN, 5.035; 4RQ, 5.02; 5RM, 5.01; 3RX, 4.99; 1RJ, 4.975; 5RS, 4.96; 4RQ, 4.95; 5RO, 4.94; 4RP, 4.93; 5RU, 4.92; 1RY, 4.91; 6RT, 4.90; 1RX, 4.89; 6RU, 4.88; 2RN, 4.87; 1RL, 4.86; and 1RZ, 4.85 mcs. YV5RS, 4.96 mcs., signed at 2:29 A.M., January 1.

Most of us know that a ban has been placed on listening to foreign broadcasts in Germany. The exact details as provided in the ordinance of August 30, 1939, provides:-

1. Listening to foreign transmitters is prohibited. Persons violating this prohibition shall be condemned to forced labor, or in less serious cases, to prison. The receiving apparatus of the guilty parties shall be confiscated.
2. Whoever disseminates news from foreign transmitters shall be condemned to forced labor, or in serious cases, to death.
3. Any person who shall violate the rules promulgated under Par. 6 of this ordinance shall likewise be punished by forced labor or imprisonment.
4. The provisions of this ordinance do not apply to acts committed in the performance of official duties.
5. Violations of the present ordinance shall be judged and punished by special courts.
6. The Reich Minister of Education and Propaganda shall punish the legal and administrative regulations necessary to carry out the present ordinance. He may particularly publish detailed provisions concerning the confiscation of radio apparatus.

COMPLETE LIST OF RUGBY, ENGLAND, PHONES

Mcs.	Call	Mcs.	Call	Mcs.	Call	Mcs.	Call	Mcs.	Call
4.320	GDB	8.730	GCI	10.795	GCL	12.960	GBE	18.310	GAS
4.430	GBC	8.760	GOQ	10.815	Planned	13.405	GBJ	18.610	GAU2
4.820	GDS2	8.920	GDX	10.870	GCD	13.415	GBL2	18.680	GAI
4.975	GBC	9.005	GCS2	12.140	GBS2	13.585	GBE2	18.720	Planned
6.795	GDB2	9.280	GCB	12.150	GBS	13.990	GBA2	18.970	GAQ
6.823	GDW3	9.710	GCA	12.280	GBU2	14.440	GBW	19.160	GAP
6.865	GDW	9.900	GCE	12.290	GBU	14.653	GBL	19.480	GAD
7.345	GDL	9.925	GCU2	12.650	GEC	16.140	GBA	20.235	GAL
7.920	GDP	9.950	GCU	12.780	GEC	17.080	GBC	20.380	GAA
8.680	GBC	10.530	GBX	12.940	GEC2	18.040	GAB	21.035	GAS2
		10.770	GCP			18.200	GAW	21.045	GAS4

Verifications received by the writer from JZ1; JVV3; K7GZH, blue on silver and white; and LU4XA, Rueda card. Keep those reports rolling in at 2308 Roosevelt Ave..30.

HIGH FREQUENCIES (EST) - By Earl R. Roberts

<u>Mcs.</u>	<u>Call</u>	<u>Location</u>
15.200	XGOX	Szechwan, China, now signs on the air at 8 P.M. but is still unreadable at this hour. (Desmond Callan, Mass.)
10.080	----	Moscow, USSR, is on this new frequency, R7, afternoons. (Callan) RRC in Moscow is listed by Berne on 10.075 mcs. with 15 kw. power. (ERR)
9.683	HNF	Baghdad, Iraq, is reported operating on this frequency from 6 A.M.-3 P.M. best around 2-3 P.M., by the ISWC. (Callan)
9.680	----	It is believed possible that the mystery station heard at 7 A.M. on this frequency could be Paris Mondial broadcasting a Polish program. Of course this is merely a guess and nothing will be stated as a fact until we are all certain as to its identity. It is not generally known that France gave one square mile of territory on French soil to Poland so they could continue to transact business. (Jimmy Hart, N.J.)
9.645	V--	NEW Australian broadcast station starts coming in about 7 A.M. with no identification yet heard, merely states they are relaying the Australian Broadcasting Company National Program. Has excellent signals. Relays the news from London at 8:50 A.M. (Callan)
9.635	KZRH	Manila, P.I., is coming in better now, peaking at 7:15 A.M. (Callan) In latest Berne supplement, power has been reduced from 1 Kw. to 500 watts.
9.600	RAN	Moscow, heard at 7:30 P.M. for the first time in 1 1/2 months on the North American program. (Callan)
9.587	VLK	Last letter of call still uncertain, believed to be another new Australian station, relays VLQ from 7-8 A.M. (Callan)
9.555	XETA	Monterrey, N.L., Mexico, shifted here from 11.76 mcs., first heard at 7:30 P.M., 1/20, with chimes interval signal. Heard again the following day as early as 1:30 P.M. (Roberts, Indiana)
9.520	TP--	NEW frequency for Paris Mondial first logged at 8:30 P.M., 1/22, with announcements in English followed by the news in French. Used in parallel with 11.718 and 11.885 mcs. The station on 9.680 mcs. was not heard. Signal of the new transmitter R9 plus. (Roberts)
9.000	----	Approximate frequency of unidentified station heard 1/6 from 3:30-3:45 A.M., signing at that time. Was this TPZ2, Algiers, 8.96 mcs.? (Daneker)
7.230	GSW	Daventry, England, operates transmission I on this frequency. (Callan)
6.500	HIL	Ciudad Trujillo, R.D., heard R9 plus at 6:45 P.M. (Charles Leboeuf, Mass.)
6.410	----	Unidentified broadcaster heard with Arabic and oriental type music daily from 4 to sign off at 4:50 P.M. with what sounds like the Franco anthem used by EA9AH. The song is not quite the same, but similar. (Norman Kriebel, Pa.; Roger Legge, N.Y.)
6.355	HRP1	San Pedro Sula, Honduras, R9 plus, 1/11, signing on at 8 P.M. (Daneker)
6.200	CP5	La Paz, Bolivia, R5-6, 1/11; from 8-9 P.M. (Richard Daneker, Pa.)
6.190	HVJ	Vatican City, broadcasts to North America 9:30-10 P.M., Wednesday and Sunday nights according to the ISWC. (Callan)
6.087	----	Another unknown broadcaster heard transmitting late afternoons in French and Italian uses an interval signal of about a dozen note sequence on a piano or similar instrument. Signs at 6 P.M. with Italian National Anthem followed by an unfamiliar anthem. (Norman Kriebel)
6.085	I2RO1	Rome, Italy, "Radio Roma", signed on a few minutes before the above station left the air at 6 P.M. and was still going strong at 8 P.M. (Kriebel)
6.055	HJFA	La voz de Pereira, Pereira, Colombia, well received just under WLWO. (ER)
5.930	----	A powerful German transmitter was heard 1/16 for one night only. Program started at midnight but no mention made of this frequency. (Weyrich, Md.) DLA, Rehmate, Germany, is the only one listed near here, this one on 5.937 mcs., and a commercial phone transmitter. (ER)
4.920	YV5RH	Caracas, Venezuela, verified and specifically states their frequency is 4.920 mcs., not 4.830 mcs. as listed in most call books. (Carroll Weyrich)
4.770	YV1RT	La voz de la Fe, Maracaibo, Vene., heard very well at 8 P.M. (Leboeuf)
3.410	WWEW	Relief Lightship #95 (USCG call is NNGX) heard in contact with 4WWDI, Edgemore Depot, Dela., (new call of the USCG is NNEA) at 8:45 P.M. (Leb.)

HIGH FREQUENCIES (EST) - Continued from page 5.

Mcs.	Call	Location
2.726	WANO	Gainsburg, Ga., (location not certain), logged at 6 P.M. (Leboeuf, Mass.).
2.698	-----	USCG surf station on Assateague Island Beach, Va., in contact with Parramore Beach, Va., at 7:02 A.M.
		USCG surf station at Parramore Beach on Hog Island, Va., at 7:02 A.M. (CL)
2.670	KJOT	Tug Jupiter heard calling Princess Ann Radio requesting help because of a leak. Location given as 200 miles off Charleston, S.C., heard at 7 A.M.
-----		USCG surf station at Atlantic City, N.J., contacting Barnegat, N.J., surf station at 7 A.M.
	NRPS	USCG 110' Harbor Craft AB-26 working Princess Ann Radio at 7:25 P.M.
	NRKB	USCG 63'6" Harbor Craft Baritan in contact with Winthrop Radio at 7 P.M.
	NRKQ	USCG 110' Harbor Craft Arundel working the Comanche at 7:25 P.M.
	NRFY	USCG 165' Cruising Cutter Comanche logged at 7:25 P.M.
	NRDS	USCG 327' Cruising Cutter Spencer which usually cruises in Alaskan waters is now on Atlantic patrol duty. The Spencer was calling the Trawler Lark which had been reported in distress the day before. Heard at 7 AM (Leboeuf)

STATION NOTES

CARROLL WEYRICH, Baltimore, received a verification from Paris Mondial with an enclosed schedule for the month of December listing the calls used that month, which although they do not agree with any published logs, should be accepted as authentic since coming direct from Paris Mondial.

TPA4 - 11.718 mcs. TPB3 - 17.765 mcs. TPB7 - 11.885 mcs. TPC8 - 11.845 mc.
 TPA2 - 15.240 mcs. TPB4 - 15.295 mcs. TPB25 - 7.280 mcs. TPC23 - 9.680 mc.

Carroll clears up a point that has been bothering the writer for months. The TPA stations are 12 Kw. transmitters, TPB are 25 Kw., and TPC are the new 100 Kw. transmitters. The why of the many different numbers still bothers us, however.

An airmail schedule from Paris received by the writer lists still different calls to be used the week of January 20-26 (probably the same for the whole month).

TPC8, 11.845 mcs., and TPC28, 9.680 mcs., for North and Central America daily from 12:30-1:30 P.M. EST. TPA4, 11.885 mcs., and TPB7, 11.718 mcs., from 8 P.M. to 12:30 A.M.

New broadcast frequencies for the South African Broadcast Corporation are listed as: ZTD, Durban, 4.878 mcs., 300 watts; ZRI, Johannesburg, 4.9546, 5000 watts; ZTJ, Johannesburg, 9.909 mcs., 5000 watts; ZTE, Durban, 11.800 mcs., 300 watts.

Netherland Indies stations are adding new broadcasters and changing calls of some older ones. YDE, 4.850 mcs., Semarang, 5 Kw.; YDX, Medan, Sumatra, 4.855 mcs., 500 watts; YDP3, 4.895 mcs., Soerabaja, 40 watts; YDR, 4.910 mcs., Tandjongpriok, 5 Kw.; YDL2, 4.930 mcs., Soerakarta (Solo), 75 watts; YDF, 4.945 mcs., Soerabaja, 150 watts; PMY, 5.145 mcs., Bandoeng, 225 watts; YDD (formerly YDA), 6.040 mcs., Bandoeng, 200 watts; YDR, Tandjongpriok, 7.240 mcs., 5 Kw.; YDE, 7.270 mcs., Semarang, 5 Kw.; YDA, 7.295 mcs., Tandjongpriok, 10 Kw.; YBF3, 10.430 mcs., (formerly YBG), phone, Medan, Sumatra, 2 Kw.; YDC, 15.150 mcs., Bandoeng, now 3 Kw.

Additional calls for the Teheran, Iran, broadcaster are: EQD, 4.830 mcs., 2 Kw.; EQE, 11.730 mcs., 20 Kw.; EQF, 11.895 mcs., 20 Kw.

Skamlebak, Denmark, has added two transmitters in the 25 meter band: OZG2, 11.820 mcs., and OZG3, 11.870 mcs., 6 kw.

Two new 16 kw. broadcasters in Australia are to operate on 11.870 and 15.315 mcs. A third transmitter we almost overlooked, also 16 kw., is to operate on 17.840 mcs.

Suva, Fiji Islands, has two 400 watts transmitters under construction to work on 6.130 and 11.895 mcs.

A commercial phone transmitter at Teheran, Iran, to contact Great Britain, Germany, France, Turkey, and Lebanon, will operate as EPX on 16.375 mcs., 32 Kw. Al-2-3.

Please report reception of any of these new transmitters as soon as definitely identified.

SOS- Can anyone help us identify the San Salvador ham on about 7.060 mcs., believed to be YSLMS? It was heard at 10:33 P.M., 1/19, R6 in back of heavy CW, calling HCLFG. A QSL was received from YN6EE, red on white, Santo Domingo, Chontales, Nicaragua..... Address all SW reports to the writer at 2308 Roosevelt Ave., Indianapolis.30.

HIGH FREQUENCIES (EST) - By Earl R. Roberts

Mcs.	Call	Location
17.980	KHE	Kahuku, Hawaii, R9 on the Hawaii Calls program for MBS. (Charles Leboeuf)
15.160	JZK	Tokyo, schedule:- For Eastern North America, 8-9 P.M.; For South America, 4:30-5:30 P.M. (JZK)
14.485	HPF	Panama City, Panama, heard calling WNC, Hialeah, Fla., at 3:15 P.M. (Leb.)
11.800	JZJ	Tokyo, schedule:- For Pacific Coast, midnight to 1:30 A.M.; For China and South Seas, 7-9:30 A.M.; for South America, 4:30-5:30 P.M. (JZJ)
11.775	MTCY	Hsinking, Manchukuo, verified reception of November 7 with pamphlet type verie and two new QSL cards, one a photo of the building, the other a map of the country in peach on light green background, call in yellow, and locations of ECB transmitters in red dots. Schedule:- Transmission I for Europe, 5-5:30 P.M.; Transmission II to North America, 1:30-2:20 A.M.; Transmission III to China, 9:50-10:55 A.M. (Roberts, Indiana.)
11.720	CJRX	Winnipeg, Canada, schedule,- Weekdays 4-8:30 P.M. (Roberts)
9.860	EAQ	Madrid, Spain, verified with a very pretty card. (Richard Daneker, Pa.)
9.790	GCW	Rugby, used for relay to NBC, January 21, 3:30 P.M. Contact station was WNA, Lawrenceville, 9.170 mcs. (Leboeuf)
9.690	ZHP	Singapore, S.S., very weak, Q2, R3, at 5 A.M. (Anthony C. Tarr, Wash.)
9.688	LRA1	Buenos Aires, with a good signal, R7, at 8 P.M. (Anthony Tarr)
9.640	CXA8	Montevideo, is the best Uruguayan received in Washington, R7, at 9 PM (Tarr)
9.630	HJPP	Radio Nacional, Bogota, Colo., tested at 5 P.M., 1/23, with waltzes, announcing after each in English on announced frequency of 9.630 mcs. They were drowning out 2RO. At signoff, 5:13 P.M., stated they would return at 6 P.M. but failed to do so. (Jimmy Hart, N.J.) Should this be HJCT? (ER)
9.570	CXA2	Montevideo, heard well through WBOS until 8:30 P.M. and finally is buried under QRM. (Anthony Tarr)
9.535	JZ1	Tokyo, schedule:- for Europe, 2-3 P.M.; for China, 7-9:30 A.M. (JZ1)
9.520	TP--	Paris, signs on with South American program at 4:30 P.M. (Leboeuf)
9.205	PYA2	Rio de Janeiro, Brazil, NEW broadcaster, in Portugese daily from 5-6 P.M. heterodyned by COCX. (Norman Kriebel, Pa.)
9.040	TYA2	Paris, France, R6, from 3:20 to sign off with French anthem at 3:44 A.M. News in French by man from 3:30 on. Believe this to be the station heard by Daneker. No call mentioned but the frequency is exact as the writer's dial is calibrated on this band to within 5 kcs. (Roberts)
7.850	ZAA	Radio Tirana, Albania, latest schedule advises this frequency used only from 6:20-8:00 A.M. CORRECTION! Just noticed that the wave was given as 30.22 meters, which does not check with this frequency. That would place the station on about 9.930 mcs. although listed by Berne on 9.96 mcs., 30.12 meters. Evidently ZAA is not transmitting on 7.85 mcs. at all so who is the station with oriental music heard afternoons? Desmond Callan thinks it might be YI5KG, Baghdad, Iraq, back on the air again. Any information welcomed. (Roberts)
7.300	WZA	Albrook Field, Canal Zone, logged at 8 P.M. (Norman Kriebel)
7.257	JVW	Tokyo, schedule:- For Eruope, 2-4 P.M.
6.990	CMX3	Havana, Cuba, call not certain, heard at 11:45 P.M. working 40 meter hams CO2GO and XELAC. (Roberts)
6.150	CJRO	Winnipeg, schedule:- weekdays 8:35 P.M.-1 A.M., Sundays to 11:30 P.M.
6.090	ZNS2	Nassau, Bahamas, news in English at 8:30-8:40 P.M., with signal 20 DB over R9. (Daneker)
6.084	ZAA	Radio Tirana, Albania, schedule:- 12:20-6:00 P.M. daily. This is no doubt the one heard by Norm Kriebel with the Italian anthem, etc. (Roberts)
6.017	HJCX	"La voz de Colombia", Bogota, was in the clear at 8 P.M. (Leboeuf)
6.005	HP5K	"La voz de la Victor", Colon, Panama, with program for the Colon Cotton Club at 7:45 P.M. (Leboeuf) Was R9 plus on DX program 3-4:06 A.M., 1/28 HOK, ECB outlet, 640 kcs., heard R5-6 at same time. (Roberts)
5.725	HCLPM	Quito, Ecuador, new schedule appears to be 8-10 P.M., Monday, Tuesday, Thursday, and Saturday. Is QRM'd at times by a Spanish speaking phone on the same frequency. (Roger Legge, N.Y.) XFIN, Merida, listed here. (ER)

HIGH FREQUENCIES (EST) - Continued from page 5.Mcs. Call Location

- 4.880 YVlRM Maracaibo, Venezuela, NEW station, relays YVlRK, signing with a march at 9:33 P.M., 1/28. Covered by CW station weekdays. (Roberts)
- 4.250 ---- Unidentified Spanish speaking phone heard working another on 4.500 mcs. at 6 A.M. and 6 P.M. (Norm Kriebel) Could it be HJA9, Barranca, Colo., on 4.253 and HPPO, Panama, on 4.500 mcs.? (ER)
- 3.415 KO3 Announced as U. S. Army Air Coprs, Duncan Field, Cincinnati, testing at 9:55 P.M. (Kriebel, Roberts)
- 2.698 ---- USCG surf station on Hog Island, Va., contacting the surf station at Assateague Island at 7:08 A.M., the latter on 2.670 mcs. (Leboeuf)
- 2.670 KLGP USCG surf station at Fort Macon, N. C., in contact with NLM at 8:30 P.M.
- 2.350 WZBW S.S. Lillian Ann in contact with NRPD, Patrol Boat McLane at 7 a.m. (Leb.)
- Wings Neck, Mass., on Cape Cod Canal, at 6:15 P.M. WYDO, USA Patrol Boat Joy on Chesapeake and Delaware Canal and WYDF, Patrol Boat Weir, at 7:00 P.M. (Leboeuf)
- 2.118 KLMW Yacht Avalon working WDR, Miami, at 8:18 P.M. (Leboeuf)

HIGH FREQUENCIES (EST) - By Earl R. Roberts

Mcs.	Call	Location
14.940	HJB	Bogota, Colombia, heard at 8 A.M. Sundays calling WNC. (Leboeuf, Mass.)
14.355	HJAB	Barranquilla, Colo., harmonic of 4.785 mcs., heard at 7 P.M. Relays HJAN regularly and HJAA occasionally. (Roger Legge, N.Y.)
11.900	XGOY	Szechwan, China, coming through R8 now at 5 P.M. with English program. (Jimmy Hart, N.J.)
11.830	VLW3	Perth, W. A., operates daily 1-5 A.M. (IDA). Heard at 12:30 P.M. saying they were transmitting to South Africa until 1:15 P.M. when they faded out. (Desmond Callan, Mass.)
11.800	JZJ	Tokyo, received R8 with English program at 5 P.M. on clear channel. (Hart)
10.042	DZB	Berlin, logged at 4 P.M. contacting WEL. (Charles Leboeuf)
9.980	----	"Radio Podebrady" in Germany, broadcasts daily in Italian, English, and French, 2:40-3:10 P.M., each session lasting 10 minutes. Operates in parallel with DJA using German interval signal. Signal R9 plus. May be old Prague transmitter now in German hands. (Callan)
9.680	ZHP	Singapore, Straits Settlements, logged 1/31 with best signal yet heard from a far East station. May be using higher power. (Jimmy Hart)
----		Station broadcasting in Polish from 7-8 A.M. believed to be a Soviet station which has been in use for some time. At 9:10 A.M. on 2/2, they were relaying same program as RNE. This new station has a strong R9 plus carrier but modulation is low. (M. W. Soplop)
9.650	VLW2	Perth, W. A., is definitely the Australian station heard so well early mornings with few announcements. Usually identify as "Western Australia ABC" and always identify at 8:45 A.M. Said station was still experimental and would welcome reports. (Legge, Leboeuf, Hart)
9.645	----	A new station is being heard from 4-4:30 P.M. weekdays and in the clear early as 2 P.M. Sundays after CR7BE signs. Language seems to be similar to Swedish, Norwegian, or Danish. Who can identify it? (Hart, Callan)
		LLH, Oslo, Norway, licensed with 50 kw. for broadcasting on this exact frequency in Berne list. (ER)
9.630	HJCT	"Radio Emisora Nacional," Bogota, Colombia, relays HJCR, logged at 8:50 P.M. on, 2/5, with gongs used as interval signal before announcements. Signal R9 plus and very clear. (Roberts, Indiana)
9.605	----	Unidentified station believed to be French (not Paris Mondial), signed with the Marsellaise at 5 P.M. (Jimmy Hart)
9.600	RAN	Moscow, signs on at 4:30 P.M. with news in English. (Leboeuf)
9.587	VLQ	Station recently reported thought to be VLK is actually a side band from VLQ. The frequency of 9.615 mcs. was announced at sign off. (Hart)
9.570	----	New French station relaying BCB Paris PTT, Lille PTT, etc., heard with talks in various languages from 2-2:50 P.M. or later. WBOS. QRM's at 3:00 P.M. Who can this one be? (Desmond Callan)
9.295	HI2G	Ciudad Trujillo, D.R., with very good signals at 5:15 P.M., 1/28. (Leboeuf)
9.220	COOY	Havana, Cuba, NEW SW relay for CMBH and CMBX, on this announced frequency R9 plus at 10:20 P.M., 1/30. (Roberts) Either CMBH or CMBX heard on 1180.
8.950	WEL	Rocky Point, N.Y., in contact with DZB at 4 P.M. (Leboeuf)
8.940	WKL	Rocky Point, handling traffic. (Leboeuf)
7.968	HSP	Bangkok, Thailand, is definitely the station thought to be Chinese. 8 chimes of clock signifying 8 P.M. heard at 8 A.M. followed by announcements and program summary in English. Relays longwave HS7PJ at times. (Norman Kriebel, Pa.; Roger Legge)
7.570	HHZ	Port-au-Prince, Haiti, heard at 5 P.M. contacting "Pete". Although no call was used, this commercial is listed with 500 watts phone. (Kriebel)
7.400	WEM	Rocky Point testing with HEP at 6:30 P.M. (Leboeuf)
7.100	FO8AA	Papeete, Tahiti, verification received after one year and three days. To all who have received this card, thanks and credit goes to Hal Klein of IDA in Los Angeles who wrote the French Governor. A friend of this reporter, Jake Field, is leaving for Papeete and will obtain more information about FO8AA for us. (Jake Field, Calif.)

HIGH FREQUENCIES (EST) - Continued from page 5.

Mcs.	Call	Location
6.725	WQO	Rocky Point, N.Y.; in contact with HBQ and HBP at 6:30 P.M. (Leboeuf)
6.675	HBQ	Geneva, Switzerland, received working above station. (Leboeuf)
6.270	----	Unidentified station broadcasts irregularly in French. Signed at 5:55 P.M., 1/27, with unfamiliar anthem. (Norman Kriebel)
6.210	----	USN plane 99778 heard calling Anacostia Field at 3:15 P.M. (Leboeuf)
6.140	KZRF	Manila, P.I., is the call used on this frequency according to verification card received. The card is red, call in white, and printing in black, very attractive. Operators are Far Eastern Broadcasting Corp. KZRM on 780 kcs. is used simultaneously with KZRF. Power is 1 Kw., schedule:- Monday to Saturday 4:30 P.M. to 11 A.M., Sunday 6 P.M. to 11 A.M., in English, Spanish, and Filipino dialects. Slogan is "Radio Filipinos." (Received via clipper airmail from William S. Petty, Schofield Barracks, Hawaii)
5.180	----	Who is the phone; R9, heard with man speaking in distinct British manner at 7 A.M., 1/30, and 6:35 A.M., 1/31? (Roberts)
5.140	PMY	Bandoeng, Java, logged R8 at 6:22 A.M., 1/30. (Roberts)
4.860	YVLR	Maracaibo, is the station reported last week as YVLRM. Identified 2/4 free of the CW QRM at 9 P.M. (Roberts)
4.830	YV5RU	Caracas, Venezuela, identified in Spanish at 8:45 P.M., 2/4. (Roberts)
4.480	----	The phone reported by Norm Kriebel with Spanish girl operator and man phoning in English at 6 and 6:30 A.M. No identification made. (Roberts)
2.726	WRGS	Special emergency station received at 9:20 P.M. working WANC. No location mentioned. Any help? (Roberts)
2.670	----	USCG surf station at Ocean City, Md., in contact with the Assateague Island station at 6:54 A.M. (Leboeuf) Coast Guard boat CG240 calling Mobile Radio at 7:02 P.M. (Roberts)
2.118	KFGA	Steamship Allegany, 50 watts, called WAY at 11:35 P.M. (Roberts)

Russell Johnson, Saskatoon, Sask., would like to learn the identity of a station on the 31 meter band December 31 between 11:45 A.M. and 1:45 P.M. using the first two bars of Tschaikowski's "March Slave" played over three or four times at about ten minute intervals for interval signal. The station has not been heard before or since.....

