

HIGH FREQUENCIESBy James J. Hart

- | Mcs. | Station | Location, Operating Hours (EWT), Etc. |
|--------|---------|--|
| 18.160 | PMN | Bandoeng, Java, heard for the second time at 9:30 P.M. However, signals were only fair and not as good as they were a few months ago. (Sutton, Ohio) |
| | WNRA | New York, gave call at 10:30 and 11 A.M. There seems to be another "W" station near this frequency although none is listed. (Sutton) |
| 18.115 | LNC5 | Buenos Aires, Argentina, is utilized to further the interests of that country with speech in English at 6 P.M. when a chime clock strikes six times. (Sutton) |
| 17.840 | ---- | Radio Eire, Athlone, Irish Free State, announces frequency as 17.840 mcs. or 16.82 meters. Schedule is 1:40-2:05 P.M. with news and talks. (Hart) |
| 17.820 | AFHQ | Somewhere in Italy, is on daily at 10:35 A.M. with press reports and news. (Hart) |
| 17.445 | HVJ | Vatican City, broadcasts an Italian program every Wednesday from 10-10:35 A.M. (Sutton) Is on the air every Saturday at 9:44 A.M. for South Africa. Employs chimes at the beginning of the program. (Harris, Mass.) |
| 15.750 | ---- | Radio Center, Moscow, broadcasts a program in English at noon. Very good signal. (Sutton) |
| 15.505 | CMA5 | Havana, Cuba, with music from 7:45-8:30 P.M. (Hart) |
| 15.435 | ZOY | Accra, Gold Coast, Africa, transmits but twice each week—Monday and Thursday from 11:30-11:45 A.M. They advise listeners to tune to 42.54 meters (7.050 mcs.) at noon. Request reports of reception. Excellent signal. (Harris, Sutton and Hart) |
| | CWE | London, has news in English at 11 A.M. Other London frequencies and times are as follows: 15.310 mcs., GSP, 11 A.M.; 18.080, GVO, 11-11:15 A.M.; 7.205, GWL, 10 A.M.; 9.510, GSB, 2 A.M.; 21.470 mcs., GSH, was heard signing off at 11:30 A.M. (Harris) |
| 15.180 | GSO | London, signs on daily at noon with news in English. (Harris) |
| 15.170 | TGWA | Guatemala City, Guatemala, broadcasts a musical program at 11:15 A.M. Excellent signal. (Harris) |
| 15.160 | JZK | Tokyo, and JWV3, 11.725 mcs., same city, transmit to North America with news in English at 9 A.M. (Sutton) |
| 15.110 | DJL | Berlin, has an English program at 11:30 A.M. Other Nazi stations and times they can be heard are as follows: DZB, 10.042 mcs., 11:30 A.M. and DJR, 15.340 mcs., which signs off at noon. (Harris) |
| 15.000 | WWV | Beltsville, Md., U.S. Standard Frequency Station, heard at midnight. This station usually signs off at sunset, EWT. (Sutton) |
| 13.725 | SVS | Athens, Greece. This and the following calls can be added to those which appeared in our December 1 bulletin: SVR, 13.670 mcs.; SVQ, 13.640; SVP, 12.195; SVO, 11.475 and SVN, 10.705 mcs. It is suggested to listeners who might want to add Greece to their list of countries, that they keep checking the above mentioned frequencies. (Hart) Gil Harris reports he heard announcement from London that Greece was off the air at the present time. |
| 13.190 | ---- | Kharbarovsk, U.S.S.R., is on the air from 6:55-7:15 P.M. with Russian press news. Still on the air at 9 P.M. but is not readable then. (Sutton) |

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HIGH FREQUENCIES
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Mcs. Station, Location, Operating Hours (EWT), Etc.

12.830 CNR Rabat, Morocco, with good signal strength from 7:45-8 A.M. (Sutton)
 12.175 ---- Radio Center, Moscow, broadcasts in French for the BBC at 8:33 A.M.
 12.127 ---- Radio Tananarive, Madagascar, is good from 7-9:25 A.M. News in French is broadcast from 8:50-9:05 A.M. Best about 7:45 A.M. (Sutton)
 12.115 ZNR Adon, Arabia, heard testing with recordings from 11:50 A.M.-12.01 P.M. followed by news in Arabic. They stated December 7 that they would test on 44.38 meters (6.750 mcs.) (Harris)
 11.970 ---- Radio Brazzaville, Free French Africa, heard at 1:25 A.M. with musical and excellent signal. Also heard on 9.440 mcs. at 2:01 A.M. with news in French and in English at 2:46 P.M. (Harris)
 11.885 ---- Radio Center, Moscow, gets out with a very nice signal on this frequency at 7 P.M.
 11.880 ---- Algiers (also on 11.765 mcs.) has excellent signal from 10-11 A.M. daily. (Sutton)
 11.855 CE1185 Santiago, Chile, slogan "Radio El Mercurio" is back on the air and can be logged daily at 8 P.M. but with QRM from DJP. (Sutton) Heard at 1:35 A.M. (Harris)
 11.840 VLG7 Shopperton, Australia, heard at 1:16 A.M. with news in English. VLG3, 11.710 mcs. was heard at 1:31 A.M. (Harris)
 11.830 WCRC New York, presents an English news period at 11:30 A.M. (Harris)
 11.810 ---- Radio Colombo, Ceylon, announces as "United Nations Radio; South-east Asia Command". It broadcasts daily at 8 A.M. The news in English is presented at 8:15 A.M. followed by a brief musical selection at 8:29 A.M. Now in Malaya is given at 8:30 A.M. Signals are excellent until 8:50 A.M. when they begin to fade rapidly. At 8:30 A.M. it is announced that the next news period in English will be in three hours on 11.810 mcs. in the 25 meter band.
 11.775 ---- Radio Saigon, French Indo China, heard at 10:45 A.M. with news in English. Signals are excellent. (Harris)
 11.760 DXR Berlin, broadcasts news in English at 9:31 A.M. and again at 11:30 A.M. At 11:48 A.M. a resume of DXR programs is given. (Harris)
 11.717 ---- British Mediterranean Station at Palestine, has a program of popular dance music at 9 A.M. which can also be heard on 9.670 mcs. At 1:30 P.M. this station is on 9.670 and 7.215 mcs. with a few minutes of music. A German program is broadcast until 1:45 P.M.; then one in English followed by a French program at 2 P.M. Broadcasts on 7.215 mcs. only have been heard as late as 6:30 P.M. (Harris, Sutton, Hart)
 11.635 ---- Hungarian Nations Radio (no location heard) was logged from 9:15-9:29 A.M. (Sutton) Heard in Massachusetts at 1:15 P.M. by Gil Harris who says signals were excellent. Later on between 3:15 and 3:30 P.M. he again heard this station. Not heard here as yet. (Hart)
 11.405 ---- Radio Dakar, Free French Africa, has a daily schedule of from 2:45-4:55 P.M. Presents a weekly talk in English every Wednesday from 4:30-4:45 P.M. (Sutton)
 11.000 ---- Station Victor 229 (near this frequency) calling Victor 263 (believed to be Army stations) and asking him to adjust guy ropes to antenna so as to increase his signals to readability. (Harris)
 10.600 TGN Guatemala, slogan "La Voz Libertad" (new station) broadcasts daily from 6 P.M. until midnight. (Sutton)

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HIGH FREQUENCIES

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Mcs.	Station	Location	Operating Hours (EWT), Etc.
10.375	JVO	Tokyo	heard from 4:30-6:30 P.M. (Sutton)
10.350	LQA5	Buenos Aires	broadcasts a "goodwill" program every Saturday at 7 P.M. At 7:15 P.M. LQA5 immediately signs off and uses the commercial call, LSX6 for relay work. (Hart)
10.065	----		"Voice of the United Nations" (no location given) was heard from 1:50-3:30 P.M. New in English is broadcast at 2 and 3 P.M. (Sutton)
10.010	WJQ	New York	called NCD3, Paris, at 6:30 P.M. for relays but was not successful in making the contact. WJQ was logged at 11:34 A.M. (Harris) Heard here at 3 P.M. talking to Paris but stated signals were fading badly. (Hart)
10.005	----		"Voice of Free Arabs" (no location) heard from 1:15-1:30 P.M. and from 2:15-2:30 P.M. (Sutton)
9.990	----	Radio Dakar	French West Africa has a musical program from 2:27-3:30 P.M. daily. All announcements are in French. (Sutton)
9.930	----	Radio Atlantik	(location unknown), anti-Nazi station (it transmits also on 9.800, 7.420 and 6.212 mcs.) is generally on the air throughout the afternoon and evening. (Harris) Heard on 6.212 mcs. from 12:45-2 A.M. (Sutton and Harris) A later report from Harris states that the 9.930 mcs. station is no longer being heard.
9.897	KROJ	Los Angeles, Calif.	gives the news in English at noon and 1 P.M. (Harris)
9.730	XGOA	Chungking, China	(Central B.C. Station) heard from 9:45-10:15 A.M. with news in English at 10 A.M. (Sutton)
9.700	WRUS	Boston, Mass.	heard signing off at 8:30 P.M. Returned to the air at 8:43 P.M. and program continued until 2:01 A.M. WRUL, 15.350 mcs., logged with news in English at 11 A.M. (Harris)
9.625	XGCA	Kalgan, North China	logged between 7 and 8:45 A.M. with good signals. (Sutton)
9.615	VLC6	Shepparton, Australia	in parallel with VLI9, 7.280 and VLG, 9.580 mcs. for the 10-15-10:45 A.M. program. News at 10:15 A.M. (Sutton) The program continues on VLC6 only, at 11:01 A.M. (Harris)
9.605	HP5J	Panama City, Panama	heard from 9:15-10 A.M. Speech in English at 9:30 and 9:45 A.M. (Sutton)
9.595	----	Radio Eire, Athlone	Irish Free State, signs on for news periods at 5:04 and 5:09 P.M. The latter lasts for 30 minutes. (Harris)
9.535	JZI	Tokyo	now signs on at 9 A.M. for the eastern North America program which concludes at 10:40 A.M. Anyone who listens to JZI's programs can readily understand why we should buy more Bonds, if for no other reason than to wipe the Japs from the face of the earth. (Harris and Hart) JLT3, 15.225 and JYU3, 11.897 mcs. are still used for the 6:15 P.M. transmission to eastern North America. (Harris)
9.500	OIX2	Lahti, Finland	broadcasts news in English daily at 8 A.M. (Hart)
	XEW	Mexico City	heard as late as 1:30 A.M. with rather weak signals. It was impossible to get correct reading on the R meter. (Harris)
9.465	TAP	Ankara, Turkey	broadcasts a mailbag program every Sunday from 4:30-4:45 P.M. when listeners' reports are read over the air and when the writers of the reports are promised a TAP verification card just received from the printer. It was stated that Turkey is getting three new transmitters. (Harris) Also heard every Tuesday from 6:55-7:15 P.M. with program for North America. (Sutton-Harris) (Continued on Page 10)

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<u>Mcs.</u>	<u>Station, Location, Operating Hours (EWT), Etc.</u>
9.395	----- Radio Congo Belge, Leopoldville, Belgian Congo, heard at 2:05 P.M. in French. Radio Nacional Belge, same city, was logged signing on at 1:45 A.M. when it broadcast a musical program. The latter station was heard again at 8:15 P.M. with news in English. (Harris)
9.330	----- Radio Andorra, Andorra, heard at 5:30 P.M. behind a CW station. Program featured a man talking as if he were excited. Incidentally, this must be a new frequency for Radio Andorra. (Harris)
9.125	HAT4 Budapest, Hungary, still broadcasting daily until 11 P.M. News in English at 10:25 and until 10:33 P.M. (Sutton)
8.188	CNR Rabat, Morocco, excellent at 1:49 P.M. (Harris)
7.795	WVLC Leyte, Philippines, General Douglas Mac Arthur's Headquarters, is on from 8:20-10 A.M. with press and news reports. Congratulations to Brother Sutton for one of the best catches in a long time. KKR, 15.460 mcs., heard calling WVLC at 6:05 P.M. (Sutton) Heard in Irvington, N.J. at 7:55 A.M. with program for CBS. (Hart)
7.869	SUX Cairo, Egypt, is on the air every Sunday at 3:24 P.M. with program of music for listeners in the East. (Harris)
7.720	KKQ3 San Francisco, calling NPN8 (location and frequency unknown) at 8:45 A.M. for relays to the networks. (Hart)
7.565	KWY San Francisco, has a news period at 8:30 A.M. daily. Other San Francisco stations and the times they may be heard are as follows: KWID, 7.230 mcs., 10 A.M.; KGEX, 15.290 mcs., beginning at 11 A.M. and KWID, 9.570 mcs., 1:30 A.M. (Harris)
7.525	----- New station in Natal (?), slogan "Radio Club Natal (probably in Brazil) with music and news in English from 9:30-10 A.M. (Sutton)
7.520	KKH Kahuku, Hawaii, logged with news at 8:35 A.M. Is usually on earlier in the day with relays to the networks. (Harris)
7.300	----- An unidentified station heard on this frequency was badly QRM'd by a CW outfit. It broadcast news in English at 3:48 P.M. and signed off at 3:49 P.M. with "Good night" (Harris)
6.190	JLT Tokyo, broadcasts the news in English to India at 9 A.M. QRM from WGEX was apparent beginning at 9:15 and continued until JLT signed off at 10:30 A.M. (Sutton)

MONITORING THE SHORT WAVE BANDSBy James J. Hart

Charles S. Sutton, Toledo, Ohio, forwards the following record of his recent observations on the short waves. The list includes several catches in the excellent category and it should be of real help to those members of the Club who are partial to the higher frequencies:

<u>Mcs.</u>	<u>Station, Location, Time (EWT), Etc.</u>
21.470	GSH, London, General Overseas Programs from 7:45-11:30 A.M.
18.135	JBC, Djarkarta, Java, from 9 to 10:30 P.M.
15.310	Radio Singapore, program to the USA which includes music, news and prisoner-of-war messages. Heard from 6 to 7:30 P.M. Leaves the air with "Americans, Good Bye".
15.225	JLT3, Tokyo, in parallel with JYU3, 11.897 mcs., broadcasts news in English at 6:20 and 7:20 P.M.
15.115	HCJB, Quito, Ecuador, (also on 12,455 and 9.958) from 3:30-7:30 P.M.
12.000	WVAM, Leyte, Philippines, 2:25-250 P.M. (A good catch! J.H.)
11.970	Radio Brazzaville, French Equatorial Africa, program of news in French from 1 to 1:30 A.M.
11.848	HI3X, Trujillo City, Dominican Republic, is on this frequency during the evening. Broadcasts on 12.110 mcs. from noon to 1 P.M.
11.770	DJO, Berlin, from 7:15-9:45 A.M.
11.405	Radio Dakar, French West Africa, in parallel with 8.840 mcs. 2:45-5:15 P.M.
10.730	Kenya, Nairobi station VQ7LQ, 11 A.M.-12:30 P.M. English announcements.
9.870	CR7BE, Mozambique, Portuguese East Africa, has a daily schedule of 2:30-4:35 P.M. News in English from 3:49-3:56 P.M.
9.740	CSW7, Lisbon, Portugal, now on from 9-10 P.M.
9.705	Radio Martinique, heard from 6:30-7:15 P.M.
9.615	VLC6, Shepparton, Australia, in parallel with VLG, 9.580; VLG2, 9.540 and VLI9, Sydney, 7.280 mcs. from 10:15-10:45 A.M. English news at 10:15 A.M.
9.535	SBU, Stockholm, Sweden, 2:30-3 P.M.
9.500	XENW, Mexico City, calls CI4A, receiving station, New York for relay at 7:10 P.M. Walt Disney Premier Program. Begins at 7:30 P.M.
9.465	TAP, Ankara, Turkey, program to the U.S. in English from 4:25-4:45 P.M. December 24.
9.320	LRS, Buenos Aires, Argentina, 8-11 P.M.
9.185	Bern, Switzerland, 5:20-6:10 P.M. to South Africa.
9.125	HAT4, Budapest, Hungary, is not being heard.
9.120	Unidentified announcing as Radio Borneo with music and talks in several foreign languages. Heard from 6-7 P.M. QSA4-R6. Some fading. No English heard yet. Will try to get more data on it. (If correct, this is one of the best catches in months. J.H.)
9.095	Radio Angola (NEW) from 3:45-4:30 P.M. Good signal. (A good one! J.H.)
9.025	PRJ4, Piquiri, Brazil, Radio Encadorea do Brasil, Saturday and Sunday from 5-7 P.M. Formerly on 4.825 mcs.
8.075	WEZ and WEC, 8.930 mcs., Call Cairo, Egypt at 4:45 P.M.
7.280	DX25, Berlin, from 2:30-4 P.M.
6.100	XGAP, Peiping, China, with Home Service Program from 9-10 A.M. Heard for the first time. Fair signals. (An excellent catch! J.H.)

Cpl. Harold L. Hutton, San Diego, Calif., writes: "From the November 10, 1944 London Daily Express I note the General Forces Programs are from 6 A.M. to 11 P.M. and the Home Programs are broadcast from 7 A.M. to 12:30 A.M. next day, London Time".

"DOWN UNDER" SW OBSERVATIONSBy Arthur T. Cushen, New ZealandAustraliaAll Time is EWT

VLC4 15.315 mcs. and VLG3, 15.16 mcs., broadcast messages to the Far East from 7-8 P.M. VLC4 has a 15-minute news service for the Philippines daily at 8 P.M.

VLC6 9.615 mcs., Shepparton, broadcasts the Philippine Hour from 5-6 A.M.

VLG7 11.84 mcs. carries the North American Service from 1:10-1:40 P.M.

VLG3 11.47 mcs., and VLC-4 broadcast a daily service for Allied forces in the North from 9:45-10:45 P.M.

Latest Australian Schedules

VLG3 11.71 mcs., 9:45-10 P.M.; 1:10-1:40 A.M.; 1:55-2:40 A.M. (French); 2:45-3:25 A.M. (Britain); 3:30-3:55 A.M. (French); 11-11:45 A.M. (USA).

VLC2 9.68 mcs., 3:30-4:30 A.M. (Japanese);

VLG 9.58 mcs., 10:15-10:45 A.M. (Asia).

VLI6 9.59 mcs., 2:45-3:25 A.M. (Britain); 5-5:30 A.M. (Britain)

VLC6 5-6 A.M. (Philippines); 6:15-7:45 A.M. (Asia); 8-8:45 A.M. (USA); 9-10:45 A.M. (Asia)

VLW6 Perth, National Program from 6:30-11:30 A.M. (BBC news at 7 A.M.)

VLQ 7.24 mcs., Brisbane, Home Programs 4-8:10 P.M.; VLQ3, 9.66 mcs., 9:45 P.M.-3:15 A.M.; VLQ2, 7.215 mcs., 3:30-9:30 A.M.

Ceylon

ZOJ 11.81 mcs., Southeast Asia Command Headquarters, Colombo, Ceylon, is heard at good strength beginning at 6:30 A.M. daily. Relays programs from Delhi, India; takes local broadcasts after 7:30 A.M. with news in English at 8:15 A.M., followed by a program of news and music in Malay at 8:30 A.M. Broadcasts BBC news at 11 A.M.

ZOJ 15.28 mcs., signs off at 2:40 A.M. and announce they will re-open on 11.81 mcs. at 10:30 GMT.

Radio Colombo, 4.90 mcs., has BBC news at 11 A.M. Good signal. Signs off with "Good Night" at 12:30 P.M.

China

Radio Shanghai, formerly XHHA-XGRS, presents program of news and prisoner-of-war messages for Australia from 11 P.M.-midnight; is also on from 7-8 A.M. with news at 7:30 A.M. and messages at 7:50 A.M. POW messages by Allan Wyman (XHHA)

XGOY 11.90 mcs., with news for Australia at 6 A.M.

Fiji Islands

VPD2 Suva, 400 watts, now broadcasts Sunday to Thursday from 4:10-5 P.M. and Sunday, 1:55-5:30 A.M. and Tuesday, 4-5 A.M. (Fijian)

Dutch New Guinea

XBC Contacts the NBC, Blue and ABC for network programs. XBC, 15.26 mcs., is heard at 7:15 P.M.; XBC, 14.52 mcs., for NBC at 6:30 P.M.

French Indo China

Radio Saigon, 11.775 mcs., news at 6:30 A.M. and at 10:45 A.M. Broadcasts especially for Australia and New Zealand from 7:10-7:45 A.M.-news, commentaries and POW messages from men in Thai camps.

Hong Kong

Opens up at 7 A.M. with news; English program until 8 A.M. Heard with news in English again at 9 A.M.

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As a special favor to your pinch-hitting SW editor, it will be appreciated very much if all members will monitor Germany while they broadcast prisoner-of-war programs and listen for these names:

Pvt. John Duffy of West Orange, N.J., serial No. 42103462, last reported with the First Army in Germany. Pvt Duffy is now listed as missing in action. If you hear his name mentioned over the air, kindly try to get the camp to which he might be assigned and notify me at once at 617 Grove Street, Irvington, N.J.

Sgt. Edward M. Laning of Irvington, N.J., serial No. 32060392. Sgt. Laning is a son-in-law of Director John W. Reichert; he is also believed to be in Germany now. In the event you hear anything with regard to Sgt. Laning you may contact me or write directly to Director Reichert at 69 Durand Place, Irvington, N.J. You have my assurance that your co-operation in trying to obtain news of both men will be gratefully appreciated by their families and by me.

Mcs.	Station	Location	Operating Hours (EWT), Etc.
18.600	OCC2	Lima, Peru	heard at 11:06 A.M. working HJY2, Bogota, 18.350 mcs. in English before switching to scrambler. Both frequencies are approximated. (Cpl. Earl R. Roberts)
18.130	----		A weak station heard here January 16 at 10:15 A.M. with man talking and with a few musical notes too weak to identify. (Gil Harris, Mass.) This could be Batavia as the higher frequencies are now building up during the day. (Hart)
18.080	GVO	London	broadcasts a musical program for service men every Sunday from 1:30-1:45 P.M. when signoff occurs. (Harris)
17.820	AFHQ	Allied Force Headquarters in Italy	is using 2R08's old frequency and sends press reports to New York from 10:15-10:29 A.M. Announced a call which sounded like JIM. Signal R9 plus. (Harris)
15.225	JLT3	Tokyo, and JYU3	11.897 mcs., heard with good signals at 7:20 P.M. when it broadcasts an English program. (Roberts)
15.130	KGEX	San Francisco, Calif.	logged signing on at 10:59 A.M. The news in English, was given at 11 A.M. (Harris)
13.345	VVQ		Location unknown, heard calling WSC7, the latter at Miami, Fla., but whose frequency is unknown. (Charles S. Sutton, Ohio)
12.320	----		An unknown station heard on this approximated frequency December 16 at 10:05 P.M. with musical program. Can anyone help with the identity of this one? (Harris)
12.265	----	Radio Center, Moscow	logged January 14 from 11:05-11:18 A.M. with news in English. (Harris)
12.250	----		An unidentified station heard December 17 at 12:55 A.M. with a girl talking and at 12:58 A.M. with a man talking after which the station either faded rapidly or signed off. This is also an approximated frequency. Anyone know its identity? (Harris)
11.900	CXA10	Montevideo, Uruguay	heard VFB at 10 P.M. daily. Usually signs off at 10:15 P.M. (Harris)
11.695	HPA5	Panama City, Panama	at 7 P.M. with very good signals. (Harris)
11.040	CSW6	Lisbon, Portugal	can be heard daily with a good signal between 3 and 6:30 P.M. (Harris)
10.450	----		Unidentified French-speaking station from 12:30-1 P.M. Signoff at 1:01 P.M. Broadcast a musical program with French announcements such as "Allo, allo, ici pay twa -- kilocik." Any help on this one will be appreciated. (Roberts)
10.338	HEO4	Born, Switzerland	broadcast a news period in English January 14 from 3:48-3:55 P.M. (Harris)
10.280	PJY9	Curacao	calling Ciudad Trujillo and WDF. A girl announced in English at 9:20 A.M. (Roberts)

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HIGH FREQUENCIES

(Continued from Page 5)

Mcs.	Station	Location	Operating Hours (EWT), Etc.
9.820	GRH	London	heard in parallel with GVZ, 9.640 mcs.; GSB, 9.510; GSD, 11.750; CSL, 6.110 and GRW, 6.150 mcs. with news in English at 6:45 P.M. The last two stations mentioned above were again heard at 10:45 P.M. with news. (Harris)
9.785	----	Radio National Belge	Leopoldville, Belgian Congo, broadcasts news in English at 8:15 P.M.
9.660	HHBM	Port-au-Prince	Haiti, heard at 1:50 P.M. with musical program. (Harris)
9.630	CFCX	Montreal	Quebec, uses this frequency for daytime transmissions. Signals are very good during the afternoon. (Harris)
9.615	TIPG	San Jose	Costa Rica, can be heard throughout the entire day. This station signs on at 8:30 A.M.
9.525	GWJ	London	heard signing off at 10:30 A.M. It broadcast a program in Dutch. (Cpl. Earl R. Roberts, Casper, Wyo.)
9.465	TAP	Ankara	Turkey, with Mailbag Program No. 10 at 4:30 P.M. Speech was in English at 4:41 P.M. Featured a program in a strange language between 4:42 and 4:58 P.M. Faded badly. Heard Mailbag Program No. 12 January 14. (Harris)
9.440	----	Radio Brazzaville	Free French Africa, with program for Europe and the British Isles from 6:25-8:25 P.M. GMT, or from 2:25-4:25 P.M. EWT. (Roberts)
9.220	HI2G	Trujillo	Dominican Republic, broadcasting a musical program with very good signals at 11:06 P.M. (Harris)
7.490	----	A Granada (Nicaragua)	station logged at 9:15 P.M. VFB. It could be YN2FT whose frequency is 7.500 mcs. but who could possibly have drifted. (Harris)
7.420	----	Radio Atlantik	(location unknown) heard at 3:15 P.M. with news in German. This station is used in parallel with one on 7.020 mcs. Was R7. (Roberts)
7.210	----	Radio Dakar	Senegal, heard on this frequency with news and music from 5 P.M. to signoff at 5:13 P.M. This is a new frequency for Dakar. (Harris) Nice going, Gil. (Ed.)
	----	An unknown station	heard at 9:50 P.M. December 16, badly interfered with by an aircraft station. Any help on this one? (Harris)
7.070	----	Radio Atlantik	(another new one for Gil!) in parallel with stations on 7.420, 6.212 and 9.800 mcs. Broadcast news in German and musical program at 5:23 P.M.
7.017	----	Ponta Delgada	Azores, heard January 14 from 4 to 5:01 P.M. Chimes were sounded at 5 P.M. Excellent signals. (Harris)
7.000	YNBO	Boaco	Nicaragua, logged with excellent signals at 9:48 P.M. This is a new frequency. The old one was 6.980 mcs. (Harris)
6.200	YV6RV	Cuidad Bolivar	Venezuela, heard R9 at 11:45 P.M. (Harris)
6.190	DXG	Berlin	DXQ, 6.170 and DXP, 6.030 mcs. have news period in English at 10 P.M. and also at midnight. All three stations' signals were good. (Harris)
6.180	HJCT	Bogota	Colombia, excellent at 11:55 P.M. (Harris)
6.170	DXQ	Berlin	new station, logged December 16 at midnight with news in English. At 12:13 A.M. gave the names of five prisoners of war; at 12:18 A.M. gave the names of U.S. soldiers who made the supreme sacrifice in October and November and at 12:26 A.M. broadcast prisoner-of-war messages. Then at 12:30 A.M. gave the call as "Berlin" This is a new call and frequency and the only overseas station heard on this date. Due to sunspots none of the overseas stations was audible. (Harris) Nice going again, Gil! (Ed.)