HIGH FREQUENCIES (EST) - By Earl R. Roberts

Mcs.	Call	Location
15.240	YUF	Belgrade, Yugoslavia, schedule:- 7-8 P.M. for South America,
	YUG	Belgrade, Yugoslavia, 8-9 P.M. for North America. (Belgrade)
14.920	KQH	Kahuku, Hawaii, heard Saturday, 8:30 P.M., program for CBS. (Wotring, Pa.)
14.535	HEJ	Geneva, transmitted to NBC the speech of the Crown Prince speaking from Oslo. (L. W. Wotring)
14.485	HRL5	La Lima, Honduras; HRF, Tegucigalpa; and HPF, Panama, heard at 7:50-8 A.M. contacting WNC2, 14.510 mcs. for traffic. (Roberts, Indiana)
11.880	VLR3	Melbourne, Australia, operates 3:30 P.M.-2:15 A.M., with the period 6:35-7:00 P.M. for Japan. (IDA)
11.870	VLQ2	Sydney, has fair signal on their 2:30-3:30 A.M. transmission to Europe and North Africa. (Roger Legge, N.Y.)
11.850	----	"Radio Indo-Chine", operates from 5:30-9 A.M., lady announcer. Gives news in French at 7:30 A.M. (IDA)
11.830	VLW3	Perth, logged on sign off at 10:30 A.M. (Wotring)
9.670	----	Radio "Boy Landry", Saigon, Indo-China, received around 7 A.M. (Callan)
9.660	HVJ	Vatican City, reported testing Sunday and Thursday between 8:30-9:45 P.M., also on 9.560 mcs. (RLA)
9.600	CB960	Santiago, Chile, heard with series of chimes during sign off at 11 P.M. (L. W. Wotring)
9.570	-----	The French station reported last week was heard by the writer Sunday, 2/11, R6, with man speaking in French at 2:10 P.M. Tuning back about 2:25 the station had signed off. (Roberts)
	HJAB	"La voz de Barranquilla", Barranquilla, heard at 2:29 P.M., 2/11, with R7 signals, possibly a harmonic of 4.785 mcs. (Roberts)
9.535	HEC	Schwarzenburg, Switzerland, 250 watts, reported operating Monday and Wednesday from 9:45-11:15 P.M. for North America. Is on 11.865 mcs. from 7:45-9:15 P.M. for South America. (IDA)
9.230	COCY	Havana, now on this announced frequency relaying OMBX. (Desmond Callan)
8.795	CHP	Casablanca, French Morocco, believed to be the French speaking station signing at 4 P.M. Before signoff a time signal was given as 20.58 which would place it in the Moroccan time zone. (Charles Leboeuf, Mass.)
7.968	HSP6	Bangkok, Thailand, listed as the correct call in Berne List. Believed to announce as HSP6 by Roger Legge. QRC reports the call as HSPJ, although the latter call is assigned to their BOB transmitter formerly HS7PJ. (ER)
7.610	DOJ	Koenigs Wusterhausen, Germany, contacts Lisbon, usually CUZ2, 6.878, or occasionally CUY, 9.19 mcs., at 3 or 4 P.M. Calls with tone- one long and two shortdashes until contact is made then phones scrambled until 5 or 6 P.M. (Norman Kriebel, Pa.)
7.600	WDJ	Location unidentified, heard with WDO and WDL sending programs to TYE3, 10.430, and TYE4, 7.650 mcs., Paris. (Leboeuf)
6.080	OAX4Z	Lima, Peru, "Radio Nacional," heard very well from dark to signoff at 11:30 P.M. (Wotring)
4.500	----	Unidentified station in contact with another on 5.695 mcs., no calls, no locations mentioned, both signals R9. Former thought to be in Panama the latter in Colombia. (Leboeuf) An HJF3 was heard testing on 5.695 mcs. once last October by the writer. (ER)
4.253	----	Another unidentified station in contact with one on 5.475 mcs. (Leboeuf)
3.457	----	Braniff Airways station heard around 7 A.M. are:- KNEJ, Dallas; KNEW, Waco; KNBS, Austin; KNEU, San Antonio; KNEQ, Amarillo; KNEB, Houston; KNEK, Brownsville, Texas; KNEO, Kansas City, Mo.; and WOEZ, Chicago. (Leb)
2.738	WDJI	Trawler St. Rosalie; KJHL, Tug Dalzellite at 5:40 P.M.; WDNV, Tug Metropolitan at 7:33 P.M.; and WDEM, Tug Loyde H. Dalzell, at 4:30 PM. (Leboeuf)
2.670	----	USCG surf station "Oak Island, North Carolina" in contact with NRUQ, Cruising Cutter Modoc at 6:30 A.M. (Leboeuf)
2.126	WNKC	S. S. Quaker in contact with WAQ, 2.522 mcs., Ocean Gate, N.J., at 5:30 P.M. (Leboeuf)

HIGH FREQUENCIES (EST) - Continued from page 5.

The Bruce Fahnestock South Sea Expedition has been granted permit for a special relay broadcast station of 1000 watts power aboard the schooner "Director II". Call assigned as KFAH and frequencies will be 4.7975, 6.425; 9.135; 12.8625, 17.310, and 23.10 mcs. The expedition will cruise for two years collecting bird groups and recording native music as well as making oceanographic studies for the U.S. Navy. (FCC)

A letter from ZAA, Radio Tirana, professes great interest in a special program at an hour more favorable for listeners in the Central and Western States. Details later. Latest schedules show ZAA on 7.850 mcs. from 6:20-8 A.M. so we presume that the 30.22 meters shown in the previous sheet was an error. ZAA is also on 6.084 mcs. from 12:20-6:00 P.M.

HIGH FREQUENCIES (EST) - By Earl R. Roberts

<u>Mcs.</u>	<u>Call</u>	<u>Location</u>
15.280	----	Unidentified commercial phone heard on same frequency as DJQ at 7:05 AM calling "George" and what sounded like "Solika." Any Help?(C. Leboeuf)
15.200	XGOX	Szechwan, China, now signs on at 8:30 P.M. and must have increased power as they were R9 plus on the new Howard 460. This is an all English program. (Jimmy Hart, N.J.) Congrats on the new receiver, Jimmy.
15.130	TP--	Paris, heard 2/18 at 12:10 P.M. with girl speaking in French. (Roberts)
11.900	XGOY	Szechwan, China, R9 plus, until sign off at 8:48 A.M., 2/18. (Roberts)
11.875	----	An Oriental station heard at 8:30 A.M., 2/18, was R9 plus, but nothing to aid in identifying the station could be heard. Language sounded a little like French so perhaps we have a new Indo-Chinese. (Roberts)
11.780	----	Radio Saigon, Indo-China, was coming in well on 2/11 from 10:30-11:00 A.M. (Al Rhoads, N.J.)
11.775	MTCY	Hsinking, Manchoukuo, have evidently placed ye writer on their mailing list. Schedule:- Transmission I to Europe, 4-4:50 P.M. (Can this be heard in the States?); II to Pacific North America and Hawaii, 1:30-2:20 A.M.; III to China, Australia, South Seas, etc., 9:50-10:55 A.M. (ER)
11.740	HVJ	Vatican City, heard Sunday, 2/18, opening at 7:30 P.M. with ticking of clock in a program in Spanish to Central America. The entire program consisted of news items, sign off at 7:53. Was listening to CB1174 when this R9 plus carrier blotted it out completely. (Roberts)
11.735	YUE	Belgrade, Yugoslavia, logged for the first time 2/13, with program opening at 9:00 P.M., sign off 10:04. Program was in an unknown language. Previous to start of program a weird tone signal in a minor key was heard for over 5 minutes. Signal R9 plus. (Roberts)
11.650	XGOK	Canton, China, received R9, 2/18, with news in English from 8:10-8:25 A.M. (Roberts)
11.040	CSW6	Lisbon, Portugal, announce this call rather than CSW5 as shown in some logs. Heard until after 4:15 P.M., 2/18. (Roberts)
9.973	DXQ	Using the slogan "Radio Podebrad", this transmitter definitely announced this call at 3:30 P.M., 2/18. Program in Spanish evidently directed to Spain as station signed at 3:33 with "Arriba Espana." Signal R9 plus. This is no doubt the old Prague transmitter OLG listed in Berne List as "Praha Podebrady." (Roberts)
9.680	VLQ5	Sydney, NSW, Australia, now using this new call and frequency during the broadcast to North America 7-8 A.M. (Al Rhoads, N.J.; Jimmy Hart, NJ)
9.650	DJW	Another new German logged first time 2/17 with Spanish program to Buenos Aires at 4:58 P.M., R9 plus. Heard again at 2:30 A.M., 2/18, with program in English in parallel with DJA, R5. (Roberts)
9.645	CR7BE	Lourenco Marques, Mozambique, Radio Club of Mozambique, P.O.Box 594, announced that beginning 2/12, at 7-8 A.M., they will broadcast special programs to the USA and would welcome reports on these transmissions. This program is daily except Sundays but is not received very well. (Norman Kriebel, Pa.; Al Rhoades)
	LLH	Oslo, Norway, is definitely the station heard when CR7BE is off the air. This was announced at 2:25 P.M. after listening to a long speech from 2 P.M. Program of music followed. Signal weak. (Jimmy Hart) Looks like our guess as to LLH in the 2/12 bulletin was correct for once. Hi.
9.590	VUD3	Delhi, India, is exceptionally good from 7-7:30 A.M. during which a lady announces in English and plays popular selections. (Jimmy Hart)
9.520	TP---	Paris, announces this frequency in parallel with 11.72 and 11.885 mcs. for North America, 8 P.M. to 12:30 A.M. (Roberts)
9.465	TAP	Radio Ankara, Turkey, mentioned that news in English is heard twice daily, at 7:15 A.M. on 19.74 meters (TAQ, 15.195 mcs.), and 2:15 P.M. on TAP. So TAQ is again on the air evidently. (Al Rhoades)
7.850	ZAA	Radio Tirana, Albania, broadcasts from 6:20-8 A.M. on this frequency according to schedules received. (George H. Trisdorfer, N.Y., Kriebel)
7.400	X---	Phone in Monterrey, Mexico, heard at 10:20 P.M., R9, in contact with another Mexican on same frequency. Not listed in Berne list. (Roberts)

HIGH FREQUENCIES (EST) - Continued from Page 5.

<u>Mcs.</u>	<u>Call</u>	<u>Location</u>
6.125	MTCY	Hsinking, schedule:- Transmission IV to Mongolia and Soviet Russia, 8:30-9:30 A.M. (MTCY)
6.084	ZAA	Radio Tirana, schedule:- 12:20-5:00 P.M. Musical program is heard daily from 3-5 except for news in French at 4:20-4:30 and in Italian at 4:50-5 P.M. when they sign off. Sundays they broadcast an opera from 3-5 P.M. Signal has been very good in Pennsylvania recently. (Norman Kriebel). Schedule also given through courtesy of George Trisdorfer. Station heard with opera program at 4:50 P.M., 2/18, believed to be ZAA, but very weak in Indianapolis. (Roberts)
6.065	SBO	Motala, Sweden, logged at 4:45 P.M., R5, under terrific sideband QRM from WLWO. Heard much better over SBU, 9.535 mcs. (Roberts)
5.593	----	United Air Lines stations logged around 7 A.M. and 7:30 P.M. on 3.323 mcs. are:- KQD, Salt Lake City; Denver, Colo.; WUCG, Chicago; KQM, Des Moines; KMP, Omaha; KQQ, Iowa City; WNAU, Moline, Ill.; KOE, Cheyenne, Wyo.; KQC, Rock Springs, Wyo.; and KMR, North Platte, Nebraska. (Charles Leboeuf)
5.030	CUQ2	Madeira Islands, logged phoning Portugal at 6:30-7:18 P.M. (Kriebel).
4.750	VP5PZ	Kingston, Jamaica, heard signing with "God Save the King" on Friday, 2/9, at 6:37 P.M. with a very good signal. This station is quite close to the Eastern Airline frequency of 4.743 mcs., so quite a lot of QRM is present on VP5PZ. (Charles Leboeuf)
4.410	PGGF	S.S. Niew Amsterdam in contact with WOO, 4.735 mcs., Ocean Gate, at 10:15 P.M. (Leboeuf)
3.105	----	Plane NC-16834, 3 miles out of Batavia, N.Y., calling Buffalo Radio at 6:15 P.M. (Leboeuf)
2.670	NRUS	USCG Cruising Cutter Sebago out of Norfolk, Va., answering an SOS. The ship in distress was heard at 6:20 P.M. but the call could not be understood. (Leboeuf)

News in English may be heard over MTCY, 11.775 mcs., as follows: Transmission I at 4:05-4:15 P.M.; Transmission II at 2-2:10 A.M.; and Transmission III at 10:35-10:45 A.M.

HIGH FREQUENCIES (EST) - By Earl R. Roberts

Mcs.	Call	Location
31.900	KQBV	Unidentified, received R9 at 4:37 P.M., 2/19. (Wm. Harris, Fla.)
20.000	WWV	Beltsville, Md., transmits Tuesday, Wednesday, and Friday, from 2-3:30 P.M. (QST)
19.020	HS6PJ	Bangkok, Thailand, transmits Mondays only 8-10 A.M. (L. M. Clark, N.Y.)
15.285	CR7BG	Lourenco Marques, Mozambique, is heard at 8:00 A.M. (M. W. Soplop, N.Y.)
11.870	VUM	Madras, India, was heard from 8:45 A.M. on, best about 10:30 A.M. (Jimmy Hart, N.J.) This is probably the station ye writer reported last week.
11.825	CXA14	Montevideo, Uruguay, logged R7, at 8:27 P.M. (Roberts)
11.720	CJRX	Winnipeg, has been closed down for a short period for technical changes. CJRO, 6.150 mcs., now being used from 1 P.M. to 1:30 A.M. (M.W. Soplop)
10.330	ORK	Ruyselede, Belgium, R8, until sign off at 5:20 P.M., 2/25. This may be a new schedule as they are supposed to sign at 3 P.M. (Roberts)
10.000	WWV	Beltsville, Md., transmits Tuesday, Wednesday, and Friday, noon-1:30 PM.
9.650	DJW	Berlin, Germany, reported heard at 9:00 P.M. (Charles Leboeuf, Soplop)
9.645	LLH	Oslo, Norway, announces as "Oslo calling" but so far have mentioned no call letters. (Soplop) Heard from 2-5 P.M., R8-9, is positively Oslo as this language is understood by the listener. At 5 P.M. QRM was noticed on this frequency so am not sure if it was Oslo that gave news in German at 5:05 and in English at 5:12 P.M. (Gustave A. Magnuson, R.I.)
9.535	VPD2	Suva, Fijis, is again on the air. Heard 2/21 signing at 5 A.M. and announcing resumption of broadcasting for two minutes of 9 P.M., Fiji time (App. 4 A.M. EST) on the following day. They still relay ZJV and the station is still announced as owned and operated by the Australasia Amalgamated, Ltd. (M. W. Soplop)
9.510	HS8PJ	Bangkok, has been deleted as per QSL received 2/7/40. (L. M. Clark)
9.500	OFD	Lahti, Finland, believed to be the station heard R8, 2/20, 12:42 to 1:16 A.M. and later. Program consisted entirely of man talking to 1:15 followed by chorus singing and prayer by man. A strong QRMing carrier was heard intermittently on about 9.503 mcs., shifting to 9.500 mcs. XEW was off the air at this time. (Roberts, Ind.)
9.350	????	Can anyone identify a station heard signing at 4:43 P.M., Tuesday, 2/20, signal, R8, QSA4, with very poor modulation? (Charles Leboeuf)
9.125	HAT4	Budapest, Hungary, announced in English at 6:20 and 6:55 P.M., 2/17, that they would be on again with English news at 7:30 P.M. next Wednesday. Transmit every Saturday from 6 P.M. and Wednesday from 7:30 P.M. Broadcast Sundays to South America. (Bill Vornkahl, Conn.)
9.040	----	French station believed relaying the National Broadcasting Stations of France signed at 4:30 P.M. after news in French and time from the National Observatory given as 15 minutes until 20.00 GMT. (Leboeuf)
7.968	HSP6	Bangkok, transmits daily except Mondays from 8-10 A.M. (L. M. Clark)
7.520	RKI	Moscow, heard with news in English at 8 P.M. to 8:25 P.M. After 5 minutes silence, another program opened in an unknown language, heard to after 9:30 P.M. (Roberts)
7.290	DJI	Berlin, Germany, a new German now being heard. (Soplop)
7.270	DXM	Berlin, Germany, relaying the Lord Haw Haw program at 4:30 P.M. (Leboeuf)
7.240	????	Unidentified station heard here between 4:15 and 5 P.M. when it signed off. This one broadcast in either Slovak or Polish, then in German, finally signing in French and mentioning the station on 9.040 mcs. (Leb.)
6.725	WQO	Rocky Point, N.Y., frequently handles European pick-ups for US BC networks early evenings. (L. M. Clark)
6.170	DXQ	Berlin, Germany, another NEW station heard. (Soplop)
5.000	WWV	Transmits continuously day and night except for the periods given above. This transmission is modulated by the standard pitch in music, A, at 440 cycles per second. Announcements every ten minutes. (QST)
2.854	----	Stations on the Delta Airways heard evenings are:- WOEO, Atlanta, Ga.; WAQY, Charleston, S.C.; WAJE, Birmingham, Ala.; KNCY, Shreveport, La.; WCSA, Columbia, S.C.; KNCI, Monroe, La.; KNCJ, Ft. Worth, Texas; and WDTA, Jackson, Miss. (Leboeuf, Mass.)

HIGH FREQUENCIES (EST) - Continued from page 5.

<u>Mcs.</u>	<u>Call</u>	<u>Location</u>
2.738	WTBH	Trawler Georgetown heard at 6:22 P.M. WPOZ, Trawler Villa Nova, is the correct call of this ship and not WPUC as listed in Vol.5, No.11 issue.
2.698	----	U.S. Coast Guard station at Ocracoke Island, N.C., calling the Oregon Inlet, N.C., surf station (which could not be heard) at 6:22 A.M. (Leboeuf)
2.670	NRUK	250' Cruising Cutter Saranac out of Galveston, in contact with the Tug WDID, Doctor Spero and Mobile Radio in three way heard at 6:20 P.M. . NRQI, CG-407, a 75' patrol boat contacting New London, Conn., NOU, at 6:10 P.M. (Leboeuf)

HIGH FREQUENCIES (EST) - By Earl R. Roberts

Mcs.	Call	Location
15.240	YUF	Belgrade, Yugoslavia, schedule:- 4:55-5:55 A.M.; 2:55-4:55 P.M.; 7:55-8:55 P.M., to South America. (Belgrade)
	YUG	Belgrade, schedule to North America:- 6-7 A.M.; 9 P.M. to 1 A.M.
15.190	XGOX	Szechwan, China, shifted from 15.20 mcs., is being well heard from 8:30-9:30 P.M. (L.W. Wotring, Pa.; Tom Denny, Roberts, Ind.)
15.010	JZK	Tokyo, Japan, received on this new frequency once only, 2/29, during the American Hour from 8-9 P.M., signal R9, QSA5. Announcement was made as JZK but frequency given as 15.160; actually JZK was NOT on 15.160 at all during this transmission. Perhaps this is a new transmitter being tested. Any help? (Roberts)
11.870	VUM2	Madras, India, began broadcasting on this frequency 2/16. Was heard once under WPIT at 9:30 P.M. Carries transmission starting at 6:30 A.M. daily with VUD2. Gives news in English at 7:30 A.M. and at 10:30, chimes and gong denote 9 P.M. local time. (Jimmy Hart, N.J.; M.W. Soplop, R. Legge, NY)
11.780	HP5G	Panama City, is again back on this spot after 7 P.M. and blots out the evening program of Radio Saigon. (L. W. Wotring)
11.775	MTCY	Hsinking, Manchoukuo, is heard regularly on the 4-4:50 P.M. transmission but weakly. (Soplop)
11.735	YUE	Belgrade, schedule to North America:- noon-1 P.M.; 2-4 P.M.; and 9-10 P.M. (Belgrade, Soplop)
11.705	ZP7	Asuncion, Paraguay, heard between 7-8 P.M., 2/10 only, with R6-7 signal and bad QRM from HP5A. Call letters were given very frequently and the word "Experimental" also used. Has not been heard since. (Bert Nordgren, ID)
10.070	----	German Freiheits Sender is on daily from 3-3:30 P.M. (Morrison, IDA)
10.042	DZB	Berlin, on 2/18, announced in English at 2:50 P.M. that DXQ was transmitting the same program on 28.7 meters, 6.170 mcs. (Soplop) This is the same date ye writer heard Radio Podebrady, 9.973 mcs., give the call DXQ when signing in Spanish. Perhaps they were only announcing the new station on 6.170 mcs. (ER)
9.645	VLW2	Perth, W. Australia, heard very well at 6:30 A.M. (Tom Denny, Indiana)
	LLH	Oslo, Norway, on 2/15, broadcast news in Norwegian from 4-4:15 P.M., then followed a musical program from Stavanger. At 5:02 the program returned to Oslo for final announcements. Due to strong QRM from DJW, 9.65, who signed on at 4:45 with program to Argentina, no call was heard, if any was given. Schedule for the following day was given for 11.735 mcs., evidently LKQ. (Bert Nordgren, N. Y.)
9.615	VLQ	Sydney, is still on the air. Heard signing off at 6:48 A.M. (Denny, ERR)
9.570	HJAB	La Voz de Barranquilla, is actually transmitting on this frequency according to verification just received, as well as on 4.785 mcs. (Roberts)
9.350	HCFG	Ecuador, heard R8 at 9:30-10:15 P.M. and later. No number was heard in the call during two Spanish announcements. Location could not be understood. (Roberts) Later- Signed at 10:20 P.M., mentioning Quito.
8.790	----	French speaking station heard from 3:15-4 P.M. still remains unidentified. Doesn't sign with the Marseillaise so is probably not in the Franco-Empire. First letter of location believed to be A so might be Andorra. (Roger Legge)
8.700	----	Unidentified station logged 2/18, from 8-8:30 P.M., was either operating in parallel or rebroadcasting London. (L.W. Wotring)
7.995	NIQ	U.S. Navy station on Johnston Island in contact with NIX, 7.98 mcs., not located but thought to be in Hawaii. Heard R6, QSA2, from 3:15-3:46 A.M. 3/3. NIX was R9, QSA5. Operator spoke of 6' ferns and said water had to be obtained from passing ships as it rained very seldom. Made schedule for 5 P.M. (local time, whatever that was) Sunday. (Roberts)
7.868	----	Cairo, Egypt, is the station heard here daily to 3:30 P.M. according to English announcements. (Morrison, IDA; Jimmy Hart, N.J.) Is this SUX as listed here in Berne list with 10 Kw.?
7.540	----	Who is the French phone heard around 6 P.M. nightly? Goes into scrambled speech around 6:30. (Desmond Callan, Lass.)

HIGH FREQUENCIES (EST) - Continued from page 5.

<u>Mcs.</u>	<u>Call</u>	<u>Location</u>
7.305	-----	Station announcing as the "Control Tower" heard calling in different planes at 10:10 P.M. Planes heard on same frequency so probably Army stations. (Roberts)
7.240	DXJ	Berlin, broadcasts daily from 8:15-8:30 P.M. in parallel with DXB, DJD, etc. from English announcements. Heard here R8. (Roberts)
	-----	Station broadcasting from Paris afternoons to about 4:30 P.M. in Polish and Czech with French announcements. Address given in Czech as Radio Nacional, Paris. (Soplop)
7.220	I2RO11	Rome, Italy, now transmitting daily on the North American hour to 9 P.M. Signal R7 but not as good as GSW on 7.23 mcs. (Denny, Roberts)
6.880	YNOP	Managua, Nicaragua, shifted frequency from 6.846 mcs. Signs at 10 PM. (ER)
6.420	-----	Station heard with fair to good signals 4-4:55 P.M. since December, playing oriental music, is still unidentified. Signs with unfamiliar anthem. (Roger Legge, N.Y.)
6.270	-----	French speaking station heard 4-5 P.M., signs with Marseillaise. May be the "Voice of Peace" reported by newspapers to be operating under cover in France. (Legge)
6.170	DXQ	Berlin, is broadcasting from 2:40-3:25 P.M. with DZB, 10.042 mcs. (Callan)
5.327	WXH	Ketchikan, Alaska, heard calling WVD, Seattle, in plain speech then in scrambled, 3/3, at 2:40 A.M. R9 plus signal. (Roberts)
4.945	HJCO	"Emisora Sud-America", Bogota, Colo., now transmitting 7-8 A.M., and to 11 P.M. (Quixote Radio Club, Calif.)
4.780	YV1RO	Trujillo, Vene., logged R9 during sign off at 10 P.M. (Roberts)
4.755	-----	Charlottetown, P.E.I., and Moncton, N.B., Canadian airways stations heard. (Charles Leboeuf, Mass.) Moncton heard contacting St. John, the latter on CW at 5:48 A.M. (Roberts)
4.495	-----	US Army plane #6262 contacting WYL, Barksdale Field, Shreveport, La. Plane 8407 contacting Mitchell Field. Plane 6276 flying between Tuscaloosa and Birmingham, Alabama, in contact with WYO, Dallas, and WYE, Selfridge Field, Mt. Clemens, Mich. (Leboeuf)
4.220	WYA	Mitchell Field, Long Island, N.Y., heard at 8:45 P.M. WYO, Hensley Field, Dallas, Texas, at 9:52 P.M. (Leboeuf)
3.485	-----	Army aircraft stations with calls OB9, OE7, OH6, OW1, OY9, OZ1, MZ1, MY9, UT3, WE8, ZE8, YY9, Z B8, and ZE7, will operate in connection with program in the interests of national defense from 10:45-11:30 P.M., March 11. KGA, Spokane, Wash., will conduct this ship to ground broadcast as a demonstration of the operation of relief government agencies and civil organizations in time of emergency. (FCC)
3.410	-----	USCG station at Baltimore, Md., in contact with NNDJ, Cape Henry Virginia Lighthouse at 8:38 P.M. (Leboeuf)
3.270	CY2K	Seven Islands, Quebec, of the Quebec Airways, logged at 6:35 A.M. (Leboeuf)
2.900	AX3E	and AB3G, Naval Reserve stations at 9:05 P.M. are believed located aboard yachts. (Leboeuf)
2.738	WDNB	Tug Jack heard at 10:10 P.M. WDKB, Trawler A.G. Price at 6:24 A.M. WMDG, Pilot Boat New Jersey at 7:25 A.M. (Leboeuf)
2.726	WRNO	Swainboro, Ga., special emergency station is correct call and location of station reported in Vol. 5, No. 16 bulletin. (Leboeuf)
2.670	-----	USCG surf station at St. Simons Island, Ga., contacting Jacksonville, Fla Radio at 6:25 P.M. CG station at Philadelphia, Pa., heard at 7:30 P.M.
2.522	WOX	N.Y. Telephone Co., Staten Island, granted CP to install additional transmitter on this frequency, 400 watts. (FCC)

George H. Jacobs, Cincinnati, sends a notice received from Budapest. Starting last January 1st, HAS3 and HAT4, have used a new signal of identification. The new signal registered on film is composed of a fragment of the melody of Rakoczi March. This is interpreted on the ancient Hungarian wind-instrument called the "Tarogator".

HIGH FREQUENCIES (EST)- Continued from page 6.***STATION NOTES***

The following items were all received from Charles Ramirez G., President of the Cuban Shortwave Club, Havana.... COBQ (to relay CMBQ) will be the new call of COGF in Matanzas. The new slogan will be "Radioteatro Ideas Pazos." CB1180, relaying CB57 of Santiago, Chile, is sending a very nice card of verification. QRA:- Radio Nacional CB1180, Sociedad de Agricultura, Santiago, Chile. EAQ, 9.86 mcs., Radio Nacional at Madrid, Spain, was heard saying the station would be removed to another point in Spain. FG8AH, 7.44 mcs., Point a Pitre, "Radio Guadeloupe", relays BBC programs at 6 P.M.

HIGH FREQUENCIES (EST) - By Earl R. Roberts

Mcs.	Call	Location
41.900	----	Beattyville, Ky., granted CP for new non-commercial educational broadcast station, 100 watts, operated by the University of Kentucky. Plans are made to equip the 50-60 mountain schools with receivers and programs of value to both schools and adults will be broadcast. Transmissions will be made Mondays through Fridays from noon to 2 P.M., and as emergencies and special events warrant. (FCC)
32.400	----	Facsimile broadcast heard 2/22, R4, from 3 P.M. (Jake Field, Calif.)
26.000	W9XH	South Bend, Indiana, verified by engineer. No regular schedule nor QSL cards yet as stations is still experimental. (Jake Field)
25.950	W8XNU	Cincinnati, Ohio, 2/16, R4, at 3:30 P.M. (Jake Field)
25.900	W5XAU	Oklahoma City, Okla., 2/16, R6, at 4 P.M. (Jake Field)
25.300	W2XJI	New York City, Jack Poppels station, R3, at 3 P.M., 2/22. (Field, Calif.)
	W5XD	Dallas, Texas, R7, no fade, at 1 P.M., 3/6. (Jake Field)
25.250	W2XUP	Facsimile station heard 2/16, R4 at 3:15 P.M. (Field)
17.800	OIH	Lahti, Finland, believed to be the station logged from 6:30-7:30 A.M., with 10 note piano interval signal. (Roger Legge, N.Y.)
15.240	YUF	Belgrade, Yugoslavia, received R8-9 at 8 A.M. (Roger Legge)
14.530	LSN	Hurlingham, Argentina, 14 kw., R8, 3/5, at 9 P.M., describing what seemed to be some sports event. (Roberts, Indiana)
12.460	HCJB	Quito, Ecuador, tests its new transmitter each Monday night. Input is 19-21 kilowatts. Uses 4 element Bassett close spaced rotary beam antenna. Asks for reports on comparative strength of signals at various hours during the evening. Reports will be verified with new 3 color card just off the press picturing the new transmitter and rotary antenna. Will broadcast daily except Monday after tests are completed. (Legge)
11.855	PRF5	Rio de Janeiro, transmits daily 5:55-7 P.M. in parallel with PSH. Sign off is in English. (IDA)
11.670	PPQ	Sepetiba, Brazil, 3/5, calling and testing with Buenos Aires at 8:20 P.M., then sending program to LSX and LSN. (Roberts)
11.540	----	Unidentified phone logged 3/6 at 8:40-9:05 P.M. calling Buenos Aires in Spanish. Signal R5. (Roberts)
11.480	CXA7	Montevideo, Uruguay, heard weak, R5, at 7:55 P.M., 3/5. (Roberts)
10.955	CR6RD	"Radio Club de Benguella", Benguella, Angola, signs off in English at 4 P.M. (IDA)
10.400	YSP	San Salvador, La Voz de Cuscatlan, verified reports of 1938 and 1939 with white card, small blue call on mike in center. (Roger Legge)
10.350	LSX	Buenos Aires, logged with LSN and PPQ at 9:15 P.M., 3/5. (Roberts)
10.220	PSH	Rio de Janeiro, announce a program to North America in English each Monday from 8-8:30 P.M. (Roberts)
9.640	KZRH	Manila, P.I., Night Hawks program comes in R7 from 10-11 A.M. (Field)
9.570	TYB	Paris, is the French station heard before WEOS signs on. Transmits daily from 12:30-4 P.M. in German, Turkish, Polish, German, and Greek in the order named. (IDA)
9.492	KZIB	Manila, P.I., R7 signal but mushy modulation at 5:50 A.M. (Field)
7.855	KZGF	Manila, P.I., thought to be the fone logged here in clear speech at 6:50 A.M. Others heard on 7.84 (KZGF also) and 7.830, KZGG, Cebu, at 6:40 A.M. (Norman Kriebel, Pa.)
7.990	NIQ	Johnston Island, again heard 3/10, R5-6, contacting NIX, still not located, at 2:20-2:45 A.M. when NIQ had to sign for a CW schedule. (Roberts)
6.590	----	Paris Bay heard contacting the Ranger. Could these be NQR, Parris Island S.C., contacting the airplane carrier Ranger? (Charles Leboeuf, Mass.)
6.040	KZIB	Manila, heard R6, weaker but clearer signal, at 6 A.M. (Field)
4.945	HJCO	Emisor Sud America, Bogota, relays HJCW, NEW station heard evenings with strong signals. (Legge, R.B. Oxrieder, Canal Zone.)
4.780	YV1RO	Radio Trujillo, Trujillo, Vene., is finally on the air. (Legge)
2.790	WBAQ	Relay station to WOR aboard Beechcraft airplane (?) heard at 6:30 A.M. on Queen Elizabeth broadcast in contact with WBAN, not heard here. WBAQ was Q5/R8. (Charles Leboeuf, 34 Nelson St., Webster, Mass.) Charles expressed the hope Jack Poppels of WOR would note this item, thus the address. (ER)

HIGH FREQUENCIES (EST) - By Earl R. Roberts

Mcs.	Call	Location
15.200	XGOX	Chungking, China, verified via airmail, uses slogan "The Voice of China" and transmits to North America daily from 8:30-9:30 P.M. Address:- The Chinese International Broadcasting Station, Chungking, China. Sherman Wang, Director of International Broadcasts. (L.M.Clark, N.Y.)
15.170	LKY	Oslo, Norway, transmits 6:40-11 A.M., power 5 Kw. (Tune-in, New Zealand)
11.770	DJD	Berlin, the famous "Lord Hee Haw" heard in an interesting talk Monday and Tuesday from 8:30-8:48 P.M. (Roberts, Indiana)
11.735	LKQ	Oslo, Norway, schedule:- 2-6:40 A.M., 11 A.M.- 3 P.M. (Tune-In)
9.740	XGF-	Chinese station heard closing at 9 A.M. with English announcements by a lady "This is broadcasting station XGF-", evidently 4 letters. (Tune-In)
9.650	XGOY	Chungking, China, transmits 9:00-9:30 A.M. (L. M. Clark)
9.645	CR7BE	Lourenco Marques, Mozambique, verified by letter in three months stating that their cards have been held up at the printers due to the present situation, but would be sent soon as possible. At present they are transmitting daily except Sundays from 2-4 P.M., power 10 kw. (Legge, Roberts)
9.610	LLG	Oslo, transmits:- 3 P.M.- 6 P.M., 8-9 P.M., and 11 P.M.-midnight (Tune-In)
9.595	----	Athlone, Eire, advises that during the next few weeks transmissions will be daily from 7:30-8:30 A.M., 9-10 A.M., 12:30-4:30 P.M., and 5-6 P.M. Power 1.5 kcs., QRA- Office of the Engineer-in-Chief, Dept. of Posts and Telegraphs, The Castle, Dublin, Eire. (Magnuson, R.I.)
9.135	WIOXLG	Radiomarine Corp. of America aboard Towboat HORACE L. HORTON, granted authority to operate as experimental station using also the frequencies 2.118, 4.4225, and 6.425 mcs., 100 watts. Will communicate with W9XTD, Lake Bluff, Ill., for purpose of investigating the possibility of establishing a coastal harbor service on the Mississippi and tributaries. (FCC)
8.050	----	Chinese station heard closing sometimes at 6:30 and again at 7 A.M., announcements by lady with first three letters of call "XGO-". The last sounds like either A or K but has different program from the Canton station. Do not confuse this with HSP6 on 7.966 mcs. (Tune-In)
7.193	YN2FT	La voz de la Sultana, Granada, Nicaragua, 100 watts, owned by Jose F. Tercero, broadcasts daily 8-10 P.M., and contacts amateurs 7-8 and 11 P.M.-1 A.M. Verified promptly with red and white card, black call. The reports on both broadcast and amateur were first from USA. (Legge, N.Y.)
6.050	----	Rangoon, Burma, now using a powerful new transmitter with same program as XYZ, 6.007 mcs. closing at 10 A.M. (Tune-In)
6.040	WDJM	Miami, Fla., verifies with nice card showing the Miami skyscrapers in the twilight. (Jake Field, Calif.)
5.683	----	Stations heard on the Chicago Southern Airlines- WAQA, Chicago; KNCK, St. Louis, Mo.; WAJC, Memphis; and WAJD, Jackson, Miss. (Leboeuf)
5.725	OZ6	Ground station U.S. Army airways located near New York City in contact with Bombers #30, 40, and 43, all heard at 11:15 A.M. (Leboeuf, Mass.)
5.320	-----	Unidentified station plays Western music from 7-8 A.M., some mornings much later. Seems likely to be Russian. (Tune-In) A very weak station logged at 3:10 A.M., 3/3, by the writer may be the same one. (ERR)
5.055	----	Station heard closing at 9:15 A.M., news in English heard to 7:20 A.M., then lessons in English and news in what seems like French at 7:30 A.M., all by lady announcer. Later announcements seem more like Russian and oriental music is heard. (Tune-In)
5.045	----	Another station heard same time as one above with native programs and relaying Daventry news from 8:15 A.M. closing immediately after. English announcements at close. Station is believed to be in Kuching, Sarawak, where a State Broadcasting Service was inaugurated September 9 for the benefit of local residents. (Tune-IN) Positive identification wanted.
4.220	HJR5 (?)	Cartagena, Colo., calls Maracaibo, Vene., almost daily at 7:30 P.M. then switches to scrambled speech. (Leboeuf)
3.410	NNGY	Relief Lightship #106 in Boston Harbor contacting Winthrop Radio at 11:20 A.M. NNBS, Pollock Rip Lightship, Mass.; NNBY, Vineyard Sound Lightship, Mass.; and NNBO, Handkerchief Lightship, Mass., all heard at same time contacting Winthrop Radio. (Leboeuf)

HIGH FREQUENCIES (EST) - By Earl R. Roberts

Mcs.	Call	Location
17.280	FZE8	Djibouti, French Somaliland; returned a reply card together with a letter of confirmation from the operator M. Franchette. This station still tests the first Thursday of each month, generally using CW from 8-8:15 A.M., and phone from 8:15-8:30 A.M. Next test will be April 4. (M.W.Soplop, NY)
15.160	DXS	Zeesen, Germany, is a NEW station being heard with DJE on the morning broadcasts. (Charles Leboeuf, Lass.)
	JZK	Tokyo, gives the news in English nightly from 8:15-8:30 P.M. (J. Goodrich, Ky)
12.460	HCJB	Quito, Ecuador, is now testing a new 10 Kw. transmitter and 4 element rotary beam antenna. Heard in English 9-9:40 P.M., signal R8-9. (John Varga, Ill.; Jack Goodrich, Kentucky)
11.735	YUE	Belgrade, Yugoslavia, R7, 9-10 P.M., 3/18. (Stephen Warring, Calif.)
11.708	CXA9	Montevideo, Uruguay, believed to be the station heard 3/19, R8, QRM, at 7:45 P.M. (Stephen Warring)
	OAX6B	"Radio Sur", Arequipa, Peru, listed as new station. (Quixote Radio Club)
10.590	XDAL	Chapultepec, Mexico, phoned Merida, Yucatan, at 7:55 P.M. (Roberts, Ind.)
10.530	DZD	Zeesen, another new German heard with TXB at 9 P.M., 3/13. (Roberts)
10.470	TG?	Guatemala phone, unidentified, phoned KEAC, Mexico, at 8 P.M. (Legge, N.Y.)
9.650	I2AA	Addis Abeba, I.E.A., verified reception of IDA special from Tornio with typical EIAR card. (M.W.Soplop)
9.625	CXA6	Montevideo, verified with booklet listing other calls as CXA4, 6.125; CXA10, 11.985; and CXA18, 15.30 mcs. Address- Servicio Oficial de Difusion Radio Electrica, Direccion Mercedes 823, Montevideo, Uruguay. (Gus. Magnuson, R.I.)
9.500	OFD	Lahti, Finland, heard signing at 5:15 P.M. with news in French. Announced as "Radio Falande" (Radio Finland) in French. Signal R7, Q5. (Leboeuf)
9.105	CSW	"Emisora Nacional", Lisbon, Portugal, carries same program as CSW7 but signs around 7 P.M. (QRC)
8.108	R---	Moscow, USSR, announced as 37 meters heard at 5:30 P.M. (Leboeuf) RRRD on 8.100 mcs. listed in Moscow. (ER)
7.692	R---	Moscow, announced they were on 39 meters at 6 P.M. (Leboeuf)
7.520	RKI	Moscow, announced as 40 meters, at 5:30 P.M. (Leboeuf)
7.500	???	Who was testing near this frequency using English and playing musical selections, Sunday, 3/17, from 5-8 A.M., irregular? (David Thomas, Ohio)
6.530	PZH	Paramaribo, Suriname, changed frequency from 6.790 mcs. (QRC)
6.425	W10 KKG	Steamer Mackenzie heard R5 at 9:18 P.M. working WAY, 4.282 mc. (Roberts)
6.205	XEBL	"La Voz de Sonora desde Navojoa", Navojoa, Sonora, Mexico, NEW. (QRC)
6.098	CP3	"Radio Nacional", La Paz, Bolivia, tested Jan. 29, 9:45-11:30 P.M. (QRC)
6.030	RV96	Moscow, heard at 5:15 P.M. This is the first time that 5 Russians (RAN, 9.6 also heard) were logged at one time. (Leboeuf)
6.010	GJCX	Sydney, Nova Scotia, heard R9 plus 11:30-11:41 P.M. (John Varga)
6.035	TI7RVM	Las Juntas, Costa Rica, NEW. A station we had been listening to for the past 15 minutes just announced a trifle too late to be cataloged properly in this list. Slight QRM from 6.040 and 6.030 mcs. (Roberts)
6.007	ZRH	Johannesburg, South Africa, R5, at 11:45 P.M. (Steve Warring, Calif.)
4.900	YDA	Bandong, Netherland Indies, thought to be the station heard here at 7:20 A.M. with programs similar to PLP. (Roberts) According to Tune In and the Australian DX Club, YDA is very well received here.
4.750	ZQI	Kingston, Jamaica, (ex-VP5PZ), heard Fridays 5:30-6:30 P.M. (Roger Legge)
4.617	KYZA	El Paso, Texas, and KYZL, Laredo, Texas, of the Immigration Border Patrol Service heard lately. (Leboeuf)
3.410	WS	Frying Pan Shoals Lightship, verified by letter from A.J. Summerfield, ex-W3ELN. The ship is anchored 40 miles off Cape Fear, N.C., but mail should be sent to Lighthouse Buoy Depot, Portsmouth Va. The QSL card was the first received at WSD. Mail is received only once monthly and the only other contact with the outside world is by radio. The Lighthouse Service has been absorbed by the Coast Guard and call letters of WSD changed to NNBM. (Roger Legge)

HIGH FREQUENCIES (EST) - Continued from page 4.

<u>Mcs.</u>	<u>Call</u>	<u>Location</u>
3.300	CFJ	Red Lake, Ontario, in contact with CFK, Kenora, Ont., 4.324 mcs., both stations heard during the evening. (Leboeuf)
2.738	WMCW	S.S. Juanita, logged at 6:26 P.M.; KJJI, Tug Eugene F. Moran at 5:30 P.M.; WDTN, Tug Madelyne J. Meseck, 15 w., at 6:15 A.M.; WDQW, Tug Joseph Meseck, 15 watts, at 6:15 A.M.; WDGO, Trawler Monrola at 7 A.M.; WTIV, Tanker F.A. Verdon at 7:42 A.M. in Portland, Me., harbor; WDTK, Tug G.A. Keogh, 15 w., leaving New York harbor; WTYI, Trawler Doris F. Amero; WTYV, Trawler Rose D., 10 watts; KJHX, Tug Dewey; WDHX, Tanker Seaboard; WDGP, Trawler Linta, 15 w., at 6:37 A.M.; WCOH, Tug Bronx #4; WDRF, Trawler Babe Sears, 25 w.; and KLOK, Tug Watuppa, 15w., at 6:55 A.M., all logged. (Leboeuf)
2.670	NRWL	LHT Hawthorne, in contact with NNGT, Barnegat Lightship, N.J., then shifted to 3.410 mcs. to complete contact; NRLV, Patrol Boat Jackson contacting the Charlotte, N.Y., surf station, the latter later in contact with NMD, Cleveland Radio, Ohio, at 7:45 P.M. NNFP, Sault Ste. Marie, Mich., Light-house Dept contacted Mackinac Island, Mich., surf station at 7:55 P.M. USCG station at Oregon Inlet, N.C., heard contacting Ocracoke, N.C. at 6:20 A.M. (Leboeuf, Mass.)
2.604	WZAU	U.S. Army station at Napoleon, Mo., logged at 5:45 A.M. (Leboeuf)
2.566	----	Southern Bell Telephone & Telg. Co., Atlanta, Ga., granted CP for new coastal harbor station near Charleston, S.C., power 400 watts. (FCC)
2.350	WZBS	Sandwich, Mass., on Cape Cod Canal heard at 8:30 P.M. (Leboeuf)
	KUMV	S.S. Volusia, 15 w., at 7:55 P.M., entering the Cape Cod Canal.

Another new coastal harbor station is proposed for Cape Girardeau, Mo., to work on 2.738 mcs., 50 watts, handling distress calls, emergency calls, weather reports, river data, lock news, and two-way telephone communication between boats within range of the station and land telephone stations. In one year more than 11,000 boats of 8,500,000 tonnage and carrying more than 1,000,000 passengers operated on the Mississippi River between the Missouri and Ohio Rivers. The principal commodities hauled are gasoline, cement, coal, molasses, coke, and iron.

Norman Kriebel received the following schedule from VLW, Perth, Western Australia, no frequencies given as the station is experimental:- 11 P.M. to 10:30 A.M., and 5:30 P.M. to 9:15 P.M. weekdays; midnight to 9:30 A.M. and 6-11:15 P.M. Sundays. Address is: Australian Broadcasting Commission, G.P.O. Box D 190, Perth, Western Australia.

HIGH FREQUENCIES (EST) - By Earl R. Roberts

Mcs.	Call	Location
43.400	W2XOR	Newark, N.J., affiliate of WOR, a frequency modulated station, operates daily from noon to midnight. (Frank Waysse)
43.200	W2XQR	New York, operated by WQXR, daily from 5-11 P.M. (Waysse, N.Y.)
42.800	W2XMN	Alpine, N.J., operated by Major Armstrong, relays CBS programs Monday through Friday, 4-11 P.M. Also on Sundays 3-6 P.M. (Waysse)
42.180	W2XWF	New York, relays WHN, operated by W. Finch, transmits daily 10-2 A.M.
15.170	LKV	Oslo, Norway, latest schedule mailed on QSL 3/2/40 gives schedules as:- weekdays 12:30-4 P.M.; Sundays 12:30-4:30 P.M. (L.M. Clark, N.Y.)
15.160	JZK	Tokyo, schedules:- for Eastern America 8-9 P.M. JZJ, 11.80 mcs., for North America from midnight-1:30 A.M. (Sergio Gonzalez, Cuba)
11.870	VLQ2	Sydney, R9 at 3 A.M. in parallel with VLQ, 9.615 mcs. (Roger Legge, N.Y.)
11.735	LKQ	Oslo, Norway, schedules:- weekdays 10 A.M.-12:30 P.M.; Sundays 9:30-12:30 P.M. (L. M. Clark)
10.120	----	Two French speaking stations, the other on 9.89 mcs., both R8-9, heard at 1:30 P.M., March 17. (Frank W. Hoxie, Maine)
9.690	ZHP	Singapore, Straits Settlements, heard at 1:45 A.M., announcing "This is the Singapore station under control of Malaya Broadcasting Corp." They requested reports from listeners. (Charles Ramirez, Cuban Radio Club)
9.645	LLH	Oslo, schedules:- weekdays 1-1:10 A.M.; 4:15-7:50 A.M.; Sundays 1:20-8 A.M. (Clark)
9.234	----	"Radio Bucharest", Roumania, gives news in English at 4:45 P.M. (Cuban Radio Club)
6.083	VQ7LO	Nairobi, Kenya, heard at the unusually late hour of 5:30 P.M. using the roar of a lion for identification signal. Asked for reports to Box 777, Nairobi, Kenya. Signal very good. (Cuban Radio Club)
6.035	TI7RVN	NEW station but not located at Las Juanas as reported last week. The correct address is "Station TI7RVN, Voice of Guanacasta, Guanacasta, Costa Rica." Heard from 1:44 to sign off at 3 A.M., 3/24, playing American recordings mostly. Announcer promised a beautiful foto of the city for reports and especially requested them from USA and Canada. May DX again on Sunday mornings. (Ray Shaffar, Iowa)
4.755	HJHE	Buenaventura, Colombia, heard well on this frequency. (Cuban Radio Club)
2.698	----	USCG station at Eatons Neck, N.Y., in contact with Rockaway Point heard at 6:15 A.M. (Charles Leboeuf, Mass.)
2.670	NRXO	Lighthouse Tender "Willow" contacting the cruising cutter NRUG "Tampa" at 6:20 A.M. Both ships belong to the New Orleans Coast Guard district.
2.198	WCRF	Gulf Marine Station #40 contacting WOX at 6 P.M. (Leboeuf)

The FCC granted CP for new coastal harbor station operated by Southern Bell Telephone and Telegraph Co., located at Maderia Beach, Fla., 2.598 mcs., 400 watts. This station will serve vessels in the Gulf waters along the west coast of Florida between the areas now served by the Miami and Port Sulphur, La., stations. In this area to be served are the harbors of Tampa, St. Petersburg, and Clearwater, Fla.

Steve Johnson, Havre de Grace, Md., requests the address of YUE:- Yugoslav Shortwave Station, No. 16 Milosha Velikog, Belgrade, Yugoslavia.

L. M. Clark, Williamsville, N.Y., advises that latest QSL from Oslo shows LKJ2, 6.13 and LLG, 9.61 mcs., as delted.

Floyd M. Murphy, Palestine, Ill., from whom we had not heard for nearly a year, writes that he is again DXing and has logged a number of stations, not new to these pages but new to his log. These include:- DJX, 9.67; DXB, 9.61; Radio Podebrady, 9.73; DJH, 17.84; VLQ5, 9.68; VLW2, 9.64; VLQ, 9.615; VLR, 9.58; XGOK, 11.65; CR7BD, 15.24; CR7BE, 9.65; TAP, 9.46; YUC, 9.505; YUE, 11.735; Radio Saigon, 11.78; KZRH, 9.63; XGOY, 9.64; XGOX, 15.19; XGOY, 11.89; PCJ1, 5.94; OIE, 15.19; FG8AH, 7.44; MTCY, 11.775; JFO, 9.63; JIE2, 9.69; and JIB, 10.53 mcs. Receiver used is an RME69 and DB-20. 121 countries have been logged with 99 verified and VAC of 29.... Certainly mighty glad to hear from you again, Floyd. Hope you will keep us informed of your DX.

HIGH FREQUENCIES (EST) By Earl R. Roberts

<u>Mcs.</u>	<u>Call</u>	<u>Location</u>
17.850	I2RO20	Rome, Italy, schedule - operates to 11:10 A.M. (I.D.A.)
12.862	WLXJ	Location not given, in contact with amateur W1KWJ at 6:08 P.M., 4/8, signal R9. (Roberts, Indiana)
11.830	VLW3	Perth, Western Australia, with English news at 4 A.M., announced the time as 5 P.M., R9. (Roberts)
11.725	JVW3	Tokyo, Japan, also heard R9 at 4:10 A.M. with Japanese program. (Roberts)
10.230	CZ2W	Rat Rapids, Ontario, approximately 150 miles NW from Lake Superior, R8 in contact with CHX, Toronto, on same frequency, at 8:45-8:54 A.M., 4/8. Mentioned they would be on same time the next day so may be daily schedule. (Roberts)
9.755	ZRO	Durban, South Africa, schedule:- 11:45 P.M.-12:50 A.M.; 3:30-7:30 A.M.; 9 A.M.-3:45 P.M., weekdays; Saturdays same as above except to 4 P.M.; Sundays - 5:30-7 A.M.; 9 A.M.-3:20 P.M. (SABC) Power 500 watts.
9.630	HJCT	Bogota, Colombia, verifies with black call on white card. No return postage necessary as the station is government owned. (John Varga, Ill.)
9.606	ZRL	Klipheval, schedule:- weekdays and Saturdays 11:45 P.M.-12:50 A.M.; 3:20-7:30 A.M.; 9-11:45 A.M.; Sundays 3:30-4:30 A.M., 5:30-7 A.M. Power 5 kilowatts.
9.523	ZRG	Pretoria, schedule:- weekdays 5:00 A.M.- 6:15 A.M.; Sundays 3:30-6:15. A.M. Power 5 kw.
9.500	OPD	Lahti, Finland, with news in French around 4 A.M. (Cuban Radio Club)
9.355	HCETC	"Radio del Teatro Bolivar", Quito, Ecuador, changed from 8.000 mcs. (QRC) Reported here as HCFG previously.
8.260	WCFT	Ship "Yankee" may be heard on this frequency contacting KF6JEG around 2:30 A.M. irregularly. Ship is now in the South Seas heading for Samoa. (Roberts via KF6JEG)
7.240	----	"La Vie de la France", new Anti-Nazi station operates to 5 or 5:30 P.M. (IDA) Reported as an Anti-Ally station broadcasting propaganda directed against the present Allied governments by QRC. Transmits simultaneously on 7.24 and 6.25 mcs. Heard to 5 or 5:30 P.M. (Quixote Radio Club)
6.470	WYYD	Randolph Field heard with weather and aircraft information at 10:06 P.M., 4/1. (Roberts)
6.205	XEBL	Reported in April 1 issue. Delete this station as it has been proven to be the 5th harmonic of BCB station XEDL on 1240 kcs. by QRC.
6.147	ZRD	Durban, schedule:- weekdays-11:45 P.M.-12:50 A.M., 3:30-7:30 A.M., and 9 A.M.-11:15 A.M. Sundays- 5:30-7 A.M., 9-11:15 A.M. Power 300 watts. This schedule takes the place of ZTE, 11.800 mcs., 300 watts. ZRD also operates weekdays to 3:45 P.M., Saturdays to 4 P.M.
6.097	ZRK	Klipheval, weekdays and Saturdays- noon-4 P.M., Sundays to 3:20 P.M. Power 5 kw.
	ZRJ	Johannesburg, weekdays 11:45 P.M.-12:50 A.M., 3:15-7 A.M., 9-11:30 A.M. Saturdays 8:30-11:30 A.M. Sundays 3:30-4:30 A.M., 5:30-7, and 8:40-11:30 A.M. Power 200 watts.
6.075	CXA3	Montevideo, Uruguay, new station relays CX3, slogan "Radio Nacional." Heard from 11:30 P.M. to sign off at 1:31 A.M., 3/31. Played Argentine tangos and popular American songs. Operated by Servicio Oficial de Difusion Radio Electrica, Mercedes 823. Logged R9 on Pacific Coast but only R4 in Iowa. (Steve Warring, Calif.; Ray Shaffar, Iowa.)
6.007	ZRH	Pretoria, weekdays 11:45 P.M.-12:50 A.M., 9:30-12:45 P.M., 2-3:30 P.M. Sundays 8:30 A.M.-12:45 P.M., 2-3:15 P.M. Saturdays to 4 P.M. 5 kw. Also operates with 200 watts weekdays from 3:30-4 P.M.
6.005	HP5K	Colon, Panama, schedule- 7-9:30 A.M., 5:30-11 P.M. (John Varga, Ill.)
4.878	ZTD	Durban, not in operation at present.
3.410	NNDY	Dry Tortugas Light Station, Fla., heard at 9:25 P.M. (Charles Leboeuf)
2.612	WGLM	Middle River, Md., and WGLP, Yacht "Glen Mar", heard 4/1 at 8:25 P.M. testing with the monitor station at Riverhead, L.I., N.Y. Stations are operated by the Glen Martin Plane Co. (Charles Leboeuf, Mass.)