(Continued on Page 8)

HIGH FREQUENCIES(Continued from Page 6)

<u>Mcs.</u>	<u>Station</u>	<u>Location</u>	<u>Operating Hours (EWT)</u> , <u>Etc.</u>
6.160	HCJD	Bogota, Colombia,	heard R9 plus with music at 11:45 P.M. (Harris)
6.110	KRHO	Hawaii,	a new station and a good one! can be heard daily beginning at 8 A.M. Employed as a U.S. propaganda station, KRHO seems to be beamed upon the Orient. Signals are weak here reaching but R5 at best. (Hart)
	GSL	London and GRD,	6.010 mcs., logged at 12:30 A.M. with news in English. (Harris)
6.100	KROJ	San Francisco,	with program for the southwest Pacific area at 9 A.M. (Hart)
6.018	HCJX	Bogota, Colombia,	R9 at 11:55 P.M. with musical program. (Harris)
5.985	HI3U	Santiago, Dominican Republic,	heard at 7 P.M. with excellent signals. This is a new frequency. HI3U previously operated on 6.015 mcs. (Harris)
5.945	PCJ1	Willenstad, Curacao,	heard signing off at 12:35 A.M. On another occasion this station signed at 10:31 P.M. (Harris)
5.875	HRN	Tegucigalpa, Honduras,	logged signing off at 12:02 A.M. (Harris)
5.790	----	An unknown station on this frequency	at 5:33 P.M. January 14. Did anyone else hear it? A musical program was presented at the time. (Harris)
5.620	OAX2A	Trujillo, Peru,	logged December 17 at 12:46 A.M. (Harris)

AUSTRALIAN FREQUENCIES (SHORT WAVE)

The Australian News and Information Bureau, 610 Fifth Avenue, New York, issued the following schedule of that country's SW stations in Melbourne and Shepparton and the frequencies currently in use:

<u>Melbourne</u>			<u>Shepparton</u>		
<u>Station</u>	<u>Meters</u>	<u>Mcs.</u>	<u>Station</u>	<u>Meters</u>	<u>Mcs.</u>
VLG	31.32	9.58	VLC2	30.99	9.68
VLG2	31.45	9.54	VLC4	19.59	15.315
VLG3	25.62	11.71	VLC5	31.45	9.54
VLG4	25.35	11.84	VLC6	31.20	9.615
VLG6	19.69	15.23	VLC7	25.35	11.84

MONITORING THE SHORT WAVE BANDSBy James J. Hart

A monthly resume of short wave observations at Toledo, Ohio, submitted by Charles S. Sutton, contains as usual, several outstanding and difficult catches. They would enhance the log of any dialer of the higher radio frequencies:

<u>Mos.</u>	<u>Station</u>	<u>Location</u>	<u>Operating Hours (EWT)</u>	<u>Etc.</u>
18.450	HBF	Geneva, Switzerland,	11:15 A.M.-12:30 P.M.	English at 11:15 A.M.
18.160	PMA	Bandoeng, Java,	broadcasts native music from 8-9 A.M.	and can be heard until WNRA, same frequency, comes on the air.
17.820	AFHQ	Italy,	from 11:10-11:45 A.M.	Also uses call JJKM at sign-off.
17.640	VLN4	Sydney, Australia,	calls KWU at 3-15 P.M.	
15.315	VLC4	Shepparton, Australia,	from 7-8 P.M.	
15.225	JLT3	Tokyo, Japan,	operates from 11 P.M.-1 A.M.	
13.060	NFM	Hawaii,	tests with recorded music from 4:30-8 P.M.	Is asking for listeners' reports which should be addressed to Fleet Headquarters, 13th Naval District. (One of the best in a long time. Ed.)
12.000	CSW ?	Lisbon, Portugal,	from 8-10 A.M.	
11.950	KKQ	Hawaii,	calls NCNB, Guam, 7.330-7.400 mcs,	at 8 P.M.
11.940	WVO	Seattle, Wash.,	calls WXA-?, Alaska,	at 7.25 P.M.
11.687	----	Brazzaville,	French Equatorial Africa,	from noon-12:30 P.M.
11.680	XBC	Dutch New Guinea,	calls San Francisco every Sunday at 7:50 A.M.	(Charles, I'd swap a lot of mine for this one. Ed.)
11.040	CSW6	Lisbon, Portugal,	from 3-6:30 P.M. and from 6:30-8:45 P.M.	
10.810	EPF	Teheran, Iran,	calls New York for Army Hear broadcast at 1 P.M.	
9.970	----	Le Poste de Region de Radio Club,	French Equatorial Africa (NEW)	has a musical program at 4 P.M. Broadcasts the news in English at 4:45 and 5 P.M. (Another nice one. Ed.)
9.735	CSW7	Lisbon, Portugal,	R8 from 9-10 P.M.	
9.543	XEFT	Mexico City,	heard from 1-2 A.M.	
9.525	JLU2	Tokyo,	has news in English from 9-9:20 A.M.	
9.100	ICA	Naples, Italy,	with war news from 1-1:20 P.M.	
8.500	WVAV4	Leyte, Philippines,	U.S. Signal Corps station in the Pacific,	calls NBC for bulletins 3-3:35 P.M. (This is a new call and frequency and an excellent catch in the afternoon. Ed.)
8.150	CSW ?	Lisbon, Portugal,	native music from 3-:45 P.M.	
8.025	FXE	Beirut, Syria,	"Radio Levant", peaks signals from 4:55-5:15 P.M.	(Another excellent catch. Ed.)
7.795	WVRC	Leyte, Philippine Islands,	"Voice of Freedom", sends news dispatches 8-9 A.M.	
7.090	YI5KG	Radio Baghdad, Iraq,	10-10:30 A.M. Weak signals. (Congratulations on this one, Charles. How I'd like to have it! Ed.)	
7.000	YNBO	Boaco, Nicaragua,	7-10 P.M.	
6.005	HP5K	Colon, Panama,	new in English from 11-11:15 P.M.	
6.000	ZFY	Georgetown, British Guiana,	new in English from 7-7:12 A.M.	
5.945	ZRD	Durban, South Africa,	heard from 10-11 A.M.	
5.890	NCD	Paris, France,	with war news for CBS from 6:30-6:45 P.M.	
	DAX4P	Lima, Peru,	"Radio Nacional de Peru", is on the air throughout the evening until 11:45 P.M.	
5.570	XEAM	Matamoros, Mexico,	every evening at 7 P.M.	

TRANS-PACIFIC SHORT WAVE OBSERVATIONSBy James J. Hart

Paul Dilg, Monrovia, Calif., at the request of your acting short wave editor, very kindly compiled the following list of Asiatic and Trans-Pacific stations that are heard quite regularly on the West Coast. This is Paul's initial contribution to the SW section of our bulletin. We are appreciative of the excellent information he has imparted to us on this occasion:

Mcs., Station, Location, Operating Hours, Etc.

- 18.135 JBC Java, comes on the air at 9 P.M. and signs off at 10:30 P.M. Program is entirely in English.
- 15.440 PIRN Manila, Philippines, is no longer using 15.32 mcs. and has shortened its program. PIRN now comes on the air at 8 P.M. and signs about 8:45 P.M. News from 8-8:15 P.M. Balance of program is musical with final announcements at 8:30 P.M.
- Radio Shonan, Malaya (formerly Singapore), is beamed upon the U.S.A. from 6-7:30 P.M. with speech in English. Prisoner-of-war messages are heard at 6:30 and 7:25 P.M. Announce frequency as 15.350 mcs. but this is in error. Relays PIRN from 8-8:40 P.M. Also has a transmission from 9-9:40 P.M. Woman announcer.
- 15.320 PIRN Manila, heard again from 7-9 P.M. in English and with propaganda. Also prisoner-of-war messages and music.
- 15.315 VLC4 Australia, heard signing on at 6:30 and in Japanese until 7 P.M. Then for an hour, messages to prisoners of war in Burma are broadcast. VLC4 is used to transmit 15 minutes of American news to the Philippines at 8 P.M.
- 15.225 JLT3 Tokyo, from 6:15-8:15 in parallel with 11.897 mcs. and with a broadcast for our East Coast.
- 15.190 VUD5 Delhi, India, transmits at 10:40 P.M. Opens with messages to prisoners of war held by the Japs. Announces on 15.350, 15.190, 11.870, 11.830, 11.805, 11.790 and 7.235 mcs. The transmitter on 15.190 mcs. leaves the air at 11:45 P.M. Announcer stated they would return at noon, India Time, which would be 1:30 A.M. EWT. (India is on Summer Time which is 10 1/2 hours ahead of EWT). On Sunday (Saturday in the U.S.), I believe they sign at 10:50 P.M. on 15.190 mcs.
- 15.160 VLG7 Australia, Home Service from about 3:50-6 P.M. Rather weak.
- 15.135 JLU3 Tokyo, irregularly, opening up at 7:30 P.M. and fading or leaving the air at 10 P.M.
- 11.897 JVU3 Tokyo, from 6:15-8:15 P.M. and from 11 P.M.-4 A.M.
- 11.840 VLC7 Australia, 10:10-10:45 P.M.
- 11.775 ---- Radio Saigon, French Indo-China, heard at 10 A.M. and until 11:30 A.M. News at 10 and 10:45 A.M. Also has an afternoon transmission and one in the evening from 7-7:50 P.M. Native and French.
- 11.720 JVW Tokyo, from 9-10:40 A.M. and from 11 A.M.-2:40 P.M.
- 9.680 VLN6 Australia, from 7-11:30 A.M. QRM from Mexico at times.
- 9.655 JLS Japan, in parallel with JLG on 7.285 mcs.
- 9.646 XGOY Chungking, China, leaves 6.135 mcs. at 11:40 A.M. and is on this frequency until about noon.
- 9.635 VUD6 India, with news at 7:30 and 10:50 A.M. and the BBC at 11 A.M.
- 9.615 VLC6 Australia, 8-8:45 A.M. and from 11-11:45 A.M.
- 9.555 ---- Radio Shonan from 6 A.M. to about 12:30 P.M.
- 9.535 JZI Tokyo, 9-10:40 A.M.; 11 A.M.-2:40 P.M. and from 11 P.M.-4 A.M.
- 9.465 JZHA Hong Kong, from 7-9:30 A.M. News at 9:00 A.M.
- 7.300 VUD5 India, from 7:30-10:30 A.M. News at 9:30 A.M.
- 7.295 VUD India, heard between 9 and 10 P.M.
- 7.285 JLG Japan, from about 6 A.M. to signoff at 9:45 A.M., in parallel with JLS on 9.655 mcs.

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PAUL DILG'S REPORT - Cont.

Mcs.	Station	Location	Operating Hours (EWT), Etc.
7.275	VUD5	Delhi, India	one of the most consistent of the Indian stations, heard as early as 7:30 A.M. and until 10 A.M. News at 7:30 and 9:30 A.M. It is also one of the best during the evening from 9-10 P.M., with news at 9:45 P.M. Can be heard in the East about 4 P.M. and in the West, although weakly, at 12:15 P.M.
7.257	JWV	Tokyo	signs on at 8:30 A.M. and off at 10:40 A.M. Directed on the Philippines. Returns to the air at 11 A.M. and until 2:40 P.M. is beamed upon North America.
7.240	VUD8	India	mornings beginning at about 10. News at 10:50 A.M.
7.220	JCJC	Cairo, Egypt	with fair signal from 10 A.M. until noon.
7.215	VUD6	Delhi, India	from 9-10:30 P.M. News at 9:45 P.M.
	VLQ2	Australia	from 3:30-9:30 A.M. Fairly good signals.
7.150	XGOY	Chungking	in parallel with 6.135 mcs. Signals rather erratic.
6.190	JLT	Japan	heard as early as 7:40 A.M. with news in English. Signs at 8:15 A.M. Returns at 8:30 A.M. and is on until 10:40 A.M. Also from 11 A.M.-2:40 P.M. News at noon and 2 P.M.
	VUD7	Delhi, India	good signals but jammed by JLT, Japan, on same frequency. Can be heard when the Jap leaves the air for 20 minutes between 10:40 and 11 A.M. Evening transmission at 8:30 P.M. for Armed Forces with BBC news at 9 P.M. Good signal but QRM'd at times by DXG, Germany. Signs off at 10 P.M.
6.150	VUD	Delhi, India	one of the best during the morning. Comes on at 10:15 A.M. News at 10:50 A.M. BBC news at 11 A.M. Fades about 12:30 P.M.
6.140	FIQA	Tananarive	has moved here from 6.17 mcs. with a better signal. Schedule- weekdays from 11 A.M.-noon; Sundays, 10 A.M.-noon.
6.135	XGOY	Chungking	has moved again. Same schedule but goes to 9.645 mcs. at 11:40 A.M.
6.120	KRHO	Hawaii	Schedule- 4 A.M.-noon, directed to Japan, Formosa, Indo-China, Manchukuo and Korea. Employs English, French, Japanese and various other languages.
5.770	ITCY	Hsingking, Manchukuo	Schedule- 9-11 A.M. News at 9:30 A.M. Transmits in parallel with ITCY on 6.125 mcs. on same schedule. Signal is stronger on 5.770 than 6.125 mcs.
6.065	VUD?	Delhi, India	replaces VUD3 on 6.060 mcs. Heard fairly good from 9-11:30 A.M. Chiefly native programs.
4.960	VUD2	Delhi, India	Fair signal. News at 9:30 and 10:50 A.M. BBC news at 11 A.M. Fades shortly thereafter.
4.900	----	Colombo, Ceylon	active at present with fair signals. Heard as early as 9:30 A.M. BBC news at 11 A.M. Clock chimes at 10:30 A.M. followed by the announcement "This is Colombo"
4.810	----	Radio Saigon	French Indo-China, is very reliable both in Summer and in the Winter with good signals. Schedule-6:45-9:30 A.M. but is occasionally on until 9:50 A.M.
3.495	VUD2	Delhi, India	audible with fair signal beginning at 9:30 A.M. English at 9:30 and 10:50 A.M.
3.365	VUB2	Bombay, India	is not as reliable as VUC. Is usually heard from about 9:30 A.M. until after 11 A.M.
3.305	VUC2	Calcutta, India	is audible with fairly good signal beginning at 9:30 A.M. and after 11 A.M.

HIGH FREQUENCIESBy James J. Hart

With the coming of Spring the Asiatic and Australian stations should soon be changing frequencies so be on the lookout for them on the higher frequencies. My appreciation this month goes to Gil Harris and Paul Dilg for their very excellent co-operation. Both are doing a grand job helping me with our short wave section. Charles Sutton, because of an injured hand, has been unable to contribute. I am sure all SW fans will miss his fine tips in this issue and that they will join with me in expressing hope for his complete and speedy recovery.

A tip from Paul Dilg. Delete all Jap-controlled stations in the Philippines as a result of our capture of Manila. Previously they were on 6.140, 9.640 and 15.320 mcs. Also the Shonan relay on 15.440 mcs. that emanated from the Philippines between 8 and 8:40 P.M. MTCY has moved from 6.125 to 6.035 mcs. and now has a better signal. The same schedule is still in effect 4-11 A.M. in parallel with 5.710 mcs. News at 9:30 A.M. These Manchukuo stations may become important if Japan should move to the Asiatic mainland.

Will you SW monitors add the name of Lt. Donald Campbell, Jr., O-803773, 425th Bomb. Sqdn., 307th Bomb. Grp. to your list of missing Americans and notify me at 607 Grove Street, Irvington, N.J., if his name is mentioned on any prisoner-of-war broadcasts? Thanks a million for this!

Mcs. Station, Location, Operating Hours (EWT), Etc.

18.135	JBC	Java, announced with JANX on 12.275 mcs. However, JBC was not heard on the West Coast as the higher frequencies do not open up early at this time of the year. (Paul Dilg)
17.840	----	Radio Eire, Athlone, Irish Free State, heard VFB at 1:46 P.M. with news in English and a few sports results. Signed off at 1:56 P.M. (Gil Harris)
15.450	GRD	London, in parallel with GWE, 15.435 and GWC, 15.070 mcs., heard signing on at 11:30 A.M. Also heard GSU, 7.260 and GRJ, 7.820 mcs. signing on at 9 P.M. with news in English. (Harris)
15.440	----	Radio Shonan drifts from 15.440 to 15.450 mcs. and is never on the announced frequency of 15.360 mcs. Is badly QRM'd by automatic CT and while its schedule is from 6-7:30 P.M. is seldom heard before 7 P.M. A transmission in English is directed to India from 9-9:40 P.M. (Dilg)
15.325	PIRM	Manila, Philippines (not much longer, I hope), with prisoner-of-war messages and news in English at 7:30 P.M. nightly. Signs off at about 7:50 P.M. to start up again with music and news at 8 P.M. Reception on February 20. (Hart)
15.230	----	Moscow, U.S.S.R., for evening transmissions uses these frequencies: 15.230, 11.880, 11.950 and 7.300 mcs. The 15.230 mcs. frequency is the best. Heard from 6:48-7:25 P.M. (Hart)
15.155	SBT	Stockholm, Sweden, heard on several occasions at 8 A.M. relaying news to CBS for rebroadcast. (Hart)
15.130	KGEX	San Francisco, is now employing this frequency. Broadcasts news in English at 4 P.M. Another San Francisco station, KROJ, is using the 15.190 mcs. channel at the same time. (Harris)
15.120	----	"The Third Army Station" somewhere in Europe, calling WEC, 8.930 mcs., New York, at 6 P.M. with material to be recorded for the networks. Excellent signal. (Hart)
15.110	DJL	Berlin, Germany, heard signing on at 11:20 A.M. with program for Africa. Also heard DJW, 9.650 mcs., signing off at 5:30 P.M. (Harris)
12.275	JANX	Java, from 8:25-8:50 P.M. Can also be heard during the morning from 11:25 A.M. to sign-off at 12:10 P.M. JANX's complete schedule is not known. (Dilg)

(Continued on Page 6)

HIGH FREQUENCIES

(Continued from Page 5)

Mcs.	Station	Location, Operating Hours (EWT), Etc.
12.115	ZNR	Aden, Arabia, heard signing off in English at 1:17 P.M. Signals were 10 DB above S9. (Harris)
11.970	----	Radio Brazzaville, Free French Africa, on daily with news in English from 4:45-4:55 P.M. Broadcasts news in French at 7 P.M. and again in English at 7:25 P.M. (Harris)
11.860	GSE	and GSD, 11.750 mcs., London, presents the news in English at 3 P.M. (Harris)
11.680	GRG	London, logged at 12:30 P.M. with program for Turkey. (Harris)
11.642	----	Leningrad, U.S.S.R., from 10:30 A.M. to 12:30 P.M. when it signed off. Excellent signals. (Harris). Heard here every Sunday as early as 9:30 A.M. with programs in Spanish, French and various other languages. Announces as Lenin-Moscow. (Hart)
11.040	CSW6	Lisbon, Portugal, at 1:57 P.M. with music. Good signal. (Harris)
10.340	----	Bern, Switzerland, with excellent signals until 4:15 P.M. sign-off. Stated they would return to the air at 9:30 P.M. but did not mention the frequency. (Hart)
10.055	----	Voice of the United Nations from 3-3:15 P.M. with news in English. Signed off at 3:30 P.M. Could this be SUV, Cairo? (Harris)
10.010	WJQ	New York, calling a PX in Belgium at 3:40 P.M. Press Wireless WEE and NBC, all in New York, heard talking to PX (frequency unknown). Sign-off at 3:50 P.M. (Harris)
10.005	----	Voice of Free Arabs heard with good signals daily from 2:15-2:28 P.M. and from 3:15-3:27 P.M. (Harris)
9.897	WBOS	Boston, on daily at 5:30 P.M. This is a new frequency for Boston. (Harris)
9.855	WNRA	New York, heard signing on at 2:14 P.M. (Harris)
9.735	CSW7	Lisbon, Portugal, 40 DB above S9 from 9-10 P.M. (Harris)
9.730	XGOA	Chungking, China, is now in parallel with 5.910 mcs. the latter approximate. News in English at 10 A.M. The 9.730 mcs. frequency heard after 11 A.M. (Dilg)
9.710	CR7BE	Lourenco Marques, Mozambique, from 3:40-3:51 P.M. with news in Portuguese. Relayed British Press news in English for five minutes at 3:51 P.M. Musical program followed until sign-off at 4:31 P.M. Excellent signal- 40 DB above S9 on NC-200. (Harris) Also heard here and it sounds like a new transmitter. (Hart)
9.705	----	Radio Martinique, Fort-de-France, Martinique, now uses the slogan "Voice of the Fighting France in the West Indies". Gives news in English every Tuesday and Saturday from 7:15-7:30 P.M. Excellent signal. (Harris)
9.675	DJX	and DXR, 11.760 mcs., Berlin, heard with news for Africa at 2:30 P.M. (Harris)
9.615	VLC6	Shepparton, Australia, daily with excellent signal at 11 A.M. for western North America. VLC5, 9.540 mcs., is now used for the eastern North America transmission at 8 A.M. (Harris)
9.610	----	"Algiers", new frequency, relaying Voice of America programs to BBC during the afternoon. Excellent signals. (Hart)
9.555	----	Radio Shonan, formerly Singapore, heard here at the almost unbelievable hour of 4:30 P.M. with an all-English program for Europe. This consisted of news, talks and popular dance selections. Shonan reached a signal strength of R9 at 5:10 P.M. (Hart)
9.540	VE9AI	Edmonton, Alberta, logged signing on at 10:15 A.M. Announcer said CJCA was being relayed and that the time was 8:15 A.M. Good signals and plenty of advertising. (Hart)

(Continued on Page 8)

HIGH FREQUENCIES

(Continued from Page 6)

<u>Mes.</u>	<u>Station</u>	<u>Location, Operating Hours (EWT), Etc.</u>
9.465	TAP	Ankara, Turkey, broadcasts a program for England every Thursday at 4:30 P.M. (Harris)
9.440	----	Radio Brazzaville, Free French Africa, presents the news in English from 4:46-4:57 P.M. daily. (Harris)
9.340	PJY	Willemsted, Curacao, heard calling WGS at 4:15 P.M. (Harris)
9.100	ICD	Somewhere in Italy, heard at 4:33 P.M. talking to WQW, 10.600 mes. (Harris) ICD uses this frequency and a new one of 8.350 mes. for Army Hour programs. (Hart)
9.082	CNR	Rabat, Morocco, heard signing Sundays at 3 P.M. with news in French. Announces as "Ici Maroc". (Harris)
8.550	----	Radio Tevere, Italy (German-controlled), signed off at 2:45 P.M. playing the Fascist hymn. (Hart) Also heard signing off at 9 P.M. with good signal. (Harris)
8.500	WVAN4	Location unknown but believed to be in the Pacific, heard talking to several Army outposts at 3:15 P.M. (Hart)
8.150	----	A station believed to be in Funchal, Madeira, an island owned by Portugal and located off the coast of Africa (Morocco). This station is heard only on Thursday at 4:30 P.M. and is thought to be relaying station CS2ZV on 14.110 mes. This is one of the outstanding catches of the season. Congratulations to Gil Harris!
8.020	FXE	Beirut, Syria, heard with excellent signal from 4:45-5 P.M. February 8. (Your editor checked on this one just for fun as he happens to have a veri from then which was received through the U.S. Consul at Beirut and believe me, Gil is correct. FXE's signal is much improved since I heard it. I listened until they signed off February 12 at 5:15 P.M. They read the news in French from 5:10-5:15 P.M. and signed off with the "La Marsellaise" and announced as "Ici Radio Levant, Voice of Fighting France!") (Harris)
7.950	----	An unknown station from 4:50-7 P.M. Had musical program. Announcements sounded like Spanish. This station has been on this frequency since last Summer. (Harris)
7.935	PSL	Rio de Janeiro, Brazil, heard VFB at 7:30 P.M. (Harris)
7.805	KNBA	No location given but believed to be in San Francisco. Announces as "This is the United States of America stations KNBA, 7.805, and KNBC on 9.700 megacycles." Program is made up of Chinese, Japanese and English items. (Hart) Heard later signing off. Location is San Francisco.
7.795	WVLC	Loyte, Philippines, heard at 8:50 A.M. Sundays playing the Navy's "Anchors Aweigh" and the Marines' "From the Halls of Montezuma to the Shores of Tripoli," preparatory to sending news to the networks. Excellent signal. On another occasion WVLC was heard calling WVLQ1, the latter's location not given. Then both stations relayed to NBC. (Hart)
7.270	DXM	Berlin, Germany, presents the news in English at 10 P.M. followed at 10:08 P.M. with five minutes of war messages. (Harris)
7.215	VLQ2	Brisbane, Australia, is putting in a nice signal at 8:30 A.M. At 9 A.M. gives the correct time as 11 P.M. Announcer stated they were relaying the state program. (Hart)
7.210	VUD6	Delhi, India, relaying an all-English program at 8:15 A.M. At 8:31 A.M. gave the correct time as one minute past 7 P.M. The program, in English, then continued. (Hart)
6.243	HIIN	Cuidad, Trujillo, Dominican Republic, logged signing off at 12:34 A.M. (Harris)
6.145	XGOY	Chungking, China, is using this frequency for morning transmissions along with 7.150 mes. at 7:35 A.M. The 6.145 mes. frequency is better. 11.905 mes. is used at 8 P.M. News in English at 8:30 P.M. followed by American dance music. (Hart) (Cont. on Page 10)

HIGH FREQUENCIES

(Continued from Page 8)

<u>Mcs.</u>	<u>Station</u>	<u>Location</u>	<u>Operating Hours (EWT)</u> , <u>Etc.</u>
6.140	XGOY	Chungking, China,	drifts around and tries various frequencies. Transmitted on 6.115 mcs. February 9 and then went back to 6.140. Goes as low as 6.135 mcs. sometimes. (Dilg)
6.130	JZH4	Japan,	now used in parallel with JLT, 6.190 mcs. Leaves the air at 9:30 A.M. Program is believed to be for Asia. (Dilg)
6.120	KRHO	Honolulu, Hawaii-	sechedule: 3 A.M. to 3 P.M. with break of 15 minutes at 11:15 A.M. Beamed upon the Philippines from 11:30 A.M.-3 P.M. Is on 17.800 mcs. during the afternoon. For China from 7 to 11 P.M. Balance of program is for Asia. (Dilg)
5.970	VONH	St. John's, Newfoundland,	heard with news in English from 5:30-5:45 P.M. daily. (Harris)
5.955	HH2S	Port-au-Prince, Haiti,	20 DB above S9 at 9 P.M. (Harris)
5.795	----	A station on this frequency	at 9:20 P.M. Unable to identify it because of CW interference. (Harris)
5.750	PZX3	Paramaribo, Surinamo,	heard signing off at 9:46 P.M. (Harris)
5.725	HCLPM	El Palomar, Quito, Ecuador,	with musical program at 9:25 P.M. (Harris)
4.700	ZQI	Kingston, Jamaica,	signed at 7:34 P.M. Is on the air daily beginning at 4:30 P.M. (Harris)
4.410	----	A man talking in an unknown language	on this frequency at 6:30 P.M. February 3. Can anyone help me on this one? (Harris)
4.020	----	Emissora Nacional Ponta Delgada, Azores,	VFB from 6-8 P.M. (Harris)

HIGH FREQUENCIES SUPPLEMENTBy James J. Hart

In the main section of the short wave notes I stated that because of an infected hand, Charles S. Sutton would be unable to send us a report this month. However, I am happy to be able to state that Charles is very much improved and has forwarded one of his best reports to date.

My appreciation to a new member, Rudolph R. Juett of Madison, Indiana, a personal friend of Earl R. Roberts, your regular short wave editor at present serving with the U.S. Air Force. We are happy to include in this supplement the initial report of Brother Juett. I know his fellow-members will welcome his excellent tips as much as I do.

<u>Mcs.</u>	<u>Station</u>	<u>Location</u>	<u>Operating Hours (EWT)</u> , <u>Etc.</u>
21.610	KNBX	San Francisco, United Network,	broadcasts from 10 A.M.-5:30 P.M. to Latin-America. Good signal. (Juett)
21.470	GSH	London, overseas service	from 7:45-11:30 P.M. Good signal. (Juett)
15.620	VRR	Stoney Hill, Jamaica,	heard with special transmission from 11:30 A.M.-1 P.M. (Sutton)
15.500	PX	Press Wireless, Belgium,	calls WJQ, 10.010 mcs. New York, from 3:30-3:50 P.M. Another Press Wireless station in Holland, uses the call PV. Its frequency is 15.880 mcs. and the New York contact is WCP on 15.565 mcs. PV is heard at various times throughout the afternoon. (Sutton) (Two very nice catches! Ed.)
15.230	----	Radio Center, Moscow,	with news in English at 7 P.M. This station also uses 11.950, 11.885 and 7.300 mcs. (Sutton)
15.220	----	Germany, employing the slogan "Arnhem Calling from Berlin,"	carries relays of General Forces of the BBC and AEF programs from 9 A.M.-4 P.M. Broadcasts its own programs from Berlin at 9:30 A.M. (Sutton)
15.155	SBT	Stockholm, Sweden,	broadcasts on this frequency Sundays only from 8-10:50 A.M. (Sutton)
15.115	HCJB	Quito, Ecuador,	now using this frequency during the afternoon in parallel with 12.455 and 9.953 mcs. (Sutton)
15.110	DJL	Berlin, in parallel with DZA, 11.535; DJD, 11.770 and DXW, 11.840 mcs.	carries the morning programs. Broadcasts from 9 P.M.-1 A.M. are handled by DXJ, 7.240; DXG, 6.190; DXD, 6.170 and at times by DXF, 6.030 mcs. (Sutton)
12.275	JANX	Djakarta, Java,	announces as Radio Djakarta Tokyo. English news bulletins are presented from 7-9 A.M. (Sutton)
12.235	TFJ	Reykjavik, Iceland,	heard the past four Sundays from 10-10:30 A.M. Opens with three announcements in Icelandic language which are preceded by three short bars of music. Man talks in Icelandic the entire half-hour. Signs off after playing the national anthem. Signals are strong. Not sure if TFJ is on daily because of inability to listen in during the week. (Juett)
12.040	GRV	London,	can be heard daily from 2-3 P.M. (Sutton)
11.905	XGOY	Chungking, China,	broadcasts the American Hour from Chungking at 8 P.M. News in English from 8:30-8:45 P.M. Signs at 9 P.M. (Sutton)
11.800	CE???	Santiago, Chile,	has a new transmitter. Can be heard between 6:30-midnight. (Sutton) Heard also but call not identified yet. (Juett)
11.705	CXA19	Montevideo, Uruguay,	heard signing off Sundays at 11:01 P.M. (Harris)
11.040	CSW7	Lisbon, Portugal,	news in English and dance music at 1:50 P.M. daily. (Sutton)
10.780	SDB2	Stockholm, Sweden,	from 2-3 P.M. daily. (Sutton)
10.338	HE04	Born, Switzerland,	heard from 4-4:16 P.M. and again from 7-7:40 P.M. with news in English. Good signal. (Sutton)
10.130	HH3W	Port-au-Prince, Haiti,	R8 from 7-11 P.M. (Sutton)
9.915	GRU	London,	has changed frequency from 9.455 mcs. Schedule is as follows: 8:15-11:15 A.M. and from 12:15-4:30 P.M. (Sutton)

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HIGH FREQUENCIES SUPPLEMENT

(Continued from Page 12)

Mcs. Station, Location, Operating Hours, Etc.

- 9.735 CSW7 Lisbon, Portugal, is heard one hour earlier now, from 8-9 P.M. when it is beamed upon the U.S.A. One of the best signals on the air. (Juett)
- 9.710 CR7BE Lourenco Marques, Mozambique; schedule from 3-4:30 P.M. News in English from 3:50 P.M. Also relays OWI programs. (Sutton)
- 9.705 ---- Radio Martinique, Fort-de-France, Martinique, with news in English Tuesday and Saturday from 7:15-7:30 P.M. Good signal. (Sutton)
- 9.610 KIL Algiers, heard from 4-6 P.M. under severe jamming. Announces every quarter-hour as "This is Algiers". Relays Voice of America and the BBC. Schedule is from noon-7:30 P.M. (Juett)
- 9.590 VUD4 Delhi, India; announces as being in Burma and the Far East service. Opens at 8:30 A.M. and is heard until 11 A.M. News in English at 7:45 and 9:30 A.M. (Juett)
- 9.520 ---- Paris Mondial, Paris, broadcasting on its pre-war frequency from 6-10 P.M. with fair signals. Woman announces as "Ici Parea". Announcement in English stated the transmission was for the U.S.A. and Canada. This station tested on 9.680 mcs. before moving to 9.520. Modulation is poor although carrier is good. Audibility is only fair. Also using 9.500 mcs. from 8-9:30 A.M. for French programs. Signals are weak and there is QRM at that time. (Juett)
- 9.082 CNR3 Rabat, Morocco, with good signals between 3-4:30 P.M. (Sutton) Advised by Juett that this frequency has replaced 8.188 mcs. A powerful carrier causes interference with CNR3.
- 9.040 ---- Radio Brazzaville, Free French Africa, signs on in English and French at 5:30 P.M. (Sutton)
- 8.905 COKG Santiago, Cuba, has moved here from 8.955 mcs. This station is worse than the Mexicans for changing frequencies. (Juett)
- 8.150 CS2ZV Funchal, Madeira Islands, is heard Thursday only from 3:25-4:20 P.M. This station was definitely identified. (Sutton)
- 7.830 ---- Radio Corso, Ajaccio, Corsica, has news in English from 6:10-6:25 P.M. Severe QRM from WLWI. (Sutton)
- 7.615 YNLAT Granada, Nicaragua, La Voz de Mombacho, is again operating on this old frequency from 7-11:15 P.M. after a long absence. Signal is fair but there is QRM from code. (Juett)
- 7.510 ---- Macao, Portuguese China, announces as "The Radio Club of Macao". Is also on 12.250 and 7.505 mcs. in English and Portuguese. (Sutton) In the January 1st bulletin I stated this station might be in Natal, Brazil. I am glad to make this correction and at the same time congratulate Charles on a fine catch. (Hart)
- 7.470 NPN8 On a Pacific Island, has news dispatches for San Francisco from 7-7:20 A.M. (Sutton)
- 7.220 ---- Cairo, Egypt, announces as Force Services. Heard from 8-10 A.M. (Sutton)
- 7.100 EA9AA Tangiers, Spanish Morocco, heard from 6-7:30 P.M. when it signed off. Man and woman announced. Strong signal, in fact the best ever heard out of Morocco. (Juett)
- 7.095 YNFM Radio Masaya, Masaya, Nicaragua, shifted here from 7.105 mcs. Heard regularly from 8-11:10 P.M. Signs off with rendition of the march "Stars and Stripes Forever". (Juett)
- 7.035 YS1 El Salvador, now station in San Salvador. Completed tests. Opens regularly at 8 P.M. with "Under the Double Eagle" and signs off with the same selection at 11:35 P.M. Program, sponsored by Coca Cola, is heard at the beginning of the broadcast. (Juett)

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HIGH FREQUENCIES SUPPLEMENT

(Continued from Page 13)

Mcs. Station, Location, Operating Hours (EWT), Etc.

- 7.020 ---- Malaga, Spain, heard from 6:30 P.M. to signoff at 7:30 P.M. News in Spanish at 7:15 P.M. Relays EAJ9 on 1450 kes. (Juett)
- 7.018 YNBO Boaco, Nicaragua, moved here from 7.000 mcs. Heard from 7-11 P.M. Good signal at all times. There is quite a mess here for YNWV is supposed to be assigned to this frequency and COCQ on 7.015 causes quite a howl when all three are on the air. (Juett)
- 7.015 COCQ Havana, Cuba, General Electric station, moved here from 9.515 mcs. Operates from 6-11 P.M. Relays CMQ. Good signal when not interfered with. (Juett)
- 6.920 WEE New York, calls Paris on 10.090 mcs. whose signal is R9 at 6:30 P.M. (Sutton)
- 6.220 DKSA Radio Atlantik, anti-Nazi station somewhere in Europe, has very strong signal at night. (Sutton)
- 4.020 ---- Emissora Nacional Ponta Delgada, Azores, heard from 6-8 P.M. with R6 signals. (Sutton)

HIGH FREQUENCIESBy James J. Hart

It is becoming increasingly difficult to log new short wave stations even though several countries have new transmitters in operation with still others some under construction. The reason the DXer must tune much more carefully is due to the fact that the OWI now has 110 stations in the United States broadcasting their programs on 67 frequencies, many on split frequencies.

An example of this is Radio Corse in Corsica, a good catch on 7.830 mcs. Then from out of the blue WCBN, New York, opened up on 7.8325 mcs. Since Radio Corse is on the air only from 6:10 to 6:30 P.M. (EWT) daily and as WCBN broadcasts the news in English until 6:15 P.M. and then transmits pictures during the following hour, it will readily be seen that listeners, especially along the eastern seaboard, will have little chance to hear Radio Corse.

Following is the way in which OWI stations are allocated:

11 in the 6 megacycles band

7	"	"	7
1	"	"	8
10	"	"	9
1	"	"	10
11	"	"	11
2	"	"	13
1	"	"	14
14	"	"	15
6	"	"	17
2	"	"	18
1	"	"	21

Here's hoping the war will end soon so that some of these channels can be cleared. Incidentally, there were many changes in frequencies used by Asiatic stations as of March 1st. Many will be found on still higher frequencies during the Spring and Summer. And as the days grow longer you will find marked improvement in short wave reception.

Mcs. Station, Location, Operating Hours (EWT), Etc.

23.800	----	An Armed Forces station heard near this frequency between 10 and 11 P.M. Can anyone help as to its location? The latest list of OWI stations in the U.S. only goes to 21.610 mcs. (Harris, Mass.)
18.450	HBF	Genova, Switzerland, heard recently with a good signal from 11 A.M. to 12:30 P.M.
18.135	JBC	Java, on at 9 P.M. and off the air at 12:50 A.M. Good signals. (Dilg, Calif.)
17.980	WVLC	Leyte, Philippines, announces as Manila. Comes on at 7 P.M. and sends bulletins to NBC at 7:22 P.M. To Mutual at 7:30 with Don Boll commenting. Usually signs off at 7:52 P.M. (Sutton, Ohio)
17.820	AFH	Rome, Italy, relaying press dispatches from 10-10:20 A.M. (Juett, Indiana)
	KU5Q	Guam, heard for the networks from 6:30-7:30 P.M. San Francisco contact is KQJ, 18.020 mcs. KHE, Honolulu, is sometimes used as a booster station for KU5Q and WVLC when the last two stations broadcast to the U.S. mainland. (Hart)
17.800	KRHO	Honolulu, Hawaii, signs on at 7 P.M. with program directed to Japan. Announcer gives the news in English at the beginning of each hour. The program then continues with talks and commentaries. KRHO is used as a propaganda station by the OWI. Signals are excellent. (Hart)

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HIGH FREQUENCIES

(Continued from Page 5)

Mcs. Station Location Operating Hours (EWT) Etc.

- 17.275 Java Java, heard from 11 A.M.-12:05 P.M. with program for India, chiefly in English. This station is also on the air from 8:15-8:50 P.M. for India. Java, on 18.135 mcs. opens at 9 P.M. and continues until after midnight. Usually fades at about 12:30 A.M. (Dilg)
- 15.920 ----- Paris, France SHAEF studio relays programs to CBS, NBC and Press Wirelless from 1:30-1:45 P.M. (Sutton)
- 15.850 KU5Q Guam, heard from 4:30-6:30 P.M. working ships at Manila and Iwo Jima. Also heard relaying these stations to Honolulu and San Francisco on 17.700 and 17.800 mcs. This information was sent to Gil Harris by Robert H. Hoiermann who is now making his home in Newark, N.J. having been transferred here from Alliance, Ohio, to make radio tubes for Uncle Sam. Bob has an SX32 Halliercrafters and we sure would welcome more of his tips.
- 15.585 ---- Salisbury, Southern Rhodesia, a real catch in anyone's log, has been heard by Charles Sutton. This station relayed BBC news from 2-2:15 P.M. and then broadcast a varied program until 4 P.M. Here is one catch your acting short wave editor would like to land and when Earl Roberts returns to civilian life he will have plenty to try for. Congratulations, Charles!
- 15.515 HDR Quito, Ecuador, heard at 6:45 P.M. with clear speech in phone message to the U.S. (Hart)
- 15.450 ---- Radio Shonan (Singapore) has two news programs beamed upon the Philippines and for our Armed Forces. They are as follows: on 15.450 mcs. from 7:45-8:45 P.M. and on 7.220 mcs. from 10-10:45 A.M. Some interference may be expected on the second mentioned frequency as JCJC is usually on that frequency at the same time. However, listeners in the East should be able to hear the broadcast on 15.450 and that frequency is correct despite the fact it is announced as 15.360 mcs. (Dilg)
- 15.320 OQ2AB Radio Congolia, Leopoldville, Belgian Congo, has been heard on two occasions recently despite severe QRM from DXU, Berlin. News in English from 8:30-8:45 A.M. Gives call as OQ2AB. Signals were very weak says Charles Sutton. They should be as OQ2AB uses but 50 watts! Some catch! Charles' antenna apparently has affinity for African stations. First it was Rhodesia and now OQ2AB.
- 15.225 JLT3 Tokyo, Japan, in Parallel with JVU3, 11.897 mcs., on for eastern North America. from 6:15-8:15 P.M. This station was putting in a fine signal until March 9 when our super forts hit Tokyo. Then signals dropped to an R3-4 and there was a terrific hum as though they were using an auxiliary power supply. (Harris) Isn't this just too bad! (Ed.) Paul Dilg suggests looking for the Japs on the Manchukuo frequencies, as they will soon be moving there, we hope.
- 15.220 CHTA Sackville, Canada, heard with good signals at 2:15 P.M. with program for Canadians overseas. This is one of the new 50,000 watt stations just put into daily operation by the CBC. (Hart)
- 12.280 NPH Honolulu, Hawaii, tests daily from 4-4:45 P.M. (Sutton)
- 12.280 KGB5 Guam, contacts KEB and NPG5 at 3:30 and 4:30 P.M. (Sutton)
- 12.260 ---- Moscow, U.S.S.R., has news in English at 11 A.M. but is on the air at an earlier hour. Sign-off is usually at 11:50 A.M. (Dilg)
- Best Russian in Indiana. (Rudy Juett)

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HIGH FREQUENCIES

(Continued from Page 6)

Mcs.	Station	Location	Operating Hours (EWT), Etc.
12.120	----		Has anyone listened to the station on this frequency from noon to 1:45 P.M. when it signs off playing the Portuguese anthem? There is no mention of location. Man and woman announce. When the time comes for station announcement a three-note bell is sounded twice then program resumes. Has concert music to 1:15 P.M.; a talk that might be the news in Portuguese followed by dance music until sign-off. QRM from Radio France, Algiers. Any help on this one? (Hart)
11.970	FZI	Brazzaville, Free French Africa,	presents an English period for Europe, the Far and Middle East from 2:45-3 P.M. and from 4:45-5 P.M. To Central and South America from 7:25-7:45 P.M. FZI can also be heard on 9.440 mcs. at 7:25 P.M. (Sutton)
11.930	----	London, England	is now using the following frequencies for the North American service beginning at 5:15 P.M. and ending at 12:45 A.M.: 11.930, 9.825, 9.783, 7.260, 6.110 and 2.880 mcs. (Hart)
11.905	XGOY	Chungking, China,	heard signing on at 8 P.M. Then followed a talk in Chinese until 8:15 P.M. when the announcer said "This is the American Hour from Chungking." A musical program was broadcast until 8:30 and then the news in English until 8:44 P.M. Then there was more music until 9 P.M. Signals were R9 plus. CXA10 could be heard as it drifted off its assigned frequency of 11.900 mcs. (Harris)
11.900	CXA10	Montevideo, Uruguay,	relays CX14 from 7:30-10:10 P.M. (Sutton)
11.880	LRR	Radio Ovideo Lagos, Rosario, Argentina,	broadcasts a regular program from 7-10 P.M. daily. Good signal. (Sutton)
11.775	----	Radio Saigon, French Indo China,	heard with news in English from 10-10:45 A.M. This must be a new schedule. (Sutton)
11.685	XGRS	Shanghai, China,	is again being heard with news in English from 7:15-8 A.M. (Sutton)
11.635	----	Moscow or Leningrad, U.S.S.R.,	heard with German program at 11:15 A.M. (Juett)
11.405	----	Radio Dakar, Senegal,	heard at 4:03 P.M. when it either faded or signed off. Still heard on 7.210 mcs. at 5:10 P.M. when it signed off. (Harris)
10.915	----	Paris, France,	heard calling New York and London at 4:17 P.M. (Harris)
10.543	DZD	Berlin,	heard from 5:50-9 P.M. Another Berlin schedule noted was DXC2, 11.740 mcs. from 10 A.M.-noon. (Sutton)
10.350	LSX	Buenos Aires, Argentina,	broadcasts an English news period from 7-7:15 P.M. Gave call as LQA5 at 7:35 P.M. signoff. (Sutton)
10.090	----	Paris, France,	relays to the networks in the evening from 6:30-6:45 P.M. (Sutton)
10.042	DZB	Berlin,	is used in the African service. Heard with news in English from 4:30-4:48 P.M. May be heard as early as 3 P.M. with a musical program. (Harris)
10.005	----	Voice of Free Arabs	heard regularly from 2:15-2:28 P.M. and from 3:15-3:25 P.M. Good signals but quite a bit of QRM to WWV on 10.000 mcs. (Harris)
9.955	WNRA	New York,	heard signing on at 2:13 P.M. with musical program. Excellent signals. (Harris)
9.735	GSW7	Lisbon, Portugal,	with program to North America from 8-9:03 P.M. Mentioned Radio Funchal on 8.150 mcs. just before signoff, which was reported in the March 1st bulletin. CSW7's signals were excellent. (Harris) Thanks to Gil I was able to get Radio Funchal which is on the air Thursdays only from 3:30-4:30 P.M. Has good signals and announces after each selection. (Hart) Also reported by Sutton as being strong. (Continued on Page 9)

HIGH FREQUENCIES

(Continued from Page 8)

Mcs.	Station	Location, Operating Hours (EWT), Etc.
9.660	LRX	Buenos Aires, Argentina, signed on at 6:30 A.M. after playing the national anthem. Fair signal. Announces in English and Spanish. (Hart)
9.620	----	Radio Addis Ababa, Ethiopia, from 11 A.M.-noon relaying BBC news. Broadcast local news from 11-11:20 A.M. (Sutton)
	----	Paris, France, signs off at 7 P.M. with "La Marsellaise". This program began at 6 P.M. (Sutton)
9.615	----	Paris, France, in parallel with 9.520 mcs. at these times: 6:15-7:15 P.M.; 7:30-9 P.M.; 9:45-10:30 P.M. to Canada; 10:30-11:15 P.M. for the U.S. (Juett)
9.565	----	Radio Centre, Moscow, heard with news in English from 8-8:20 A.M. Another Moscow station is heard on 12.265 mcs.
9.300	WVLC	Philippines, with news bulletins from 8-8:30 A.M. QSA4, R4. (Sutton)
9.185	----	Bern, Switzerland (a new frequency replacing 11.775 mcs. on the South African Service), heard from 5:25-6:20 P.M. Gave the news in English, German and French. Several musical selections were played. Signals were very good. (Harris)
8.300	----	A station giving as its call "The Voice of Guatemala" but no call letters, heard from 11:14 A.M. until after 12:10 P.M. (Harris)
7.795	WVLC	Leyte, Philippines, with good signals at 7:50 A.M. daily, preparatory to relays to the networks at 8 A.M. (Sutton)
7.565	WNRI	New York, heard signing on at 3:43 P.M. Gave location as Bound Brook, N.J. and not New York. (Harris)
7.510	----	Macao, Portuguese China, with fair signals from 8-9 A.M. (Dilg)
7.445	FG8AH	Point-a-Pitre, Guadeloupe, is again coming through with good signals from 7-8:30 P.M. News in French at 8:26 P.M. (Harris) Also heard by Charles Sutton in Toledo, Ohio.
7.405	KU5Q	Guam, relaying KG1K, the latter being the call of Admiral Turner's flagship off the shore of Iwo Jima. (Dilg) Heard here for the networks at 9 A.M. on several occasions. On one occasion there was the description of a baseball game on Guam. Also uses 9.275 mcs. where reception is much better. (Hart)
7.300	----	Moscow with program to eastern North America in parallel with 15.230, 11.885 and 11.950 mcs. from 6:48-7:25 P.M. and at 8 P.M. in parallel with 11.950 mcs. only. (Harris)
6.920	WVLC	Leyte, Philippines (on this approximate frequency), contacted RCA at San Francisco from 11:45 A.M.-noon. (Sutton)
6.890	KEB	San Francisco, used for pickups during the morning beginning at 7:30 A.M. Contacts WVLC, Philippines; KU5Q, Guam, and NPG5 (location unknown) and also KKH, Honolulu. (Hart)
6.715	ZLT7	Wellington, New Zealand, with brief program of news and results of New Zealand sporting events for troops on the various South Pacific islands. Signed on at 5:30 A.M. and off at 5:46 A.M. (Sutton)
6.480	HI2A	Monsignor Nouel, Dominican Republic (new station for me) with best signal ever heard from this little West Indies republic, is on nightly from as early as 7:40 P.M. (Hart)
6.260	HJOT	Bogota, Colombia, is back on this old frequency from 6.180 mcs. Signed off at 12:16 A.M. with call in English and Spanish. Signals were R9 plus. (Harris)
6.205	FK8AA	Noumea, New Caledonia (one of my best in many months), has been heard every morning for the past several days with concert music. Usually signs off a few minutes past 6 A.M. with "La Marsellaise". Many logs list FK8AA on 6.135 mcs. That is incorrect. (Hart)

(Continued on Page 10)

HIGH FREQUENCIES

(Continued from Page 9)

<u>Mcs.</u>	<u>Station</u>	<u>Location</u>	<u>Operating Hours (EWT)</u>	<u>Etc.</u>
6.200	YV6RV	Cuidad Bolivar, Venezuela	(not quite sure of the last letter),	is a new station and it relays a broadcast band transmitter. It has excellent signals and announces on the hour and half-hour. No English has as yet been heard. (Hart)
6.040	COBF	Havana, Cuba,	is on the air again from 6 P.M.-midnight.	(Sutton)
6.090	CBFW	Montreal, Quebec,	with all-French program from 4:30-5 P.M. at which time they relayed the "6 pips" from London and then continued with the French program.	(Hart)
4.960	----	Ceylon	is now using this frequency from 9-10 A.M. Don't confuse it with the Spanish language station on 4.890 mcs. Also try for Ceylon on 8.300 mcs. sometime.	(Dilg)
4.920	YV5RN	Caracas, Venezuela,	uses the slogan "Radio Caracás" and relays YV5RA from 6:30-8:30 P.M.	(Sutton)

Supplemental

Radio Luxembourg is now using 10.244 mcs. for afternoon and evening transmissions. Heard for the Army Hour and with a program beamed upon Germany from 4-4:30 P.M. (Harris) I heard Luxembourg making arrangements to use this frequency advising Press Wireless in New York to look for them on this wave. (Hart)

KU5Q, Guam, relaying news from Iwo Jima on 17.820 mcs. from 7:30-8 P.M. The original broadcast came from a ship participating in the battle. (Sutton)

To all short wave listeners: I will appreciate it very much if they will monitor Germany's prisoner-of-war messages and listen for the name of Lt. Edward O'Rourke, Serial 0-826273. He is believed to have been over Cologne when last heard from. Any information pertaining to Lt. O'Rourke may be forwarded to me at 617 Grove Street, Irvington, N.J., or to his mother, Mrs. F. O'Rourke, 527 Revere Avenue, Bronx, New York 61, N.Y. (James J. Hart)

HIGH FREQUENCIESBy James J. Hart

Recently there has been noticeable improvement in short wave reception. This is especially true on the higher frequencies. Signal strength of the Asiatics is now comparable to the locals and particularly so with regard to stations in the 31 meter band during morning hours between 7 and 10 o'clock (EWT). Australians at Shepparton, Melbourne and Perth are likewise good during these hours.

As Spring progresses and during the early Summer months the 25 and 19 meter band stations will be heard very well at night. Unlike BCB stations, which at times are almost inaudible during the Summer because of static and other atmospheric disturbances, those on the short waves are heard with a minimum of noise. Paradoxically, broadcast band stations register with stronger and clearer signals during the Winter.

In this month's short wave section of the bulletin you will find some excellent items from Paul Dilg of Monrovia, Calif. and from Charles S. Sutton of Toledo, Ohio. Paul has submitted numerous changes in the schedules of the Asiatics while Charles reports the logging of some fine ones in Africa.

Your acting short wave editor hasn't much to offer in the way of new stations but he has received a letter from Brazzaville stating they are having their programs cut and that many of their features are now being broadcast by Radio Paris. Incidentally, they are using their good offices to try to get me verifications from Tanamarive and Cameroon. And if members are having trouble securing veries from short wave stations it is suggested they write me at 617 Grove Street, Irvington, N.J. Perhaps I can supply the correct addresses to write to, together with the names of the signers of verifications.

The usually fine lot of tips sent in monthly by Gil Harris are missing in this issue of the bulletin. Gil is enjoying a well-earned vacation. Instead of fishing for new stations he is fishing for denizens of the deep up near Swanton, Vt. When Gil writes again it is possible he will tell us about the big ones that got away.