HIGH FREQUENCIES (EST) - By Earl R. Roberts

<u>Mcs.</u>	<u>Call</u>	<u>Location</u>
18.700	----	Unidentified station heard R8-9 with classical and popular music from 9:20-11:10 A.M., not a word being spoken during all that time. At 11:10 A.M. man said about ten words, the final word being "IRAN." A march followed and the station signed off. (Roger Legge, N.Y.)
17.850	2R020	Rome, heard testing Friday, 3/12, at 10:45 P.M. announcing this a new frequency for listeners in South America. (Mrs. Mary Page, Okla.) The frequency given by Mrs. Page is 17.708 mcs. but we presume this to be a misprint since it is outside the 16 meter BC band.
17.310	KRTK	West Base, Little America, Antarctica, now testing almost nightly with WGEO, WCG, and WEL. Schedule is for 10 P.M. EST on either 17.31 or 12.862 mcs. Other frequencies may be used. (Roberts, Ind.; Soplop, N.Y.)
15.285	OR7BG	Lourenco Marques, Mozambique, is beamed on America daily from 7-8 A.M. according to letter dated March 4. (Mrs. Mary Page)
15.230	DXT	Zeesen, heard in parallel with DJB, 8-9 A.M. for North America. (IDA)
15.180	RV96	Moscow, with RKI, 15.04, RNE, 12.00, and RAN, 9.60 mcs., announcing in English at 8:30 P.M., following with a foreign broadcast. (Roberts)
12.862	KRTK	West Base, Antarctica, heard 4/9 signing at 12:35 A.M. Signal R6-8, Q5. Asked regarding a program for Friday night 4/12 and said they would have to get permission to broadcast it as they only had authority to test up to now. Heard at 10:15 P.M. calling WCG-WEL. (Mrs. Page, Legge, Roberts)
12.510	----	Unidentified station 4/4, from 4:10-4:25 P.M. at which time the listener had to leave. Chimes was heard for about 30 seconds, silence for the same period, then chimes over and over again. At 4:25 a few bars on a piano were heard, then more chimes. At times the station carrier was out for a few seconds. Sequence of the chimes seemed to indicate this was an interval signal. (Ray Shaffar, Iowa)
11.703	CXA19	Montevideo, Uruguay, logged 4/9, at 6 P.M. with frequent Spanish announcements, evidently a test program. Slogan used was "Difusoras El Espectador" and seemed to be relaying LR2 Buenos Aires R9. (Roberts)
11.570	COCSD	P.O. Box 625, Havana, Cuba, NEW station heard R9 plus from 7:30-11:30 PM nightly excepting Sunday. Postal card scenes from Havane promised for all reports received. Practically all announcements in English as well as Spanish. Reported first by Ray Shaffar as heard April 6, 5:46-6:05 P.M., possibly the first broadcast. Station seems to be owned by the party of Batista, presidential candidate, and extoll him continually. (Shaffar, Iowa; Desmond Callan, Mass.; Roberts)
9.630	HJCT	Bogota, verified promptly with white card with "Radiodifusora Nacional" in large black letters at top, calls HJCT and HJCR in center. (Legge)
9.600	RAN	Moscow, signed in English at 5:52 P.M. with other stations announced on 49, 25, and 19 meters. (Joe Lippincott, Maine)
8.100	KVZC	Canton Island, heard R9, Q5, 4/13, 1:38-1:48 A.M. talking to KVZJ, Jarvis Island. The power had failed on the latter's transmitter and KVZC was giving detailed instructions how to check for the trouble. (Roberts)
7.995	NIQ	Johnston Island, verified with letter via airmail postmarked from the USS Quail April 6, received in Indiampolis the 10th, just 4 days later. NIQ runs about 140 watts into a pair of 803's and receiver is a Navy set. The operator, Roger M. Farnell, RM2C, is ex-W9GTW from Chicago, but has not been on since 1932 after joining the Navy. Has been stationed at Johnston for 5 months and due to be relieved in a month but may stay over a few more and work some DX if his ham ticket goes through. The only ham station set up down there so far was K6NYD operating portable KE6. NIX, heard contacting NIQ at 2:15 A.M., on 7.98 mcs. is supposed to be on 7.995 mcs. also, and is located at Palmyra Island, a few hundred miles to the SE. Mail is received once a month by boat from Hawaii and reports of reception are welcomed. (Roberts)
6.084	ZAA	Tirana, Albania, verified in 6 weeks with white card, "Radio Tirana" in red and small red call below. A letter accompanying M.W. Soplop's card contained the following indefinite statement: "Particularly we are

HIGH FREQUENCIES (EST) - Continued from page 5.Mcs. Call Location

pleased to inform you that one of the first days of May, we are giving a special transmission dedicated to our listeners in North America, following the suggestion of Mr. Earl R. Roberts, Indianapolis, Ind. As times are so uncertain would you be so kind as to also give this information to him and your friends by publishing this news in your Editors radio periodicals for the short wave bands." No date, time, or frequency was mentioned and ye writer is shooting an airmail to Albania to try and obtain data in time for publications. (Roger Legge, M.W.Soplop)

6.007 XYZ Rangoon, Burma, believed to be the station reported by Mrs. Mary Page with Oriental program at 7 A.M. (Mrs. Page, Okla.)

CXA3 Montevideo, reported last week on 6.075 mcs., should have been on this frequency instead. (Ray Shaffar)

4.750 ZQI Kingston, Jamaica, verified with letter from The Information Officer. The transmitter was presented to the Government on outbreak of war by John Grinan (VP5PZ). Operates one hour weekly at present, Friday 5:30-6:30 P.M. but they hope shortly to operate on a full time basis. (Legge)

HIGH FREQUENCIES. (EST) - By Earl R. Roberts

Mcs.	Call	Location
25.950	W6XKG	Los Angeles, Calif., has been tentatively denied application for renewal of broadcast license since applicant has not shown a program of research and experimentation which indicates reasonable promise of substantial contribution to the development of high frequency broadcasting. This also applies to W6XRE, 42.30 mcs. (FCC)
15.410	RV96	Moscow, is heard daily from 4-11 A.M. (Desmond Callan, Mass.)
15.180	RV96	Moscow, very strong nightly from 7-9 P.M. (Callan) Signs with the English program at 8:30 P.M., following with foreign broadcast. (Roberts, Ind.)
15.160	DXS	Berlin, now replaces DJB on the 6:30-9 A.M. broadcast to N.A. (Callan, ER)
14.440	---	"Radio Nacional de Espana", the former "Radio Malaga", heard irregularly nights. (Callan)
12.862	KRTK	West Base, Antarctica, sends weekly program to CBS Saturday, 11:15-11:30 P.M. Good R7 signal but fluttery. (Callan)
11.925	----	Unidentified station from about 2:30 to signoff at 5:30 P.M., R6-7. Speaks Arabic only and plays Arabian music. This should not be mistaken for CB1180, 11.94 mcs., on the air at same time. Can anyone identify? (Callan)
11.900	XGOY	EQF, Teheran, Iran, on 11.895 mcs., is the nearest to an Arabic station. Szechwan, China, has an English program 5:30-about 6 A.M. with news first, then western music. (Callan)
11.780	----	Radio Saigon, French Indo-China, now signs on at 5:30 A.M. instead of 6 using 11.78 mcs. only for this program, $\frac{1}{2}$ hour in English. (Callan)
11.740	HVW	Vatican City, transmits each Thursday and Sunday from 8:30- about 9 P.M. in English to North America. (Roberts)
11.680	KIO	Kahuku, Hawaii, on the Hawaii Calls program Saturday night. Signed at 9 P.M. (R. B. Oxrieder, Canal Zone)
11.570	COK	Change in call for COCSD, Havana, Cuba. Announces as "COK, O.K. Batista." Address P.O.Box 625. Wants thousands of letters from U.S. (Callan; Gus. Magnuson, R.I.)
10.543	DZD	Berlin, seems to have replaced DXB, 9.61, starting at 8 P.M. (Callan)
9.710	CR7BE	Lourenco Marques, Port. East Africa, has changed from 9.645 mcs. (Callan)
9.645	LLH	Oslo, Norway. is still on the air but presumably under Nazi control. Heard with nice signals afternoons after a week's absence. (Callan)
	VLW2	Perth, W. Australia, now signs on at 5:15 A.M. instead of 6. (Callan)
9.625	HAT5	Budapest, Hungary, now transmitting 6:35-8 P.M. but almost completely covered by QRM. The bagpipe interval signal was heard very weak at 6:35 P.M. through tremendous interference. HAT4 now discontinued. (Callan)
9.520	----	Unidentified station broadcasting entirely in Portugese at 6:30 P.M. for a half hour or so. May be the new 20 Kw. Rio de Janeiro station. This is not Paris but seems to have that channel up to the time Paris wants it for the N.A. program. (Callan)
7.650	ZAA **	<u>Radio Tirana, Albania</u> , will dedicate a special transmission for listeners in North and Central America. This will take place on Tuesday night <u>May 14th</u> , from <u>9:00-10:00 P.M. EST</u> (May 15th, 2-3 GMT) with selections of Native Albanian music. A circular with more ample information is being mailed to all their correspondents in America. Acting upon the writer's suggestion, ZAA has now discontinued 6.084 mcs., and from April 16, began broadcasting from 6:20-8:30 A.M., and 12:20-5 P.M. EST on one frequency of 7.850 mcs. Any improvement in reception should be reported to ZAA so they may know if this frequency is better for afternoon reception to America. Please tune in the special transmission on May 14th and report to The Director, Radio Tirana, Tirana, Albania. Enclose IRC for verification card. Any unforeseen occurrences in the Balkans prior to that date may alter the broadcast or cancel entirely. (Roberts, Indiana)
6.135	OAX4?	Radio Lima, Peru, now heard. Last letter sounds like G and Radio Grellaud OAX4G was not in their usual place at the time, but if this is OAX4G it is also a change in slogan. (Oxrieder)
5.975	HILJ	San Pedro, D.R., shifted frequency from 5.960 mcs. (Oxrieder)
5.957	HH2S	Port-au-Prince, Haiti, changed from 5.985 mcs. (Oxrieder)
4.782	YV1RO	Trujillo, Venezuela, shifted slightly from 4.778 mcs. (Oxrieder)

HIGH FREQUENCIES (EST) - Continued from page 5.

Mcs.	Call	Location
3.410	NNEO	Key West, Fla., lighthouse depot heard on schedule with LHT NRXC "Zinnia" and NRXB LHT "Poinciana". (Leboeuf, Mass.)
2.738	WDWT	Tug Russel 20; WDRM Towboat Geo. T. Price on Mississippi River; WDTU Trawler Evelyn G. Sears; WDHQ Trawler Pauline M. Boland (8 watts); WCQN Yacht Sybil; WEOX Tug Belle Harbor; KRLS Tug Carrie T. Meseck; and WTYO Yacht Miami, all heard between 6:25-8:30 P.M. (Leboeuf)
2.670	WDRH	Trawler Olivia Brown sending request for assistance, located 175 miles SE from Gloucester, Mass. NRGB, 125' Patrol Boat Argo later heard with Olivia Brown in tow. (Leboeuf)
	NOP	New York Radio, N.Y., in contact with NROJ. NOU, Base 4, New London, Conn., contacting NRWL, LHT Hawthorne. San Juan Radio, P.R., heard contacting Cape San Juan, P.R., latter on 2.698 mcs. (Leboeuf)
2.698	NRFQ	Cable laying ship Pequot contacting the surf station at Point Judith, R.I.
	NRFP	158' Cruising Cutter Pamlico contacting "Little Creek." It is believed the latter station takes the place of Cape Henry, V.a, Lighthouse as contact station for the Norfolk district. (Leboeuf)
2.530	WCT	San Juan, P.R., coastal harbor station heard testing evenings. (Leboeuf)
2.350	WECF	S.S. New York, plying between Boston and New York in the Cape Cod Canal contacting WZBS, Sandwich, Mass. (Leboeuf)
2.182	NMP	Willmette Radio, Ill., contacting WMI and Steamer Weir. WAD, Port Washington, Wisc., and WAY, Lake Bluff, Ill., also logged. (Leboeuf, Roberts)
2.158	WNSX	S.S. Louis W. Hill; WNYA S.S. Davis M. Wier, contact WAD evenings. (Leb.)
2.142	WTAE	Yacht Annette R contacting WGB at 8 P.M. (Leboeuf)
2.118	WLOXLG	Towboat Horace C. Horton contacting W9XTD, Lake Bluff, Ill. (Leboeuf)
2.110	WDIX	Schooner Yacht Serva La Bari; WDNV Dredge Brigantine; WDJY Trawler Governor Al Smith; KJTK Tug Nothingham, all contact WOU. (Leboeuf)

FLASH Radio Morocco is reported on the air with R7-9 signals on 11.94 mcs. by Jimmy Hart, Irvington, N.J. This may be the Arabic speaking station listed on 11.925.. No English is spoken and station uses a two stroke gong between announcements. A new German, DJZ, is also reported on 11.792 mcs. to North America during evening programs.

The Australian DX Club advises that the Japanese Hankow Government is building a 20 Kw. station with call XGSA on 6.105, 9.520, 11.730, 15.240, 17.775, and 21.450 mcs. Another Shanghai station reported preparing to operate under joint Chinese and Japanese control will use call XGSB on 6.095, 9.505, 11.875, 15.190, 17.785, and 21.50 mcs. Other new Shanghai stations preparing to operate on SW are:- XGBA, 21.550; XGBB, 17.795 mcs.; XGBC, 11.800; XGBD, 9.579 mcs. All are to use 18.5 Kw. power. (ADXC)

HIGH FREQUENCIES (EST) - By Earl R. Roberts

<u>Mcs.</u>	<u>Call</u>	<u>Location</u>
15.496	----	Announcing as "Radio Tunis", a new station has been heard testing irregularly mornings and afternoons in the 15 mcs. band and often on this frequency. Also heard on about 15.710 mcs. Programs are chiefly Arabic and French with bells as interval signal and announcements as "Ici Radio Tunis." (QRC)
15.200	XGOX	Chungking, China, verified with white card, small black call and drawing of panda at lower left. Operates 8:30-9:30 P.M., 10-11 P.M., and 11:30 P.M.-1 A.M. (Roger Legge, N.Y.)
15.162	CP43	"Radio Cotagaita", at Cotaigaita, Bolivia, is heard 2:30-5 P.M. and irregularly 8-9:15 P.M. (IDA)
13.980	----	Unidentified Moscow station heard signing off at 7:00 A.M. (Leboeuf, Mass.)
12.862	KRTK	West Base, Little America, Antarctica, is not yet heard on the announced weekly broadcast to CBS from 11:15-11:30 P.M. Saturdays. The program may have flopped. (Desmond Callan, Mass.)
11.940	----	"Radio Maroc", Rabat, Morocco, is well heard until 5:30 P.M. daily. Interval signal is 2 strokes on gong or short selection on musical instrument. No English used. (Jimmy Hart, IDA) Received R9 in Indianapolis. ER
11.801	DJZ	Berlin, seems to be broadcasting from 4:50 to about 7 P.M. (Callan)
10.869	CR6RY	Benguela, Angola, Portugese West Africa, transmits irregularly 2-4 P.M. Announcements in Portugese by man and closes with National Anthem of Portugal. Radio Club de Benguela, operators. (QRC)
10.600	ZIK2	Belize, Br. Honduras, verified after 2 months with letter and card in blue, red, and black showing map of Central America with the country in red and call in perspective. Power 200 watts. Schedule:- News twice daily at 1:30 and 8:30 P.M. "We specialize in giving only authentic news." Reports wanted on the 12:30 PM CST transmission. (Roberts, Ind.)
9.660	VLW4	Perth, West Australia, transmits from 11:30 A.M.-12:30 P.M. (IDA)
9.615	VLQ	Sydney, verified in 4 months with mimeographed letter with frequency and date of reception typed in. Address is Australian Broadcasting Commission, P.O.Box 487 AA, Sydney. (Legge)
9.520	RV96	Moscow, was identified as the Portugese speaking station heard until about 7 P.M. English used at 5 P.M. with news. (Callan)
9.135	W9XRA	Lake Bluff, Ill., Thorne Donnelley, granted authority to operate on 6.425 and 9.135 mcs., 400 watts, for testing with aircraft. (FCC)
8.100	KVZC	Canton Island, R6-8 at 2 A.M. in contact with K6BNR mentioned that <u>Jarvis Island</u> had been off the air since 4/12, cause unknown. <u>Baker Island</u> has been off for several days due to generator trouble. <u>Howland Island</u> also having generator trouble: ison with "flea power" from batteries. <u>Enderbury Island</u> is also on but using low power. KVZC has schedules with these stations at 6 and 11 P.M. local time. (Roger Legge)
7.865	SUX	Cairo, Egypt, verified by letter not mentioning call or frequency. QRA-Egyptian State Broadcasting, Radio House, Sharia Elwi, Cairo, Egypt. (Legge)
6.660	WONN	S.S.J.S.Ashley; WDIW Wm. F. Stifel; WOLO, A.T.Kinney, work WMI. (Leboeuf)
6.500	WVAM	Ft. Monmouth, N.J., US Army Post in contact with Army Plane R7. (Leboeuf)
6.450	COHI	Santa Clara, Cuba, is the only SW station relaying the Blue Network and RHC, two networks now known only as one RHC-Cadena Azul. All reports are verified. (Charles Ramirez G., Cuba)
6.390	COX4	Havana, and COX7, 4.29 mcs., are anxious for reports on their 2-3 P.M. programs. No postage necessary. (Charles Ramirez G.)
6.015	XEWI	Mexico City, heard testing on this frequency at 11 P.M. (Legge)
6.010	PRA8	Pernambuco, Brazil, verified after about 4 months with white and blue card. (Roberts)
2.738	WDVJ	Maine, owned by State of Maine, 55 watts; and WDNO, Anne E, owned by State of N.J., 30 watts, heard at 7:24 and 9:15 P.M. (Leboeuf)
2.598	WAK	New Orleans, La., coastal harbor station to use this frequency instead of 2.558 mcs., ship receiving frequency changed from 2.166 to 2.206 mcs. Canadian coastal harbor frequency to ships on 2.206 mcs. will soon be in use. (Leboeuf, FCC)

HIGH FREQUENCIES (EST) - Continued from page 5.

<u>Mcs.</u>	<u>Call</u>	<u>Location</u>
2.604	WZAU	Napoleon, Mo.; WZAV, Cape Girardeau, Mo.; WZAR, St. Louis, Mo.,; and WYBG, Towboat Suter, all U.S. Army stations heard. (Leboeuf)
2.582	----	Canadian coastal harbor frequency will contact ships on 2.182 mcs. VBF, Port Burwell, Ont., heard on this frequency already. (Leboeuf)
2.558	WAQ	Ocean Gate, N.J., changed from 2.522 mcs., will contact ships on 2.166 mc.

Pioneer use of radiophotograph transmission from the antarctic to relay pictures from Little America to the United States is involved in the special temporary authorization granted Press Wireless, Inc., to communicate with the Byrd antarctic expedition. A1 (continuous wave telegraphy) and A2 (modulated continuous wave telegraphy) type emission will be used to control the pictures by air from the base radio station KRTK to the Press Wireless point-to-point station, W2XGB, at Hicksville, N.Y. The experiment is authorized for one month. (FCC)

HIGH FREQUENCIES (EST) - By Earl R. Roberts

<u>Mcs.</u>	<u>Call</u>	<u>Location</u>
17.845	JLS2	Tokyo, Japan, now heard on the 8-9 P.M. North American transmissions with fair signals. (Roger Legge, N.Y.; Roberts, Ind.)
15.240	TPC5	Paris, schedule:- To North America- 7:45-8:15 A.M.; 11:30 A.M.-12:30 P.M.
15.155	SBT	Motala, Sweden, schedule as postmarked from Sweden on May 8th:- weekdays 8-9 P.M., 1-4:30 P.M.; Sundays 8-9 P.M., 3 A.M.-4:30 P.M. (Magnuson, R.I.)
12.050	FFZ	Shanghai, China (French owned station), operates 6-11 A.M. Announcements and news in English at 8 A.M. (IDA)
11.960	----	"The New British Broadcasting Station", on this announced frequency, is a pro-Nazi station, presumably in Germany, heard weekdays 3:30-4, and 4:30-5 P.M., and Sundays at 11:30 A.M. and 3:30 P.M. Interval signal is one stroke of gong and signs with "God Save the King." (IDA)
11.940	CNR2	Rabat, French Morocco, 12 kw., owned by Office Cherifien des P.T.T., is licensed for this frequency by the Official Berne List. This is no doubt the station heard afternoons from 2:30-5:30 P.M. Is also licensed on 6.137 mcs. with 2 Kw. power. (Berne; Leboeuf, Mass.; Legge)
11.870	VLQ2	Sydney, schedules received in May via England:-2:30-3:30 A.M. directed over the Balkan States and North Africa with an English talk at 3:15. Morton Meehan, N.J.)
11.845	TPB8	Paris, schedules:- 11:30 A.M.-12:30 P.M., and 8 P.M.-12:45 A.M. (Roberts)
11.720	TPA4	Paris, 8:00 P.M.-12:45 A.M. (Received via airmail from Paris)
11.705	SBP	Motala, Sweden, schedules:- weekdays 1-4:15 P.M., Sundays 3 A.M.-4:15 P.M.; Nightly 8-9 P.M. (Magnuson)
11.630	LU4R	Mendoza, Argentina, was R7 in N.Z., testing at 8 A.M. when calling Buenos Aires and announcing "Station LU4R transmitting experimentally for Buenos Aires on 11630 kilocycles." (Tune-In)
10.430	YBF3	Medan, Sumatra, heard near 9 A.M. and calling ships in English. (Tune-In)
10.000	XOGX	Chinese station heard 6-11 A.M. Location not known. (Tune-In)
9.775	????	Unidentified station with R7 carrier, R4 music, opens at 8 A.M., is Oriental with speech and music more like Hindustani than Chinese or Japanese. Is probably situated in the Near-East. Male announcer. (Tune-In)
9.760	XGSB	Seemingly in Hankow, China, and Japanese controlled, 7-9 A.M. Lady announcer and chimes up the scale identify it. (Tune-In)
9.705	----	Radio Martinique signed at 8:30 P.M. with both French and British anthems.
9.695	JIE3	Tyureki, Taiwan, has an English news period at 9:05 A.M. (Floyd Murphy)
9.680	VLQ5	Sydney, schedule- 7-8 A.M. toward North America, all English. (Meehan)
9.664	VLW4	Perth - 11:30 A.M.-12:30 P.M. toward Africa, English and Afrikaans spoken.
9.620	CXA6	Montevideo, Uruguay, verifies with silver folder showing a world map on the inside. (John Varga, Illinois)
9.615	VLQ	Sydney - 2-4 A.M. to Europe; 10:30-11:30 A.M. to N.A.; 8:15-8:45 A.M., to India; 6:30-7 A.M., to S.America. (Meehan)
9.580	VLR	Melbourne - 7:30-8 A.M. to Japan, P.I., in English; 9-9:30 A.M. to Netherlands Indies, English and Dutch used. (Meehan)
9.535	SBU	Motala - daily 4:30-5:00 P.M. (Magnuson)
9.520	TPC13	Paris - 1-2 A.M., and 8 P.M.-12:45 A.M. (Roberts)
9.230	COCY	Havana, Cuba, has been added to the RHC-Cadena Azul network and will verify all correct reports sent to: Parque Vidal Num.5, Santa Clara, Cuba. (Charles Ramirez G., Cuba)
7.000	CUM	San Miguel, Azores, (Licensed on 6.925) has been heard phoning Lisbon around 5:30 P.M. (Norman Kriebel, Pa.)
6.985	VQF	Kuching, Sarawak, operates once a week from 7:10 P.M. on, Fridays. Power is 50 watts, 80% modulated. Usual announcement is "Kuching Calling." Programs consist of a few gramophone recordings followed by information of interest to Sarawak Government officers and public in English and a summary of the week's news in Malay and Chinese. Address: Mr. F. Harding, Acting Postmaster-General, General Post Office, Kuching, Sarawak. (Tune-In)
6.980	XTJ	Presumably in Hankow, China, heard around 7-9 A.M. testing and playing recordings. "My Blue Heaven" was the favorite and the only identification was "XTJ calling." (Tune-In)

HIGH FREQUENCIES (EST) - Continued from Page 5.

<u>Mcs.</u>	<u>Call</u>	<u>Location</u>
6.660	KDXU	S.S. Donald B. Gillies; WDPO, James C. Wallace; KDXT, John Stanton; WPBI, Venus; WDPX, D.O. Mills; and WOLZ, Wm. P. Snyder Jr., heard days. (Leboeuf)
6.115	KZRC	Cebu, P.I., heard 4-9 A.M., has shifted here apparently to avoid QRM from ZHJ and a new station on 6.108 mcs. (Tune-In)
6.108	XOJ	New Chinese station heard near 8-9 A.M. Opens with orchestra recording and announcements by lady, then mostly a talk by a man. (Tune-In, IDA)
6.080	ZHJ	Penang, S.S., writes that the station reported as ZHJ on about 6.1 mcs. was NOT ZHJ as they are crystal controlled on 6.080 mcs. with 1 Kw. Schedule-5:40-8:40 A.M. (Roberts)
6.065	SBO	Motala - daily 4:15-5 P.M. (Magnuson)
6.035	TI7RVM	"La Voz de Guanacaste", Las Juntas Abangares, C.R., verified promptly with card and letter signed by John Gilbert Daly. They transmit special programs each Thursday from 12-3 A.M., CST. (Roger Legge)
3.402	NNFA	Old Mackinac Point, Mich., contact station, heard calling and working-NNFG, Poe Reef Lighthouse, Mich.; NNET, Martins Reef Lighthouse, Mich.; NNFU, Spectacle Reef Lighthouse, Mich.; NRYZ, LH Tender Walnut, at 7:45 P.M. (Leboeuf)
2.900	AB3E	U.S. Naval Reserve station at Meridan, Conn., airport, in contact with AB3G, location unknown, at 8 P.M. (Leboeuf)
2.738	WCGT	Yacht Wunneweta; WDKD, Yacht Numbus; and KFDI, Tug Goliah, in contact with WJG, Memphis, Tenn., coastal harbor station. (Leboeuf)
2.198	KLGE	Tug K. Whittelsey; KNLV, Yacht Elda; WTMM, Tanker Carmelite; and WCUE, Yacht Mobjack, in contact with WOX around 8 P.M. (Leboeuf)
2.182	KFLN	S.S. Michigan at 8:45 P.M. in contact with WAS, Duluth, Minn. WNXW, Albert E Heckin; KDZN, the Calcite; CYKB, S.S. Edmonton; VGRT, S.S. Huron; KFML, S.S. Pontiac; and KPLO, S.S. Peter White, all heard in this International working frequency. (Leboeuf)
2.158	WOBK	Carl D. Bradley and WDRG, M.S. Martha Allen contacting WMI. (Leboeuf)
2.110	WDTP	Tanker A.H. Dumont contacting WOU at 6:10 P.M. (Leboeuf)

FCC ITEMS

Eddie Erlbacher has been granted CP for new coastal harbor station at Cape Girardeau, Mo., unlimited time on 2.738 mcs., 50 watts. Diamond State Telephone Co., near Delaware City, Dela., granted CP for new coastal harbor station, WEH, on 2.522 mcs., 400 watts. WAY, Lake Bluff, Ill., granted additional frequency of 2.182 mcs. for calling and safety; 2.582 and 4.2825 for working Canadian ships. WMI, Lorain, O., will also use 4.2825 mcs. WHC, Mackinac Island, Mich., to use 2.182 mcs. for calling and safety; 2.514 and 2.582 mcs. working, 40 watts.