And finally, here's hoping earnestly that we will have thankfully observed VE day by the time another month has rolled around again.

Mcs. Station, Location, Operating Hours (EWT), Etc.

- 17.980 KHE Kahuku, Hawaii, is the station utilized to boost WVLC for RCA. At other times KU5Q, Guam, does the same on 17.820 mcs. In the April issue of our bulletin I stated WVLC was using that frequency but Paul Dilg sent me the correct information. Thanks, Paul! (Hart)
- 17.820 KU5Q Guam, announces as KU5G and relays to KLL, 13.720 mcs. and KQJ, 18.020, daily from 7:15-7:50 P.M. Other stations relaying to the networks and sending press reports are MCH, 15.105 mcs., Luxembourg "Raylux" which contacts WQV, 14.800 mcs. at 12:40 P.M. At 5:45 P.M. MCH calls WEC, 8.950 mcs. and WQV on 9.680. At 10:05 A.M. AFHQ, Italy, can be heard calling the AP and UP on 17.795 mcs. The Philippines station, WVLC, now relays the Voice of Freedom programs on 7.795 mcs. every hour on the hour beginning at 4 A.M. And on 7.500 mcs. they call RCA at San Francisco for 7:30 A.M. relay to the networks. (Sutton)
- 15.730 ---- Moscow, U.S.S.R., announces the following frequencies and times of transmissions: 15.730, 15.750, 15.230, 11.950, 11.880, 7.300 and 6.980 mcs. for the 6:48-7:25 P.M. period and 7.300 and 9.480 mcs. for the 8 P.M. program. The only ones heard however, are the 15.750, 15.230 and 11.950 mcs. frequencies. On another occasion 15.110 mcs. was heard at 6:48 P.M. and the station on 15.750 was heard from 7 to 8:50 A.M. (Sutton)

(Continued on Page 6)

HIGH FREQUENCIES

(Continued from Page 5)

Mcs.	Station	Location, Operating Hours (EWT), Etc.
15.605	----	Salisbury, Southern Rhodesia, is now on this frequency having moved from 15.585 mcs. Heard from 1:55-4 P.M. (Sutton) Although I have listened daily for two weeks, I have not as yet heard this station. Guess I'll have to travel to Toledo, Charles, to see how you land those fine African catches. First Rhodesia, then the Congo and now three in South Africa. Woe is me! (Hart).
15.330	----	Hsinking, Manchukuo, is back on this frequency at 1 A.M. with fair signals. (Dilg)
14.800	WQV	New York, is used as a New York contact for stations in Europe and for the Army Hour at 3:30 P.M. Sunday. Among the Europeans heard are Luxembourg on 15.105 mcs.; Paris SHAEF No. 2 on 15.725; Rome on 13.250 and also SHAEF on 15.850. (Hart)
14.690	PSF	Rio de Janeiro, Brazil, is again coming through from 7-8 P.M. (Sutton)
12.275	JANX	Batavia, Java (?), broadcasts prisoner-of-war messages for Australians at 10:30 A.M. Signs off at 10:45 A.M. but returns at 11 A.M. with program for India which lasts until 12:05 P.M. (Dilg) This program is not heard in the East but JANX puts in a good signal at 8:30 A.M. with news and comment in English until 9 A.M. when it signs off. (Hart)
12.120	----	Radio France, Algiers, heard calling Cairo and New York at 9:55 A.M. and at 1 P.M. Announces as Radio Paris in English and not Radio France. (Sutton)
12.115	ZNR	Aden, Arabia, must have changed schedule as I heard it from 9-10:15 A.M. Had woman announcer. (Sutton) Checked ZNR at regular time-noon to 1:15 P.M. for more than a week but was unable to hear any signals. Therefore, ZNR must be on double Summer schedule the same as England. (Hart)
12.005	MCD2	Somewhere in Holland, heard calling New York for relay to the networks from 6:30-6:50 P.M. (Sutton)
11.860	XMHA	Shanghai, China, in parallel with XGOO on 9.660 mcs. Although announcing frequency as 9.665 mcs., XMHA is in the clear at 8 A.M. and employs English at that time. (Dilg)
11.850	HI3X	Trujillo, Dominican Republic, heard from noon-2 P.M. and from 6:30-10:15 P.M. May also be heard on HI2X, 6.350 mcs. and on HIX, the broadcast band station on 950 kcs. (Sutton)
11.810	SEAC	Ceylon, broadcasts news at 10:30 A.M. and signs off at 10:45 A.M. Seems to relay native programs from Delhi. Announce they start on 15.275 mcs. at 11 P.M. but is not audible on that frequency on the West Coast as yet. (Dilg)
11.775	----	Saigon, French Indo-China, under Jap control, has changed schedule somewhat. Still signs at 9:30 A.M. on 4.810 mcs. Transmits the news in English on 11.775 mcs. at 10 A.M. and signs off at 10:30 A.M. (Dilg)
11.725	JVW3	Tokyo, along with these frequencies- 9.675, 9.535 and 7.257 mcs., is used for the North American transmission at 11 A.M.-1 P.M. Designated transmission 1, there is news on the hour. Other changes effective 4/1/45 are 10 P.M.-4 A.M. broadcast on 15.160, 15.225, 11.800 and 11.897 mcs. Program in Spanish begins at 10:30 P.M. Program titled "Humanity Calls" with news in English is heard at 11 P.M. with news on the hour thereafter. This is known as transmission No. 8. Transmission No. 9 begins at 7:45 A.M. and lasts until 9:15 A.M. (it may be 8:45 A.M.) The announcer gives the time as EST and on other occasions as EWT. Frequencies used are 15.160 and 11.800 mcs. (Dilg) (Continued on Page 8)

3500 HIGH FREQUENCIES

(Continued from Page 6)

Mcs. Station, Location, Operating Hours (EWT), Etc.

- 11.690 XGRS Shanghai, China, announce they are on this frequency although they may be a bit higher. Signs off at noon. Heard as early as 7 A.M. (Dilg)
- 11.680 KIO Honolulu, Hawaii, heard calling the Philippines at 3:30 and 4:30 P.M. (Sutton)
- 10.050 SUV Cairo, Egypt, contacts Paris and New York at 3 P.M. The station plays recordings while waiting. (Sutton)
- 9.902 ZTJ Johannesburg, South Africa, from 8:15-8:45 A.M. Other South African stations heard are ZRL on 9.605 mcs. from 10-11:45 A.M. with news in English at 11:30 A.M. and ZRK, 5.885 mcs. from 12:45-1 A.M. The last two stations are at Capetown. (Sutton)
- 9.783 ---- A Belgian Congo station at Leopoldville relays BBC programs from 9:15 P.M. to 12:45 A.M. (Sutton)
- 9.730 XGOA Chungking, China, is remaining on this frequency and is one of the few stations in China that does not hop around. (Dilg)
- 9.710 CRYBE Lourenco Marques, Mozambique, relays the BBC from 3:30-4:30 P.M. News in English at 3:51 P.M. after which a musical program is broadcast until sign-off. (Sutton)
- 9.695 JIE2 Taiwan, Taihoku, from 9:15-9:40 A.M. Period of news in English at 9:30 A.M. Signals QSA3-4, R4-5. (Sutton) A nice catch and one seldom heard on the East Coast. (Hart)
- 9.655 ---- A Jap station (could be JLS) from 6-8:30 A.M. with all-Jap language programs. No. English. (Hart)
- 9.645 JLT2 Tokyo, presents the news in English at 7:45 A.M. daily. Very good signal. (Hart)
- 9.645 XGOY Chungking, China, has been on this frequency for a short time but are changing frequency frequently. Here are the latest changes: on 9.710 or 9.708 although they announce 9.700 mcs. The OWI will not tolerate this as the U.S. has been assigned this frequency and it is being used daily. (Dilg)
- 9.630 CBFX Montreal, Canada, heard from 8:30-9:30 A.M. with news at 9 A.M. Other Canadian stations heard are CKRO, Winnipeg on 6.150 and on the air from 6:30 A.M.-midnight; CFVP, Calgary, 6.030 mcs. whose schedule is 5:30 A.M.-11 P.M. with news at noon (the evening transmission of this station is very erratic) and CHTA, Sackville, New Brunswick on 15.220 mcs. CHTA has two transmitting periods, one from 6:45-9:15 A.M. and the other from noon-4 P.M. (Sutton)
- 9.615 VLC6 Shepparton, Australia, for western North America from 11-11:45 A.M. with news at 11 and 11:35 A.M. Notice has been received that all VLI stations have been withdrawn from overseas programs. (Sutton)
- 9.590 VUD4 Delhi, India, is again putting in a fine signal at 8:30 A.M. A French program is broadcast at 9 A.M. after which the station changes to an Asiatic broadcast. (Hart)
- 9.535 VUD Delhi, India, now signs on at 10:50 A.M. with news. Has a fine signal. VUD is also heard on 7.240, 7.295 and 4.960 mcs. and announces as being on the 25 meter band but this frequency has not been heard here. At 11 A.M. the 9.535 mcs. station carries BBC news while the other stations carry native programs. VUD on 11.760 and 11.790 mcs. broadcasts news at 9:30 A.M. and signs off at 10:30 A.M. (Dilg)
- 9.500 XENW Mexico City, announce their schedule as 9 A.M. to 3 A.M. the next day. (Sutton)
- 9.470 ---- Hong Kong changed schedule April 1, 1945. Now signs off at 10:30 A.M. Opens up at 6 A.M. News in English the first half-hour and in Mandarin Chinese the second half-hour. Program is interspersed with music. (Dilg) (Continued on Page 10)

HIGH FREQUENCIES
(Continued from Page 8)

Mcs.	Station	Location	Operating Hours (EWT)	Etc.
9.440	----	Radio Brazzaville,	Free French Africa,	can be heard from 6-9 P.M. with English period at 7:25 P.M. This station can also be logged between 1:25-2:18 A.M. (Sutton)
7.645	----	A Jap station in parallel with JLT2,	9.645 mcs.,	signs on at 6:45 A.M. News in English at 7:50 A.M. directed to Chungking, China. The break is at 8:15 A.M. JLT returns at 8:30 A.M. but the unidentified station does not come back. (Dilg)
7.500	----	Macao now signs off one hour earlier	or at 9 A.M. and sometimes as early as 8:55 A.M. (Dilg)	
7.520	KIKH	Kahuku, Hawaii,	heard relaying Chungking to CBS from 8:05-8:12 A.M. (Sutton)	
7.210	FGY	Radio Dakar, Senegal,	is again being heard. Signals reach peak from 4:45-5:10 P.M. (Sutton)	
6.700	----	Radio Center, Moscow,	is using this new frequency for 8 A.M. transmissions to eastern North America. Other frequencies used at this time are 9.565, 10.440, 11.630, 11.880 and 15.730 mcs. (Hart)	
6.130	COCO	Havana, Cuba,	has a very loud harmonic in the 12 mcs. band. (Sutton)	
6.005	HP5K	Colon, Panama,	broadcasts a new period in English daily from 11-11:15 P.M. Signs off at midnight. (Sutton)	
5.997	----	Radio Andorra, Andorra,	has been heard on this new frequency having moved from 5.885 mcs. On daily from 5:30-7:30 P.M. (Sutton)	
5.955	HH2S	Port-au-Prince, Haiti,	is on from 8-9 P.M. with good signals. (Sutton)	
5.710	MTCY	Hsinking, Manchukuo,	had fair signals Sunday, April 8 from 9:30-10 A.M. with news in English at 9:30 A.M. (Sutton) In his report Charles stated he thought it would be a long time before he heard this one again. I doubt it and as Paul Dilg recommended in a recent issue, look for Manchukuo stations for he believes the Japs will flee to Manchukuo for a last ditch fight and they certainly will use MTCY to spread their putrid propaganda. (Hart)	
4.794	HUB	San Salvador, El Salvador,	can be heard nightly until midnight sign-off. (Sutton)	
3.940	----	A new Jap station (no call given)	heard from 5-8:40 A.M. (Dilg)	
3.820	----	The U.S.S.R. is now using this frequency for a 7 A.M. program. This replaces the stations on 3.800 and 3.775 mcs. (Dilg)		
2.510	----	Chosen (Korea) can be heard from 4-8:50 A.M. An interesting item because this is one of the lowest frequencies used by a foreign short wave station. They play western music the last half-hour. At times they sign off at 8:30 A.M. This station has been identified by the FCC. (Dilg)		

SW RECEPTION IN NEW ZEALANDBy Arthur T. Cushen

The following list of short wave stations was compiled at my listening post in Invercargill:

- Mcs. Station, Location, Time (EWT) on the Air and Other Details:
- 15.470 Radio Shonan (Singapore) excellent from 9-9:40 P.M. News at beginning.
 - 15.405 PZX5, Paramaribo, Suriname, very good at 7 A.M. Signs at 7:21 A.M. with Dutch anthem.
 - 15.275 ZOJ, Colombo, Ceylon, opens at 11:30 P.M. with news in English.
 - 15.240 Paris, France, on at 8 A.M. with program for French Indo-China.
 - 15.225 CHTA, Sackville, Canada, from 6:45-9:45 A.M. English from 6:45-7 A.M.; German from 7-7:15 A.M.; for Canadian Armed Forces from 7:15-8:15; in French from 8:15-8:45 A.M. Broadcasts an English program beamed upon Europe from 8:45-9:15 A.M. The latter is just a test program.
 - 15.190 OIX2, Lahti, Finland, signs with call in English at 8:15 A.M. Fair signal.
 - 13.820 SUZ, Cairo, Egypt, at 2 P.M. in parallel with SUX, 7.865; SUV, 10.050 and SUP2 on 6.320 and 7.500 mcs.
 - 13.630 SPW, Poland, is heard in Australia at 8:15 P.M.
 - 12.660 Allied Force Headquarters, Naples, Italy, with daily communique daily at 6 A.M. for press in New York and London. Good signal.
 - 12.280 JANX, Joakata, until 4 A.M. Resumes at 6 and signs at 9 A.M. R7.
 - 12.120 Radio Tananarive, Madagascar, on at 8:50 A.M. Clock strikes 4 at 9 A.M. Signs with "La Marsellaise" at 9:30 A.M.
 - 11.860 Radio Shonan is consistent from 4:30-6 P.M. with program for Europe. Heard also on a frequency of 9.555 mcs.
 - 11.845 Radio Paris, opens at 4 A.M. with "La Marsellaise". Fine signal.
 - 11.810 ZOJ, Colombo, Ceylon, news at 8:15 A.M. with good signal. Address is British Ministry of Information, Far Eastern Bureau, Radio Division, S.E.A.C., 229 Turret Road, Colombo, Ceylon.
 - 11.790 Delhi, India, has weekly schedule in English; Saturday at 11 P.M.
 - 11.770 KCBF- news at 11 P.M. Closes at 11:45 P.M. On 9.750 mcs. at midnight.
 - 11.730 WRUL, Boston, Mass., signs on at 6 A.M. with good signal strength.
 - 9.550 Radio Shonan (on 11.860 mcs. same time) is consistent from 6-7:10 A.M.
 - 9.490 KNBX, with KNBI, 6.020; KNBA, 7.805; KNBO, 9.700 mcs. sign on at 5 A.M.
 - 9.320 LRS and LR4, Buenos Aires, on until 2:05 A.M. every Sunday.
 - 7.8325 WCBN, New York, AFRS program opens at 4:30 P.M. Signs on at 4:15 P.M. on 11.145 mcs.
 - WLWR, Cincinnati, very fine at 6:45 A.M. in parallel with 6.370, 9.750 and 11.710 mcs.
 - 7.790 WVLC, Leyte, Philippines, verified by letter. Gives power during Voice of Freedom broadcasts as 5 KW. Address is U.S. Army, SWPA, Radio Section, APO 500, c/o Postmaster, San Francisco.
 - 7.575 KCBF, San Francisco, (with KCPA, 6.170) signs on at 2:15 A.M. and off at 4:15 A.M.
 - 6.105 Radio Lublin, Lublin, Poland, heard beginning at 2:45 P.M. English at 3:15 P.M. Russian identification at 3:35 P.M. Fair signal.
 - 6.010 GRB, ABSIE station with news at 4:30 P.M. Very fine! Also on GWH another ABSIE station on 11.800 mcs.
 - 4.920 Lourenco Marques, Mozambique, heard at noon with poor signal and with English advertisements etc. Same program on CR7AA.
 - 3.490 Services Broadcasting System, Delhi, India, signs at 12:30 P.M. Announcer, a member of the R.A.F., states they will return to the air at 9 P.M. in the 49 meter band.
 - 3.380 YV5RY, Caracas, Venezuela, is fair at 6:45 A.M.
 - 3.305 Calcutta is best of the 85 meter stations. News at 11 A.M.

Recent verifications came from WLWL, 7.832 mcs.; WVLC, 9.30; WVLC, 7.79, and KGEX, 15.33 mcs.

HIGH FREQUENCIESBy James J. Hart

We welcome the initial contribution to our SW section of Hedley Simmonds, Hamilton, Ontario and express the hope that Hedley will keep us informed regularly concerning his results in the high frequency spectrum. We likewise express the hope that Paul Dilg, Gil Harris and other SW DXers will favor us with reports in the next issue of the bulletin.

Mcs. Station, Location, Operating Hours (EWT), Etc.

- 18.600 WVLC Philippines, sends messages to this country daily at 7:30 and 8:15 P.M. (Sutton)
- 17.540 ---- New French Equatorial Africa station at Brazzaville, is on the air from 11:58 A.M. to approximately 7:40 P.M. English at 7:25 P.M. (Sutton)
- 15.570 ---- Moscow, U.S.S.R., transmits from 7:50-8 A.M. (Sutton)
- 15.340 MTCY Hsinking, Manchukuo, puts in a fine signal at 4:45 A.M. Signs off at 5 A.M. (Hart)
- 15.220 CHTA Sackville, New Brunswick, heard from about 10:55 A.M. to 4 P.M. VE Day when it signed off in favor of CKXA, also in Sackville, which announced beginning of transmission No. 3 at 20:15 GMT on 11.705 mcs. Both are now SW International Service Stations of the CBC. CKXA is pretty badly chewed up on 11.705 mcs. and there is a terrific heterodyne. Mentioned this to them with the hope they will change frequency 5 mcs. one way or the other. CHTA has good signals. Heard it again the morning of May 20 when it was exceptionally good. (Simmonds)
- 15.165 ---- Leopoldville, Belgian Congo, heard from 7-9 A.M. Schedule is from 1:30-9 A.M. (Sutton)
- 12.270 JANX Batavia, Java, broadcasts to Australia from 9-10:30 A.M. (Sutton)
- 11.840 OLR4A Prague, Czechoslovakia, transmits from 6-7:30 P.M. daily. (Sutton)
- 11.705 CKXA Sackville, New Brunswick, good signals from 4:15-7 P.M. (Sutton)
- 9.700 ---- Radio Martinique, Fort-de-France, Martinique. Schedule- 6:35-8:55 P.M. English on Tuesdays and Saturdays from 7:15-7:30 P.M. (Sutton)
- 9.570 ---- Radio Nacional Espana, Argenta de Rey, Madrid, Spain, is on the air from 7-8:30 P.M. NEW station. (Sutton)
- 9.520 ---- Paris, France, heard May 18 and 19 with very strong signal. (Simmonds)
- 7.070 YMXW New Nicaraguan station at Managua, broadcasts daily from 6:30-10 P.M. (Sutton)

SW REPORTS

HEDLEY SIMMONDS- "Has anyone heard the station sharing the frequency of PRL8? I heard it two or three times in May following PRL8's English program from 10 until about 10:45 P.M. at which time the station in question seems to take over the announcing (Portuguese) and announces as 'Radio Nacional' the same as PRL8 does. Haven't written any SW stations since the beginning of the war; in fact I do not hear many of them now. Seldom hear the SW outlets on our side of the 'imaginary' line. Only ones heard now are a few of the 'Voice of America' stations. Even do not hear Australia as I did before the war when I used to get the VKs with terrific volume when I got home from work at night, sometimes strong enough to shake the windows and make the picture wires buzz. SW seems to have dropped out here for some unknown reason or other, probably local phenomena that does not affect other areas.

(Continued on Page 10)

HIGH FREQUENCIES

(Continued from Page 9)

HEDLEY SIMMONDS- Cont. "Have a veri from WMJ, the Buffalo police station. Hear them quite often, together with others, on their frequency of 2422 kes. Regular visitors are WNFP, Niagara Falls; WPDR, Rochester, N.Y.; WPDV, Washington, D.C. and WPDJ, Detroit on 2414 kes. Also WPDJ, Columbus, Ohio; WPDJ, Dayton, Ohio; WPFK, Hackensack, N.J.; WPGI, Portsmouth, Ohio; WQFO, Lancaster, Pa. and WRIC, Chillicothe, Ohio. One has only to 'park' on one of the above mentioned frequencies and he will hear all of them sooner or later. Our local police have installed three-way radio making it possible to communicate between cars and station at will. They operate (or did) on 1706 kes. with the call CZ6F. However, I understand they are now using FM for the three-way operations and do not know what frequency they use. Of course, if they are using FM it will be on the ultra high frequencies the same as WMJ-WKQO of Buffalo, N.Y. WKQO uses 37,500 mcs. but I cannot tune these frequencies. My set has a range of from 520 to about 10 mcs!"

RADIO ATLANTIC

Charles S. Sutton, Toledo, Ohio, forwards a clipping from the Toledo Times with a story about the Allied radio station operated in the "Reich". Some of Germany's best pre-war actors entertained the enemy and chipped at his morale over the famous Radio Atlantic, one of the neatest Allied propaganda ruses of the war.

The Allied operated transmitter was disguised as a clandestine station operating inside Germany and sounded so genuine that frequently Allied and neutral Monitors believed they were listening to genuine enemy broadcasts. The mechanical technique is still a secret because there is still a war on the other side of the world.

Newscasters and entertainers frequently were refugees from Germany. The station was officially known as Deutsche Kurzwellensender Atlantik. Its medium wave transmitter was called Soldatensender West. There were at least two other such stations but "Atlantic" became the most famous.

HIGH FREQUENCIESBy James J. Hart

A new 200 kilowatt international short wave transmitter operated by CBS for the OWI at Delano, Calif., began operation June 15. Beamed toward the Japanese homeland and Japanese-occupied countries, the new ether buster is broadcasting American psychological warfare messages into the ears of the enemy. The new super-power transmitter makes the Delano station one of the most powerful high frequency outfits in the world and the first of three to be beamed directly upon the Orient. It will carry broadcast warfare not only to the home islands of Japan but to all countries held by the enemy from Manchukuo to the extreme South Pacific.

The Delano plant has been on the air since the Fall of 1944 with two 50 kilowatt transmitters carrying programs prepared by the OWI and the Office of Inter-American affairs. The Delano building now houses three high-frequency transmitters—the new 200 kilowatt and the two 50 KW units. It is planned to use the two smaller transmitters to broadcast the same program on different frequencies while the giant 200 KW unit will carry a different program on still another frequency to prevent jamming by the Japs.

This huge million-and-a-half dollar installation began full-time, 20 hours a day broadcasting December 18, 1944. Since that time it has carried hundreds of programs for the OWI and the Armed Forces Radio Service. The work of designing and building the 200 KW transmitter at the Federal Telephone and Radio Corp. plant in Newark, N.J., shipping the equipment to the West Coast and installing it in the Delano building has been going on for months.

Mcs. Station, Location, Operating Hours (EWT), Etc.

18.135	PMC	Batavia, Java, from 9-10 P.M. (Sutton, Ohio)
17.540	----	Radio Brazzaville, French Equatorial Africa, schedule: 7-8 A.M. and from 11:58 A.M.-7:40 P.M. (Sutton) Has news in English at 2:45 P.M. Heard signing off at 7:44 P.M. (Harris, Mass.)
15.980	NPN8	Honolulu, Hawaii, calls NPG5 at 10 P.M. (Sutton)
15.660	JVE	Tokyo, Japan, English at 5, 5:30 and 6:30 A.M. (Sutton)
15.230	----	Radio Moscow, U.S.S.R., heard from 7:15-7:25 P.M. after U.S. stations leave the air at 7:15 P.M. (Sutton)
15.190	CKCX	Sackville, New Brunswick, Canada, heard testing from 6:45-7:30 A.M. (Sutton)
15.165	----	Leopoldville, Belgian Congo, English at 7:25 A.M. and 7:40 A.M. (Sutton)
15.155	SBT	Stockholm, Sweden, from 11-11:56 A.M. English 11:05-11:17 A.M. then Swedish until sign-off. Announce: "This is Stockholm, Sweden, 19.81 meters, 15.155 mcs." (Sutton)
14.690	PSF	Rio de Janeiro, Brazil, from 7-8 P.M. News in native language at 7:30 P.M. (Sutton)
13.635	SPW	Warsaw, Poland, heard with good signals from 9-10 P.M. (Sutton)
13.190	----	Khabarovsk, U.S.S.R., with good signals from 9-10 P.M. (Sutton)
12.280	KU5Q	Guam, calls KGB5-KEB at 7 A.M. for news relays. (Sutton)
12.110	----	Radio Moscow with Home Service Program from 9-9:15 A.M. (Sutton)
12.080	PPH	Rio de Janeiro, Brazil, from 7-7:45 P.M. Is used as a commercial phone after 7:45 P.M. Calls Caracas, Venezuela. (Sutton)
11.897	JVU3	Tokyo, from 6:45-8:15 A.M. News in English from 7:45 A.M. (Sutton)
11.765	ZYB8	Rio de Janeiro, schedule: 7-10 P.M. (Sutton)
10.338	----	Berne, Switzerland, heard Sundays from 3:20-3:50 P.M. Broadcasts news in English at 3:22 1/2 P.M. (Harris)
9.610	ZYC8	Sao Paulo, Brazil, with news in English at 7:45 P.M. (Sutton)

(Continued on Page 11)

HIGH FREQUENCIES
(Continued from Page 10)

<u>Mcs.</u>	<u>Station</u>	<u>Location</u>	<u>Operating Hours (EWT)</u> , <u>Etc.</u>
9.780	----	Unidentified Mexican station on approximately 9.780 mcs. from 10 P.M. to 1 A.M. (Sutton)	
9.490	WCBX	New York, heard signing on at 4:55 P.M. (Harris)	
9.465	TAP	Ankara, Turkey, with "Sunday Mail Bag" program from 4:25-4:45 P.M. (Sutton)	
	JZHA	Victoria, Hongkong (Jap-controlled) heard Sunday from 7:45 A.M.-9:20 P.M. English at 8 and 9 A.M. (Sutton)	
9.520	----	Paris, France, to the U.S. and Canada with news in English at 9:30 P.M. and sign-off at 10:15 P.M. (Sutton)	
7.360	HET3	Bern, Switzerland, with HEK3, 7.380 mcs. and a station on 9.185 mcs. with program to North America from 7:30-9 P.M. (Sutton)	
7.050	ZOY	Accra, Gold Coast, Africa, with news in English at 2 P.M. Signs off at 3 P.M. (Sutton)	
6.980	YQF2	Kuching, Sarawak (in northwestern part of the island of Borneo), heard with talk in English from 12:35-12:45 A.M. (Sutton)	
6.820	----	Tashkent, Asiatic U.S.S.R., relays Radio Moscow in English from 7:45-8 P.M. (Sutton)	

HIGH FREQUENCIESBy James J. Hart

Station KGPW, 2406 kilocycles, Salt Lake City, checks frequency twice a month- on the second and 16th- from 4 to 4:15 A.M. (EWT). KGPW transmits with 500 watts. All reports should be addressed to Mr. E.N. Olson, Station KGPW, Salt Lake City Police Department, Salt Lake City, Utah. We are indebted to Cpl. Harold L. Hutton, Vallejo, Calif., for this tip.

<u>Mcs.</u>	<u>Station</u>	<u>Location</u>	<u>Operating Hours (EWT)</u>	<u>Etc.</u>
17.980	KHE	Kahuku, Hawaii, relays stations KU5Q, Guam, and WVLC, Manila, at 8 A.M. (Charles S. Sutton, Ohio)		
15.750	----	Radio Moscow, U.S.S.R., comes on at 8 P.M. and signs off sometimes at 10 P.M. and at 11 P.M. on other occasions. News in English at 9 P.M. (Sutton)		
15.565	WCP	Calls station MCD3, Paris. (SHAEP, Paris, is now off the air. (Sutton)		
15.190	WRK	Press Wireless, New York, calls PV, Berlin, Germany, at 10:45 A.M. (Sutton)		
15.130	KGEX	San Francisco, Calif., heard July 15 signing on at 10:59 A.M. Broadcast news in English at 11 A.M. (Gilbert L. Harris, Mass.)		
13.830	SUV	Cairo, Egypt, has a news period in English every Sunday from 2-2:14 P.M. (Sutton)		
12.270	----	Radio Ejercito, Puntarenas, Chile, is good from 8-11:30 P.M. (Sutton)		
12.235	TFJ	Reykjavik, Iceland, every Sunday from 10-10:30 A.M. (Sutton)		
12.127	----	Radio Tamamrive, Madagascar, is on the air from 6:45-8:15 A.M. Relays Radio Brazzaville. (Sutton)		
11.970	----	Radio Brazzaville, French Equatorial Africa, also on 9.440 mcs., still broadcasts news in English at 4:45 P.M. (Harris)		
11.960	----	Radio Tiflis, Georgia, U.S.S.R., broadcasts in Russian from 4:45-5:30 P.M. (Sutton)		
11.830	----	Radio Moscow, is on from 7-9:30 A.M. News at 7 A.M. (Sutton)		
11.810	ZOJ	Colombo, Ceylon, headquarters radio of the British Southeast Asia Command, can be heard from 6:55-7:30 A.M. News in English at 7 A.M. (Sutton)		
11.090	----	Radio Ponta Delgada, Azores, heard VFB July 15 from 2-3 P.M. (Harris)		
10.780	SDB2	Stockholm, Sweden, is on from 1:15-6 P.M. (Sutton)		
10.350	LQA5	Buenos Aires, Argentina, daily from 7-7:40 P.M. (Sutton)		
10.340	HE04	Bern, Switzerland, can be heard from 3:30-3:50 P.M. (Sutton)		
9.625	XGCA	Kalgan, China, heard again from 7-8:45 A.M. when it signed off. (Sutton)		
9.535	----	Tokyo, Japan, from 11 A.M.-12:30 P.M. This is the only Japanese station that has been heard here recently. (Sutton)		
9.295	WVLC	Manila, Philippines, is on daily from 5-6 A.M. with news, recorded messages, etc. (Sutton)		
9.185	HEF4	Born, Switzerland, daily from 5:20-6:20 P.M. (Sutton)		
7.370	KU5Q	Guam, contacts KEB at 7:45 A.M. and 10:30 A.M. (Sutton)		
7.220	JCJC	Forces Service, Cairo, Egypt, heard from 11:30 P.M.-3:25 A.M. (Sutton)		

Brothers Charles S. Sutton and Gilbert L. Harris are the only SW reporters this month. We realize that the warm weather of Summer isn't conducive to DXing but hope that between now and September 1st Paul Dilg, Hedley Simmonds and other SW DX-ers will favor us with reports.

HIGH FREQUENCIESBy James J. Hart

(Continued from Page 10)

Art Cushen, short wave editor of the New Zealand DX-TRA, has very kindly forwarded his recent high frequencies observations from "down under." Art's past and continued co-operation with the SW section of our bulletin is very much appreciated:

ADEN ZNR2, 6.750 mcs., with fair signal at 1 A.M. but better than on their 12.115 mcs. frequency. (Note: Time given and all time following is EWT)

ALGERIA AFHQ, 6.040 mcs., very fine at 3:30 P.M. News at 4 A.M.
AFHQ, 9.600 mcs., fair at 4:30 P.M. in "Voice of America" broadcasts.

AUSTRALIA VLC6, 9.615 mcs., now carries the Asian Hour at 5 A.M. replacing the Philippine Hour which is now heard over VLC, 9.290 mcs. at 5 A.M.
VLC3, 11.870 mcs., heard once at 2 A.M. with French broadcast to Tahiti, now carried by VLC7, 11.840 and VLC3, 11.710 mcs.
VIQ, 7.40 mcs., with BBC news relays at 4:45 P.M. Located in Brisbane. Wants reports. VIQ not too good here with another station in the background.
VIQ2, 7.215 mcs., with BBC news at 7 A.M. Fine signal! Power 10 KW.

BRAZIL PRL8, 11.715 mcs., Rio de Janeiro, heard until 4:10 P.M. with program for Britain. Good strength. No veries have been received in Australia; only program sheet.

BURMA Radio Rangoon, 11.745 mcs., signs off daily at 7:25 A.M. after English transmission which begins at 6 A.M. with a news broadcast.

CEYLON ZOJ, 15.275 mcs., Southeast Asia Command Headquarters, opens up at 11 P.M. Gives the headline news then program summary for the day, Japanese news at 11:15 P.M. and news in English at 12:30 A.M.
ZOJ, 11.810 mcs., 7500 watts, Headquarters Radio, Southeast Asia Command, has a fine period of news in English at 8:15 A.M.
Radio Colombo relays BCB station ZOM, 700 kcs. Heard regularly until sign-off at 12:30 P.M. BBC news at 3 A.M.

CHILE CEL180, 11.895 mcs., heard after 8 A.M. and until midnight. Strong signal.
CEL185, 11.850 mcs., heard until 11 P.M. and occasionally later. Fair but there is interference from DJP.
CE970, 9.730 mcs., heard regularly until sign-off at midnight, in English.

CHINA XGOY, 15.225 mcs., tested recently at 5 A.M. Requested reports.
XGOY, 11.900 mcs., much better now with clear, steady signal. Broadcasts to New Zealand with news at 6 A.M.
XGRS, 11.685 mcs., is often bothered by code. Has program with news from 7-8 A.M. Gives news of Shanghai Sundays at 7:30 A.M.

COSTA RICA TIPG, 9.615 mcs., is heard through VLC6 at 8:45 A.M.

ECUADOR HCJB, 12.455 mcs., now broadcasts in English until 12:30 A.M. Sundays.
HCJB, 15.095 mcs., heard at 4 A.M. HCJB, 9.958 mcs. fair at 11 P.M.

ENGLAND GRB, ABSIE, 6.010 mcs., very fine. News at 3:30 and 6:15 P.M.
GRR, 6.070 mcs., to India in Hindustani with GRM, 7.120 mcs., from 12:15-12:45 P.M.
GRM, 7.120 mcs., broadcasts to the Pacific from 1-3:45 A.M.
GWL, 7.205 mcs., at 3 A.M. with GWL. Code messages. Fine signal.
GSW, 7.230 mcs., very fine at 1 A.M. until KWIX opens at 3 A.M. Programs directed to the British Pacific Fleet.
GRJ, 7.320 mcs., excellent at 4 P.M. with AFRS program. U.S. news at 4 P.M.
GSB, 9.510 mcs., fine with GFP from midnight-4 A.M.
GSC, 9.580 mcs., very fine at 6 P.M. Also on GSD and GSE.
GRY, 9.600 mcs., to Pacific Fleet midnight-4 A.M. Great signal.
GWO, 9.620 mcs., carries GPF but only fair.
GVZ, 9.640 mcs., to Pacific and New Zealand from 1-5 A.M.
GVX, 9.690 mcs., terrific to New Zealand from 1-5 A.M. GRU, 9.915 mcs. fine at 2 A.M. (Continued on Page 12)

HIGH FREQUENCIES (Continued from Page 11)

BRAZZAVILLE Radio Brazzaville, French Equatorial Africa, 9.440 mcs., with news at 2:45 P.M. Announces as in the 31 meter band.

SAIGON Radio Saigon, French Indo-China, 11.775 mcs., with news at 6:30 A.M. Australian period; news and messages at 7:10 A.M.

GUATEMALA TGWA, 9.760 mcs., much better on this frequency. Heard until 2 A.M.

HAWAII Verification received via air mail (cost 55 cents). Now heard from 7 P.M.-2:45 A.M. on 17.800 mcs. and on 9.590 from 3:15-11:15 A.M. Programs consist of- 7-11 P.M. Chinese; 11-11:45 P.M. English; 11:45 P.M.-12:30 A.M. AFRS; 12:30-2:45 A.M. in Japanese. All these on 17.800 mcs. 3:15-11:15 A.M. in Japanese on 9.590 mcs. 11:30 A.M.-3 P.M. to Philippines on 6.120 mcs. News in English ----- five minutes every hour on the hour. Address is Chief of Radio Division, U.S. Government Office of War Information, Central Pacific Operation, P.O. Box 3740, Honolulu, T.H.

INDIA VUD9, 11.870 mcs.; news at 9:45 P.M.
Latest schedule gives this information: Frequencies and power of Delhi stations as follows: VUD2, 10 kw., 3.490, 4.960, 6.190 mcs.; VUD4, 10 kw., 7.290 mcs.; VUD6, 10 kw., 6.060, 7.210 and 11.830 mcs.; VUD8, 7.5 kw., 15.350 and 7.240 mcs.; VUD3, 5 kw., 6.050, 11.760, 9.630, 4.960 and 3.335 mcs.; VUD5, 100 kw., 6.150, 7.275, 11.760, 15.190 mcs.; VUD7, 100 kw., 6.100, 6.190, 9.590 and 11.790 mcs.; VUD9, 7.5 kw., 11.870 and 9.630 mcs. BOMBAY- VYB2, 10 kw., 3.365, 4.880, 6.150 mcs.; CALCUTTA- VUC2, 10 kw., 3.305, 4.840 and 6.010 mcs.; MADRAS- 500 watts, 4.920 and 6.085 mcs.

ITALY Enemy "Jerry Front" now heard until 2 A.M. POW names at 1:15 A.M. Frequency is 6.400 mcs.
Radio Atlantik, 6.212 mcs., also signs at 2 A.M. instead of 3 A.M.
The Voice of Italy, Rome, 6.030 mcs., heard until 4:50 P.M.

JAPAN Stations on 11.897 and 15.160 mcs. with news at 5 P.M.

MALAYA Schedules the same. Heavy code on 9.555 mcs. now. 6-6:45 to Australia and New Zealand.

PHILIPPINES WVLC, Manila, heard at 5 A.M. daily with Philippine Hour. Verified by letter- U.S. Army, Southwest Pacific, P.O. Box 500, c/o Postmaster, San Francisco.

SPAIN Radio Nacional de Espana, 9.460 mcs., now settled on this frequency, is heard daily from 1-3:30 P.M. in English. Heard to 5 A.M. and later in Spanish.

TURKEY TAP, very fine until 4:45 P.M. Sundays with Mail Bag program. Called many U.S. DXers.

SWITZERLAND Back to Winter schedule for Australia and New Zealand. Heard on HEK4, 11.960 and HBJ2, 12.960 mcs. Tuesdays and Saturdays from 1-2:30 A.M.

NEW ZEALAND New short wave transmitters completed final tests and soon to be in operation on 6.080, 9.540, 11.780 and 15.280 mcs. Two 10 kw. transmitters, the start of the Dominion 100 kw. short wave transmitters to be on the air in the future. 1 and 1/4 million dollars have been set aside for this project. Broadcasting to the Pacific on opening and later to West Coast of the U.S.A. Operated by Government's National Broadcasting Service.

Receipt of 25 verifications brings my SW verifications total to 424 in 72 countries. BCB verified total is 345 stations in 16 countries.

My report to the Canadian, CHTA, was the first from the Pacific. This station hopes to open in the 11 and 9 mcs. bands as soon as antenna facilities are available.

SW TIP

Acting Short Wave Editor James J. Hart informs us that the call of the American Forces station in Japanese waters, and specifically, Tokyo Bay, is KULM. For the time being KULM's broadcasts will be relayed through KU5Q, 17.810 megacycles, Guam, to KKU, 15.850 mcs., San Francisco. The frequency on which KULM is to operate was not known at this writing.

HIGH FREQUENCIESBy James J. Hart

I have been asked many times how I manage to log so many stations that have no regular operating schedule or those supposedly off the air, such as France, Germany or Japan. Here is my plan.

If you tune in the world-wide news over the NBC, CBS or Mutual at 8 A.M. or from 6:30-7:30 P.M. you will hear rebroadcasts from those countries. I then tune to the commercial phone stations from 7 to 9 megacycles in the morning; 11 mcs. during the afternoon and 15 mcs. during the evening. By so doing you will hear the networks contacting the above countries.

For instance- KEB, 6.890 mcs.; KKH, 7.520, or KES2, 8.930 mcs. may be heard talking to Japan or Guam from 7 to 9 A.M. KGE8, 9.390 mcs., may be calling Manila at the same time. During the evening, KKL, 15.475 mcs., or KQJ, 18.020, may be heard doing the same. You will hear them for instance, calling JZK, 15.160, or KU5Q, 17.820 mcs. I then tune to those frequencies and if the stations are heard I continue to listen. If not, then I go back to the U.S. contact for on several occasions they have asked the foreign stations to change frequency and use another transmitter.

Here is where a second receiver would be very useful for it then would be possible to hear both ends of the conversation.

In this connection, I must again caution listeners that what they hear on these commercial frequencies must not be repeated. Should you request a verification from these stations you may report you heard them calling such-and-such a station at a given time and after making contact they signed off at exactly such-and-such a time. You might add that the program was for a certain network but do not tell what you heard.

Some of the New York commercials are WEG, WED, WQV, WQJ, WLK and WKS. These may be heard calling most anywhere as they are RCA and Press Wireless stations and they maintain world-wide communication service.

I am certain that if any listener tunes in any of these stations he will be rewarded with some real DX as on many occasions they will be making recordings of commentators who are not available at the time the relays are broadcast over the networks. Therefore, their talks are broadcast at the time most convenient to your local station.

Mcs. Station, Location, Operating Hours (EPT), Etc.

- | | | |
|--------|--------------|---|
| 17.680 | 1-Victor-530 | Hongkong, China, a portable transmitter set up for press news and rebroadcasts, uses a whip aerial. Is also on 10.640 mcs. Was heard on the 17.680 mcs. wave broadcasting news at dictation speed. The 10.640 mcs. frequency wasn't heard. This reception was at 6:30 P.M. September 18, 1945. Manila and Guam were the U.S. contacts. (Hart) |
| 16.385 | ICD | Rome, Italy, used for program to CBS at 8 A.M. Good signals. Signed off at 8:15 A.M. New York contact was WQG whose frequency at the time is unknown. (Hart) |
| 16.025 | WXFD | Believed to be in the Aleutians, in contact with WVD, Seattle, Wash., relaying messages to the servicemen's homes in the U.S. at 4 P.M. WXFD may be heard after 9 P.M. on 12.255 mcs. WVD's frequency not known. However, they use several; 11.940 and 9.740 mcs. are two of them. (Hart) |
| 15.935 | MCD3 | Paris, France, on for the networks at 8 A.M. daily. New York contact is WRK, 15.910 mcs. Signs off as soon as program material is concluded. (Hart) |
| 15.875 | ---- | Born, Switzerland, heard VFB from 3:20-3:52 P.M. daily. News in English at 3:25 P.M. (Gil Harris, Mass. and Charles Sutton, Ohio) |

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HIGH FREQUENCIES
(Continued from Page 9)

<u>Mcs.</u>	<u>Station</u>	<u>Location</u>	<u>Operating Hours (EPT)</u>	<u>Etc.</u>
15.860	DHTB	Berlin, Germany.		This is a Press Wireless station which relays programs to the U.S. networks. Heard at 7:30 A.M. Other frequencies of this station are 12.005 and 8.135 mcs. (Hart)
15.750	----	Radio Centre, Moscow,		heard with a War and Peace talk September 2 at 1:14 P.M. Another Moscow station on 12.260 mcs. was heard with excellent signals at 9:25 P.M. (Harris) This station has two new schedules- from 12:40-1:30 P.M. and from 2-2:30 P.M. (Sutton)
15.595	----	Radio Brazzaville, French Equatorial Africa,		from 5:45-9 A.M. with news at 8:15 A.M. Brazzaville uses another frequency at the same time- 17.530 mcs. This frequency can be heard during the afternoon from noon to 6 P.M. (Sutton)
15.280	ZL4	Wellington, New Zealand,		will, in the near future, be testing their new transmitters. They have two in course of construction and they will be operated by the Dominions National Broadcasting Service. Other calls and frequencies will be as follows: ZL3, 11.780; ZL2, 9.540 and ZL1, 6.080 mcs. Eventually the power will be increased to 100 kilowatts. (Hart)
15.200	VLA	Australia (exact location not known),		announces this frequency at 5 A.M. Also heard VLA4, 11.770 mcs., at 8:45 A.M. Those are new calls and frequencies for Australia. (Hart)
15.160	JZK	Tokyo, Japan, under U.S. control now,		is used for relays to the U.S. networks from 6:30-7:30 P.M. U.S. contacts at San Francisco are KKL, 15.475 and KQJ, 18.020 mcs. I have recently heard KKL ask Japan to put JAG, 17.830 mcs., on the air as a parallel station to JZK. (Hart)
15.155	SBT	Motala, Sweden,		heard irregularly from 11-11:55 A.M. with news in English at 11 A.M. (Sutton)
12.400	----	Parade, Portugal,		a new short wave station operated by the Radio Club Portuguese, heard with good signals at 3 P.M. Woman announcer. Interval signal consists of one stroke on a gong. (Hart)
12.270	----	Radio Ejercito, Punta Arenas, Chile,		the most southerly station on the western hemisphere. is being heard nightly beginning at 9 P.M. Signal is best at about 10:30 P.M. when news in Spanish is given. Easy to identify. Gives call every 15 minutes. (Hart)
12.260	----	Radio Moscow heard in parallel with Leningrad,		9.713 mcs., at 3:30 P.M. Both stations had excellent signals. All-Russian program. (Hart)
12.120	THA1	Radio Franco, Algiers, Algeria,		is on throughout the afternoon beginning at 2 P.M. Has excellent signal and woman announcer. One stroke on a gong precedes announcements. (Hart)
11.900	CXA10	Montevideo, Uruguay,		heard September 3 signing off at 10:14 P.M. (Harris)
11.820	XEBR	Hermosillo, Mexico,		heard signing on at 10 A.M. Has a very pleasing musical theme prior to opening announcement. The news in Spanish follows. Signal is from fair to good. (Hart)
11.810	ZOJ	Colombo, Ceylon,		has made a slight change in time of broadcasts, viz: 8:15 A.M., French; 8:30, English and Malayan at 8:45 A.M. when announcer said the station would return to the air at 10:30 A.M. with another English news period. (Hart)
11.765	----	Voice of America in North Africa, located in Algiers.		Heard during the morning on this frequency and on 9.610 mcs. in the afternoon until 6:15 P.M. (Correction: Is on 9.610 mcs. in the afternoon and on 6.040 mcs. in the late afternoon until 6:15 P.M.) All three stations have fine signals although the 9.610 mcs. one is in a bad spot with Paris on 9.613 and Panama on 9.605 mcs. (Sutton and Hart)

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HIGH FREQUENCIES

(Continued from Page 10)

Mcs.	Station	Location	Operating Hours (EPT), Etc.
11.760	VUD10	Delhi, India,	from 6-7:10 P.M. when signals fade. Then at 9 P.M., VUD8, 15.350 mcs., also in Delhi, can be heard until 10 P.M. (Sutton)
11.720	CKRX	Winnipeg, Manitoba, Canada,	heard at sign-off at 10:30 P.M. Announces that all correct reports will be verified. (Sam Bernardino, North Arlington, N.J.)
11.640	PRE-WY	11, Manila, Philippines,	with relays to the U.S. from 8-8:30 P.M. (Sutton)
11.090	----	Ponta Delgada, Azores,	daily from 3-4 P.M. (Harris)
11.040	C3W6	Lisbon, Portugal,	with American dance music and songs in English from 3:45-4 P.M. when it signs off, after rendition of Portuguese national anthem. A series of chimes is rung. (Bernardino)
9.833	COBL	Havana, Cuba,	has returned to the air and is being heard from 8:15 A.M. to midnight. (Sutton)
9.823	----	Radio Vienna, Austria,	heard from fade-in at about 4:30 P.M. until 5:07 P.M. when GRH, 9.825 mcs., puts its carrier on the air. Good signal. Presents musical program until 5 P.M. followed by a talk in Austro-German. My request for a veri returned by the Post Office Dept. No mail service as yet to Austria. (Hart)
9.810	XGOY	Chungking, China,	seems to have settled on this frequency after trying several in the 31-meter band. Signals are very good and there is no interference. Can be heard from 7-9:30 A.M. News in English at 7:25 A.M. (Hart) Relays to U.S. networks from 8-8:30 P.M. (Sutton)
9.713	----	Radio Leningrad, U.S.S.R.,	from 5-7:30 P.M. Jap program at 6 and one in English at 7 P.M. (Sutton)
9.710	CR7BE	Lourenco Marques, Mozambique,	is now being heard during the afternoon relaying AFRS programs. Signs off at 4:35 P.M. (Hart)
9.690	HJCAB	Bogota, Colombia,	with program of concert music from 2:30-3 P.M. This was evidently a national program as the announcer gave the calls of five other Colombian stations. (Hart)
9.680	VUD6	Delhi, India,	with excellent signals at 7:45 A.M. when program is beamed upon Asia. (Hart)
9.660	VLQ3	Brisbane, Australia,	from 2:30-3:15 A.M. sign-off. Signals range from fair to good. They should improve. (Hart)
9.625	XGCA	Kalgan, North China,	is again being heard with fine signals. Has all-Chinese program. Easy to identify. Can be heard beginning at 7:30 A.M. (Hart)
9.620	----	Paris, France,	signing on at 2:30 P.M. with all-French program. Program is different from that radiated on 9.520 mcs. (Hart)
9.590	VUD4	Delhi, India,	has period of news in English daily at 8 A.M. lasting 10 minutes. Is heard also at 3:45 P.M. with an all-India program. Has good signal and is heard easily when PCJ is silent. (Hart)
9.555	ZHP	Singapore, Straits Settlements,	is back on the air under British control with a signal much improved over that when it was run by the Japs as Radio Saigon. Employs men and women announcers. Gives call as British Military Administration station at Singapore. At 7:30 A.M. the time was announced as 19 hours and 50 minutes, Malaya Standard Time. From 6:30-7:30 A.M. the program is in English. From then on in Malayan. (Hart)
9.540	VLC5	Shepparton, Australia,	has program for eastern North America from 8-8:45 A.M. Calls WIN for relay from 8:20-8:30 A.M. Other new Australian calls and frequencies, but no locations announced as yet, are: VLA6, 15.220 mcs., from 11 P.M.-1 A.M. and from 1:10-1:45 A.M.; VLA4, 11.770 mcs., 6:15-9:30 A.M. Still another change is VIW7 at Perth on 9.520 to VIW6, 9.680 mcs. A much improved signal is noted in its present spot. (Sutton) (Continued on Page 12)

HIGH FREQUENCIES (Continued from Page 11)

<u>Mcs.</u>	<u>Station</u>	<u>Location</u>	<u>Operating Hours (EPT)</u>	<u>Etc.</u>
9.535	SBU	Stockholm, Sweden,	heard September 15 at 5 P.M.	(Harris)
9.525	JLU2	Tokyo,	is used for relays to the U.S. networks at 7:30 A.M.	San Francisco contacts are KEB, 6.890; KES2, 8.930 and KES3, 10.620 mcs. Also heard calling JLS, 9.655 mcs. but said Tokyo signals were inaudible. (Hart)
9.465	TAP	Ankara, Turkey,	with Mailbag Program No. 45 from 4:25-4:45 P.M.	September 2. (Harris)
9.390	KGE8	Los Angeles, Calif.,	Press Wireless station, contacts PRE WY 6 (frequency unknown) for material to be rebroadcast from Manila at 7:30 A.M.	(Hart)
9.370	----	Radio Nacional de Espana, Madrid, Spain,	signed on at 7:30 P.M. On another occasion sign-on was at 4 P.M. with news in English at 4:45 P.M.	Heard at 4:01 P.M. September 17 asking for reports. (Harris)
9.320	----	Radio Nacional de Espana, Madrid, Spain,	is on from 4:45-6 P.M. daily. News in English at 4:45 P.M.	(Sutton)
9.220	----	Radio Khartoum, Anglo-Egyptian Sudan,	heard through severe QRM and CW interference from 4:30-5:03 P.M. Plays popular dance recordings and signs off with the well-known "Goodnight Waltz".	By careful tuning sufficient material may be procured to warrant issuance of a verification. (Hart)
8.825	COCQ	Havana, Cuba, and COCO,	8.700 mcs., also in Havana, broadcast a program in English at 7:30 A.M. daily.	(Bernardino)
7.671	KU5Q	Guam,	calls San Francisco at 10:30 A.M. Can also be heard on 9.330 mcs. at 9 A.M. with news bulletins.	(Sutton)
7.240	----	Paris, France,	with one of the Armed Forces programs at 5 A.M. Gave time as 1900 Paris Meridian Time.	(Hart)
6.715	ZLT7	Wellington, New Zealand,	with fair to poor signals daily at 5:30 A.M. Very erratic with signals varying from day to day.	(Bernardino)
6.455	COHI	Santa Clara, Cuba,	has new schedule- from 8 A.M. to 2 A.M. next day.	(Sutton)
6.080	AFN	American Forces Network,	as mentioned in the September 1st bulletin, is definitely in London. Announcer gave this location but many of its programs originate in Paris.	(Hart)
5.997	----	Radio Andorra, Andorra,	broadcasts a Spanish program from 7:10-7:30 P.M. daily.	(Sutton)
5.885	ZRK	Capetown, South Africa,	from 12:45-2:30 A.M. BBC news is rebroadcast at 2 A.M.	(Sutton)

Earl Roberts, SW editor serving in the U.S. Air Force, writes from Albuquerque, N.M., as follows: "Just received a QSL card from OZ9Q, Odense, Denmark, verifying my reception of his 20 meter fono station at 0133, GMT, March 20, 1938. He operated on 14.1 mcs. with 100 watts. This card is postmarked August 14, 1945. Darned nice of a ham to verify a report after seven years, don't you think?"