NBC has been granted special authority to operate WNBM on board Steamship Brazil using 500 watts on 4.7975, 6.425, 9.135, 12.8625, and 17.310 mcs. to relay broadcast Toscanini Concerts and special program material from the Brazil, bound for East Coast South American ports, to South American broadcast stations.

STATION NOTES

OAX7A, Radio Cuzco, Cuzco, Peru, is to operate on 6.128 mcs., 100 watts, owned by C. Lizarrage Fisher, according to latest releases from Berne, Switzerland. OAX6B, Radio Sur, Arequipa, Peru, is on 11.710 mcs., 150 watts, owned by Maximo y Landa. COX7, 4.290 mcs., and COX4, 6.390 mcs., both 5 Kw., are located at Columbia, Cuba, operated by Ejercito Constitucional. LRA3, operated by Posts and Telegraphs, 11.730 mcs., 200 watts, is located at General Pacheco, Argentina, possibly a suburb of Buenos Aires. PRF5, Rio de Janeiro, is assigned an additional frequency of 15.190 mcs., 12 kw. Radio Martinique with 200 watts is also assigned to 6.145 mcs. CRY9, Macao, Macao, has changed frequency from 6.080 to 6.122 mcs., 500 watts.

COLB, Marinao, Cuba, is a meteorological station working on phone with 200 watts on 3.847 and 7.695 mcs. Kirkee, India, will operate a new phone on 17.950 mcs., with call VWY2, and 10 kw. The Station Government is operating a commercial phone at Fort de France, Martinique, 10 Kw., on 19.570 mcs., call FZF9. A new phone for Mozambique is CRP, 250 watts, on 6.590 mcs.

HIGH FREQUENCIES (EST) - Continued from page 6.STATION NOTESB O L I V I A

<u>Mcs.</u>	<u>Call</u>	<u>Location</u>	<u>Slogan and Owner</u>	<u>Kw.</u>
6.000	CP9	Oruro	Cia. Radio Boliviana	1.000
6.100	CP11	Oruro	"Oruro", Estado	.250
6.110	CP2	La Paz	"Nacional", Costas Hermanos	1.250
6.120	CL15	La Paz	"El Condor", Ramon Pelaez	.250
6.130	CP22	Potosi	"Internacional", L. Camacho	.250
6.135	CP30	Santa Cruz	"El Oriente", L. Canedo Reyes	.250
6.150	CP12	La Paz	"Fides", Colegio S. Calixto	.250
6.160	CP39	Cochabamba	"Continental", Remberto Zapata	.250
6.200	CP5	La Paz	"Illimani", Estado	1.000
9.500	GP1	Sucre	"Chucuisaca", J. Camacho	.250
9.505	CP38	La Paz	"National", Costas Hermanos	1.250
9.510	CP24	La Paz	"Cultura", Agustin Aspiazu	.250
9.520	CP6	La Paz	"Illimani", Estado	1.000
9.550	CP23	La Paz	"Libertad", A. Berthein	.250
9.570	CP40	Cochabamba	"Central", Gottret y Cia.	.250
9.580	CP35	La Paz	"Bolivia", Juan C. Salinas	.500
9.700	CP25	La Paz	"El Norte", G. Teran	.500
15.300	CP7	La Paz	"Illimani", Estado	1.000

ADDITIONAL CERIEN CALLS

<u>MCS.</u>	<u>Call</u>	<u>Location</u>	<u>Kw.</u>	<u>Mcs.</u>	<u>Call</u>	<u>Location</u>	<u>Kw.</u>
6.010	OLR3A	Prague	30	11.840	OLR4A	Prague	30
	DXO	Zeesen	50		DXW	Zeesen	50
6.030	OLR2B	Prague	30	11.875	OLR4C	Prague	30
	DXP	Zeesen	50	11.900	OLR4D	Prague	30
6.115	OLR2C	Prague	34	12.130	DZE	Zeesen	40
	DXD2	Zeesen	50	13.635	SPW	Warschau	20
6.140	SP48	Warschau	50		DZF	Zeesen	7.2
	DXX	Zeesen	50	14.460	DZH	Zeesen	40
6.160	DXA	Zeesen	50	15.120	SP19	Warschau	50
6.170	OLR2C	Prague	30		DXH2	Zeesen	50
	DXQ	Zeesen	50	15.160	OLR5C	Prague	30
6.190	DXG	Zeesen	50		DXS	Zeesen	50
6.195	DXI	Zeesen	50	15.230	OLR5A	Prague	30
7.240	DXJ	Zeesen	50		DXT	Zeesen	50
7.270	DXM	Zeesen	50	15.275	DXI2	Zeesen	50
9.504	OLR3B	Prague	34	15.320	OLR5B	Prague	30
9.525	SP31	Warschau	50		DXU	Zeesen	50
	DXY	Zeesen	50	15.360	DZG	Zeesen	40
9.550	OLR3A	Prague	30	17.825	DXC	Zeesen	50
9.570	SP1	Poznan	.750	17.830	OLR6A	Prague	30
	DXZ	Zeesen	50		DXV	Zeesen	50
9.610	DXB	Zeesen	50	21.450	OLR7A	Prague	34
9.670	OLR3B	Prague	30		DJS	Zeesen	12
10.042	DZB	Zeesen	40	21.565	OLR7B	Prague	30
10.290	DZC	Zeesen	7.2		DJJ	Zeesen	12
10.543	DZD	Zeesen	40	21.640	OLR7C	Prague	30
11.535	SPD	Warschau	3		DJK	Zeesen	12
	DZA	Zeesen	7.2	21.660	DXD	Zeesen	12
11.740	SP25	Warschau	50	21.670	DXK	Zeesen	12
	DXC2	Zeesen	50	21.690	DXF	Zeesen	12
11.745	DJF	Zeesen	50	21.720	DXE	Zeesen	12
11.760	OLR4B	Prague	30	21.730	DXL	Zeesen	12
	DXR	Zeesen	50	21.740	DXN	Zeesen	12

To date we have no notice of any change in the status of stations in Norway, Denmark, Belgium, and Netherlands. Note the new spelling of Warsaw since taken by Germany.

HIGH FREQUENCIES (EST) - By Earl R. Roberts

<u>Mcs.</u>	<u>Call</u>	<u>Location</u>
15.690	----	"Radio Tunis", Tunisia, heard from 5-5:30 P.M., during June, but not heard any more. (Norman Kriebel, Pa.)
15.200	XGOX	Chungking, China, verified with a beautiful card, QRA given as:- "The Voice of China", The Chinese International Broadcasting Station, Chungking, China; signed by Sherman Wang, Director. Schedule- 8:30-9:35 and 10-11:05 P.M. (Richard Daneker, Pa.)
11.960	----	Illegal "New British Broadcasting Station" in Germany is very well heard in Massachusetts. Has poor modulation but signal strength is good. A man gives talks with the usual Nazi propaganda. (Desmond Callan, Mass.)
11.945	CNR2	Rabat, Morocco, "Radio Maroc", with 12 Kw., sends news in French at 2 and 5:30 P.M. Think they announced QRA as c/o Dept. of Telegraphs and Telephones. (Callan)
11.870	VUD4	Delhi, India, verified in 4 months. This is the station reported as Madras which has now discontinued use of this frequency and Delhi is using it for experimental transmissions. New Frequency for VUM2, Madras, is 9.570 mcs. (Roger Legge, N.Y.)
11.795	JZJ	Tokyo, and JZK, verified reception and, rather unusual, sent International Reply Coupons along with their questionnaires for the return postage. Dick thinks we should take off our hats to the Japanese for this courtesy but another member of the club thinks otherwise. This member thinks we should watch these questionnaires very closely as they give quite pertinent information regarding receivers, locations, etc. As each questionnaire is received, the information is tabulated on a card and carefully filed. By this time there must be thousands and thousands of such files. While the writer isn't expressing any opinion on the matter, never-the-less it is something to ponder. (Danaker, ERR)
11.570	COK	Havana, replied after several months with blue, white, and red card. This could not be considered a verification and neither could the accompanying form letter. Several nice scenery cards were also enclosed. (Roberts)
11.550	WXA	Juneau, Alaska, heard in schedule with WVD, Seattle, at 9:25 PM, 7/1. (ER)
8.100	KVZO	Canton Island, logged at 12:10 A.M. calling KVZJ, Jarvis Island, who is evidently still off the air. (Kriebel)
7.968	HSP6	Bangkok, Thailand, verified after 4-5 months with the HS6PJ-HS6PJ card, red and blue on white. Signed by Mr. Kamala Sukhum, announcer. Schedule- 8-10 A.M. daily with news in English at 8:45 A.M. always. Each Sunday at this hour a talk on Thailand is given instead of news. (Legge, Roberts)
7.850	ZAA	Tirana, Albania, verified reception of special North American program by card and registered letter. This program was given by relaying with Italian shortwave stations and a special transmission from Tirana. Its reception on 38.22 meters verifies its success and encourages the managers to repeat such programs, however, this cannot be done as frequently until their modern transmitter is completed. Daily transmissions are still on 7.85 mcs. only, from 6:20-8:30 A.M., and 12:20-5 P.M., EST. By separate mail quite a large number of magazines, pamphlets, booklets, postal card views, an excellent enlarged map of Albania and three photographs of station singers in native costume were received. However, all were in native Albanian or Italian language and quite useless to the writer, as far as reading them is concerned. (Roberts, Indiana)

STATION NOTES

Norman Kriebel, in a letter received from a friend visiting in Iraq, advises that Baghdad, Iraq, is actually broadcasting in the 19 meter band but being no radio fan, the writer did not mention time nor frequency. A check in the Berne list shows only HHN at Baghdad on 15.145 mcs. in the 19 meter band. Power 5 Kw.

WNBI, New York, has been granted authority to add frequency 11.820 mcs. to present licensed frequencies of 6.100 and 17.780 mcs., 35 Kw., unlimited time on 6.100 and shares with WPIT on 17.78 mcs. This special authorization is for the period ending November 1, 1940, on condition no interference is caused to the British Administration.

HIGH FREQUENCIES (EST) - Continued from page 5.

WLWO, Cincinnati, has been granted authority to add frequency 17.800 mcs. to the present frequencies of 6.060, 9.590, 11.870, and 15.270 mcs, 21.650 mcs. This gives them an outlet in each of the major shortwave bands.

Right on the heels of the list of German calls published last month comes the latest supplement to our Berne list showing changes in the Czechoslovak calls. However, the change is quite simple so a long list of calls is unnecessary. The first three letters of the Czech call, OLR, has been changed to the German DHE, followed by the numeral and letter signifying the band, i.e.: - OLR2A on 6.01 mcs., is now DHE2A; OLR3C on 9.670 mcs., is DHE3C, etc.

All India Radio has under way construction of additional transmitters as follows:-

6.010 mcs. -- VUC5	Calcutta	
6.150 mcs. -- VUD4	Delhi	Darwin, Northern Territory, Australia, is now
9.530 mcs. -- VUC6	Calcutta	represented by VID, operating with 100 watts on
9.550 mcs. -- VUB5	Bombay	6.600, and 7.500 mcs., with 700 watts. Central
9.590 mcs. -- VUM5	Madras	Australia might be logged through VK8US at Alice
		Springs, 300 watts fone on 8.690 mcs.

Russia is now going in for shortwave broadcasters with a free hand, these stations shown in latest lists:-

6.195 mcs., RW97, Novosibirsk	15 kw.	7.225 mcs., RW97, Novosibirsk	15 kw.
7.200 mcs., RW96, Moscow	15 kw.	7.235 mcs., RW100, Tachkent	15 kw.
7.210 mcs., RW96, Moscow	15 kw.	7.245 mcs., RW100, Tachkent	15 kw.
7.265 mcs., RW97, Novosibirsk	15 kw.	7.280 mcs., RW96, Moscow	15 kw.
	7.290 mcs., RW96, Moscow		15 kw.

A new station for Bluefields, Nicaragua, is listed as YMCN, 200 watts, 9.660 mcs.

The Deutsche Post Oeston is building transmitters in Poland at Kattowitz, 5 kw., on 11.740 mcs.; Krakau, 5 kw., on 15.275 mcs.; Posen, 5 kw., on 9.570 mcs.; Lodsch, 5 kw. on 9.525 mcs. Thorn, 5 kw., on 6.140 mcs.; and Warschau, 5 kw., on 6.115 mcs.

An unusual country noted with a new commercial phone is the Bahrein Island in the Persian Gulf, the station VTS2, at Muscat, 100 watts, on 10.315 mcs., operated by Cable and Wireless, Ltd.

Coltano, Italy, is opening several new commercials on higher frequencies- IFE, 15.390 mcs.; IFF, 15.724; IFM, 18.275; and IFN, 18.665 mcs., all 25 kw.

Gia. Internacional de Radio Boliviana is operating the following fones:-

7.475 mcs., CPP9H; 7.480 mcs., CPP9G; 9.780 mcs., CPP7F; 9.790 mcs., CPP6E; 5.700 mcs., CPP10I; and 14.950 mcs., CPP4C. All stations are 1.5 kcs., and

located at El Alto, Bolivia.

HIGH FREQUENCIES (EST) By Earl R. Roberts

<u>Mcs.</u>	<u>Call</u>	<u>Location</u>
17.845	JLS2	Tokyo, Japan, is being well received on the 4:30-5:30 P.M. transmission to South America. Also transmits to N.A. from 8-9 P.M. (Roger Legge, N.Y.)
17.800	VLQ7	Sydney, Australia, heard testing and signing at 8 P.M. to return at 10. (IDA)
16.200	COK	Havana, transmits simultaneously on this and 11.57 mcs. from noon to 11:30 P.M. Logged R6 on this new frequency. (Charles Ramirez, Cuba; ERR)
11.830	VUM2	Madras, India, shifted from 11.87 mcs., comes on air at 9:30 P.M. in parallel with VUD4, 15.29 and VUD2, 9.59 mcs. (IDA)
11.720	HSP5	Bangkok, Thailand, reported relaying HSP6 from 9-10 A.M. (IDA)
10.953	CR6RB	Radio Club de Benguela, Caixa Postal No. 17, Benguela, Angola, verified in 3 months with attractive green card, red call, elephant pointing with trunk to location on map of Africa. Operates on 10.953 and 9.605 mcs. daily 2:30-4:00 P.M. and Sundays, 11 A.M.-noon. (Roger Legge)
10.460	----	New London station is being heard on this frequency. (R.B. Oxrieder, C.Z.)
9.680	EQC	Teheran, Iran, "Radio Teheran", began tests in December and officially opened April 24. Schedule- EPB, 15.100 mcs., 3-5:30 A.M.; EQC, 9.68, 8:45-11:45 A.M.; EQB, 6.155 mcs., noon-3 P.M. (Schedules from IDA, frequencies from Berne list should be exact.)
9.355	HC1ETC	Quito, Ecuador, on the air again. (Oxrieder, Canal Zone)
8.240	HP6J	Panama, may be a harmonic. (Oxrieder)
6.870	YNOW	"The Voice of Central America", Managua, is heard evenings. (Oxrieder)
6.185	OAX4?	"Radio Lima", last letter still undetermined as yet. (Oxrieder)
6.173	HI--	San Pedro de Macoris, D.R., seems to be new as other San Pedro stations are on correct frequencies. (Oxrieder)

The Towboat "Chicago Bridge" has been granted authority to operate as an experimental station on 2.118, 4.422, 6.425, and 9.135 mcs., 100 watts, to communicate with W9XTD for purpose of investigating the possibility of establishing a coastal harbor service on the Mississippi River and tributaries, and additional authority to operate on 2.738 mcs. for communication with other ships.

Coastal harbor phones at Ocean Gate, Delaware City, Madeira Beach (Tampa), and New Orleans (Port Sulphur) will employ new frequencies effective August 1st. WAQ Ocean Gate, N.J., 2.558 instead of 2.522 mcs., ships transmitting to WAQ will use 2.166 instead of 2.126 mcs. WEH, Delaware City, Del., 2.558 instead of 2.522 mcs., ships on 2.166 instead of 2.126 mcs. WFA, Madeira Beach, Fla., 2.550 from 2.598, ships on 2.158 from 2.206 mcs. WAK, Port Sulphur, La., 2.598 from 2.558 mcs., ships using 2.166 instead of 2.206 mcs.

HIGH FREQUENCIES (EST) By Earl R. Roberts

Mcs.	Call	Location
17.800	VLQ8	Sydney, Australia, heard R5-6 from 1-1:45 A.M. with program to Western North America. (Roger Legge, N.Y.)
15.820	----	Russian phone heard 8-9 A.M. might be RWJ, Alma Ata, listed here. (Kriebel)
15.660	RGX	Moscow, thought to be the Russian heard phoning and relaying Moscow programs mornings and afternoons. HIRL, 15.655 mcs., on CW interferes. (NK)
15.315	VLQ3	Sydney to transmit for North America evenings according to announcement heard over VLQ5. (L.M.Clark)
14.690	PSF	Rio de Janeiro, heard relaying regular PSH broadcast at 6-7 P.M. (Kriebel)
14.630	---	Unidentified Oriental station heard 5-10 A.M., not believed to be PLJ as programs are never from the NIROM. Can anyone identify? (Kriebel, Pa.)
11.890	KZRH	Manila, P.I., heard from 5:30-6 A.M., 9/2, with English program, wants reports. Identifies as "The Voice of Manila under the American Flag, the International Broadcasting Co." They promise to verify. (Jake Field, Cal.)
	WNBI	New York, changed frequency from 11.820 mcs. (FCC)
11.880	VLQ7	Sydney, transmits 2-2:30 P.M. to Palestine. (IDA)
11.870	VLQ2	Sydney, transmits 12:30-2 P.M. to Europe. (ADXC)
11.830	VUD4	Delhi, believed to be the Indian reported formerly as Madras. Comes on air at 6:30 A.M. with violin interval signal used by Delhi. News in English at 7:30. Also heard at 9:30 P.M. but much weaker. (Roger Legge)
	VLQ6	Sydney, 16 Kw., is a new station. (ADXC)
	VLW3	Perth, W.A., transmits 5:30 P.M.-5 A.M. weekdays, 6 A.M.-5 P.M. Saturdays. (Australian DX Club)
11.715	HSP5	Bangkok, Thailand, according to letter effective 7/22/40 HSP6, 7.968 mcs., replaced by HSP5 8-10 A.M. daily except Monday when 19.02 mcs. would be again used. (L. M. Clark, N.Y.)
11.480	COCY	Havana, now using this frequency for broadcasts relaying the RHC. (Roberts)
9.890	HH3W	Port-au-Prince, Haiti, heard signing at 3:10 P.M., 9/2. (Roberts)
9.855	----	Mystery station heard from noon-1 P.M. R6-8 signal, seems to be a near-Eastern or North African broadcaster. This is the same station reported last winter on 6.40-6.42 mcs. at 4-5 P.M. (Norman Kriebel)
9.705	----	Radio Martinique heard announcing at 7:58 and closing at 8 P.M. 9/4. (Roy Waite, N.Y.)
9.680	VLQ5	Sydney, to North America 7-8 A.M., and 10:30-11:30 A.M. (ADXC)
9.665	VLW4	Perth, 11 A.M. to Noon to South Africa. (ADXC)
9.615	VLQ	Sydney, 2-4 A.M. to Northern Europe, 8:15-8:45 A.M. to India and Far East. (ADXC) Has program in French around 6-6:30 A.M. (Roy Waite)
9.650	VLW2	Perth, 5:15-10:30 A.M. (ADXC)
8.100	KVZJ	Jarvis Island, is back on the air again. (Kriebel)
7.300	WZA	Albrook Field, Canal Zone, R9, at 8:50 P.M. (Kriebel)
6.870	YNOW	"La voz de America Central", Managua, Nicaragua, heard with fair signal 7-10 P.M. or later. CW QRM at times. (Legge)
6.575	YSP2	San Salvador, new station logged at 11:58 P.M. signoff. Announced YSP longwave, YSPA medium wave, and YSP2 (or YSPB) shortwave. Gongs used before announcements in Spanish. (Roberts)
5.985	TI7RVM	Las Juntas Abangares, Costa Rica, shifted from 6.035 mcs. (Legge)
5.910	KZYD	Del Rio, Texas, heard testing at 12:12 A.M. (Roberts)

STATION NOTES

WGEO, Schenectady, granted authority to add 15.330 mcs., and delete 21.590 mcs. sharing 6.190 and 15.330 with KGEI and WGEA, and 9.530 mcs. with KGEI.

Columbia Broadcasting System, Inc., granted construction permit for new international broadcasting station located at Brentwood, N.Y., 50 Kw. Frequencies- 6.060; 9.590, 11.830, 15.270, 17.830, and 21.520 mcs., sharing time on 6.060, 9.590, and 21.520 with WCAB; 11.830 and 17.830 with WCBX; and 15.270 with WCAB, WCBX, and WLWO. Columbia has application pending to move WCBX to Brentwood and increase power to 50 kw., the minimum power ruled by the FCC necessary for satisfactory international service on all stations. WCAB may transfer facilities to CBS and discontinue operation. WCAB and WCBX have had a working arrangement for simultaneous operation of programs to Europe and South America. It is intended to continue this plan by use of two sta-

HIGH FREQUENCIES (EST) - Continued from page 5.

tions at the Brentwood location.

KGEI and WGEA have been granted CP to increase power to the required 50 Kw.

WRCA, Bound Brook, N.J., granted permission to use 9.670 and 17.780 mcs. with 50 kw., sharing time on 17.780 with WPIT, unlimited time on 9.670 mcs.

WNBI, Bound Brook, N.J. granted permission to use 6.100 and 21.630 mcs., 50 Kw. unlimited time. WLWO, Cincinnati, special authority to operate a 1 kw. transmitter on 6.080 mcs. for identification only, sharing with WLWO. WGEA granted authority to add 6.190 and 21.590 mcs. to present assignment of 9.550, 15.330, and 21.500 mcs. WCBX, New York, granted authority to use 6.120, 6.170, 9.650, 11.830, 15.270, 17.830, and 21.570 mcs., 50 kw. power.

The Crosley Corp., Cincinnati, has been granted permit to build a new television station in that city operating on channel 1, 50.000-56.000 mcs., 1 kw.

Point-to-point telephone and telegraph are now required by the FCC to give their call letters at least twice each hour. When utilizing phone all secrecy devices shall be removed and the announcement shall be made in the following order: "This is station (call letters)." Transmissions shall be made within the period 10 minutes before and 10 minutes after the hour and half hour unless station is engaged in continuous public message, radiophoto, or Addressed Program material when call shall be given following the conclusion of program.

Ship telephone stations may now use 2.638 as well as 2.738 mcs. for intership communication. Messages shall not exceed 5 minutes duration after stations have established contact and neither frequency shall again be used for communication between the same two stations until 15 minutes have elapsed.

Radio-Levant, Republic of Lebanon, is to operate a broadcast station of 2 kw. on the following frequencies:- 6.090, 7.210, 8.037, 9.000, 9.700, 10.260 mcs. Taihoku, Taiwan, has 10 kw. stations on 15.280 mcs., JIE3, and 17.815 mcs., JIE4. COHI, Santa Clara, Cuba, is shown on 11.775 mcs. which may mean a change from 6.450 mcs. soon. OAX2A, Radio Rancho Grande, Trujillo, Peru, operated by R. Larco Hoyle, is licensed on 6.000 mcs., 250 watts.

KQH2, 14.807½ mcs., Kahuku, Hawaii, is a new commercial phone of 40 kw. power. The Dept. of Agriculture is operating a few stations as weather bureaus. These may be of interest to those tuning the medium short waves. Listed are:- KBEF, San Miguel Island Calif., 150 watts on 2.326 mcs.; WWLD, Cape Henry, Va., 60 watts on 2.326 mcs.; WWLE, Mount Washington, N.H., 200 watts on 3.385 and 5.925 mcs. Frequencies reserved by the same department for Forestry stations are 3.250, and 5.902 mcs.

Members wishing to log the US stations on some of their newly assigned frequencies may hear the following:- WLWO, 17.80, Sunday at noon; 15.27 mcs., Wednesday at 5 P.M. with "Afternoon Pollies." WCAB, 15.27 mcs., Sundays 2 P.M. with Columbia Symphony Orchestra. WCBX, 17.83, Saturday at 2 P.M. with U.S. Marine Band, Wednesday 9 A.M. "The World Listens", and Friday 2:15 with Merry Minstrel Men. WNBI, 17.78, Tuesday 12:30 P.M., Drama Time and Thursday 4:17 P.M. with dance music. Times listed are only for programs of outstanding interest.

OFFICIAL BERNE LISTING OF BROADCAST STATIONS

19 Meters -(Part I)

Mcs.	Call	Location	Kw.	Mcs.	Call	Location	Kw.
15.040	RKI	Moscow, USSR	25	15.235	JVW4	Japan	50
15.080	RKI	Moscow	25	15.240	CF7BD	Lourenco Marques, Moza.	.6
15.100	EPB	Tehran, Iran	7		XGSA	Shanghai (Planned)	20
	I2RO12	Rome, Italy	50		YUF-YUG	Belgrade, Yugoslavia	10
15.105	JLG4	Tokyo, Japan	50	15.243	TPA2	Paris	12
15.110	DJL	Zeesen, Germany	50	15.250	WRUL-WRUW	Scituate, Mass.	50
15.115	JLR2	Tokyo	50	15.255	---	Rio de Janeiro, Bra. (CP)	10
15.120	CSW4	Lisbon, Portugal	10	15.260	GSI	Daventry	50
	HVJ	Vatican City	25	15.265	EAQ	Aranjuez, Spain	10
	DXH2	Zeesen	50	15.270	RW96	Moscow	100
	SP19	Warschau, Germany	50		WCAB	Philadelphia, Pa.	50
	----	Athlone, Eire (In Const.)	--		WCBX	Wayne, N.J.	50
15.130	NAA	Arlington, Virginia (Const)	10		WLWO	Mason, Ohio	50
	TPB6	Paris, France	25	15.275	DXI2	Zeesen, Germany	50
	WRUL-WRUW	Scituate, Mass.	50		---	Krakow, Germany (Planned)	5
15.135	JLU3	Tokyo	50	15.280	DJQ	Zeesen	50
15.140	GSF	Daventry, England	50		JIE3	Taihoku, Taiwan (Const)	10
15.145	HNH	Baghdad, Iraq	5		ZL4	Wellington, N.Z. (Planned)	.5
	---	Rio de Janeiro, Brazil (CP)	20	15.285	CR7BG	Lourenco Marques, Mozam.	10
15.150	OAX4R	Lima, Peru	--	15.290	LRU	Buenos Aires, Argentina	7
	YDC	Bandoeng Dajeuhkolot, N.I.	3		VUD4	Delhi, India	10
	---	Cuba (Reserved)	--	15.295	---	Paris	50
15.155	SBT	Motala, Sweden	10	15.300	CP7	La Paz, Bolivia	1
	---	Sao Paulo, Brazil (Reserved)	20		CXA18	Montevideo, Uruguay (CP)	--
15.160	DHE5C	Podebrad, Bohemia, Germ.	30		HHK	Port-au-Prince, Haiti	25
	DXS	Zeesen	50		I2RO6	Rome	2
	JZK	Tokyo	50		KZRF-KZRM	Manila, Ph. Is.	1
	VUE3	Delhi, India (Experimental)	.3		LYZ4	Kaunas, Lithuania (Planned)	10
	KEWW	Mexico City	10		----	Netherland Indies (Reserved)	
	---	Suva, Fijis (Reserved)	.4	15.305	----	Schwarzenburg, Switz.	25
15.165	OZH	Skamlebak, Denmark	5	15.310	GSP	Daventry	50
15.170	LKV	Oslo, Norway	5-50		RW97	Novosibirsk, USSR	20
	OQ2AA	Leopoldville, Belgian Congo	.05		YDB	Soerabaja, Neth. Indies	1
	I2RO5	Rome	2	15.315	VLQ3	Sydney, NSW, Australia	16
	RW100	Tashkent, Turkestan, USSR	20	15.320	CSW4	Lisbon, Portugal	10
	TGWA	Guatemala City	10		DHE5B	Podebrad, Bohemia, Germ.	30
15.175	LLM	Oslo, Norway (Const.)	50		DXU	Zeesen	50
15.180	GSO	Daventry	50		OQ2AB	Leopoldville, Bel. Congo	.05
	RW96	Moscow	100		OZH2	Skamlebak, Denmark	5
15.190	I2RO10	Rome	50	15.325	JLP2	Tokyo	50
	OIE	Lahti, Finland	2	15.330	OZH3	Skamlebak, Denmark	5
	PRF5	Rio de Janeiro, Brazil	12		KGEI	San Francisco, Calif.	50
	VE9BA	Ottawa, Ont., Can. (Exp.)	.1		WGEA-0	So. Schnectady, N.Y.	50
	XGSB	Shanghai, China (Planned)	20	15.340	DJR	Zeesen	50
	XGOX	Chungking, China	--	15.350	TPC21	Paris	100
	ZBW4	Hong Kong	2.6		----	Rome (Reserved)	50
	---	Canada (Reserved)	50		----	Netherland Indies (Res.)	
					----	Luxembourg (Reserved)	
15.195	TAQ	Ankara, Turkey	20	15.360	DZG	Zeesen	40
15.200	DJB	Zeesen	50		RW98	Moscow	20
15.210	RW96	Moscow	100	15.370	HAS3	Budapest, Hungary	6
	WBOS	Boston, Mass.	10		----	Rio de Janeiro, Bra. (Plan)	10
	WPIT	Pittsburgh, Pa.	50	15.380	CXA16	Montevideo, Uruguay	--
15.220	PCJ2	Huizen, Netherlands	60	15.390	RW99	Irkoutsk, USSR	20
15.225	JLT3	Tokyo	50	15.405	----	Porte Alegre, Brazil (Plan)	10
15.230	DHE5A	Podebrad, Bohemia, Germany	30	15.410	RW96	Moscow	100
	DXT	Zeesen	50	15.430	RW97	Novosibirsk	20
	I2RO14	Rome	25	15.440	RW98	Moscow	20
	VLR4	Lyndhurst, Vict., Australia	2				

HIGH FREQUENCIES (EST) - By Earl R. Roberts

Mcs.	Call	Location
17.800	VLQ8	Sydney, Australia, transmits to North America from 12:55-1:45 A.M. (Callan)
15.315	VLQ3	Sydney, to North America 6:10-7 P.M. with news at 6:15. (Callan)
15.240	---	Paris Mondial heard at 12:30 P.M., 9/21, opening program with the ticking of a metronome. Signal only R3-6. (Roberts)
11.880	VLQ7	Sydney, to Northern Europe 2:30-4 P.M.
11.870	VLQ2	Sydney, to Southern Europe 12:55-1:55 P.M.
9.700	----	Radio Martinique verified in 3 months with beautiful 5 color card. (Varga)
9.630	VLQ5	Sydney, to North America 7:25-8 A.M.; 10:25-11 A.M.; to South-East Asia 8:10-9:45 A.M. (Callan)
9.655	VLW4	Perth, W.A., to South Africa 11:55 A.M.-12:30 P.M.
9.615	VLQ	Sydney, to Oceania 5:55-6:10 A.M.; to North & East Asia 6:40-7:15 A.M.
6.575	YSPB	San Salvador, last letter identified as B instead of 2. (Roberts)
5.975	OAX4P	La Voz de Huancayo, Huancayo, Peru, logged R7, 9/12, at 8:57 P.M. (Roberts)
5.835	TIKGP3	San Jose, C.R., comes on air after TIGPH signs at 10 P.M. At 10:27 a cow moos and they give a plug for Tonic Salts. (Jake Field, Calif.)
4.520	CZ4E	Garden Lake, Ont., CZ4L, MacDiarmid, Ont., and VE9EA, Franz (?), Ont., heard in QSO 9/11 at 8:30-9 P.M. CZ4E mentioned he was using 200 watts; CZ4L had 350 and CZ4J, Port Arthur, not heard, also had 350 watts. These are forestry stations and they give weather reports daily at 8 A.M. and 1 P.M. but it is not know if EST or CST. (Roberts, Ind.)
3.410	----	Quite a number of Lighthouse and Lightship stations have been heard lately:- Lighthouse Tenders Narcissus, Speedwell, Linden, Violet, Mistletoe, Orchid, Wysteria, Hibiscus, Ilex, Shrub, Arbutus, Lilac; Lightships and Lighthouses Smith Point, Va.; Relief LS #54, Va.; Frying Pan Shoals, N.C.; Boston LS; Pollock Rip LS, Mass.; Nantucket Shoals LS, Mass.; Relief LS #85, Mass.; Relief LS #78, Va.; Chesapeake LS, Va.; Diamond Shoals LS, Va.; Rock of Ages, Mich.; Stratford Shoals LH, Conn.; Wolf Trap LH, Va.; Sandy Pt. LH, Md.; 14-foot Bank Lt. Station, Dela.; Handkerchief LS, Mass.; So. Portland LH Ship Depot, Me.; Eastern Pt. LH, Mass.; Nobska Pt. LH, Mass.; Brandywine Shoals LH, Dela.; Little Creek, Va.; and Winthrop Radio, Mass. (Desmond Callan, Mass.; Roberts, Ind.)
2.638	CGC14	Coast Guard Cutter heard phoning Grand Isle at 9:09 P.M. (Roberts)
2.604	WZAU	Napoleon, Mo., phoning WZAS, Gasconade, at 8:30 P.M., Army Stations. (ERR)
2.350	WZBC	U.S. Army station, Cincinnati, 250 watts, R9 plus at 8:35 P.M. in QSO with WZAF, Chesapeake City. Said station was in downtown district in the pent house of a 14 story building and interference was terrible. Mentioned several other stations as WZBA, Cape Cod Canal, Mass., 15 watts; WZBN, Nashville, Tenn.; WZBH, Huntington, W. Va. A total of 24 stations will soon be operating on 2.350 mcs., and using 5.437 mcs. day. (Roberts)

Who can help identify the Spanish speaking stations, possibly Venezuelan, on the medium short wave bands? A YV1 was heard on 3.350, and others heard on 3.370; 3.390 very loud one here; 3.380; 3.400; 3.430; 3.450; 3.490; and 3.510 mcs.

HIGH FREQUENCIES (EST) - By Earl R. Roberts

<u>Mcs.</u>	<u>Call</u>	<u>Location</u>
15.315	VLQ3	Sydney, Australia, heard with weak to fair signals 6:10-7 P.M. with broadcast to North America. (Roger Legge, N.Y.)
15.160	CP43	"Radio Cotagaita", believed to be in Coatagaita or Tupiza, Bolivia, heard frequently evenings to 9 P.M., logged once from 6-9:37 P.M. (Waite, Legge)
	JZK	Tokyo, Japan, October schedule:- 10-11 A.M. for Southwestern Asia; 4:30-5:30 P.M. to South America; 8-9 P.M. to Eastern No. America; 2-3 A.M. to Hawaii. (Tokyo)
14.940	HJR	Barranquilla, Colombia, heard at 7:55 A.M. contacting WNC, 15.055. (Legge)
14.720	RWC	Moscow, heard broadcasting 6-7 and 7:30-8 A.M. with strong signals. (Legge)
		Heard from 7:30-8 A.M. by LeRoy Waite, N.Y. also.
12.050	FFZ	Shanghai, China, heard around 6 A.M. with weak signal believed to be this station. (Legge) Logged at 7 A.M. with English announcement following a series of chimes. Mentioned a medium wave frequency also. (Roberts, Ind.)
11.800	JZJ	Tokyo, schedule:- 2-4 P.M. to Europe; 4:30-5:30 P.M. to So. America; 12-1:30 A.M. to Pacific Coast N.A.; 7-9:30 A.M. to China and South Seas.
11.720	----	Unidentified Asiatic heard regularly to sign-off at 8 A.M. (Legge)
10.140	OPM	"Radio Congo Belge", Leopoldville, Belgian Congo, with program in French from 2-2:30 P.M. 4 note interval signal precedes program. (LeRoy Waite)
9.535	JZI	Tokyo- 2-4 P.M. to Europe; and 7-9:30 A.M. to China and South Seas.
9.260	HC2AK	Guayaquil, Ecuador, NEW station heard 7-10 P.M. First heard on 9.30 mcs. moving about 5 kc. lower in frequency each night since then. Relays HC2AJ. (Roger Legge)
7.935	PSL	Rio de Janeiro, logged 6-7 P.M. in parallel with PSF and PSH. Often QRM'd by 75 meter amateur harmonics. (Legge)
6.660	----	Following Great Lakes steamships heard in contact with WMI, Lorain, O., on 6.470 mcs.:-- WFMT, SS Harry L. Findley; WEYG, J. Pierpont Morgan; KDWB, Thunder Bay Quarries; WFWY, Simon J. Murphy; WOUM, A. W. Osborne; WMIO, W. H. McGean; WCVB, William D. Crawford; WDQC, Cetus; WDPY, Harry R. Jones; WPJI, Andrew S. Upson; WOTD, Hennepin; KMEO, Cletus Schnieder. (Leboeuf)
6.540	----	Ships on the St. Lawrence River heard on third harmonic of 2.182 mcs.:-- CYBJ, S.S. Canadian; VGLC, Rapids Prince; and CYKG, Saskatoon. The Canadian was fogbound in Lac St. Pierre in the St. Lawrence River. (Leboeuf)
6.380	HI9B	Santiago de los Caballeros, D.R., shifted from 6.395 mcs. and now heard below TGQA. (Roberts)
6.170	----	"Radio Suisse", Switzerland, believed to be the station R7 signing at 4:25 P.M. (Charles Leboeuf, Mass.)
6.100	HJFK	"La Voz de Pereira", Pereira, Colombia, heard here 10/4 at 10:19 P.M. The call was heard twice and is believed to be correct although one cant always tell about these rapid-fire Spanish announcers. HJFK was formerly on 4.865 mcs. (Roberts)
5.643	WARZ	Millinocket, Maine, is used on the Trans-Canada Airlines chain. (Leboeuf)
4.940	HJCW	Emisora Sur-America, Carrera 8A No. 11-57, Bogota, Colo., verified on white card with red call.
3.410	NNGU	Relief Lightship #85 contacting Winthrop Radio; NNBC, Boston LS; NNED, Brenton Reef LS; NNBH, Cross Rip LS; NNBH, Nantucket LS; NNBO, Handkerchief LS; NNBH, Hen & Chickens LS; NNBS, Pollock Rip LS; NNBT, Portland LS; NNBX, Stonehorse Shoal LS; NNBH, Vineyard Sound LS; NNGH, Relief LS #49; NNGY, Relief LS #106 (now located in East instead of Oregon); NRWA, Hibiscus LHT; NRWB, Ilex LHT; NRWC, Anemone LHT; NRWF, Shrub LHT; NNBY-2, Vineyard Sound LS #73, off station. These were heard at 7:50 P.M. when NMF, Winthrop Radio, called all Lightships and Tenders. (Leboeuf, Callan)
3.385	NEL	Lakehurst, N.J., contacting the US Navy Blimps K-2 and TC-13. (Leboeuf)
3.350	YV1RS	Trujillo, Venezuela, logged at 10 P.M. in Spanish, R9, at sign-off. (ERR)
2.830	WGBH	Syracuse, N.Y., broadcast relay station heard. (Leboeuf)
2.758	WJEP	Rochester, N.Y., broadcast relay station logged. (Leboeuf)
2.738	----	Following steamships logged on this frequency:- WFOS, Jenny & Julius-Trawler; WEQY, Sachem-Tug; WEVR, Rose Marie-Trawler; WFPN, Ranger-Trawler; WFNO, Robert L.-Trawler; WTCQ, Mary Chilton-Trawler; WOJA, Sport II-Yacht;

HIGH FREQUENCIES (EST) - Continued from page 5.

Mcs.	Call	Location
		WJTT, Janis-Yacht; WEYB, Porpoise, Yachy; KAEN, Huckleberry Finn-Yacht; WNLE, Triton-Trawler. (Leboeuf, Mass.) WTCF, the Helen; WNOQ, Cavalier; WNKC, Quaker; WCIS, Propeller; and WNXN, Turecano Girls, logged. (Roberts)
2.726	WSIB	Washington, D.C., special emergency station received. (Leboeuf)
2.698	----	Following Coast Guard surf stations logged (these 50 watts stations use no call letters and are identified only by names): Provincetown, Mass.; Sandwich, Mass.; Port Clyde, Maine; Hull, Mass.; Lubec, Me.; Grays Reef, Mich.; Cranberry Island, Me.; W. Jonesport, Me.; Boothbay Harbor, Me.; Cape Elizabeth (S. Portland), Me.; Isles of Shoals, N.H.; Gloucester, Mass.; Chatham, Mass.; Monomoy Point, Mass.; Nantucket, Mass.; Gay Head, Mass.; Cuttyhunk, Mass.; Point Judith, R.I. (Desmond Callan, Mass.; Charles Leboeuf, Mass.)
2.670	NOY	Galveston, Texas, contacting Grand Isles, La., and Port Andrus, Texas. U.S. Coast Guard station at Elizabeth City, N.C., heard. Grand Isle station heard working the cutter CGC4, both logged. (Leboeuf, Roberts)
2.662	NNDQ	Charleston, S.C., with marine weather broadcast at 11:30 P.M. NMF gives storm warnings (when one is approaching) on odd hour, 1, 3, 5, etc. (Callan, ER)
2.604	WZAS	Gasconade, Mo., U.S. Army station heard working WZAU, Napoleon, 8:30. (Leb., ER)
2.550	----	Canadian airport station identified only as "Red Rose" is heard almost continually some evenings calling various planes by number. (Roberts)
2.182	WHC	Mackinac, Mich.; VGDR, SS Chicago Tribune; KDJJ, Norman J. Kopmeier; WTLK, Eugene J. Buffington; CYBJ, City of Montreal; VGRP, Hagarty; WKDI, Yacht Buchaneer; WCRM, S.S. John Dunn; WOFY, Harry Wm. Hosford. (Leboeuf)
2.158	KFCJ	S.S. J.F. Schollkopf, Jr.; and WTRA, Wm. H. Wolf, contacting WAD. (Leboeuf)

The new BBC overseas service to North America started September 29th with continuous broadcasting from 5:42-11:35 P.M. Daily fixed time programs include:- News Commentaries at 8:45 P.M.; Within the Fortress at 10; Radio Newsreel with the "war in sound" at 10:30 P.M. News given at 5:45, 8:00, 8:45; and 11:50 P.M. Stations used are GSD, 11.75; GSC, 9.58; and GSL, 6.11 mcs.

The Berlin broadcast to North America is:- DJL, 15.11, 6-9 A.M.; DJB, 15.2, 11:15 A.M.-11:30; 2:15-2:30 P.M.; 3:30-4; and 4:15-4:30 P.M. DJZ, 11.80, 4:50-7 P.M.; 4:50-11 P.M. on 15.24 mcs., no call given but note this is the frequency of Paris Mondial; DJD, 11.77, 7:15-11 P.M.; and DXB, 0.61, 4:50 P.M.-1 A.M. News in English is given at 6:30, 8:15, 11:15 A.M., 2:15, 3:30, 4:15, 6:00, 8:15, 10:30 P.M. and midnight. Lord Haw-Haw may be heard at 8:30 P.M. Tuesday, Friday, and Sunday.

HIGH FREQUENCIES (EST) - Earl R. Roberts

Mcs.	Call	Location
12.050	FFZ	Address is:- Station Radiophonique de l'Alliance Francaise, 193. Avenue Joffre, Shanghai, China. (IDA)
11.720	HSP5	Bangkok, Thailand, heard at 7:45 A.M., 10/10, with native music to 8, then series of chimes and gong striking 8 P.M. local time, girl announced as "Radio Bangkok calling, HSP5: Thailand Broadcasting Corporation on 25.6 meters, 11720 kilocycles." Followed a talk. Signal only R4. (Roberts, Ind.)
11.148	CTV2	Monsanto, Portugal, received at 5:20 P.M. calling Rio de Janeiro. (Legge)
10.543	DZD	Zeesen, Germany, 10/9, 7:15-7:25 P.M. testing and sending program material to NBC. Continued with regular program. (Roy Waite, N.Y.; Roberts)
9.380	----	"Radio Dakar", Dakar, Senegal, French West Africa, announces "Allo, allo, ici Radio Dakar," in French. Heard 6-7 P.M., Saturday, 10/5. (Waite)
9.345	HBL	Geneva, Switzerland, 6:30-7 P.M., testing with New York and relaying program material from Roumania to CBS. (Waite)
9.147	YVR	Santa Rita, Venezuela, R7-8 at 5:30 P.M. signing with Madrid. (R. Legge)
8.930	WEC	Rocky Point, N.Y., contacting EAQ, 10/12, 7:20 P.M. for program material. Frequency of EAQ as checked at Riverhead was 9.859 mcs. (Roberts)
8.585	WMI	Lorain, Ohio, with marine weather information at 10 P.M. and 11 A.M. (ERR)
7.420	XBVF	Tampico, Mexico, received several nights around 9-10 P.M. phoning XBKR, Mexico City; XBKP, Laredo; XBVB, and XBVV. Signal R9, plus. (Roberts)
6.995	CUM	San Miguel, Azores Islands, contacted Lisbon at 7:10 P.M. and switched to inverted modulation. (Roger Legge) Station with odd vari-toned signal repeated over and over at 6:40 P.M. followed by man speaking, then to inverted modulation believed to have been CUM. (Roberts)
6.977	XBC	Veracruz, 100 watts, received at 8 P.M. R8. (Roberts)
6.425	W10XLG	Experimental aboard some ship, heard contacting Lake Bluff at 9:07 P.M. (ER)
6.145	----	New "BBC Home Service" station received R9 plus at 2:30 A.M. carrying same program as GSA, 6.050 mcs. (Roberts)
4.610	----	New Cuban station now heard nightly to 1 A.M. relaying CMQ. No call as yet has been heard. Signal strong R9. (Roberts)
2.738	----	Ships logged:- WTCG Sipsey; WERG unidentified; KJSQ Pilot Boat New York; KLNT E.W. Scripps giving position as 87 miles WNW Cape San Lucas, some 630 miles out from San Diego, Calif.; WCNZ, Anna S. Cooper at Havana Lake Light; WTBW, the Donie; WTCF, the Helen; WFQL unidentified; WCHO, Higman #1; WCYE, Captain Alphin; WDGO, Monrola; KLEY; WGBN; WTQZ, Coyle. (Roberts)
2.726	WSIB	Special Emergency at Washington, D.C., tests to cars at 1 A.M. (ER)
2.638	WCOQ	Cristobal, first ship heard on this newly opened ship-to-ship frequency working the Duchess and the Huckleberry Finn at 10:20 P.M. (ER)
2.350	WYBW	U.S. Army ship, E.R. Stuart, and WYEC, Chester Harding, working at 12:25 AM.

The Nazi controlled Paris Mondial on 15.24 mcs. is listed in program sheets and also announced over the air as "Station Y." Why the odd call we do not yet know.

Effective November 1, 1940, amateur stations will relinquish the frequencies between 1.715 and 1.750 mcs. to the police service. They will accept the frequencies 2.000-2.050 mcs. in their place. Likewise, the police relinquish the zone police frequencies 2.036, 2.040, and 2.044 mcs., and will receive in return 7.480, 7.805, 7.935 and three channels in the band 1.715-1.750 mcs. Thus the police will get 3 long-distance daytime channels for telegraph. In addition the "day only" restriction is being removed from 5.135, 5.140, and 5.195 mcs. which will permit three long-distance night channels. In a few cases where deemed necessary, voice may be used in place of CW. Today the U.S. has more than 1000 police radio systems operating about 6300 mobile units.

HIGH FREQUENCIES (EST) - Earl R. Roberts

<u>Mcs.</u>	<u>Call</u>	<u>Location</u>
15.120	----	Bratislava, Slovakia, NEW country to try for, heard 10/14 from 6-7 P.M. Signal R7-9 and they asked for reports promising to reply. (Jimmy Hart, NJ)
14.935	PSE	Marapicu, Brazil, logged at 5:14 P.M., 10/12, contacting WKK. (Leroy Waite)
13.165	XDAO	Chapultepec, Mexico, phoning XDAL at 8:15 P.M., 10/15. R9 signal (Roberts)
11.470	COCY	Havana, Cuba, relays CMCOY on this frequency although listed in Radio Guia to operate on 11.500 mcs. On the RHC chain. (Oxrieder, Canal Zone; R. Guia)
10.220	PSH	Marapicu, Brazil, on the NNRC broadcast of October 8, received very poor in California due to CW and noise on the band. Lady announcer gave the club very fine publicity while talent and program were excellent. (Field)
9.883	HH3W	Port-au-Prince, Haiti, is now heard on this frequency. (Oxrieder)
9.680	EQC	Teheran, Iran, received well in Australia at 9 A.M. EST. (ADXC)
9.410	FGA7	Dakar, Senegal, listed in Berne on this frequency is probably the station reported last week by Roy Waite. May be operating somewhat lower in frequency. Although tuning in again every night at that time, 6-7 P.M., Roy has not heard the station again. However, Norman Kriebel reports the same station on about 9.400 mcs. as PGA. Logged at 3:30 P.M. signing off after broadcast in French. Also heard 4-4:25 P.M. calling and contacting Cotonou, French West Africa. Signal very strong. (Waite; Kriebel, Pa.) FGF4 at Cotonou is listed on 9.375 mcs. (ER)
9.330	HC2AK	Guayaquil, Ecuador, relays HC2AJ. Was on 9.31 one day, 9.33 the next. (RBO)
8.415	CMII	Relays CMHJ, Cienfuegos, heard irregularly. (R.E. Oxrieder)
6.660	----	Ships logged on this spot:- KFNH, Negaunee; KDUH, Dow Chemical; WOLQ, Robert L. Ireland; KLAG, T.J. Hooper, tug; KGBP, David P. Thompson; KFXG, Wm. A. Reiss; KFLI, Ishpeming; WDFU, James H. Reed; KDXQ, A.A. Augustus; WOJF, J.E. Upson; KDXV, J.J. Sullivan; WOQA, Captain Thomas Wilson; WOKI, Alexander McDougall; WOQB, S.H. Robbins; WFXD, James Watt; KLGD. (Leboeuf)
6.645	----	U.S. Army stations called Selfridge Tower, Mich., and Alpena Tower, Mich. heard in contact with each other. Both stations received. (Leboeuf, Mass.)
6.615	KHPOL	NC-16A Goodyear Blimp Enterprise working the Washington airport, WREO. (Leb.)
6.350	----	R.C.A.F. Red Rose Ground Station supposed to be located in Hamilton, Ont. leaves carrier on during the day. (Leboeuf)
6.310	----	Royal Canadian Airforce Planes heard:- #6007, 6033, 6035, 6044, 6038, 6055, 6054, and 7055. Planes identified by number only. (Leboeuf)
6.210	----	Army plane 7471 heard calling Bolling Field at Washington, D.C. (Leboeuf)
6.115	HI6H	Ciudad Trujillo, D.R., broadcasts until 8:40 P.M. Saturdays. (Roberts)
6.090	HJCF	La Voz de Bogota, Bogota, Colo., believed to be the station heard signing at 11:01 P.M., 10/15. Further checking desired on this. (Roberts, Ind.)
5.985	TI7RVM	La Junta Abangares, C.R., now received on this spot. (Oxrieder)
5.975	HCQR	NEW Quito, Ecuador, station with slogan "Radio Quito" but call is not certain as yet. (Oxrieder, Canal Zone)
5.900	TILS	"Radio Para Ti", San Jose, changed from 6.165 to escape QRM. (Oxrieder)
5.888	KHASF	Plane NC16055 Lockheed Electra of Boston-Maine Airways logged. (Leboeuf)
5.698	KHDEK	Plane NC-21788 Douglas DC-3 of Pennsylvania Central Airlines heard. (Leb.)
5.653	KHAXL	NC-17337 Douglas DC-3 of American Air Lines received. (Leboeuf)
4.617	KYZA	El Paso, Texas, border patrol station in QSO with KYZL, Laredo, Texas, and KYZF, Alpine. at 8:30 P.M. (Jake Field, Calif.)
4.580	COJ3	Nuevitas Distrito Naval, Cuba, may possibly be the station heard relaying programs of CMQ nightly as this station is listed by Berne on this spot. Announcements only give stations CMQ, COOQ, and CMHQ. (Roberts)
4.512	ZFS2	Nassau, Bahamas, contacted stations whose calls sounded like VRG and ZFKT but not certain as distortion was bad. Time 9:06 P.M. to 9:25. (Roberts)
3.410	NNDZ	Eastern Point LH, Mass. (Leboeuf) Items from the "Notice to Mariners" publication:- NNBS, Pollock Rip LS, East Entrance Nantucket Sound, Mass. has been replaced by a Relief ship #106 since October 4. A Relief ship seems to take the call of the ship it replaces. NNBO, Handkerchief LS, Nantucket Sound Entrance, Mass., has probably returned to station now after repairs. NNBF, Chesapeake LS, Va., temporarily replaced by Relief September 27. NNBY, Relief #85 has replaced Vineyard Sound LS, Mass. (Desmond Callan) Cleveland Radio Light Station, Ohio, calls the roll of stations in its

- Page 6 -
HIGH FREQUENCIES (EST) - Continued from page 5.