Radio Omdurman, Omdurman, Anglo-Egyptian Sudan, heard from 4:15-5:03 P.M. There were no announcements between dance selections. Signs off with the "Goodnight Waltz" during which an announcer with a pronounced English accent bids "good night wherever you may be from the Sudan Broadcasting Service". Radio Omdurman operates on a frequency of 13.315 mcs.

KULM, 7.640 mcs. on the battleship Iowa, 963 miles east of Okinawa, on its way to Pearl Harbor, heard with a commentator at 7:15 A.M. September 26. Not bad if I do say so myself. (Ed.)

Gil Harris reports Radio Nacional Belge from 8:15-8:21 P.M. with news in English on 9.745 mcs.; CXA19, Montevideo, Uruguay, signing off at 11 P.M. on 11.705 and Radio Parade, Portugal, 12.400 mcs., from 2:30-6:30 P.M. Sundays.

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HIGH FREQUENCIES (Continued from Page 12)

Charles S. Sutton, Toledo, Ohio, submits the following list of crystal-controlled frequencies of the Press Wireless short wave stations used for contacts and relay of programs to various countries of the world. Language used is according to the country to which the program is transmitted:

Mcs.	East Coast	West Coast	Mcs.	East Coast	West Coast
4.715	WCR	KGT	13.790	WBG-8	KJN-3
5.350	WOD	-	13.840	WPK	KGT-8
5.355	WCF	-	14.635	WPU	KJN-4
6.920	WEE	KGT-3	15.565	WCP	-
7.340	WBG-3	KJE-5	15.610	WBG-5	KJN-5
7.355	WBS	KJE-6	15.640	WBG-9	KJN-6
7.510	WDD	KGT-4	15.700	WJS	-
7.620	WBG-7	-	15.740	WCA	KCI-4
7.625	WDQ	KGT-5	15.825	VBC	KCI-5
7.850	WCX	KGI-8	15.850	WCW	KJE
7.955	WHL	KCI	15.910	WRK	KCI-8
8.810	WJP	KGT-6	18.510	WHL-3	KCI-7
9.390	WCL	KJE-8	18.560	WRM	KJN-8
10.010	WJQ & WGB-7	KGT-7	19.470	WDH	KJE-2
10.750	WHL	KJE-9	19.850	VBE	KJE-3
11.460	WHL-2	KGI-3	20.800	WRP	KJN-9
13.185	WPK-2	KJN-3	22.780	WBH	KCI-9

Brother Sutton writes further: "It will be a pleasure to compile a U.S. commercial phone list if a sufficient number of NNRC members are interested. So, let's have your requests!"

This energetic Newark News Radio Club member presents a review of his best short wave stations logged between September, 1944 and September, 1945. Countries and cities or towns in which the stations are located appear in the following list and continents heard include Asia, Australia, Africa, Europe and North, South and Central America. We congratulate Brother Sutton on this exceptionally fine list:

Mcs.	Station	Location
5.710	MTCY	Hsinking, Manchukuo (China)
6.715	ZLT7	Wellington, New Zealand (near Australia)
7.050	Radio Accra	Accra, Gold Coast (Africa)
7.090	YI5KB	Baghdad, Iraq (Asia)
7.300	VUD5	Delhi, India (Asia)
7.480	XGOI	Shanghai, China (Asia)
7.530	Radio Macao	Macao, Portuguese China (Asia)
7.830	Radio Corso	Ajaccio, Corsica (Europe)
7.795	WVLC	Leyte, Philippines (Asia)
8.025	FXE	Beirut, Syria (Asia)
9.465	CR6RA	Luanda, Angola (Africa)
9.690	JIE2	Taiwan, Tsihoki (Far East)
9.730	XGOA	Chungking, China (Asia)
9.902	ZTJ	Johannesburg, South Africa (Africa)
10.810	EPF	Teheran, Iran (Asia)
11.680	XEC	Dutch New Guinea (Far East)
11.810	ZOJ	Colombo, Ceylon (near India)
11.960	Radio Tiflis	Tiflis, Georgia, U.S.S.R. (Asia)
12.115	ZNR	Aden, Arabia (Asia)
12.127	Radio Tananarive	Tananarive, Madagascar (near South Africa)
12.235	TFJ	Reykjavik, Iceland (Europe)
13.060	NFM	Hawaii (Asia)
15.320	OQ2AB	Radio Congolia (50 watts) Belgian Congo (Africa)
15.585	Radio Salisbury	Southern Rhodesia (Africa)
18.135	JBC	Batavia, Java (Asia)

HIGH FREQUENCIESBy James J. Hart

Now that the war is over and fine, new receivers will soon be available to the public, I look forward to an increase in the number of devotees of that great hobby, DX, both on the short waves and on the broadcast band.

Well do I remember the thrill of hearing for the first time "This is KFI, the Earl C. Anthony station at Los Angeles". Then after a few years of listening on the broadcast band to stations all over the world I decided to try for greater distance and all-year distant reception on the higher frequencies.

Despite the fact I had good receivers, I could not or rather did not know how to tune in those short wave (or skip as they are known) stations, due no doubt to the fact I wasn't sufficiently patient or didn't wait long enough for the signals to build up. I am therefore offering a little advice to DX beginners and to those old timers I am going to make a request that they co-operate to help the newcomers become proficient DXers or as we termed them in the good old days, "one-mies of sleep". But nowadays you do not have to get up in the middle of the night to hear Australia, China, South America or the numerous European countries. They are at your fingertips 24 hours a day.

Now here is my suggestion to you old timers at the game. When you hear a station and are kind enough to send in reports which help me so much, I would appreciate it if you would mention the type or kind of sign or signal that is used by the station and if a national anthem is played. For instance- the Australian stations sign on with a recording of the call of the Kookaburra bird which sounds similar to the bray of the laughing jackass. Then the Moscow stations play a recording of the Kremlin bells for a few minutes prior to opening announcements.

In other words, if you will let me know just what you hear at sign-on and sign-off I will be only too pleased to pass the information along to the newcomers who will then have an idea as to just which station is coming on or going off the air even though the station may announce in a foreign language. Also, verification of reception, if the listener is able to tell the station that a certain interval signal was heard at the exact time, will be expedited.

And now a reminder. Don't forget to tune for your favorite stations an hour earlier. While the United States has gone off war time and is now on standard time, the other nations have not as yet changed their schedules. A further reminder concerns the deadlines for bulletins which, during the DX season, will be issued twice a month. Your reports should be in by the 10th and 25th days of every month.

Mcs. Station, Location, Operating Hours (EST), Etc.

21.675	GVR	London, new station heard from 7-8:30 A.M. (Charles S. Sutton, Ohio)
19.700	PUSC	Rio de Janeiro, Brazil, new phone station, heard contacting WCD, 18.960 mcs., New York, from 12:30-1 P.M. R7. (Sutton)
18.020	KQJ	San Francisco and KKL, 15.475 mcs., call KU5Q, Guam, during the evening. The latter station can be heard between 2 and 10 P.M. on 17.820 or 15.900 mcs. It is on 12.250, 9.330 and 9.670 mcs. during the morning beginning at 2 A.M. (Sutton)
17.840	----	Radio Eire, Athlone, Eire, heard September 29 at 1:46 P.M. Signed off at 1:51 P.M. Requested reports. (Gilbert Harris, Mass.)
17.983	KHE	Honolulu, Hawaii, relaying program from BCB station KGMB to the U.S. mainland at 6:30 P.M. (Hart) Also heard calling San Francisco at 6 P.M. (Sutton)
17.900	KBE	Los Angeles, testing with Pre-Wy 9 (frequency unknown but it is in the 9 mcs. group) at 1:30 P.M. (Hart)
17.720	LRA5	Buenos Aires, Argentina, with program in English from 4-4:15 P.M. Occasionally continues until 4:27 P.M. (Sutton)
17.530	----	Radio Brazzaville, French Equatorial Africa, signed on at 10:58 A.M. September 30 and followed with a program of music. (Harris)

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HIGH FREQUENCIES

(Continued from Page 10)

Mcs.	Station	Location	Operating Hours (EST)	Etc.
15.875	HEK5	Bern, Switzerland	daily with program in English from 2:20-2:50 P.M.	Also heard HEO5 on 15.830 mcs. calling New York for traffic at 2:15 P.M. (Sutton)
15.750	----	Radio Centre, Moscow, U.S.S.R.	heard September 29 at noon with news in English. Signed off at 12:26 P.M. Heard again signing off at 1:26 P.M. and between 11-11:23 A.M. (Harris)	
15.315	VLQ4	Shepparton, Australia	is regisitering with good signals from 10 P.M. to midnight. News at 11 P.M. Two other Australians that are putting in good signals at the moment are VLC6, 9.615 mcs. from 10-10:45 A.M. and VLQ2, 7.215 mcs., Brisbane, from 7-8:30 A.M. VLQ2 features the news from 7 to 8 A.M. (Sutton)	
15.155	SBT	Stockholm, Sweden	at 2 P.M. September 29 with good signal. Also at 11 A.M. next day but with poor signal. (Harris)	
15.100	HCJB	Quito, Ecuador	has good signals from 5-9 A.M. A new station in the city of Quito, HCLBF, is getting out with a nice signal from 8-8:30 P.M. (Sutton)	
14.800	WQV	New York	testing with KKL, 15.475 mcs.; KLL, 13.720 and KQJ, 18.020 mcs. San Francisco, and KXI, Manila (frequency unknown) at 6 P.M. during telephone employees strike to make certain transcontinental phone lines were available so that communications to the Orient would not be disrupted. It was quite interesting to hear it done. Tune in yourself to see how all this was accomplished. (Hart)	
13.390	KU5Q	Guam	is now using this frequency for evening transmissions and 9.140 mcs. during the morning. These are new frequencies for Guam. (URDXC)	
12.400	----	Radio Parede, Portugal	has fair signal between 2-2:40 P.M. At sign-off announces as Radio Club Portugueso. (Sutton)	
11.970	----	Radio Brazzaville, French Equatorial Africa	is in parallel with 9.440 mcs. from midnight-1:30 A.M. (Sutton)	
11.780	XENN	Mexico City	uses the slogan "Radiomundial" and is a new station that can be heard from 7-8 P.M. Still another new one in Mexico City, XERH, 11.880 mcs., employs the slogan "Sal de Uvas" Picot! This one has been testing from 8-8:30 P.M. Some QRM. (Sutton)	
11.778	----	Radio Saigon, French Indo-China	with excellent signals at 7 A.M. daily. The woman announcer sounds like the one who announced before the Jap invasion. All-French program from 7-7:30 A.M. (Hart)	
11.680	KIO	Kahuku, Hawaii	relays Manila at 7:45 A.M. (Sutton)	
11.635	----	Radio Centre, Moscow	is on at the following times: 12-12:10 P.M. with news in English and sign-off at 12:28 P.M.; 11-11:28 A.M.; 11:30-11:59 A.M. Also said they were on the 19 and 35 meter bands. (Harris)	
11.090	----	Ponta Delgada, Azores	from 2-3 P.M. with signal 40 D.B. above R9. Broadcast an enjoyable program of music. (Harris)	
11.040	CSW6	Lisbon, Portugal	signed off at 3 P.M. (Harris)	
10.220	PSH	Rio de Janeiro, Brazil	employs a woman announcer on its 5 P.M. program. Signs off at 6 P.M. with national anthem. (Hart)	
10.155	MCD3	Paris, France	on for the networks at 6:30 P.M. with very good signal. No interference on this wave. New York contact is WJK. (Hart)	
10.130	HH3W	Port-au-Prince, Haiti	at 10:58 P.M. September 29. (Harris)	
10.055	SUV	Cairo, Egypt	at 3:06 P.M. October 5, calling GB2, London, for relay in a foreign language. Signals very good. Signed off at 3:37 P.M. (Harris)	
10.010	----	Station on this frequency (may be WJQ, Hicksville, N.Y.)	at 1:15 P.M. October 5 with talk in French and some music. Also the New York News Letter. (Harris)	(Continued on Page 12)

HIGH FREQUENCIES

(Continued from Page 11)

- Mcs. Station, Location, Operating Hours (EST), Etc.
- 9.810 XGOYS Chungking, China, is being received with excellent signals since V-J day. Has news in English at 7:15 A.M. (Hart)
- 9.790 TGWA Guatemala City, Guatemala, slogan La Voz de Guatemala, has a fine signal during the evening. (Sutton)
- 9.740 CSW7 Lisbon, Portugal, from 7-8 P.M. October 7. (Harris)
- 9.690 HJCAB Bogota, Colombia, daily from 7:15-7:45 P.M. Presents a newscast at 7:30 P.M. (Harris)
- 9.660 HVJ Vatican City, with talk in English at 1:15 P.M. September 29. Uses a metronome for interval signal. Despite listening to the metronome for 30 minutes, no further program was heard. (Hart)
- 9.630 CBFX Montreal, Quebec, relaying CBCF at noon October 7. (Harris)
- 9.630 CBFX Montreal, relays NBC programs daily and is usually best at 11 A.M. It seems strange but the Canadian stations put in a very poor signal during the day even though they use comparatively high power. (Hart)
- 9.610 AFRS Here is a good one to try for. I monitored it for about five hours but failed to hear its location mentioned. At 8:30 A.M. they gave the time as 8:30. All programs are relays of the U.S. Any help as to the location of this one? (Hart)
- 9.570 KWID San Francisco, the United Network with studios in the Fairmount Hotel, announced they would be on the air from 6 A.M.-10 P.M. PST. (Harris)
- 9.555 ---- Singapore, British Administration Station (call ZHP not used), is being heard with English program at 7:15 A.M. This seems to be a reversal of original programs when Malayan was used at that time. (Our time was 8:15 A.M. EWT, then). (Hart)
- 9.500 OIX2 Lahti, Finland, at 7:10 A.M. with series of chimes repeated several times previous to sign-on at 7:15 A.M. Fair signal. (Hart)
- 9.470 CR6RA Luanda, Angola, is now in the clear from 3-3:30 P.M. when it signs off. Plays American dance music (recordings) with singing in English. Has woman announcer. Signs off with Portuguese national anthem and a series of 12 notes on chimes. (Harris and Hart)
- 9.385 ---- Radio Congo Belge, Leopoldville, Belgian Congo, VFB at 3:15 P.M. Had a musical program at 3:40 P.M. (Harris)
- 9.363 COBC Havana, Cuba, has a bad second harmonic on 18.726 mcs. (Sutton)
- 9.360 ---- A station on this frequency may be Radio Continjo, Yugoslavia. Heard giving names and addresses with musical interlude from 1:30-2:58 P.M. Any help on this one? (Harris)
- 9.210 HI2G Trujillo, Dominican Republic, is putting in a nice signal at present. Announces at 10 and 40 minutes past the hour. All Spanish program. (Hart)
- 9.185 HET4 Bern, Switzerland, presents a very enjoyable program of folk music and yodeling at 7:15 P.M. daily. (Hart)
- 8.035 ---- A station on this frequency and another on 8.020 mcs. with French program. These may be FFE and CNR. (Harris)
- 7.305 ---- Moscow, in parallel with Komsomolsk, 11.885 mcs., from 5:47-6:25 P.M. News at 6 P.M. Other Moscow frequencies and times heard are as follows: 11.885 mcs. from 6:40-7:45 A.M.; 12.260 mcs. to Siberia from 8-9:20 P.M. from Moscow; 9.565 mcs. from 6-9 A.M. from Komsomolsk. News in English at 6:40 A.M. (Sutton)
- 7.210 HI8Z Santiago de los Caballeros, Dominican Republic (new station), through severe QRM from 3-5 P.M. (Sutton)
- 7.010 XPSA Kweichow, China, is back on the air from 5-10 A.M. with news in English at 8 A.M. (URDXC)

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HIGH FREQUENCIES

(Continued from Page 12)

Mos.	Station	Location	Operating Hours (EST)	Etc.
6.750	JVT	Tokyo,	is currently used for relays to the U.S. networks at 7:30 A.M.	as JIS, 9.655 mcs. begins to fade at that time. Still another reason JVT has always been a commercial phone while JIS is primarily a broadcast station. (Hart) JIS heard calling KES at 12:20 P.M. (Sutton)
6.205	PK8AA	Noumea, New Caledonia,	is still putting out a good signal until sign-off at 5:02 A.M.	This station sends a nice veri and anyone who saves postage stamps as a hobby can add one of the prettiest ever to his collection. (Hart)
6.155	CS2WD	Radio Renascenca, Lisbon, Portugal,	with program of American dance music at 4:30 P.M.	All announcements are in Portuguese. (Hart)
6.150	YUA	Belgrade, Yugoslavia,	with strong signals (but with severe QRM from HI2G, 6.147 mcs.)	broadcasting news in Slovak at dictation speed at 5:10 P.M. (Hart)
6.120	KRHO	Honolulu, Hawaii,	has the finest signal in the 49 meter band at 5 A.M.	Program consists of news in English, Chinese and Jap news and their type of music. (Hart)
6.010	KROJ	San Francisco,	relays programs of the AFPS at 5 A.M.	(Hart)
6.005	CFCX	Montreal,	throughout the evening until 10:15 P.M.	(Sutton)
	HP5K	Colon, Panama,	with good signal from 10:30-11 P.M.	after CFCX leaves the air. Another station in Panama, HP5G, 11.780 mcs., is good from 8:15-10 A.M. (Sutton)
6.000	ZFY	Georgetown, British Guiana,	daily from 2:15-7:15 P.M.	(Sutton)

WXA, Juneau, Alaska, has been heard talking to WVD, Seattle, every evening at 6:30 on 9.920 mcs. The Alaskan's signals are very strong. (Hart)

Your pinch-hitting SW editor has a letter from S.B. Breimer, engineer at station PCJ, Hilversum, Holland, dated September 2, wherein it is stated that my report was the first one from America since resumption of broadcasting free from Nazi domination. Commenting further, Mr. Breimer says:

"Thank God the war is over comes from the depth of our hearts and you can imagine how thankful we all are to the U.S.A. for all it has done in the war for Holland and the entire world. Now something about the history of PCJ. In May, 1940, when you heard its last program, PCJ was blown up by the Dutch military people before the Huns came to occupy it but they had too little material to do the job perfectly.

"The Germans started to bring the station in working order again and they succeeded by the end of 1940. Then they pressed the operators to do their job and began to send their Nazi propaganda to the world.

"PCJ has a beam antenna on 31.28 meters fitted to two wooden towers 60 CM high. The towers are anchored to a steel bridge which can be turned on a rail system. The beam can also be directed to any country by means of electric motors near the wheels of the bridge. During the Winter of 1943-44 one feeder junction feeding half of the beam and half of the reflector burned out due to a heavy snowfall. The operators who were always worked by the Germans with guns and pistols at their backs, repaired the junction but twisted two wires of the open spaces feeder line in one tower. The result was that half of the beam and half of the reflector were shifted 180 degrees in phase and the direction of the beam 90 degrees. And the Germans in charge had not the slightest idea as to what had been done and the Nazi propaganda never reached the target for which it was intended.

"Many of the PCJ operators were working with the underground and they keyed instructions to the RAF to shoot up the transformers of the station. In the late Summer of of last year the RAF came over and spread bullets over the station. Many transformers were hit and the station was silent up until now. One Dutchman was killed; another with a broom on his shoulder escaped injury but the broom was shot away from the handle. We thank you very much for your report"

HIGH FREQUENCIES (Continued from Page 13)

Charles S. Sutton, Toledo, Ohio, has compiled the following list of U.S.A. commercial phone stations; numerals represent megacycles. Letters used for locations are B- Bolinas, Cal.; D- Dixon, Cal.; H- Hialeah, Fla.; HY- Hicksville, N.Y.; OG- Ocean Gate, N.J.; L- Lawrenceville, N.J.; LA- Los Angeles, Cal.; NB- New Brunswick, N.J. and RP- Rocky Point, N.Y.

4.097	WND-H	7.510	WDD-HY	10.295	KWY5-D	14.470	WDF-L	17.910	KEB-B
4.1775	WOY-L	7.510	KGT4-LA	10.380	WCG-RP	14.470	WDO-OG	17.920	WQF-RP
4.1775	WOO-OG	7.555	WOZ-L	10.390	KEB-B	14.510	WNC2-H	17.940	WQB-RP
4.2725	WOY-L	7.565	WQM-L	10.400	KEB-5	14.590	WBN-L	17.980	KHE-B
4.2725	WOO-OG	7.565	KWY-D	10.410	KES-B	14.610	WMA5-L	17.980	KQ2-B
4.280	KMI-D	7.565	WDJ-OG	10.550	WOK-L	14.630	WPU-HY	18.000	WBN-NB
4.042	WOM-H	7.575	WDI6-OG	10.560	WMA4-L	14.630	KJN4-LA	18.000	KQG-B
4.535	WDG-RP	7.610	KWX-D	10.560	WDI3-OG	14.770	WEB-RP	18.025	KQJ-B
4.540	WIR-RP	7.610	WNC5-H	10.600	WOW-RP	14.785	WDC-RP	18.040	KQR-B
4.545	WDW-NB	7.610	WOT2-L	10.610	WEA-RP	14.800	WQY-RP	18.240	WDI8-OG
4.550	KEK-B	7.620	WBG7-HY	10.620	WEF-RP	14.815	WQL-NB	18.340	WLA-L
4.555	WDN-RP	7.625	KGT5-LA	10.630	WED-RP	14.830	WKU-RP	18.370	WMA7-L
4.715	WCR-HY	7.625	WDQ-HY	10.640	WOW-RP	15.032	KWY4-D	18.510	WHL3-HY
4.715	KGT-LA	7.715	KEE-B	10.675	WNB-L	15.040	WQG-RP	18.510	KCI7-LA
4.7525	WOO3-OG	7.730	WEY-NB	10.750	WHL-HY	15.055	WNC4-H	18.560	KJN8-LA
4.7525	WOY-L	7.730	KCI8-LA	10.750	KJE9-LA	15.355	KWU-D	18.560	WRM-HY
5.0525	WDI-OG	7.730	WCX-HY	10.790	WNC3-H	15.395	WMA6-L	18.755	WOT5-L
5.0525	WOT-L	7.955	WHI-HY	10.840	KYW-D	15.395	WDI4-OG	18.860	WKM-RP
5.0625	WFM-L	7.955	KGI-LA	10.940	KYW4-D	15.430	KWE-B	18.880	WQH-RP
5.0775	WCN-L	7.797	WGA-L	11.460	WHL2-HY	15.460	KKR-D	18.900	WDS-RP
5.085	WRB-L	8.075	WEZ-RP	11.460	KJN-LA	15.475	KKL-D	18.920	WQE-RP
5.110	KEG-B	8.540	KMI-D	11.640	WPJ-HY	15.490	KEM-D	18.940	WPT-RP
5.190	WEP-RP	8.560	WOO-OG	11.640	KGI3-LA	15.565	WCP-HY	18.960	WQD-RP
5.260	WQN-RP	8.560	WOY-L	11.950	KMQ-B	15.580	KGT9-LA	18.980	WFX-RP
5.265	KEC-B	8.630	KMI-D	12.310	KMI-D	15.580	WCB-HY	19.080	KNY-D
5.350	WCD-H	8.660	WOO4-OG	12.840	WOY-L	15.610	WEG5-HY	19.190	KWY3-D
5.355	WCP-HY	8.810	KGT6-LA	12.840	WOO5-OG	15.610	KJN5-LA	19.220	WKF-L
5.825	WOB-L	8.810	WJP-HY	13.185	WPK2-HY	15.640	WBG9-HY	19.220	WDP-OG
6.710	KEP-B	8.930	WEC-RP	13.185	KJN2-LA	15.640	KJN6-LA	19.380	WST-L
6.710	WER-RP	8.940	WKL-RP	13.370	WDJ-H	15.700	WJS-HY	19.470	KJE2-LA
6.717	WOB-RP	8.960	WEL-RP	13.370	WOT4-L	15.720	WCA-HY	19.470	WDH-HY
6.725	WQO-RP	9.010	KEJ-B	13.390	WMA-L	15.720	KCI4-LA	19.850	KJE3-LA
6.732	WDA-RP	9.170	WNA-L	13.400	WDI-OG	15.760	WPE-RP	19.850	WBE-HY
6.740	WEJ-RP	9.355	WOT3-L	13.420	WHR-RP	15.775	WSH-L	20.260	WQQ-NB
6.755	WDA-L	9.355	WVK-H	13.435	WKD-RP	15.825	WBC-HY	20.780	KMM-B
6.845	KEN-B	9.390	KJE8-LA	13.450	WEX-RP	15.825	KCI5-LA	20.800	WRP-HY
6.860	KEL-B	9.390	WCL-HY	13.450	WHL6-HY	15.850	WCW-HY	20.800	KJN9-LA
6.890	KEB-B	9.450	WES-RP	13.465	WKC-RP	15.850	KJE-LA	20.820	KSS-B
6.920	KGTB-LA	9.460	WKJ-NB	13.480	WAJ-RP	15.910	KCI6-LA	21.060	WKA-L
6.920	WEE-HY	9.470	WET-RP	13.690	KKZ-B	15.910	WRK-HY	21.060	WDI2-OG
6.950	WKP-RP	9.480	KET-B	13.720	KLL-B	15.970	WKO-RP	21.060	KWN-D
6.957	WEO-NB	9.490	KEI-B	13.780	KKW-B	15.985	WAZ-NB	21.220	WQA-RP
6.965	WIZ-RP	9.750	WOL-OG	13.790	WBG8-HY	16.000	WKQ-RP	21.240	WQJ-RP
7.515	WMA2-L	9.750	WOF-L	13.790	KJN3-LA	16.015	WQR-NB	21.260	WBU-RP
7.340	WBG3-HY	9.870	WON-L	13.840	WPK-HY	16.270	WLK-L	21.310	WMA3-L
7.340	KJE5-LA	9.905	WRX-L	13.840	KGT8-LA	16.270	WOG-OG	21.310	WDI5-OG
7.355	WBS-HY	10.010	WJQ-HY	13.840	WAJ-RP	17.090	KMI-D	21.410	WKK-L
7.355	KJE6-LA	10.010	WBG7-HY	13.870	WYI-RP	17.120	WOY-L	22.730	WBH-HY
7.390	KWY6-D	10.090	KLR-B	13.885	WQJ-RP	17.120	WOO6-OG	22.730	KCI9-LA
7.400	WEM-RP	10.090	WDK-RP	13.885	WQT-RP	17.170	KUN-B	23.450	WBK-HY
7.407	WEN-NB	10.110	WMA3-L	13.900	WQP-RP	17.860	WQC-RP	23.450	KJE4-LA
7.415	WEG-RP	10.140	KES-B	13.915	WQS-RP	17.880	WQI-NB		
7.422	WDI9-OG	10.197	WNC4-H	13.930	WIK-RP	17.900	WIL-RP		

HIGH FREQUENCIESBy James J. Hart

I mentioned in a previous issue of the bulletin that with the ending of the war new and better radio receivers could be expected. But how about transmitters? Well, this much is certain—they will be superior to those now in use. They will be crystal-controlled but the crystals will be so accurate that split frequencies will be common.