<u>Mcs.</u>	<u>Call</u>	<u>Location</u>
		district at 8:00 P.M.-NNEQ, Manhattan Ranges, Ohio; NNEU, Maumee Bay Ranges, Ohio; NNGA, Toledo Harbor; NRXU, LHT Crocus on Lake Erie, and others. (ER)
3.402	NNDB	Ashland Breakwater, Wisc., calls the roll of stations at 8:05 P.M.- NNFA, Old Mackinac Point, Mich.; Devil's Island, Mich.; NNFH, Portage Lake Ship Canal, Mich.; NNFK, Rock of Ages Lighthouse, Mich.; NRYA, LHT Amaranth on Lake Superior, etc. Little Creek, Va., heard working Baltimore Station; Diamond Shoals LS, N.C., NNBK; LHT Linden, NRWT. (Roberts)
3.340	YV1RL	"Radio Trujillo", Trujillo, Venezuela, identified on this announced frequency. (Desmond Callan, Mass.)
2.738	WDUS	St. George, trawler; WFXL, Alvan T. Fuller, trawler; WPKD, Lucky Star, yacht; KFZE, Pilot Boat Virginia; KGLU, Montrose, tug; KJQC, President Warfield, tug; KLRY, Wanderer; KJSI, Nassau, tug; KJYD, The Spot, tug; KLGB, Lillian Ann, tug; KLIB, Solarina, tug; WCOQ, Cristobal, a Liner, heard while skirting the coast of Haiti; WDHK, Bridgeport, tug; WJTT, Janis, yacht; WNZQ, Stardust, tug, in Daytona Beach, Fla.; KJSQ, Pilot Boat New York; WNXN, Terry Campbell Girls, tug; WOHN, Terry Campbell Boys, tug; WDLU, Pioneer; WTJO, Steamer Panama, in Caribbean; WTWY, Steamer, Ancon out of Port-au-Prince; WCNK, Haralou, in St. Augustine, Fla.; WTXS, Cradle of the Deep, in drydock at Portsmouth, Ohio. (Leboeuf, Callan, Roberts)
2.670	NROC	CG-171 Coast Guard Cutter to NMY. USCG at Cape May Point, N.J.; NOY, Galveston, Texas, heard at 11:55 P.M. (Leboeuf, Callan)
2.662	NNDQ	Charleston, S.C., US Coast Guard station with weather at 11:35 P.M. (Callan)
2.638	WCOQ	Liner Cristobal changed to this frequency to work the Dandy. (Callan)
2.598	WAK	New Orleans Marine Operator contacts ships on 2.206 mcs. (Leboeuf)
2.566	WER	Charleston, S.C., marine operator contacts ships on 2.174 mcs. (Leboeuf)

Station Y is now operating on 9.520 mcs. during evening broadcasts with DJD from 4:50-P.M. to 1:00 A.M.

****SCOOP OF THE WEEK****

Roger Legge reports the YV's have changed frequency with exception of a few on the 85 meter band. The ones located so far are as follows:-

<u>Mcs.</u>	<u>Call</u>	<u>Slogan and Location</u>	<u>Sign off</u>
4.920	YV5RN	"Radio Caracas", Caracas	10:30 P.M.
4.890	YV5RM	"Radiodifusora Venezuela," Caracas	
4.860	YV5RU	"Estudios Universo," Caracas	
4.840	YV1RZ	"Radio Valera," Valera	
4.830	YV2RN	"La Voz del Tachira," San Cristobal	
4.810	YV1RL	"Radio Popular," Maracaibo	
4.790	YV6RU	"Ecos del Orinoco," Ciudad Bolivar	
4.780	YV3RN	"Radio Barquisimeto," Barquisimeto	
4.770	YV1RY	"Radio Coro," Coro	
4.760	YV4RO	"La Voz de Carabobo," Valencia	
4.750	YV1RV	"Ecos del Zulia," Maracaibo	
3.500	YV5RV	"Emisora Vargas," La Guaira	9:30 P.M.
3.490	YV3RF	"La Voz de Llano," Acarigua	10:30 P.M.
3.480	YV4RQ	"Radio Puerto Cabello," Puerto Cabello	9:00 P.M.
3.450	YV6RZ	"La Voz de Anzoategui," Barcelona	9:00 P.M.
3.400	YV5RW	"Radio Tropical," Caracas	10:30 P.M.
3.390	YV3RX	"Radio America," Barquisimeto	10:00 P.M.
3.380	YV5RY	"Radio Continente," Caracas	10:30 P.M.
3.360	YV1RT	"La Voz de la Fe," Maracaibo	10:30 P.M.
3.340	YV1RO	"Radio Trujillo," Trujillo	10:00 P.M.

Those not yet located are:- YV1RJ, YV1RU, YV1RX, YV4RP, YV4RX, YV5RO, YV5RS, and YV6RT. Thanks a million, Roger, for this very excellent list of changes. Those are the ones we have been after for weeks but local QRM spoils reception on that band somewhat.

Another page or so of additions to the Commercial Phone list since we started its publication last February will be ready in another week or so. Checking through this large Berne volume for new stations is even worse than getting out the phone list. Here's hoping it is worth the trouble. Dont forget those weekly reports to 2308 Roosevelt Avenue, Indianapolis, no later than Friday for publication the next week.30.

HIGH FREQUENCIES (EST) - Earl R. Roberts

<u>Mcs.</u>	<u>Call</u>	<u>Location</u>
10.050	SUV	Abou Zaabal, Egypt, and SUX, 7.86, heard 7:20-7:50 P.M. working London and New York, relayed a talk to NBC. (Norman Kriebel, Pa.)
6.660	WDIU	S.S. W.W. Holloway in contact with WMI, 6.470 mcs. (Charles Leboeuf, Mass.)
6.615	KHCPL	NC-9A Goodyear Blimp "Rainbow" in contact with WMEP, Wingfoot Lake Airship Dock, near Akron, Ohio, both stations heard. (Leboeuf)
6.250	----	North Island Tower Control heard piloting in a Navy plane with crippled landing gear. (Jake Field, Calif.)
5.888	KHAEX	NC-14937 Lockheed Electra of the Boston Maine Airways logged. (Leboeuf)
5.698	KHEDG	NC-25694 Douglas DC3 and KHEDH, NC-25692, Douglas DC-3, received. (Leboeuf)
5.653	KHAXG	NC-17332 and KHDJG, NC-25658, both Douglas DC-3, received. (Leboeuf.)
5.480	WCCA	"La Guardia Field", New York, and WBUR, Burlington, Vt., of the Canadian Colonial Airway received. (Leboeuf)
5.437	WZBC	U.S. Army station, Cincinnati, Ohio, heard contacting amateur WLIKL, Boston, Mass. (Leboeuf)
3.410	NNBQ	Overfalls Lightship, Delaware. (Leboeuf) Chesapeake LS, Va., NNBF, and Winter Quarter Shoal LS, Va., NNBZ, in contact at 9:01 P.M. NRWM, the Lilac LHT, Delaware, phoned Philadelphia Radio at 8:48 P.M. Forney Creek in contact with Stoney Creek and Hazel Creek logged at 8:50 P.M. making schedules for 7:30 A.M. Believed to be forestry stations in Smokey Mountains, N.C.-Tenn. (Roberts, Indiana)
3.105	KHEFM	NC-21177; V-151 Lockheed Landplane R30-1, a USCG plane; and Navy Plane #1902 logged. (Leboeuf)
2.738	----	Ships logged:- WFXW, Tug H.W. Long; WFQU, Tug Doris B; WCWB, Tug Wilbert A. Edward; WOBD, Tug Octo (Leboeuf) WDMG, Pilot Boat Delaware; WNOQ, Liner Cavileer; WSIB, Washington, D.C. (this is a special emergency station and should have been listed under 2.726 mcs.) WTWY, Liner Ancon; VCFG, Fair- endown on Lake Ontario; KJTK, Tug Nottingham Point; KJPY, Tug Locust Pt.; WOOD, Tug Fortney; WDNO, N.J. State Patrol Boat; WDSV, Tug St. Peter; WEOX, Tug Belle Harbor; WTJO, Liner Panama; KJJK, Tug Eureka; KLCO, Tug Well- fleet; WPBB, Tug Jefferson; and KLEB, Tug Jack-pot. (Roy Weite, N.Y.)
2.698	----	Winthrop Radio heard working surf station "Sandwich", no call or exact location mentioned. One of the stations mentioned the call NNDG but we could not tell which. Any help? (Roberts)
2.670	NNBL	Five Fathom LS, N.J., and NNBB, Barnegat LS, N.J., logged. (Leboeuf)
2.638	WONK	Yacht Harolou; WCOQ, Liner Cristobal; and WTWI, Yacht We Two. (Leboeuf)
2.566	WER	Charleston, S.C., coastal harbor station received. (Leboeuf)
2.182	VGMT	S.S. Collier and WNWK, S.S. Arcturus, logged here. (Leboeuf)
2.174	----	S.S. John Bob in contact with WER, Charleston Radio. (Leboeuf)

HIGH FREQUENCIES (EST) - Earl R. Roberts

<u>Mcs.</u>	<u>Call</u>	<u>Location</u>
15.105	JLG4	Tokyo, Japan, now used for North America 8-9 P.M. Another station was announced on the 25 meter band which may have been JZJ or JVZ, 11.815. (ERR)
11.970	FZI	"Radio Brazzaville", Brazzaville, French Equatorial Africa, now on the air and first reported via airmail by JAKE FIELD, San Diego, Calif. Heard for the first time at 1:00 A.M., October 27 speaking in French but played the British anthem "God Save the King," two or three times. Announced in English once and is evidently pro-British. Heard by DESMOND CALLAN in the afternoons from about 3-4 P.M. with R8 signal. A card to NORMAN KRIEDEL to check the station brought a quick reply with this information:- The schedule was given as twice daily at 1 A.M. EST (7 A.M. their local time) and at 5 P.M. EST (11 P.M. local). Broadcasts are evidently for 1/2 hour although they did not specify. Quite a lot of music is played. Address given was Radio Brazzaville, Bureau d'Information General, Brazzaville, French Equatorial Africa. Airmail is suggested as the best possibility for verification. Heard by the writer 10/30, R9, with announcement repeated many times "Ici Radio Brazzaville." (Another scoop for N.N.R.C.) Call was not mentioned but is listed as such in Berne List, power given as 5 Kw.
11.920	XGRF	Shanghai, China, "The Voice of the Far East" using 4 tone chime, heard near 5 A.M. (Quixote Radio Club)
11.710	WLWO	Cincinnati, Ohio, heard on their new frequency November 2 at 2 P.M. (ERR)
9.410	FGA	Radio Dakar, Dakar, French West Africa, (pro-Vichy) heard signing on at about 3:25 and off at 4:19 P.M. (Jimmy Hart, N.J.) Finally logged by the writer 11/2 at 4:16 signing at 4:48 with "La Marseillaise." (Roberts)
7.250	----	Singapore, Straits Settlements, heard in parallel with ZHP from 4:40 A.M. (Q.R.C.)
7.250	VLQ9	Sydney, on from 5:55-6:30 A.M. EST (Q.R.C.)
6.660	WHC	Mackinac Island, Mich.; WOY, Cleveland, Ohio; WDDP, E.G.M. thiott; KPEG, Diamond Alkali, all heard. (Charles Leboeuf, Mass.)
6.120	FKSAA	Noumea, New Caledonia, now on nightly 2:30-3:30 A.M. (Q.R.C.)
5.970	VONH	St. Johns, Nfld., signed at 9 P.M. Saturday 11/2 to return on 9.475 as VONG at 11:30 A.M. EST. (Roberts)
3.415	WSEG	Bryson City, N.C., calls the roll of stations in its district. Those identified and heard were Shuckstack, N.C., (WSEQ), and Twenty Mile Creek, N.C., (WSEV); Hazel Creek, N.C. (WSEV-1) Calls not yet certain as they are not given and were found in a 2 year old Forest Service list. WSEG heard at 7:45 and 8:45 P.M. signing off then till 8:15 A.M. Later stations identified- Big Creek; High Rock; Fry Mountain, N.C. (WSEW); Forny Creek, N.C. (WSES). At 8 and 9 P.M. WSEF, Gatlinburg, Tenn., called a roll of stations identified as Greenbriar; #253; Cove Mountain; Caves Cove; White Rock; Cosby; Rich Mountain, Tenn. (WSEL); Blanket Mountain, Tenn. (WSEM). All listed were heard and others not identified and not heard were also called by WSEF. Next schedule set at 8 A.M. Cause of all this activity was large forest fires in the Smokey Mountains, one described as two miles around. (ER)
3.410	NRWM	The Lilac, in Delaware waters, heard calling Philadelphia Radio. (Roberts)
3.402	NNDV	Detroit Light Depot, Mich. working NNFL, St. Clair Flats Range, Mich. NNES, Marquette Light Station, Mich., contacted Stannard Rock at midnight. NNDB, Ashland, Wisc., calls the roll at 8 P.M. nightly. Heard working NNGF, La Point, Wisc. Others listed previously. Little Creek, Va., working Sandy Point, Md.; NRWO, the Narcissus; NRWU, the Wisteria. NNFA, Mackinac Point, Mich., calling NNET, Martins' Reef, Mich., and NNFG, Poe Reef, Mich., at 7:48 P.M., NNFU, Spectacle Reef, Mich., at 7:49. (Roberts) NNDB, Ashland Breakwater heard in Massachusetts. (Leboeuf)
3.295	8EV	Massachusetts National Guard Ground Station in contact with Army Planes #5216 and 6137, all three heard. (Leboeuf)
2.738	----	Ships heard:- WNXT, Trawler Lark (Leboeuf). WDLX, Monte Vidas; WGJH, Mary W (Roy Waite).
2.726	KQVK	Special emergency station at Coalville, Utah, heard working KASY, Salt Lake City at 10 P.M. (Roberts)

HIGH FREQUENCIES (EST) - Earl R. Roberts

Mcs.	Call	Location
15.105	JLG4	Tokyo, logged R9 in Iowa from 8-9 P.M. (Chas. Robinson) Heard 11/10 from 8-9, then continued one hour with special test program. (Roberts, Indiana)
12.050	FFZ	French Concession at the International Settlement, Shanghai, China, received at 9:44 to signoff at 9:56 A.M., 11/3. (Roy Waite, New York)
11.970	FZI	"Radio Brazzaville", Brazzaville, French Equatorial Africa, now reported by several. Callan advises they may also be addressed at "Radio Brazzaville, Service de la Presse et des Informations de la Gouvernement Generale, Brazzaville, Afrique Equatoriale Francaise." They are now testing this new transmitter and schedule is 1-1:30 A.M., and 3:30-4 P.M. This is the strongest signal ever heard from Africa. Programs entirely in French with talks and comments in behalf of Britain and Gen. de Gaulle's Free Frenchmen. (Callan, Roger Legge, Roy Waite)
11.815	JVZ	Tokyo received by Charles Robinson 8-9 P.M. with JLG4. (Robinson)
11.716	HSP5	Bangkok, Thailand, logged 11/3 from 8-9 A.M. (Roy Waite)
9.410	FGA	"Radio Dakar", Dakar, French West Africa, present schedule seems to be from 3-4:20 P.M., or later. Heard as late as 4:58 once. (Legge, Roberts)
6.190	WGEA	Schnectady, N.Y., now operates 10-11 P.M. with program directed toward Latin America. (Legge)
4.865	----	Unidentified station believed to be in Brazil heard signing at 8 P.M. with Brazilian national anthem. (Roger Legge)
3.410	NRWQ	LHT Orchid, Norfolk District, at 8:20 P.M.; Smith Point, Va., working NNGJ Little Creek, Va. at 8:31. NRYS, LHT Mistletoe worked NNGJ. (Roberts)
3402	NNFQ	Sherwood Point, Wisc., heard working Minneapolis Shoal, Minn. (No call known to be assigned yet) at 8:06 P.M. (Roberts)

****STATION NOTES****

WLWO, Cincinnati, granted unlimited time on 9.590 mcs., and addition of 11.710 and 15.250 mcs., and deletion of 11.870 mcs. WRUL-WRUW, Boston, will delete 15.250 mcs. and add 15.350 and 17.750 mcs. The frequency 15.130 mcs. is subject to termination without advance notice also. WGEA, Schnectady, granted authority to conduct two-way communication with KRTA, KRTC, and KRTK, Little America, between midnight and 2 A.M. for a three month period ending February 1, 1941. WLOXMK aboard the vessel Frontenac, WLOXML aboard the Peter A.B. Widener, and WLOXMP aboard steamship Diamond Alkali, granted license to operate experimentally on 6.330 mcs. to conduct tests on "simplex" and "duplex" operation with coastal harbor station W8XWB and W8XWD operating on the Great Lakes. Schwarzenburg, Switzerland, operates as commercial phone to USA and South America on 5.395, 7.545, 7.565, 15.855, and 19.610 mcs., as a broadcaster on 9.655 mcs., 25 Kw. all frequencies. A new station being built at Zagreb, Yugoslavia will have antenna directed to Australia, North and South America, and will operate with 50 Kw. on 6.150, 7.210, 9.620, 11.895, 15.300, 17.800, and 21.630 mcs. OFH, 6.120 mcs., Helsinki III, Finland, a new broadcaster, is operated by O. Y. Suomen Yleisradio A.B. Teheran, Iran (Persia), has increased power to 20 Kw. on EQB, 6.155, EQC, 9.680, and to 7 Kw. on EPB, 15.100 mcs., which is also licensed as a broadcast station as well as commercial phone in latest Berne supplement. HVJ, Vatican City, may now operate with 25 kw. on 7.250, 7.270, and 7.280 in addition to regular frequencies. COEC, Havana, is listed on 17.850 mcs. with 1 Kw. for broadcasting. XXD, a new commercial at Vila Taveiro, Portuguese Timor, is licensed for 10 watts on 4.000, & 6.330 mcs., a very unusual country if heard. A large number of Cubans are listed as new government phones of Ejercito Constitucional. Portable mobile stations on 10 watts operate only 1 kcs. apart consecutively from 4.029 through 4.053 mcs. Calls are COWAK, COWAW, COWAU, COWAA through COWAF, COZK1 through COZK9, and COZL1 through COZL7. Key station with 100 watts seems to be COW2, Columbia, Cuba, 4.033 mcs. Also operated by Ejercito Constitucional are COS9A, Topes de Collantes, Cuba, 100 watts on 4.217, 5.934, 7.748 mcs. COW2 also works on 5.792, 5.993, and 11.534 mcs. The portable CO's are again licensed to operate from 5.771 through 5.799 mcs. while COWAA is also separately assigned to 5.500, 5.791, 6.577, 6.710 and 8.700 mcs. COU5, 100 watts on 5.847 mcs. is the only Havana station listed for phone operation.

HIGH FREQUENCIES (EST)- Earl R. RobertsMcs. Call Location

- 15.285 CR7BG Lourenco Marques, Mozambique, verified with beautiful card, a map of Africa in brown with circles radiating outward from Mozambique, call letters maroon outlined in white. CR7BE, 9.71, verified with same type card but design in green, call letters in blue. (Roger Legge, N.Y.)
- 15.165 CP43 "Radio Tupiza", Casilla de Correos 13, Tupiza, Bolivia, verified. (Waite)
- 15.105 JLG4 Tokyo reported heard and testing 9-10 P.M. one hour after regular transmissions. (Jimmy Hart, N.J.; Roy Waite, N.Y.; Henry Bennett, N.J.)
Announcer said they were testing to see how well the Eastern States received them and requested reports. (Bennett)
- 14.630 PMH Bandoeng, N.I., reported to be the station heard by Norman Kriebel on this frequency. This station is not now heard on 6.720 mcs. (Graham D. Hutchins, Australian DX Club, via airmail) Could this be the new PLJ?
- 11.970 ---- Radio Brazzaville, F.E.A., QRA- Service de la Presse et Information du Gouvernement General, Radio Brazzaville, Moyen Congo, Afrique Equatoriale Francaise. Hours:- 1:00 A.M. and 3:30 P.M. EST. Brazzaville is located directly across the river from Leopoldville, Belgian Congo. Ship mail should get through o.k. (Charles Leboeuf, Mass.; Norman Kriebel, N.J.; Hart)
- 11.930 XGRX (Not XGRO) "The Call of the East", Shanghai, China, very strong at 7:00 A.M. EST advertising a chemist and his antacid for stomach troubles. This station very pro-German in its propaganda but programs in English. (ADXO)
- 11.890 KZRH "The International Station of the Philippines", Manila, now heard 11 A.M. to noon during a special session. Slogna also used is "Voice of the Philippines." (Graham Hutchins, Australia)
- 11.870 VLQ2 Sydney, heard well at 8:10 A.M. with French program. (Roger Legge)
- 11.815 JVZ Tokyo, QRMED by GSN and 2RO from 8-9 P.M. (Roy Waite, Jimmy Hart)
- 11.710 WLWO Cincinnati, heard well afternoons to around 6 P.M. and interferes badly with afternoon programs of SBP, 11.705 mcs., Sweden. (Magnuson, R.I.)
- 9.720 XGOY Chungking, China, received here at 8:45 A.M. (Graham Hutchins, ADXC)
- 9.635 XGOY Chungking, opens here at 9 A.M. This program is relayed by XPRA, 690 kcs., XPSA, 61980 mcs., XGOA, 1180 kcs. (these calls announced but is also relayed by) XGOG, 560 kcs., and XGOY, 9.720 mcs. The 9.635 frequency is R9 while the 9.720 frequency is much weaker and since it is unannounced, it may be presumed that this, 9.720 mcs., station is another Government transmitter further back in China relaying all programs of XGOY whether they are on 25 or 31 meters. (Hutchins, Australia)
- 9.410 FGA "Radio Dakar", Senegal, F.W.A., seems to be on daily 3:00-4:19 P.M. They seem to have another transimasion also but so far it has not been spotted. (Norman Kriebel)
- 6.675 HBQ Geneva, Switz., heard at 7:40 P.M. signing with WEC after NBC relay. (Legge)
- 6.660 WFKI L.S. Wescoat; WCKF, S. E. Way; WNTX, Wm. B. Davock, was broken in two during the storm on the Great Lakes with large loss of life. (Charles Leboeuf)
- 6.575 YSPB San Salvador, "La voz de Ouscatlan", heard signing at 11:58 P.M. (Waite)
Since they announce as YSP-YSPA-YSPB, it is presumed they mean YSP, long-waves, YSPA on 10.40 mcs., and YSPB on 6.575 mcs. (Roger Legge)
- 6.200 ---- SCOOOP: "Radio Moshista (?)", Emisora Catholica Portuguesa, Lisbon, is heard daily from 4:00-7:00 P.M. with powerful signal. (Norman Kriebel, Pa.)
- 5.550 CLB Nueva Gerona, Cuba, thought to be the station now heard R9 plus relaying programs of CMQ-COCQ-CMHQ nightly. The transmitter on 4.560-4.610 mcs. is now off the air. (Roberts, Indiana)
- 5.030 CUQ2 Funchal, Madeira Islands, R6-7 at 5:30 P.M. calling Lisboa. Uses musical interval signal with about 20 notes. (Roger Legge)
- 4.805 HJDU Medellin, Colombia, heard irregularly in early evenings. (Roger Legge)
- 4.755 CY3E Chicoutimi, Quebec, also CH5L and CH3B, all heard around 6:30-7:30 P.M.
The latter appear to be portables at surveying camps. (Legge) CH's unlisted.
- 3.355 YV1RO Trujillo, Vene., announces 3.34 but wanders between 3.35 and 3.36. (Legge)
- 3.350 YV5RS Caracas, Venezuela, now on this frequency signs at 10 P.M. (Legge)
- 3.415 WSEF Gatlinburg, Tenn., replied to letter advising that WSEF was the only call assigned to the Park stations, the others identified by locations. #253

HIGH FREQUENCIES (EST) - Continued from page 5.

Mcs.	Call	Location
		was a portable Patrol near Calderwood Lake, Tenn.; SP18 was a portable near Big Creek; Caves Cove should read Cades Cove, Tenn. Of the 18 stations heard in the Great Smoky Mountains, 10 of them were of only 2 watts power, 1 of 5 watts, 3 - 10 watts, 1 - 12 watts, 1 - 15 watts, and 2 - 50 watts, the latter WSEF and Bryson City, N.C. With only 2 watts it is amazing how well these stations are heard 400 miles away. (Roberts)
3.410	NRWV	LHT Violet heard working NNGG, Baltimore at 8:50 P.M. A new station identified as Pammit River Radio heard at 8:56 calling Nantucket. (Roberts)
2.770	WWMT	Thousand Island Bridge, N.Y., border patrol received. (Leboeuf)
2.738	WPHZ	Trawler Salvatore; KJEM, Tug C.H. Spedden; WFGE, Tug Seneca; WFNy, Tug Elizabeth Boyer; WFQS, Tug Westport; KJPY, Tug Locust Point; WGAB, Tug Edmond J. Moran; WFPY, Tug Thomas F. O'Brien; WEFY, Tug Dalzellance; WEQY, Tug Captain Bill; WDXQ, Trawler Jennie & Lucia; WDXN, Power Boat Calihan III; KJVS, Tug Harold F. O'Brien. (Leboeuf)
2.726	WRWJ	Portable at Montpelier, Vermont, and WRWI, portable at Woodsville, N.H. logged testing (Leboeuf)
2.698	NNP	Philadelphia Radio, Pa., and NRKG, 110' Harbor Craft Naugatuck, received. (Leboeuf) Sandwich, heard by the writer, is located just east of Cape Cod Canal, Mass., and is assigned the call NNDG. (Callan, Mass.)
2.638	WCOQ	S.S. Cristobal heard R9 plus 11/14 while 550 miles South of Sandy Hook, N.J. talking with WTJO, the Panama, 35 miles out of New York. (Frank Waysse)
2.350	WZBM	Marietta, Ohio, U.S. Army Coastal Harbor station testing with WYGA, U.S. Army Towboat Iroquois on the Ohio River. (Leboeuf)
2.326	WFBQ	No location, on with short news bulletins signed with "WFBQ is now standing by at 'time.'" (Leboeuf)
2.310	CY6A	Cornwall, Ont., police radio heard in Massachusetts. (Leboeuf) Power 100 w.
2.182	CYPW	S.S. Algonquine heard. (Leboeuf) VBC, Midland, Ont., S.S. City of Hamilton, and others heard. (Desmond Callan)
2.158	WEYF	Henry Phipps; WADJ, Wm. G. Mather; KFCT, George F. Rand; WCRM, John Dunn, Jr.; KKUI, J. H. Sheadle. (Leboeuf)
2.142	KJZB	S.S. State of Maryland; WTHZ, Tug Trojan; KJCT, Tug Battleboro, in contact with WGB, Norfolk, Va., on 2.538 mcs. (Leboeuf)

WAY, Lake Bluff, Ill., and WHC, Mackinac Island, Mich., granted extension of authority to operate on 4.2825, 6.470, and 8.585 mcs. (FCC)

WER, Sullivan's Island, S.C., operated by Southern Bell Telephone and Telegraph Co., is operating a coastal harbor station on 2.566 mcs., 400 watts. (FCC)

Graham Hutchins, Ascot Vale, Vict., Australia, writes that a Representative of the Broadcasting Corporation of Japan recently visiting in New Zealand told a friend that Japan plans to build a number of new shortwave stations as follows:-

5 of 50 kilowatts power; 20 of 1 kilowatt; 2 of 100 kilowatts; and 1 of 150 kw.

Hoping for further information on the U. S. Coast Guard Lighthouse Service from our query to Little Creek, Va., we are holding up the next list of these stations for this week only. Incidentally, we are indebted for this fine list to Charles Leboeuf of Webster, Mass., who compiled it from various sources, and to Desmond Callan, who also helped in rewriting the list. Charles also kindly offers to send a more complete list of the U.S. Army Coastal Harbor phones, a few of which were given last week to help fill up the page. Reports have been rather scarce lately....

ROY WHITE, Ballston Spa, N.Y., reports QSL's from LU2XC, 14.27; CO6AX, 40 meters, CO6CC, EI3J for reception of 6/7/1937, PY1FO, LU4CJ, and QA4R.....

JIMMY HART, Newark, N.J., received a card from W10ADA, the Steamer Effie Morrissey between Labrador and Greenland when heard. Noce going. You must have a pull with the operator as he sure failed to reply to the writer's report of reception although admittedly it was mailed somewhat late.....

Nothing new to report from this end at Indianapolis. For almost a week ye writer has hopefully set the trusty old alarm for the unearthly hour of 5:30 A.M., just as faithfully crawled sleepily from beneath the warm covers, shut off the nerve-wracking clatter of the alarm, and tried DXing??, nay, crawled just as sleepily between said covers again, yawned twice, and tried the other side of the bed.....30.....

HIGH FREQUENCIES (EST) - Earl R. Roberts

Mcs.	Call	Location
11.850	ZP8	Asuncion, Paraguay, reported by a Uruguayan member to be operating from 10 A.M. to after 7 P.M. but almost blocked by Berlin on 11.855. (QRC)
11.825	CXA14	Colonia, Uruguay, relaying LR6 Radio Mitre, may be best heard Sundays from 6:30-8 P.M. At other times heterodyne is bad. (QRC)
9.750	WDL	Lawrenceville, N.J., heard calling Madrid for commercial traffic. (Leboeuf)
9.558	OAX4K	Radio Goicochea, Lima, Peru, heard relaying OAX4E, 900 kcs., whose address is Jiron Ocoña 158. Usually on the air from 7-10:30 P.M. Before 4:30 P.M., OAX4T often blots out DJA on 9.560 mcs. (QRC)
7.445	FG8AH	"Radio Guadeloupe", Point-a-Pitre, Guadeloupe, signed at 6:48 P.M., 11/25, with French announcements. The sign-off selection played was not the Mar-seillaise. (Roberts, Ind.)
7.257	JVW	Tokyo, Japan, believed to be the station heard weakly at 7:30 A.M. with Oriental music. This is not certain however as no announcements were heard. Reception was too weak for that. (Roberts) JVW is 50 Kw.
7.230	GSW	Daventry, heard with same program as the Home Service Station on 6.145 mc., but different from that of GSA, 6.050 mcs. at 1:30 A.M. (Roberts)
6.285	----	Red Rose, C.R.A.F. ground station, heard at 3:53 P.M. calling planes 6033 and 6236, both planes heard. (Roberts)
6.200	----	"Radio Moshista", Portugal, heard with good signals to 6 P.M. (Roberts)
6.070	HJCF	"La Voz de Bogota", Bogota, heard on this frequency now. Signs at 11 P.M. (ER)
6.040	OAX6A	Radio Arequipa, inaugurated their new Philips transmitter Sept. 17, heard at 7:45 P.M. QRA- Munoz Najar 141, Arequipa, Peru. (Quixote Radio Club)
6.035	OAX6B	Radio Sur, Arequipa, Peru, was audible at the same time as OAX6A but much weaker. They were formerly on 11.710 mcs. (QRC)
6.025	OAX4P	Huancayo, Peru, has been heard at times on this frequency. (QRC)
6.010	DXO	Zeesen, Germany, received R8 at 12:30 A.M. with talk by lady. The usual interval signal played for several minutes just before 1 A.M. DJC, 6.020 mcs., was much louder. (Roberts, Indiana)
3.415	----	Additional transmitters at Bunker Hill and Hall Top heard at the usual station schedule at 8:00 P.M. These are in the Great Smoky Mountains. (ERR)
3.410	NNBM	Frying Pan Shoal Lightship, N.C., logged at 8:33 P.M. calling Little Creek.
	NRWR	LHT Speedwell of the Norfolk District heard at 8:28 P.M. (Roberts)
3.402	NMP	Willmette Radio called NNDB at 11:25 P.M. NRYA, LHT Amaranth, anchored at Houlton Harbor, Michigan, on Lake Superior, received at 8:08 P.M. (Roberts)
2.738	WBGM	Tug Marion; WEQA, Fishing Boat Three and One and One; WEPI, Fishing Boat Columbia; WGIY, Fishing Boat Norseman heard. (Charles Leboeuf, Mass.)
2.698	NRFK	Ice Breaker Kickapoo heard off the coast of Maine; Pamet River Radio, Mass., is a new station located near Truro, Mass., about 11 miles from Provincetown, Mass. It is on the inside of the hook on the Cape Cod Bay and is getting out very well on the roll of stations. (Leboeuf)
2.670	NMP	Willmette Radio, Illinois, logged here. (Leboeuf)
2.604	WYEG	U.S. Army Dredge Memphis and WYED, Dredge Wm. S. Mitchell received. (Leboeuf)
2.182	VGBD	S.S. Sarniadoc; VGMF, Laketon; WADE, Clemens A. Reiss; WTSN, J. F. Durston; WTSP, Norway; WCRM, Finland; and the Canadian ship Transmitter. (Leboeuf)

The only report received during the entire week was from Charles Leboeuf. With his report was a most complete list of U.S. Army Dredges, Towboats, and Tugs, and a late list of Immigration Border Patrol stations. If it wasn't for Charles, ye writer would surely be stuck at times.

For the first time in months, NY4AB, 14.180 mcs., was heard at 8 A.M. with very good volume. A turn across the broadcast band on the SX28 showed that the TP's were beginning to show up. KGU and LRA were really fighting it up strong on 750 kcs., LRA with that weird tone signal that sounds like the French commercial phones. 1YA on 650 could be heard well at 3:30 A.M. while carriers were heard on 700, 760, and 840 kcs. KD4GYM on Swan Island is now verified with a return address home made QSL card with a New Orleans cancellation of Nov. 23. The card is rubber stamped "Paguebot" evidently the steamer carrying the mail from Swan Island. That raises the VIC to 120 even. 30. Dont forget those reports to - 2308 Roosevelt Avenue, Indianapolis, Indiana.....

HIGH FREQUENCIES (EST) - Earl R. Roberts

Mcs.	Call	Location
15.175	----	Radio Congo Belge or Radio Leopoldville, Belgian Congo, received good from 2-2:50 P.M. with same program as OPM, 10.140 mcs. No call used but may be OQ2AA listed in Berne under 15.170 mcs. (Roy Waite, N.Y.; Kriebel, Pa.)
14.485	HPF	Panama, heard calling WNC2, Hialeah, Florida, at 6:50 P.M. (Waite)
12.130	TPZ	Radio Algiers, Algeria, logged from 4-6 P.M., 11/23 (Waite). Heard R9 requesting reports from African listeners and said they should be sent by airmail, QRA- Radio Alger, Algiers. Stated they also use TPZ-2, 8.960 mcs. on earlier broadcast. Programs all in French. (Charles Leboeuf, Mass.)
11.940	CNR2	Rabat, French Morocco, "Radio Maroc", again broadcasting between 2-4 P.M. irregularly. (Leboeuf, Waite, Kriebel)
11.925	CUI2	San Miguel, Azores, contacted Lisbon at 7:40 A.M. (Norman Kriebel)
11.915	CUG2	San Miguel, Azores, R7 at 6:12 P.M. calling Lisbon. Went off at 6:14 P.M. and at 6:19 P.M. was on 6.995 mcs. as CUM calling Lisbon. (Roger Legge, NY)
11.880	VLQ7	Sydney, broadcasts to Western North America 1-1:45 A.M. Heard also at 10:30 A.M. with music. (Legge)
11.870	VLQ2	Sydney, and VLW2, 9.645 mcs., Perth, are carrying program for South East Asia from 8:10-9:45 A.M. (Waite)
11.000	PLP	Bandoeng, Neth. Indies, received best ever for evening reception from 5:50-6:30 P.M., 12/1, with classical selections. (Roberts, Indiana)
10.543	DZD	Zeesen, heard R6, on West Coast in parallel with other Germans. (Field, Calif.)
9.615	ZRL	Johannesburg, South Africa, logged 11:45 P.M.-midnight, 11/20. (Waite)
9.410	FGA	Dakar, Senegal, now on daily 3:15-4:30 P.M., occasionally remains on to 4:50 P.M. giving news in Arabic or Senegalese. English broadcasts Tuesday and Friday 4-4:15 P.M. Signs on with same selection and gongs heard last winter over station on 8.79 mcs. that was thought to announce as "Radio Andorre." (Norman Kriebel)
7.470	HJR6	Cartagena, Colombia, called HJI, El Centro at 7:25 A.M. (Kriebel)
6.660	HC2RL	Guayaquil, Ecuador, on Tuesdays with good signal. Dr. Roberto Levi and wife owners, Casilla 759. Verifies for 5¢ coin or stamps. (Field, Calif.)
6.190	----	Radio Saigon, Indo-China, very good now at 6-7 A.M. on new frequency. (NK)
5.975	HCQRX	"Radio Quito", Quito, Ecuador, relays HCQR to 10 P.M. or later. (Legge)
5.910	TIGPH-TIX	San Jose, Costa Rica, has shifted from 5.830 kcs. (Roberts)
5.560	HUB	San Salvador, relays YSS-YSD, evenings to 10:30 P.M. irregularly. Verified promptly by letter from Direccion General de Telegrafos, Telefonos, y Radio Nacionales, San Salvador, El Salvador. Heterodyned at times by a Cuban a couple kilocycles higher. (Legge)
5.052	WDI	Ocean Gate, in contact with Rome, Italy. (Leboeuf)
4.865	----	Para, Brazil, broadcasts nightly to 8 P.M. but call letters not made out as yet. (Legge)
4.420	ZFS2	Bahamas, at 5:15 P.M. called ZFKT and ZFB unsuccessfully. (Kriebel)
4.402	WEDI	S.S. America in contact with WOT, San Juan Radio, P.R. (Leboeuf)
3.460	YV4RP	Valencia, Venezuela, last letter of call rather uncertain due to QRM from airports, logged with good signals evenings. (Roberts)
3.410	NNBD NNP	Hen & Chickens Lightship, Mass., at 7:43 P.M. working Pamet River Radio; Philadelphia Radio calls stations in its district (Brandywine LS, Fourteen Foot Bank, and Overfalls LS) at 10:46 P.M. NNCR, Columbia River LS, Oregon, heard at 10:40 P.M. working NNCE, Blunt Reef LS #100, Calif., and NNCS, San Francisco LS, all stations heard R4-8. NNDC, Brandywine Shoal, Dela.; NNEF, Fourteen Foot Bank Station, Dela., and NNBQ, Overfalls LS, Dela., logged on schedule at 10:48 P.M. New London Base on 3.414 called Cornfield Point LS, Conn., 3.410 mcs., at 10:52 P.M. NNGG now signs as Baltimore Repair Station. (Roberts, Ind.)
3.350	YV5RQ	Caracas, Venezuela, logged R9 plus to sign off at 10:05 P.M., 12/1. Last letter again uncertain. Heard just above YV1RL, 3.340 mcs. (Roberts)

Judging by the cracks received to date, ye writer should have left off those last few lines in the November 23rd issue anent our early morning DX ability. It seems to have landed us in the same company as Messrs. Potts, Kraemer, Foerster, Hahn, etc. Never let that happen.....Dont forget those reports to 2308 Roosevelt Ave., Indianapolis.

HIGH FREQUENCIES (EST) - Earl R. Roberts

Mcs.	Call	Location
18.630	IRZ	Rome, Italy, heard relaying Rome early mornings. (Charles Leboeuf, Mass.)
18.610	GAU2	Rugby, England, phoned Montreal. (Leboeuf)
17.170	KUN	Bolinas, California, heard on this new frequency recently. (Leboeuf)
15.160	XEWV	Mexico, D.F., logged at 11:30 A.M., 12/1, with R9 volume, broadcasting the prelude to the inauguration of President Comacho, gave names of persons as they arrived. (C. M. Falconer, Baltimore) Glad to hear from Baltimore again.
12.130	TPZ	Algiers, Algeria, heard R9 at 4:20 P.M. 12/7, with program in French. (ER)
10.590	XDAL	Chapultepec, Mexico, logged at 7:13-7:40 P.M. calling "Bueno Merida, Bueno Mexicali." (Roy Waite, N.Y.)
10.350	LSX	Buenos Aires, heard Saturdays 9:30-11 P.M. relaying the NBC Symphony Orchestra. (Roger Legge, N.Y.)
10.140	OPM	Leopoldville, Belgian Congo, heard between 2:30-3:00 P.M. (Leboeuf)
9.570	HJAB	Barranquilla, Colo., received well at 9:30 P.M., apparently a harmonic of 4.785 mcs. transmitter. (Legge)
9.562	OAX4T	Lima, Peru, from 8-9 A.M., November 30th. (Roy Waite)
9.560	VLW2	Perth, Western Australia, new frequency as announced, in parallel with VLQ2, 11.87 mcs., Sydney, from 8-9:52 A.M. (Waite)
9.465	TAP	Ankara, Turkey, heard at 6:30 P.M. calling NBC and MBS. Said they could not relay program from Greece since Athens was not on the air that night. (Roger Legge)
8.910	YNA5	Managua, Nicaragua, heard phoning. (Leboeuf)
8.690	TPZ2	Algiers, Algeria, broadcasting at same time as TPZ, 12.13 mcs. TPZ2 is heard as late as 5:30 P.M. with good volume. (Leboeuf)
7.842	YVO	Maracaibo, Venezuela, heard phoning. (Leboeuf)
7.220	I2R011	Rome, now heard carrying the American Hour evenings. (Roy Waite, Roberts)
6.925	CUM	San Miguel, Azores, in contact with CUQ2, 5.03 mcs., Funchal, Madeira Is., both stations logged. (Leboeuf)
6.200	CP5	La Paz, Bolivia, comes through fairly well to sign off at 11 P.M. (Legge)
5.915	TIGPH-TIX	San Jose, Costa Rica, moved from 5.830 mcs. Announces as "TIGPH Alma Tica" until 10 P.M. and as "TIX La Reina del Aire" after 10, but same transmitter used by both. Announced frequency is 5.863 mcs. (Legge, Bennett)
3.460	YV4RP	Radio Valencia, Valencia, Venezuela, now on this frequency evenings. (Legge)
3.410	NNER	Manitou Island, Mich., at 9:08 P.M. working NNPH Portage Lake; NRWD, LHT Arbutus to Pamet River Radio at 11:32 P.M.; NNEZ, Nobska Point, Mass. to Pamet River; NNGW, Relief LS #92 to NAW, Grays Harbor, Wash., at 11:51 P.M. was R7-9, and is located on the Columbia River at present; NRYR, LHT Fir, at 11:55 P.M. worked NNGW, heard R7; NNGB, Tongue Point Lightship, Oregon, R7, at 12:13 A.M. with 50 watts power; NNOL, Umatilla Reef LS, Wash., at 12:02 A.M. working NNGW Relief #92; NNFD, Patos Island, Wash., R5-8, at 12:04 A.M. contacting NNFR, Smith Island, Wash., R3. (Roberts, Indiana)
3.402	NRXX	LHT Aspen, heard contacting Sault Depot at midnight; NNDR, Cheboygan Range, Mich., at 8:23 P.M. worked NNFG, Poe Reef, Mich. (Roberts)
2.738	WFVB	Tug H. C. Jefferson; WGKA, Yacht Americana; WEVR, Fishing Boat Rosemarie; WFHL, Fishing Boat Serafino II; WNVP, Yacht Glory; WDNT, Yacht Dandy. (Leb.)
2.698	NRGC	165' Patrol Boat Calypso heard working surf station at Sackets Harbor, N.Y. NRKW, 110' Harbor Craft Mahoning, CGC 409, logged. (Leboeuf)
2.604	NRXQ	LHT Wakerobin on Mississippi River working NNL, St. Louis Radio, Mo. (Leb.)
2.350	WYDK	U.S. Army Patrol Dragon logged. (Leboeuf)
2.206	VGFC	S.S. Mathewson in contact with VBC, Midland Radio, Ont., 2.582 mcs. (Leb.)
2.182	VGQF	S.S. Donnacona; VGQK, Emperor; VGQZ, Goderich; OYBJ, Canadian; WEDD, Harry W. Croft; WDQD, Denmark. WDMS, Lyman C. Smith; and the following Canadian ships without calls: John Ericson; Windoc; Wellandoc; Lavaldoc; Landoc; Vandoc; Troydoc; Fairlake; Saint Agnes; Prendoc; Fort Willdoc; Autodoc; Collingwood; Teak Bay; Heron Bay. (Leboeuf) CYKM, S.S. Winnipeg; VGPL, Prescott; WPJI, Steamer Andrew Upson; Steamer Beaverton, OYDZ; VGKM, Algon; VGQN, Algosteel; VGJB, Algorail; Yacht Taola; (Roberts)

FRANK WAYSSE, New York, will you send me your address and I'll be glad to forward more NNRC cards.....Report SW items to 2308 Roosevelt Avenue, Indianapolis.....30...

HIGH FREQUENCIES (EST) - Earl R. Roberts

Mcs.	Call	Location
19.380	PMA	Bandoeng, Netherland Indies, is now broadcasting an early morning session from 7:15-8:15 A.M. English news at 7:20. (Graham Hutchins, ADXC, Australia)
14.485	TIU	Cartago, Costa Rica, and TGF, Guatemala City, in contact with WNC2, 14.51, Hialeah, Florida. (Charles Leboeuf, Mass.)
12.830	CNR	"Radio Maroc", Rabat, Morocco, heard in afternoons with station CNR2, 11.94 mcs. (Leboeuf) CNR heard signing with 3 bells at 4 P.M., 12/14, but CNR2 not on air. Signal RS. (Roberts, Indiana)
12.640	????	Station believed in Belgium or one of their Colonies heard signing at 2:20 P.M. saying they would be on the next day at same time with program in French and Flemish. Program was a relay of BBC program "The French talk to the French." OON, Stanleyville, Belgian Congo, is listed on this frequency. Will listeners please check this closely? (Charles Leboeuf)
12.460	HQJB	Quito, Ecuador, heard R9 plus with news in Spanish at 7:10 A.M., Sundays. (ER)
11.148	CTV2	Lisbon, Portugal, verified in 2 months by letter from Direcção dos Serviços de Electricidade e Comunicações, Ministerio de Marinha, Lisbon. (Legge)
10.335	ZFD	Hamilton, Bermuda, heard calling New York afternoons. (Leboeuf)
10.055	ZFB	Hamilton, Bermuda, phoned WNB at 3:50 P.M. (Roberts)
9.755	ZRO	Durban, South Africa, 3-4 P.M., 12/7, badly QRM'd by WEL. Closing announcement was "Durban and ??? calling." (Roy Waite, N.Y.)
9.750	WEL	Rocky Point, N.Y., calling EHY, Madrid, at 3:40 P.M. (Roy Waite)
9.740	CSW7	Lisbon, Portugal, with news in English at 4:03-4:08 P.M., 12/7. (Waite)
8.970	----	Rio de Janeiro, Brazil, phoning Lisbon afternoons. (Leboeuf) The only Brazilian near here is ZWD2, 8.965 mcs., Porto Alegre, 250 watts. (ER)
8.590	XFBB	Campeche, Mexico, heard working XFIN, 8.571, Merida, Yucatan, both heard with good volume. (Leboeuf) The old Commercial Phone List was handy here, eh?
8.185	PSK	Rio de Janeiro, Brazil, calls New York around 5:30 P.M. nightly. (Leboeuf)
7.880	----	Caracas, Venezuela, commercial phone received on this frequency. (Leboeuf)
7.600	YNA-3	Managua, Nicaragua, logged calling Bogota, late afternoon. (Leboeuf)
7.522	HJA-3	Barranquilla, Colombia, calling Bogota late afternoon. (Leboeuf)
7.470	HJP-3	Bogota, working WCG for special broadcast to New York at 10:45-11 PM. (ERR)
5.550	HUB	San Salvador, logged 12/14 at 8:45 P.M. R9 and heard each night since then. English announcement given at 9 P.M. as "YSS-YSD-HUB". (Roberts)
4.290	COX7	Havana, Cuba, again heard 12/10 relaying CMZ at 8:40 P.M. (Roberts)
3.570	----	Havana, Cuba, relaying COCQ-CMQ heard R9 plus on this new frequency for only a few nights December 10th and after. CLA, Havana, listed here. (ER) It is certainly odd how these CMQ relays hop about. First heard near 4.61, then shifted to 4.57, up to 5.57, then 3.57, and where next? How come?????
3.350	YV5RS	Caracas, Venezuela, is the SW relay, YV5RQ the longwave station. (Legge)
2.662	NMF	Truro, Mass., has weather reports at 11 A.M. and P.M.; NNDQ, Charleston, S.C., at 11:30 A.M. and P.M.; NOQ, Mobile, 11:20 A.M. and P.M. (Hank Bennett)
2.522	WEH	Wilmington, Delaware, has weather reports at 11:30 A.M. and P.M. (Bennett)

Radio Guia has issued a complete list of Venezuelan Shortwave stations which shows a number of new assignments. These are given with what information is shown.

3.300	YV1RJ	"Radio Falcon", Coro, not heard yet.
3.310	YV4RX	"Radio Marconi", Maracaibo.
3.340	YV1RO	"Radio Trujillo", Trujillo, well received.
3.350	YV5RS	"Radio Libertador", Caracas, Apartado 508.
3.370	YV1RT	"La voz de la Fe", Maracaibo, 5-10 P.M.
3.380	YV5RY	"Radio Continente", Caracas, opens at 5:30 P.M., Apartado 1908.
3.390	YV3RX	"Radio America", Barquisimeto, 10 A.M.- 11 P.M., (Actually listed on 3.41)
3.400	YV5RW	"Radio Tropical", Caracas.
3.410	YV3RX	"Radio America", Barquisimeto, Ayacucho 68. (Actually heard on 3.390 mcs.)
3.420	YV2RC	"La Voz de la Sierra", Merida.
3.430	YV5RX	"La Voz de la Patria", Caracas.
3.440	YV1RU	"Radiodifusora Maracaibo", Maracaibo, 10:45 AM-12:45 PM, 4:30-10:30 P.M.
3.450	YV6RC	"Emisora del Estado", Barcelona.
3.460	YV4RP	"Radio Valencia", Valencia.

(Continued next page)

HIGH FREQUENCIES (EST) - Continued from page 5.

3.480 YV4RQ	"Radio Puerto Cabello", Puerto Cabello.	
3.490 YV3RF	"La Voz de Llano", Acarigua.	
3.500 YV5RV	"Emisora Vargas", La Guaira.	
4.750 YV1RV	"Ecos del Zulie", Maracaibo, Apartado 37, 10:45 AM-12:45, 4:30-10:30 P.M.	
4.760 YV4RO	"La Voz de Carabobo", Valencia, Av. Bolivar 10, 12-1 P.M., 6-10 P.M.	
4.770 YV1RY	"Radio Coro", Coro, Casa Urbina, 6:30-9:30 P.M., except Sundays.	
4.780 YV3RN	"Radio Barquisimeto", Barquisimeto, Bella Vista 419, 11:30 AM-1:30, 5:30-9:30.	
4.790 YV6RU	"Ecos del Orinoco", Ciudad Bolivar, Apartado 34, 6:30-9:30 P.M. ex. Sundays.	
4.800 YV1RX	"Ondas del Lago", Maracaibo, Apartado 261, 10:30 AM-1:30, 4:30-10:30 P.M.	
4.810 YV1RL	"Radio Popular", Maracaibo, Apartado 347, 11 A.M.-1, 4:30-10:30 P.M.	
4.820 YV02	"Radiodifusora Nacional", Maracaibo.	
4.830 YV2RN	"La Voz del Tachira", San Cristobal, Apartado 37, 11:30 AM-12:30, 6-9 P.M.	
4.840 YV1RZ	"Radio Valera", Valera, Av. Bolivar 56.	
4.860 YV5RU	"Estudios Universo", Caracas, Apartado 1931.	
4.890 YV5RM	"Radiodifusora Venezuela", Caracas, Pasaje Ramella, 3:30-10:15 P.M.	
4.920 YV5RN	"Radio Caracas", Caracas, Apartado 2009, 4-7:30 P.M., Sundays 3:30-7 P.M.	
4.950 ----	"Radiodifusora Nacional"	
6.720 YVKB	"Radiodifusora del Gobierno", Caracas.	(Anyone wishing a sample)
9.640 YVSC	"Radiodifusora del Gobierno", Caracas.	(copy of Radio Guia, just)
11.72 YVOR	"Radiodifusora del Gobierno", Caracas.	(drop a card to the writer)
15.31 YVPX	"Radiodifusora del Gobierno", Caracas.	(First come, First served)

HIGH FREQUENCIES (EST) - Earl R. Roberts

<u>Mcs.</u>	<u>Call</u>	<u>Location</u>
26.125	W5XAU	Oklahoma City, Oklahoma, heard relaying WKY and NBC programs. (Bennett, NJ)
17.800	VLQ8	Sydney, Australia, testing daily from 4-5 P.M. Australian stations come in R9 plus in Hawaii. (Bill Petty, Hawaii)
15.190	XG0X	Chungking, China, with news in English at 2:30 A.M. EST (Petty, Hawaii)
15.135	JLU3	Tokyo, Japan, heard testing late at night. (Petty)
11.880	VLQ7	Sydney, Australia, heard afternoons from 3:27-4:04 P.M. (Roy Waite, N.Y.)
11.840	VLR7	Melbourne, Australia, now heard in the evening, no time stated in the Australian DX Radio Club bulletin. VLR, 9.58, used days. (ADXC)
9.535	JZI	Tokyo, Japan, logged with news in English at 2:30 A.M. to 2:55. The news is very interesting as they come to the point when telling how Japan feels about the world situation. (Bill Petty)
6.145	GRW	Daventry, England, transmits 1-2:30 A.M., 2-6:20 P.M. news at 6. (IDA)
5.623	KHDJH	American Airlines Douglas DC-3, NC-25660, received. (Charles Leboeuf, Mass)
5.556	HUB	San Salvador, logged 12/12 from 9-10:30 P.M. (Roy Waite, N.Y.)
3.410	----	LHT Pine, new Lighthouse Tender heard in contact with Pamet River Radio. No call has as yet been assigned. (Leboeuf) NMGY, Relief Lightship #106, heard contacting Pamet River Radio This LS is used to replace the Boston Lightship from time to time. (Leboeuf)
2.986	----	Eastern Air Lines Stations logged the past week:- WOER, Raleigh, N.C.; WEEM, Miami, Fla.; WEEA, Atlanta, Ga.; WOEL, Mobile, Ala.; WEEJ, Jacksonville, Fla.; WEEC, Charleston, S.C.; WOEV, Louisville, Ky.; WEED, Chicago; WOEM, Montgomery, Ala.; WTLF, Tallahassee, Fla.; WOES, Savannah, Ga.; KBLC, Corpus Christi, Texas; WAJG, Nashville, Tenn.; WAJH, Indianapolis; WOEC, Chattanooga, Tenn.; WAHZ, Birmingham, Ala.; WDAL, Dothan, Ala. (Leb.)
2.726	WRQX	and WRQY, Portables operated by the Wisconsin Telephone Co., heard in contact at 1:24 A.M. Several others on at same time unidentified. (Roberts)

WNBI, Bound Brook, N.J., has been granted special temporary authority for 90 days to operate on 11.890 and 15.150 mcs., and to delete 17.780 mcs. in order to improve program service to Latin America during evening hours.

WRCA, Bound Brook, N.J., granted authority to add frequency 17.780 mcs., sharing with WPIT, and to operate with an effective power of 70 kw. on 9.670 mcs. (FCC)

WSXWE, Radiomarine Corp. of America, Buffalo, N.Y., granted extension of special authority as an experimental coastal harbor station on 2.182 mcs. for calling and safety purposes, 2.514, 2.550, 2.582 mcs. working, 6.440, 6.470, 6.480, calling and working, 2.738 mcs. distress and emergency, 100 watts power.

WSXWD, same applicant, West Dover, Ohio, granted same authority except calling and working frequencies 6.330, 6.470, 8.585 mcs., 400 watts.