Antennae are another item. At present the majority of stations use beams. Some like the RCA station at Bound Brook, N.J. and PCJ, Holland may be beamed to any country desired. The masts are turned merely by the pressing of a button.

Then too, the amateurs are devoting a lot of time to rhombics. I heard many amateurs (before the war, of course) using but one kilowatt of power fed into a well-constructed rhombic and they were heard better than some of the regular short wave broadcasting stations employing many times one KW. Still other amateurs use doublets, especially where space for a well-designed antenna is at a premium.

Then what about the average DXer or SWL? What has he done to improve his reception? Perhaps he has purchased one of the finest receivers available but the chances are he just hooked it up to his old aerial that has been giving him good service for years. He'll say: "Why change now?" But the answer is a simple one. No radio set is better than the antenna which serves it. Why not erect a new one? The longer the better and be sure to install it as far away from power lines as is possible.

Recently I added two whip aeriels to my antenna system— one 14 feet and the other 8 feet high. The additions made all the difference in the world. Stations that were barely audible before now come in with good signal strength.

As for a ground, many sets do not require one but others do such as my Howard 460 a fine receiver if there ever was one. So if the set manufacturer advises a ground then by all means equip your receiver with one. You will find that it will eliminate a lot of noise and at the same time keep a ground potential on your set's condensers. That's good insurance and additionally you will be rewarded with better DX.

Now for our short wave tips:

Mcs. Station, Location, Operating Hours (EST), Etc.

39.260	WJLM	New York, relays WJZ. Good signal at 5 P.M. Signed on a few days ago. Is only on the air certain days. This is an NBC relay station. (Joseph Gumino, No. Arlington, N.J.)
19.030	EDM	Pozullo del Rey, Spain, good signal in the morning. A phone station. Also heard EDS, 14.985 mcs. calling WOT4, 13.370 and WOA2, 19.030 mcs. at 4 P.M. (Gumino)
18.950	HBF	Geneva, Switzerland, calls WRK, 15.910 mcs. during the morning. Also heard HEO4, 10.338 mcs., Bern, calling WOT4, 13.370 mcs. during the late afternoon. (Gumino)
18.480	-	Bandoeng, Java, with native and English program. Man and woman announcer. Heard from 11-11:30 A.M. Played a musical number before leaving the air. (Charles S. Sutton, Ohio)
18.150	KULM	Battleship Iowa with a relay at 10 A.M. at which time a news commentator was broadcasting. (Sutton)
18.140	LQA5	and LSD9, Buenos Aires, call WQD, 19.960 mcs. in the late afternoon. Good signal. (Gumino)

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HIGH FREQUENCIES

(Continued from Page 12)

Mcs. Station, Location, Operating Hours (EST), Etc.

- 18.080 GVO London, together with GWE, 15.435 and GRF, 12.095 mcs., broadcast the news at noon. (Gilbert Harris, Mass.)
- 18.020 KQJ and KKL, 15.475 mcs., San Francisco, heard calling PMC2, whose frequency is supposed to be 18.150 mcs. and location Bandoeng, Java. However, contact could not be established. This is a good one to try for. (Sutton)
- 17.980 KHE Honolulu, calls KLL, 13.720 mcs.; KQJ, 18.020 and KKL, 15.475 mcs. for traffic every night. (Gumino)
- 17.835 JLP3 Tokyo, now being used with JZK for relay work to the U.S. networks from 6:30-7:30 P.M. Signal is better than JZK's. (Hart) Another Jap station, JWV, frequency 7.260 mcs.; heard as early as 5:45 A.M. (Paul Dilg, Calif.)
- 12.255 WXDF believed to be in the Aleutians, relays to WVD, Seattle, the Servicemen's Program titled "Calling Home" from 11-11:30 P.M. (Sutton)
- 11.860 - Radio Rangoon with news in English at 9:30 A.M. Signed off at 10 A.M. (Sutton) Radio Rangoon can be heard on 6.040 mcs. with an all-native program from 6:45-8:15 A.M. and on 11.860 mcs. Schedule- 8:30-10 A.M. News at 8:45 and 9:55 A.M. This is an all-English program. There are other programs but the above are for transmissions here. (Dilg)
- 10.796 SDB and SDB2, Stockholm, Sweden, on daily from 3-6 P.M. This is a new frequency and has only been in use a few weeks. Used for phone and broadcasts. (Gumino)
- 10.340 HU4 El Salvador, calls WRX, 9.905 mcs. at 5 P.M. Good signal. (Sutton)
- 10.100 WDF3 and WDF4, San Juan, Puerto Rico, on phone nights has good signal but poor modulation. (Gumino)
- 10.010 WJQ New York Press Wireless station, heard calling DHTB2, Berlin, for the Army Hour at 4 P.M. October 21. DHTB frequencies are 15.935, 10.155 and 8.135 mcs. (Harris)
- 9.920 WXA Juneau, Alaska, U.S. Army phone, calls WVD, Seattle, at 4:35 P.M. (Sutton)
- 9.610 - In the October 15th issue I told of an AFRN program on this channel but didn't know its call or location. On excellent authority that I cannot mention at present, I found that this station is JLP, 9.605 mcs., Tokyo. There is another station in parallel for these programs on 7,550 mcs. This one is also in Tokyo, although this frequency has never been assigned to Japan. The program on the latter wave is much stronger and may be heard with less interference. (Hart)
- 9.540 VLC5 Shepparton, Australia, is used for the 8-8:45 A.M. transmission to eastern North America. Other North American programs from Australia are as follows: 11-11:45 A.M. on VLG4, 11:840 and VLC6, 9.615 mcs.; 8:45-9:45 P.M. over VLC4, 15.315 mcs.; 12:10-12:45 A.M. over VLC7 on 11.840 and VLG3, 11.710 mcs. This information comes to me from the Australian News and Information Bureau, New York, and is effective as of October 1, 1945. (Hart)
- 9.520 - Radio Paris, France, is very good at 10:30 P.M. in parallel with 11.845 and 9.620 mcs. The last named frequency was very poor. This is an English news period and sign-off comes at 10:46 P.M. (Harris)

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HIGH FREQUENCIES
(Continued from Page 13)

Mcs.	Station	Location	Operating Hours (EST), Etc.
9.470	CR6RA	Luanda, Angola,	from 2-3:30 P.M. Program was also on CR6RC, 11.735 mcs. but the latter station was heard only from 3-3:30 P.M. Both had good signals. (Sutton)
9.465	ZBW	Hong Kong, China,	at 5:45 A.M. Signs off at 8:30 A.M. Program in English at 7 A.M. News at 7 and 8 A.M. (Dilg)
9.440	-	Radio Brazzaville, French Equatorial Africa,	heard signing on at 11:58 P.M. Musical program at midnight. Same program heard VFB on 11.970 mcs. (Harris)
9.385	-	Radio Congo Belge, Belgian Congo,	VFB at 2:30 P.M. October 21. (Harris)
9.363	COBC	Havana, Cuba,	at 10:45 A.M. October 21. Signal was better on its harmonic of 18.726 mcs. Chinese program at 2 P.M. (Harris)
9.295	WVLC	Tokyo (This one is known as General MacArthur's station and is operated by the U.S. Signal Corps),	has been moved from Manila to Tokyo and is being used for relay work to the U.S. networks along with the "J" stations. The stations in Manila are KXI, KXG and the Pre-Wys whose frequencies change from day to day. (Hart)
9.273	GBC	Rugby, England,	calls CGA4, 9.332 mcs., Drummondville, Canada at 7:35 P.M. (Sutton)
9.147	YVR	Caracas, Venezuela,	heard during the recent uprising sending news to the U.S. networks at 7 P.M. WEF, New York on 10.620 mcs. was the N.Y. contact. (Hart)
9.010	KEJ	San Francisco and these stations- KKL, 15.475; KLL, 13.720; KQJ, 18.020; KEB, 6.890; KES2, 8.930; KES3, 10.620; KHE, 17.980 (Honolulu); KJE, 15.850 (Los Angeles); KEM, 15.490 and KKQ, 11.950 mcs. can be heard calling the following at various hours throughout the day: JLP3, 17.835; WVLC, 9.295; JZK, 15.160; JLU2, 9.525; JLS, 9.655; JVT, 6.750 mcs. all in Tokyo; KU5Q, Guam; KK2T, U.S.S. South Dakota; KU1M, U.S.S. Iowa; KKH, Honolulu and XMHC and XMHA, Shanghai, China. The latter two stations are supposed to be off the air according to the latest FCC log. However, I have heard some of these stations calling XG00, 11.690 and 9.660 mcs. at Shanghai for traffic. (Hart)	
8.025	-	Radio Levant, Beirut, Lebanon	with news in English from 5-5:16 P.M. (Sutton)
7.9125	KXF	Manila,	is used for relay work between XG00, Shanghai and KES2, San Francisco, 8.930, from 7-8 A.M. (Hart)
7.550	KU1M	U.S.S. Iowa	nearing Pearl Harbor, heard calling RCA, San Francisco at 7:10 A.M. preparatory to a program at 9 A.M. (Sutton)
7.530	-	Radio Macao, Portuguese China,	at 6 A.M. with a fairly good signal. (Dilg)
7.105	-	Madrid, Radio Seu, Spain,	plays popular dance music during the late afternoon. Signals excellent at 5 P.M. (Hart)
7.095	-	Radio Bissau, Portuguese Guinea.	This is the station that has been mistaken for Radio Funchal in Madeira. It signs on at 5 P.M. with the Portuguese anthem followed by a short program of news and signs off at 5:30 P.M. again rendering the national anthem. (Hart) Heard in Toledo but with severe QRM and fading. (Sutton)

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HIGH FREQUENCIES
(Continued from Page 14)

<u>Mcs.</u>	<u>Station</u>	<u>Location</u>	<u>Operating Hours (EST)</u> , <u>Etc.</u>
7.085	YI5KG	Baghdad, Iraq,	has a relay of the BBC English news at 12 and until 12:16 P.M. (Sutton)
7.080	HI2A	Santiago de los Caballeros, Dominican Republic	heard signing on at 4:58 P.M. Plays national anthem, then a popular dance selection before opening announcement. (Hart)
7.030	-	Malaga, Radio Nacional de Espana, Spain	with program of popular dance music at 4:30 P.M. Woman announcer. (Hart)
6.720	-	Indonesia (Java),	evidently PMH, frequency station now operated by the Java revolutionists under the name of Indonesian Republican Station. Heard as early as 5:45 A.M. Leaves the air or fades out at about 9:30 A.M. Schedule is as follows: 5:45 A.M. native talk; 6:15-6:45 American march recordings; 6:45 radio messages to parties in England asking for support of Indonesian movement. Signal fluctuates considerably. Mentioned another dual station which sounded as if it were on 12.260 mcs. This one was not heard. Suggest you try 10.260 mcs. for PMN. (Dilg) Heard here at 7:15 A.M. on 6.720 but not on the higher frequency. (Hart)
6.662	WXH	Ketchikan, Alaska	calls WXA, Juneau and WVD, Seattle at 8:15 P.M. Scrambler is used after contact has been established. (Sutton)
6.120	KRHO	Honolulu,	now signs off at 9:45 A.M. daily. (Dilg)
6.095	-	Peiping, China	at 5:50 A.M. News at 9 A.M. Other Chinese stations being heard are XG00, 11.690 mcs., Shanghai with an American calling Manila and describing the transmitter as a haywire affair made from Jap and German equipment. At 9 A.M. one hears the Chinese network news which may also be heard on XGOY, Chungking, 9.810 mcs. Still another one being heard regularly is XGKO, 11.650, Canton with a fair to good signal at 8:30 A.M. News at 9 A.M. and fade-out at about 9:30 A.M. (Dilg) Have been hearing this one on 11.650 mcs. beginning at 8 A.M. Dance music from 8:15-8:30 followed by an American march until 8:35 A.M. and then a woman talking in Chinese. Call sounds like XGPA. (Hart)
4.810	-	Radio Saigon, French Indo-China	in parallel with 11.775 mcs. from 5:30-8 A.M. Gave schedule commencing at 11:30 A.M. their time which would be 10:30 P.M. EST. They are evidently on Summer Time or eight hours ahead of GMT. Advised program in English was radiated at 11:15 P.M. EST. (Dilg)
2.510	-	Korea (formerly called Chosen by the Japs),	is now under U.S. control. Heard from 6:15-8:30 A.M. Native music during the early part of the transmission. An American program, similar to Kay Kayser's College of Musical Knowledge, is broadcast from 8-8:30 A.M. (Dilg)

My sincere thanks to the following members who so kindly sent tips for this issue: Charles S. Sutton, Toledo, Ohio; Paul Dilg, Monrovia, Calif.; Gil Harris, North Adams, Mass.; Joe Gumino and Sam Bernardino both of North Arlington, N.J. who sent a list of commercial phone stations which was nearly a duplicate of the list by Charles Sutton published October 15. Please keep up the good work fellows. The bulletin now goes out twice a month and I can use all the tips you send in.

HIGH FREQUENCIESSupplementalMcs. Station, Location, Operating Hours (EST), Etc.

- 16.666 CNR Rabat, Morocco, is on the air daily with regular broadcast from 7-7:45 A.M. (Gumino)
- 16.400 PJY Willemstead, Curacao calls WNB on 10.675 mcs. and WKF, 19.220 mcs. Very good signal. (Gumino)
- 16.385 IRS Rome, Italy, heard at noon. Calls WLK, 16.270 mcs., New York, with good signal. (Gumino) I have heard this station regularly but never with the calls IRS. The call I heard is LCD. (Hart)
- 16.350 OFY Willemsted, Curacao, calls WKF, 19.920 mcs., New York at 7 P.M. (Sutton) PJY6, same location but using 16.400 mcs. heard during the day. (Gumino)
- 15.875 HE05 Eern, Switzerland calls WJH, 15.775 mcs. HE05 is used as a phone and broadcast station. When broadcasting the call is HEK5.
- 15.865 CEC and CEP, Santiago, Chile is on daily. Call New York and Lima, Peru at 8 A.M. and 8 P.M. (Gumino)
- 15.595 VRR4 Stoney Hill, Jamaica calls WNC4, 10.197 mcs., Hialeah, Fla. at 11 A.M. (Sutton) VRR4 heard calling British Guinea at 9 A.M. (Hart) Also heard calling New York at 9:15 A.M. (Gumino)
- MC DL Balboa, Canal Zone (U.S. Army) calls WQV, 14.800; WPE, 15.760 and WQd, 13.960 mcs. Heard but once and then at 5 P.M. (Gumino)
- 15.580 NCBL On one of the ships of the U.S. fleet on its way to New York (possibly the Missouri but not certain about this) heard talking to WPE, 15.760 mcs. at 6:30 P.M. (Hart)
- 15.520 KK2T Battleship South Dakota logged at 7 P.M. October 13 with a commentator on for one of the U.S. networks. The San Francisco contact was KKL, 15.475 mcs. which had to have its signals boosted by KHE, Hawaii. (Hart)
- 15.515 HDR Quito, Ecuador heard cabling WKA, 21.060 mcs., New York for traffic at 4 P.M. Good signal. (Hart)
- 15.350 VUD8 Delhi, India in parallel with VUD7, 15.160 and VUD5, 15.190 mcs. with exceptional signals at 9:45 P.M. Broadcast a program in French at that time. As an interval signal All-India Radio plays several notes on a horn producing a rather weird effect. (Hart)
- 15.160 XEWW Mexico City, Mexico is now using this frequency. Can be heard beginning at 6 P.M. This change is causing considerable interference with JZK, Tokyo, which is currently being utilized as a key station for relays to the U.S. networks. (Hart)

HIGH FREQUENCIES (Continued from Page 13)

Mcs. Station, Location, Operating Hours (EST), Etc.

- 16.155 - Indonesia (Java) still uses the call PHC. Is under control of the Free Indonesian Forces and broadcasts in various languages. Announces as "Java calling the United States of America and asking for support of the Free Indonesian Republic". Also played American recordings. Heard from 5:30-7 P.M. Signals very good with slight fading. Not sure of complete schedule. (Sutton)
- 17.845 - Brussels, Belgium relays programs to Radio National Belge, Leopoldville from 6-7 A.M. (Sutton)
- 16.385 IRS Italy, is definitely the call of the station on this frequency. Has a woman announcer. Your SW editor said he never heard this call but did hear ICD. Thanks fellows, for the information. I stand corrected. This tip from Joe Gumino and Sam Bernardino, No. Arlington, N.J.
- 15.750 - Radio Center, Moscow R9 plus November 16 at 7:34 A.M. Program in English. (Gilbert Harris, Mass.)
- 15.160 XEWW Mexico City signing off at 8 P.M. (Sutton)
- 14.800 WQV Rocky Point, N.Y. calls SUX2, Cairo, Egypt at 10 A.M. (Sutton)
- 13.190 - Khabarovsk, U.S.S.R. with Russian program from 8-8:40 P.M. (Sutton)
- 12.000 CE1190 Santiago, Chile VFB at 9 P.M. (Harris)
- 11.948 - A station on this frequency from 3:43 to sign-off at 4 P.M. October 29 and 30. Music and talking in French. Is this Radio Center, Moscow with French program? (Harris)
- 11.690 XG00 Shanghai, China presents the news at 9:30 and 10 A.M. Chimes and time pips. (Dilg)
- 11.040 CSW6 Lisbon, Portugal signing off at 12:30 P.M. (Harris)
- 11.530 - Douala, Cameroons is reported to be back on the air on this frequency and on 6.890 mcs. (URDXC)
- 9.970 - Radio Club Brazzaville, French Equatorial Africa in parallel with 11.720 mcs. from 1:30-2:30 A.M. (Sutton)
- 9.700 WRUS Boston, signing on at 3:29 P.M. October 20. (Harris)
- 9.690 - Formosa or China. A new station is being heard on this spot as early as 7:45 A.M. It usually signs off at about 9:20 A.M. Relays the news from Chungking at 9 A.M. Mentioned Taiwan. Call sounded like XGVA or XGVE.
- 9.680 VUD6 Delhi, India broadcasts a program in Chinese at 7:15 A.M. This station fooled me; I thought I had a new one. (Hart)
- 9.630 VLC2 Shepparton, Australia is now used for the eastern North America service at 8 A.M. as of October 30. This information from the Australian Information Bureau. Personally, I do not think this frequency as good as 9.540 mcs. because of a severe heterodyne from XEQQ. VLC5, 9.540 mcs., is again in operation. (Hart)
- 9.630 VUD10 Delhi, India but very poorly at 11 A.M. QRM'd by CBFK. (Gumino and Bernardino)
- 9.625 - Kalcan, North China now on until 9 A.M. when it apparently leaves the air. No English programs or announcements heard as yet. (Dilg)

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HIGH FREQUENCIES

(Continued from Page 14)

Mcs. Station, Location, Operating Hours (EST), Etc.

- 9.520 VLW7 Perth, West Australia until about 8:30 A.M. when it faded. Relays a Perth-DCB station. (Gumino and Bernardino)
- 9.500 OIX2 Finland, to North America with English and Finnish news from 7:15-7:35 A.M. (Sutton)
- 9.430 - Moscow, U.S.S.R. in parallel with 7.300 and 11.885 mcs. All English program from 6:20-7:28 P.M. (Sutton)
- 9.465 ZDW Hongkong, China (Approximate frequency). Opening time unknown but was heard at 4:50 A.M. with weak signals. Sign off at 8:30 A.M. News at 7 and 8 A.M. At present one of the poorest Asiatics. (Dilg)
- 8.340 - Radio Dakar, Senegal with music and talks in French from 3-4:25 P.M. (Sutton)
- 8.600 AFN Munich, Germany with strongest signals I have ever heard from a European station. No matter how low I kicked down the volume control the R meter still showed R9 plus. Heard testing at 7:30 P.M. Signed at 8 P.M. Announced as being on 1249 meters (actually kilocycles) with a power of 100 thousand watts. No mention is made of this on 8.600 mcs. They stated the station was operated by Army and Navy personnel. (Hart)
- 8.025 - Radio Levant, Beirut, Lebanon with French and Arabic program from 12:15-1:15 A.M. (Sutton)
- 7.860 SUX Cairo, Egypt from 3-4 P.M. (Sutton)
- 7.680 KULM U.S.S. Iowa calling KEB, 6.890 and KES2, 8.930 mcs. from 7-7:15 A.M. (Sutton)
- 7.570 EAJ43 Tenerife, Canary Islands with musical program and news from 5:30-6 P.M. Signs off with Spanish national anthem at 6:02 P.M. (Hart) Also heard in Toledo, Ohio at the same time. (Sutton)
- 7.530 - Radio Macao, Portuguese China at last, thanks to Paul Dilg. I definitely landed this one which I have been hearing for weeks with a Chinese program. It had me guessing so I asked Paul to monitor it for me. He got up at 2 A.M. (PST) and sent me a report of over an hour and one-half. It checked with mine. So now I am sure I have heard Macao. Thanks a million, Paul! (Hart) Radio Macao broadcasts from 5:15-9 A.M. Has a variety program. Also on 245 meters. Has news at 7:40 A.M. (Dilg)
- 7.520 JVP Tokyo, now used with JLS, 9.655 and JVT, 6.750 mcs. for traffic to RCA in San Francisco during the morning. (Dilg)
- 7.500 - A station thought to be in China with a call ending with a letter that sounded like "R". Heard at 5 A.M. Woman talked in Chinese until 6 A.M. sign-off which is very early for them to sign. Probably moved to another frequency. (Dilg)
- 7.280 VLC8 Shepparton, Australia in parallel with stations on 9.680 and 11.880 mcs. with program for Britain between 10:15-10:45 A.M. (Dilg)
- 7.270 - Radio Center, Moscow with all-Russian program from 4:30-7:02 P.M. Announced on the hour only. Music and group singing. No talks. (Hart)
- 7.250 PCC1 Willersted, Curacao on this frequency at 7:50 P.M. Had fine concert of symphonic music. Announced by woman at 8 P.M. Gave call and location. (Hart)

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HIGH FREQUENCIES

(Continued from Page 15)

Mcs. Station, Location, Operating Hours (EST), Etc.

- 7.238 AFN Salzburg, Austria at 5 P.M. through severe QRM caused by commercial phone. However, I heard a relay of the AFRS program, the call and correct time as 11 P.M. (Hart)
- 7.220 JCKW Somewhere in Palestine, possibly Jerusalem heard testing beginning at 3:45 P.M. Announces every 15 minutes and requests reports of reception be sent to AW5, GHQ, IEF. Plays popular recordings and announces as being on 41.55 meters or 7.220 mcs. (Hart)
- 7.210 - Dakar, Senegal has musical program at 4 P.M. All announcements are in French. Announces as "Ici Dakar" (Hart)
- 7.010 XPSA Kweiyang, China. I made the mistake of listing this one as Kweichow. Thanks to Paul Dilg the correct address is XPSA, Kweiyang, the capital of Kweichow Province. Hope this did not inconvenience anyone. (Hart)
- 6.720 - Indonesia (Java) again signed off at 9:30 A.M. News in English at 8:30 A.M. Played American music until 9 A.M. Then employs foreign talks and music until sign-off. Usually builds up at 7 A.M. (Dilg)
- 6.710 - Sharq el Adna, Jaffe, Palestine with R8-9 at 11 P.M. Another station with the same call in Jerusalem and on 6.790 mcs. transmits the same program. However, signals from this one are not as good as the Jaffe station. (Hart)
- 6.400 - Cape Verde Islands, Ponta Praya is a new station. Heard from 5-5:30 P.M. Signs off with Portuguese anthem. (URDXC) Heard here November 6 with signals that were fair but with severe QRM. (Hart)
- 6.395 HI9B Santiago de los Caballeros, Dominican Republic signing off at 8:40 P.M. October 28. (Harris)
- 6.208 FK8AA Noumea, New Caledonia has fairly good signals. Now leaves the air at 5 A.M. (Dilg)
- 6.190 VUD2 Delhi, India opens up at 8:30 P.M. for Southeast Asia Command but fades quickly. (Dilg) Has the strongest signal on the 48 meter band at 5 P.M. when they give a resume of their programs and frequencies to be used. This is an all-English program and lasts until after 6 P.M. Other stations radiating this program are VUD7, 11.760 and VUD6, 9.680 mcs. VUD5 heard signing on at 6:30 P.M. on 7.275 mcs. (Hart)
- 6.150 YUA Belgrade, Yugoslavia has news period in English at 3:30 P.M. Rings series of three chime notes at 3:45 P.M. Program then continues in the Slovak language. (Hart)
- 6.095 - Peiping, China, has news period at 7:30 and 9 A.M. (Dilg)
- 6.015 JLR Tokyo has home service in dual with JLG, 7.285 mcs. Other stations used for this service are JLT, 6.190 and JVW, 7.260 mcs. Schedule unknown but they leave the air at 8:30 A.M. Program begins at 5 A.M. Both JLG and JVW have excellent signals. (Dilg)
- 4.040 - Ponta Delgada, Azores now on from 4-6 P.M. (Sutton)
- 4.020 Ponta Delgada from 5-7 P.M. October 28. VFB. (Harris)
- 3.305 VUC2 Calcutta, India seems to have moved from the 4 mcs. band as has VUD2, Delhi on 3.495 mcs. Both are being heard at 8:45 A.M. or later. VUD4, 9.590 mcs. is now in the clear with good signal at 7:45 A.M. (Dilg)
- 2.510 - Korea at 6:30 A.M. with native talk. Weak signal. (Dilg)

HIGH FREQUENCIESBy James J. Hart

In the October 15th issue of the bulletin our good friend, Jack Poppele, chief engineer of WOR, suggested that we discuss FM and Television. Well, here goes.

Unfortunately, I do not have an FM receiver but during a recent visit to Treasurer Wait Townley's home I enjoyed my first FM program. It was on Bloomfield Avenue, Newark with trolley cars, buses and automobiles passing constantly. Still, reception was perfect. There were no noises such as those caused by ignition systems. Quite a difference from AM or amplitude modulated receivers!

Another feature of FM reception is the fact that a lot of annoying advertising is missing. Of course, we must thank the purchasers of time on the air for for all our fine programs; otherwise we would be taxed as in foreign countries.

You may ask: "Why is it we cannot hear FM programs on AM sets if such sets tune to the frequencies used?" The reason is because of the arrangement used for detecting the signal. Detectors for AM do not respond to FM. It is also necessary for the noise-reducing benefits of FM that the signal applied to the detector be free from AM. In practice this is attained by preventing the signal from rising above a certain amplitude by means of a limiter.

It is regrettable that good receivers cannot be changed readily to hear FM. However, I am sure that radio sets now in course of construction will include provisions for listeners to hear FM programs. For those who have good receivers that tune as high as 50 megacycles General Electric have an adapter for FM reception which they call a "translator". This device is easy to attach to present AM sets. And I am certain that other manufacturers will have a like product on the market just as soon as their factories are converted to the making of new receivers.

I would like very much to receive some reports from short wave listeners who have FM reception or facilities for television.

And now for our short wave tips:

Mcs. Station, Location, Operating Hours (EST), Etc.

18.560 PY-10 Press Wireless announces frequency as 18568 kcs. Contacts KDE, 17.900 mcs. for traffic daily at about 6:30 P.M. PY-10 has a very good signal; in fact better than KDE, Press Wireless in Los Angeles which is only 20 miles from here. A fine example of the skip. (Paul Dilg, Calif.)

17.870 GRP London, heard calling Africa at 10:45 A.M. News in English at 11 A.M. (Gil Harris, Mass.)

17.840 JAG Or JABG on this approximate frequency is used with JZK, 15.160 mcs. at 6 P.M. and later. JAG has a good signal while JZK is fair. All of the Tokyo stations frequently relay music and other programs in between traffic broadcasts. These programs are from our Armed Forces stations. This also holds true with morning schedules. (Dilg)

- Radio Eirann, Irish Free State, very weakly from 12:30-12:40 P.M. sign-off. Requests reports. (Harris)

17.770 - Radio National Belge, Leopoldville, Belgian Congo heard coming on the air at 11:29 A.M. News in English at 11:30 A.M.

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HIGH FREQUENCIES

(Continued from Page 13)

Mcs. Station, Location, Operating Hours (EST), Etc.

17.530 - radio Brazzaville, French Equatorial Africa heard reading the news at 1:45 P.M. Also uses 11.970 mcs. but reception on that frequency is not quite as good as on 17.530 mcs. However, it is excellent at 4 P.M. and better than the 16 meter station. (Dilg) Heard signing on at 11 A.M.

17.415 HVJ Vatican City with English program from 10:20-10:41 A.M. (Harris)

15.700 WJS Hicksville, N.Y. calling Germany at 11 A.M. (Harris)

15.320 VLA Shepparton, Australia also employs these frequencies: 7.280, 9.680 and 11.770 mcs. All are 100 kW transmitters. This information through courtesy of Miss Joyce Burns Glen of the Australian News and Information Bureau. (Hart)

15.155 SBT Stockholm, Sweden heard signing off at 10:58 A.M. Returned to the air at 11 A.M. SDB2, 10.780 mcs., VFB at 1 P.M. (Harris)

12.400 - Radio Parede, Parede, Portugal signed off at 6:31 P.M. (Harris)

12.040 GRV London signing off at 1:15 P.M. November 11. (Harris)

11.040 OSW6 Lisbon, Portugal VFB from 12:30-3 P.M. and from 4-6 P.M. (Harris)

9.790 TGWA Guatemala City at 6:10 P.M. with musical program. (Harris)

9.775 XGOY Chungking, China has moved to this frequency from 9.810 mcs. Vary a little to 9.780. Signal is now on a very clear channel and I am hearing XGOY better than ever before. (Hart)

9.710 CR7BE Does anyone know if Mozambique is using this frequency at present from 9-10 A.M.? Signal is badly jammed here by USA station on 9.70 mcs. Programs seem similar to those of Lourenco Marques but are not native. (Dilg) Yes, Paul, the call is still CR7BE. (Hart)

9.750 WNAA New York heard signing on at 1:43 P.M. (Harris)

9.695 Formosa or China. Has a tendency to drift. Was on 9.69 for a few weeks but is now higher. Sign-off at approximately 9:15 A.M. Man read in Chinese or Formosan at a rather slow speed. Easily identified as he goes along, viz: in mentioning towns he says "Hong-kong, Hongkong; Chungking, Chungking" He mentions two calls at the end which sound like XGUA and XGUE (not XGVA and XGVE as reported in the November 15th bulletin). These are merely sensing on my part. Much to my surprise I was DXing up to 6 mcs. one morning and heard the same voice. I would estimate the frequency as 6.017 mcs. or lower, so this is a dual station. (Dilg)

XGUE Taihoka, Formosa now under U.S. or Chinese control. Relayed XGOY news at 9 A.M. and signed off at 9:20 A.M. (Charles S. Sutton, Ohio)

9.660 HVJ Vatican City heard irregularly. Used French Monday, November 11 around 10:15 A.M. Was not heard after 10:25 A.M. (Dilg)

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HIGH FREQUENCIES

(Continued from Page 14)

Mcs. Station, Location, Operating Hours (EST), Etc.

- 9.640 YVKC Caracas, Venezuela (new station) announces as "Radio Comunicacion de Venezuela, Radiodifusora Nacional Ministerio de Obres Publicos, Caracas" Also announces YV5RC and YV5RL in parallel. (URDXC)
- 9.615 VLC6 Shepparton, Australia signs on at 8:59 A.M. News in English at 9 and 9:35 A.M. Signs off at 10 A.M. (Harris)
- 9.525 - Hongkong, China seems to have returned to this frequency from 9.465 mcs. with no improvement in signal as yet. Chinese at about 6:50 A.M. English at 7 A.M. (Dilg)
- 9.520 VLW7 Perth, West Australia. Schedule 5:30-10:30 A.M. daily except Saturday when sign-off is at 11 A.M. Consistently good. For easterners- this is your most distant SW station. (Dilg)
- 9.500 XEWW Mexico City is now being heard after 8 A.M. This seems to be a new time for XEWW. (Dilg) Right, Paul, XEWW now signs on at 8 A.M. (Ed.)
- 9.465 TAP Ankara, Turkey from 6:04-6:13 P.M. November 20th with program for WLW. (Harris)
- 9.280 WVLC Ship, formerly in the Philippines, then in Japan. Used by Tokyo with other Jap frequencies for contacts with the U.S.A. Seems to have moved again as it has not been used by Tokyo the past few days. Believe it is now in Korean waters. Among frequencies is 9.28 mcs. announced, one on 13 mcs. (not known) and 18.53 mcs. announced. The 18.53 mcs. frequency heard with good signals from about 6 P.M. until after 7 P.M. (Dilg)
- 9.185 HEF4 Bern, Switzerland in parallel with HEK3, 7.380 mcs. Signs on at 8:30 P.M. (Harris)
- 9.095 CNR3 Rabat, Morocco with music and news from 4:48-5:01 P.M. sign-off. (Harris)
- 8.600 AFN Munich, Germany at 7:45 P.M. Can also be heard on 1240 kcs. Signs off at 8 P.M. (Sutton) Also heard from 4-6 P.M. with news and music. (Harris)
- 8.565 AFN AFRS in London with music from 11:45 A.M.-noon. News from the AFN newsroom from noon-12:15 P.M. (Harris)
- 8.035 FXE Beirut, Lebanon heard as early as 3:55 P.M. with odd music. (Note: See Radio News, November issue, for news of FXE. Also some pictures of the station). Sign-off at 4:17 P.M. (Harris)
- 7.950 - Alicante, Spain VFB at 4:20 P.M. (Harris)
- 7.805 W000 New York, heard November 20th from sign-on at 3:20 P.M. until sign-off at 5:47 P.M. 7.805 mcs. is the correct frequency and not 7.820 as announced. (Harris)
- 7.550 WVTR Tokyo, Japan signing on at 4:30 P.M. Program of music followed. (Harris)
- 7.525 - Radio Macao, Portuguese China. Revised schedule: Opening not definitely established. Sign-off as near as can be determined is 10 A.M. Mon. Wed. and Fri.; 9 A.M. Sun. Tues. Thurs. and Sat. Sign-off time is not exact but is frequently before and after the hour. Broadcasts a solid half-hour of Chinese from 9-10 A.M. Mon. Wed. and Fri. Plays national anthem at conclusion of all programs. Opening time probably varies also. Possibly 6 A.M. Mon. Wed. and Fri.; 5 A.M. other days. (Dilg)

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HIGH FREQUENCIES

(Continued from Page 15)

Mcs. Station, Location, Operating Hours (EST), Etc.

- 7.490 YN2FT Granada, Nicaragua with popular recordings at 7:45 A.M. Fair signal. All announcements in Spanish. (Hart)
- 7.390 DPGH Nuremburg, Germany at 5:45 P.M. November 25 with William Shirer's report on the trial of the war criminals. (Hart)
- 7.240 VUD8 Delhi, India. Schedule not known but heard about 9 A.M. and later. Seems to be in dual with VUD, 9.670 mcs. with program that sounds like Chinese. 7.290 mcs. on at same time with different program. (Dilg)
- 7.220 JCKW On the outskirts of Jerusalem, Palestine and under British control. Heard with excellent signals at 3:40 P.M. Signed off at 4 P.M. Gave time as 11 P.M. and played the "Goodnight Waltz". (Hart)
- 7.210 - radio Dakar, Senegal signing on at 2:15 A.M. after playing tune-up signal of three notes on a horn for 15 minutes. Woman made opening announcements in French. (Hart)
- 6.917 radio Dakar, Senegal R8 at 3:45 P.M. (Harris)
- 6.350 XGOY Chungking, China for 6:35-11:30 A.M. transmission to U.S.A. is now down on 6.135 mcs. For a while they were using a frequency of about 9.78 mcs. early and would then switch to 9.810 mcs. If they follow last Winter's pattern they will be jumping around the 6 mcs. band. (Dilg)
- 6.315 HI1Z Ciudad Trujillo, Dominican Republic heard signing off at 10:31 P.M. (Harris)
- 6.018 HJOX Bogota, Colombia beginning at 6 P.M. First 15 minutes of choir music. Then a man reads the news at the rate of about 250 words a minute for 77 minutes straight. All Spanish. A nice wait to procure material for a veri. (Hart)
- 6.007 ZRH Johannesburg, South Africa is on again mornings. Schedule unknown but ZRH has a good signal at 10:45 A.M. Time pip at 11 A.M. Religious service until 11:30 A.M. or later when it begins to fade. Afrikaans language is used. (Dilg)
- 6.010 India station, city not known, opens at 8:30 A.M. with a native program. Sign-off not known. (Dilg) According to latest information this is VUD6, Delhi. (Dilg)
- 6.005 HSPP Bangkok, Thailand. I have not definitely established if to this is Bangkok. CW is terrific on this spot, especially from rapid code station; also slow CW QRM. This station in the brief time it was audible had all the characteristics of Thailand- native music and talk at 8:15 A.M.: language that sounds like Thai at 8:30 A.M. used by OWI and Australia. Signature like the former sign-off of Thai consisting of ascending chimes, followed by musical signature of the national anthem type. Sign-off at 8:45 A.M. Is definitely not an India station. (Dilg)
- 2.510 JODK Korea is the call given on this frequency. After 8:30 A.M. when they sign off their program they work with JVP, 6.750 mcs. at times. Tokyo complained of poor modulation and had trouble hearing JODK one morning. but it sounded O.K. here. The JODK speaker was evidently an American. Signal best before dawn. (Dilg)

ALL-INDIA RADIO SCHEDULES

By Roger Legge

Mcs.	Station	Time (EST)	Mcs.	Station	Time (EST)
3.335	VUD3	Noon-12:40 P.M.	15.190	VUD5	9:40 P.M.-2 A.M.
3.495	VUD2	8:30 A.M.-12:30 P.M.	15.290	VUD3	12 Mdt.-7 A.M.
4.860	VUD10	8:30-10 P.M.	15.350	VUD8	9:40 P.M.-2:30 A.M.
4.960	VUD2	9:30-10:40 P.M.			3:30-8:30 A.M.
6.010	VUD6	8:30 A.M.-12:40 P.M.	17.830	VUD10	10:15 P.M.-4:30 A.M.
6.100	VUD3	8:25-11:40 A.M.	Note: All the above stations are		
	VUD7	8:30-10 P.M.	in Delhi.		
6.190	VUD7	10:50 A.M.-1:15 P.M.:	3.365	VUB2	9 A.M.-12:30 P.M.
		5:30-6 P.M.:	6.150	VUB2	5:20-8:45 A.M.:
		7:15 P.M.			9:30-10:15 P.M.
	VUD2	10:55 P.M.-1 A.M.	7.240	VUB2	2-4:30 A.M.:
7.210	VUD10	7:30 A.M.-12:30 P.M.:			10:30-11:30 P.M.
		5:30-6 P.M.:	Note: The above four stations		
		7:15 P.M.	are in Bombay.		
7.240	VUD8	9-9:50 A.M.:	3.305	VUC2	6 A.M.-noon
		10:50 A.M.-1:15 P.M.	6.010	VUC2	8:30-10:30 P.M.
7.275	VUD4	9-12:30 P.M.	7.210	VUC2	1:30-4 A.M.
7.290	VUD2	1:15-3:30 A.M.:	Note: The above three stations		
		6:30-8:15 A.M.	are in Calcutta.		
	VUD5	9 A.M.-1:15 P.M.:	4.920	VUM2	11:10 A.M.-noon
9.590	VUD5	2:30-8:30 A.M.	6.085	VUM2	6-10:50 A.M.:
	VUD3	9-11:15 P.M.			9-10:30 P.M.
9.630	VUD7	7:30-9:45 A.M.	7.255	VUM2	3:30-5 A.M.
9.670	VUD9	9-9:50 A.M.:	Note: The above four stations		
		10:50 A.M.-1:15 P.M.	are in Madras.		
9.680	VUD6	6-8 A.M.:			
		9-10:30 P.M.			
11.710	VUD3	8-8:15 A.M.	These Indian schedules are effective as of November 1st, 1945. Roger Legge who compiled them, adds: "Probably you have noticed that U.S. and Canadian amateurs are permitted on 28 megacycles and higher but are not as yet allowed to be on the 3, 7 and 14 mcs. bands."		
11.760	VUD7	4:45-7 A.M.			
11.830	VUD6	10:45 P.M.-12:30 A.M.:			
		1:30-5:30 A.M.			
11.870	VUD9	9:40 P.M.-12:30 A.M.:			
		3:30-8:30 A.M.			
15.160	VUD7	10:15 P.M.-4:30 A.M.			
	VUD10	4:45-7 A.M.			

SW NOTES

Charles S. Sutton, Toledo, Ohio, reports Radio Eriwan, Eriwan, U.S.S.R., as transmitting on 6.766 mcs. from 5:30-6:25 P.M. EST, with news at 5:47 and 6:15 P.M.:- that OAX4Q, 6.010 mcs., Lima, Peru, slogan Radio Victor, relays OAX4X from midnight to 1 A.M.

Items from Earl R. Roberts, Indianapolis: MCD3, 5.935 mcs., Paris to ABC, New York, cleared at 12:10 with WRK on 15.910 mcs.: VONH, 5.970 mcs., St. John's, Newfoundland, has news at 5:30 P.M.; Voice of America in North Africa, frequency 6.050 mcs., signed off at 6 P.M. For Earl's and other members' information: HET5, Bern, Switzerland uses 15.835 mcs. for programs but a different call for traffic. The station you heard November 17 on 8.030 mcs. at 2:45 A.M. was definitely FXE, Beirut, Lebanon. (Jimmy Hart) Members will be interested to learn that Earl is using a Hallicrafters SX-28.

HIGH FREQUENCIES - SUPPLEMENTARY

By James J. Hart

Mcs. Station, Location, Operating Hours (EST), Etc.

15.230 - Moscow, from 7-8 P.M. News at 7 P.M. Good signal. (Sutton)
 16.335 ICD Rome called WDO at 6:10 A.M. (Earl R. Roberts, Indianapolis, Ind.)
 15.750 - Radio Moscow, news at 7:45 A.M. in parallel with 11.63 mcs. Frequencies added at 7:45 A.M. were 9.560 and 8.070 mcs. not heard. (Roberts)
 15.160 JZK Tokyo (Allied) calls RCA at 7 P.M. News relay at 7:15 P.M. (Sutton)
 15.195 TAQ Ankara, Turkey in Turkish from 6-6:30 A.M. (Sutton)
 13.950 - Similar Russian fones at 11:55 P.M. Both were off the air at midnight. (Roberts)
 13.420 - Interval signal of tune on bells at 11:56 P.M. Girl announced at midnight. She gave what seemed to be weather reports. Off at 12:04 A.M. RG/5. (Roberts)
 12.230 - Russian fone at 11:40 P.M. Who was it? (Roberts) Moscow with no call assigned. (Ed.)
 12.170 - Moscow at 11:45 P.M. with classical concert. (Roberts)
 11.900 XGOY Chungking, China, "Voice of China" American Hour from 7-8 P.M. News in English at 7:15 P.M. (Sutton)
 11.720 PRL8 Rio de Janeiro seems to be on only from 9-9:55 P.M. (Sutton)
 11.413 CJA4 Montreal calling VPO20 at 10:17 A.M. Weak. (Roberts)
 11.040 CSW6 Lisbon, Portugal. News in English at 2 P.M. (Sutton)
 10.810 EPA Teheran, Iran at noon and still on at 2 P.M. Music and native talks. Only English hear was "Radio Teheran" (Sutton)
 10.780 SDE2 Stockholm, Sweden at noon. English news at 12:40 P.M. (Sutton)
 9.525 ZEW Hongkong, China from 7-8:30 A.M. (Sutton)
 9.520 - Radio National Francaise, Paris. Good signals from 8-9:30 P.M. News in English at 8:30 P.M. (Sutton)
 9.093 - Radio Maroc, Rabat, Morocco on during the afternoon with French program. Peaks from 4-5 P.M. signoff. (Sutton)
 8.170 - News in German R2 at 4:30 P.M. Signed at 5 P.M. Music at 4:48 P.M. Anyone identify this one? (Roberts)
 7.360 HET3 Bern, Switzerland with French-Portuguese and Spanish Saturday at 6:30 P.M. Signed off at 8 P.M. (Sutton)
 7.340 HC2AG Signed off at 11:17 P.M. EGB station also. (Roberts)
 7.225 - Singapore from 8-9 A.M. English news at 8:30. (Sutton)
 7.220 JCKW Jerusalem, Palestine R7 at 11:30 P.M. Opened with "Good morning" Gave time as 6:30 A.M. Heard again at 5 P.M. testing and asking for reports, to be addressed to A.W.5, GHQ, M.E.F. (Roberts)
 7.210 HI8Z Santiago de los Aaballeros at 6:58 P.M. (Roberts)
 7.115 - Radio Seu, Madris, Spain R8 at 5:30 P.M. (Roberts)
 7.090 - Radio Nacional de Espana signed off at 6:20 P.M. with march music. (Roberts)
 7.045 - Radio Nacional de Espana in parallel with 7.025 and 7.005 mcs. Who are they? (Roberts) Spanish stations are shifting too frequently to keep up with, Earl. (Ed.)
 5.997 - Radio Andorra very good at 5:30 P.M. to sign-off at 7 P.M. (Roberts)
 5.985 LRS1 Buenos Aires has changed from 6.065 mcs. and relays LR4 from 5-10 P.M. (Sutton)

HIGH FREQUENCIESBy James J. Hart

To the many engineers and station personnel who are such good friends of DXers, we can now add the name of Cornelius M. Vlaun in charge of the commercial station at Philipsburg on the Island of St. Maarten in the Dutch West Indies.

Having heard Mr. Vlaun's station on November 1st, I wrote requesting verification and much to my pleasure received an airmail reply on November 28th confirming my report and at the same time advising me that he would be glad to hear from anyone receiving his station. Mr. Vlaun further stated he would answer every report upon receiving it. So DXers, here is another country to add to your logs.

Now for a bit of information regarding the equipment at St. Maarten. It consists of one RCA, one KW, which is used exclusively for telephone; one 300 watt RCA transmitter which is used for both phone and telegraph, and lastly there is a long wave Netherlands set which is used chiefly on 600 and 700 meters.

The receiving equipment consists of three HROs and one National 100-XA.

The call of this station is PJD; however this call is used only on telegraphy. They also have a station, PVM, which is used for plane service only on Princess Juliana airfield.

Mr. Vlaun also informs me that at present there are no regular broadcasts of music or other entertainment as his station is under control of the government of Curacao and is utilized for commercial purposes only. They are on the air daily at 8:30 A.M. (EST) or 13.30 (GMT) on 11.900 megacycles and at other times as traffic warrants.

As a further tip Mr. Vlaun states that two new stations are being constructed, one at Saba and the other at St. Eustatius. Just as soon as these stations are completed they will be used for point-to-point communication with St. Maarten. More on this later as it means two new countries to try for.

And now as my good friend, Earl R. Roberts who was recently discharged from the Army and for whom it is my pleasure to pinch-hit would say: "A Merry Xmas and a Happy and Prosperous New Year to you all!"

Following are this issue's short wave tips and suggestions:

Mcs. Station, Location, Operating Hours (EST), Etc.

- 21.470 GSH London, has strong signals up to sign-off at 10:45 A.M. (Paul Dilg, Calif.)
- 18.450 HBF Geneva, Switzerland heard signing off at 11:29 A.M. (Gil Harris, Mass.)
- 18.130 CHY Phoning at 10:37 A.M. Also uses 5.925 mcs. This no doubt is a Canadian. (Earl R. Roberts, Indiana)
- 17.845 - Brussels, Belgium, VFB from 11 A.M. to sign-off at 12:02 P.M. (Harris)
- 17.820 CKNC Sackville, New Brunswick, Canada is being heard with good signal at 9 A.M. daily. (Charles S. Sutton, Ohio)
- 17.770 - Leopoldville, Belgian Congo transmits from 11:30 A.M.-12:15 P.M. in English. After a short break they return with French program at 12:15 P.M. (Dilg)
- 17.445 HVJ Vatican City is on every Tuesday at 8:40 A.M. with Italian program.

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HIGH FREQUENCIES

(Continued from Page 15)

Mcs. Station, Location, Operating Hours (EST), Etc.

- 15.750 - Moscow calls ABC at 7:45 A.M. preparatory to relay of a commentator's broadcast. (Sutton)
- 15.435 ZOYI Accra, Gold Coast, Africa is believed to be the station heard November 22 at 10:23 A.M. Signals were weak. (Harris) According to latest information, ZOYI has increased power to 5 KW. (Hart)
- 15.160 VLG7 Melbourne, Australia is again being heard from 3-5:10 P.M. and at 3.00 P.M. and until 3:45 P.M. there is a news-cast. News is heard again at 4:45 P.M. Our Saturday (their Sunday) schedule is from 3:45-5 P.M. (Dilg)
- 12.235 TFJ Reykjavik, Iceland heard with tune-up signal (three bars of music) repeated from 8:55-9 A.M. Then the program which lasted until 9:30 A.M. (Sutton)
- 12.127 -- Tananarive, Madagascar heard with French program interspersed with music from 7:45-8:30 A.M. Signals were only fair. (Sutton)
- 12.120 - Radio France, Algiers very good at 7:55 A.M. (Harris)
- 12.115 - Radio Centre, Moscow in parallel with 11.635 and 15.750 mcs. News in English from 7:45-8:05 A.M. They did not mention this frequency in announcements. Sign-off on all three waves was at 8:15 A.M. (Roberts)
- 11.900 -- St. Maarten, Dutch West Indies with good signal at 8:30 A.M. by both Roger Legge and Roberts. See heading of this section for further information about this friendly station. (Hart)
- 11.845 - Paris, France very well at 10:10 P.M. Usually signs on at 8:57 P.M. Program in English at 9 P.M. Announces as French Radio calling North America. Also heard on 9.540 mcs. but gave frequency as 9.520. Has special program in English at 9:45 P.M. Sunday, Wednesday and Friday. (Harris)
- 11.840 VLG4 and VLG6, 9.615 mcs., heard with news for the Pacific Coast. (Roberts) No time given. (Hart)
- 11.692 HP5A Panama City, Panama heard signing on at 6 P.M. Musical program from 6:15-6:35 P.M. Another station in the same city, HP5G, is heard as early as 4:05 P.M. (Harris)
- 11.642 * Gil Harris has been hearing a station on this spot. Can anyone identify it? The time- 11:40 A.M. The nearest assigned frequency is 11.645 mcs. and that to Radio National Belge in the Belgian Congo which is supposed to be inactive. (Hart)
- 10.700 KXG Manila, Philippines with relay of news at 10 A.M. (Sutton)
- 9.945 - An unknown station heard here at 9:11 P.M. Chimes at 9:15 P.M. after which it went off the air. Sounded like a Mexican. Any help on this? (Harris)
- 9.742 (-) Leopoldville, Belgian Congo with BBC news at 11:30 P.M. (Harris)
- 9.680 XEQQ Mexico City has a good signal during the evening. (Sutton) Heard very well at 6:45 P.M. in Massachusetts. (Harris)
- 9.615 VLG6 Shepparton, Australia from 9-10 A.M. with news in English at 9 and 9:55 A.M. Another Aussie, VLQ2, Brisbane, on 7.210 mcs. heard with good signal at 3 A.M. (Sutton)

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HIGH FREQUENCIES

(Continued from Page 16)

Mcs. Station, Location, Operating Hours (EST), Etc.

- 9.610 ZYC8 Rio de Janeiro, Brazil VFB at 7:45 P.M. Another station in Rio, PRL7, is being heard with good signals on 9.720 mcs. at 5:55 P.M. (Harris)
- 9.540 VLC5 Shepparton, Australia is used for the 8-8:45 A.M. transmission to eastern North America. Signs on with the song of the Kookaburra bird (laughing jackass). Gave time as 11:01 P.M. in Australia. (Harris)
- 9.440 - Radio Brazzaville, French Equatorial Africa heard signing off at 7:57 P.M. (Harris) Heard with Spanish program from 12:30-1 A.M. (Roberts)
- 9.390 KJE8 Los Angeles, Calif. heard contacting PY13, Manila. Could not hear the latter. (Roberts) I believe PY13 uses 13.790 mcs., Ear1. (Hart)
- 9.380 - Radio Congo Belge very good at 1 A.M. with man and woman announcers. (Roberts) Heard from 2-4:02 P.M. when it signed off. (Harris)
- 9.380 - Radio Nacional de Espana, Madrid, R9 plus with French program at 4 P.M. (Roberts) Heard signing on with news in English at 3 P.M. (Harris)
- 9.185 HEF4 Bern, Switzerland from 9:20-10 A.M. (Sutton)
- 7.500 - On good authority the Chinese station on this spot has been identified as a Chinese Communist station in Yenan. The call sounded like XECR or XNCR. (Dilg) The chances are, Paul, it is XNCR as the prefix "XE" is Mexican. (Hart)
- 7.495 TGOA Guatemala City heard during the evening until 10 P.M. (Sutton)
- 7.320 GRJ and GRS; 7.075 mcs., London with news in English from 11-11:10 P.M. Other London stations and times heard are GWL, 7.205 mcs.; GSU, 7.260 at 11:30 P.M. with news in English; also GRH, 9.325 mcs. with same program at this time. GRY, 9.600, from 3-3:45 P.M. with news and commentary in English. GWV, 11.700; GSB, 9.500 and GRY, 9.600 mcs. heard signing on at 11 P.M. GRT, 7.150 and GRM, 7.120 mcs. sign on at 4 P.M. GSW, 7.230 mcs. heard at 11:15 P.M. with program for the Far East. (Harris)
- 7.300 - Moscow, U.S.S.R. at 8:20 P.M. with news in English. Other U.S.S.R. stations and time heard are 15.750 mcs. at 11 A.M. with news in English; 9.565 mcs. with news in English from 8-8:15 A.M.; 7.560 mcs. heard signing on at 8 P.M. (Harris)
- 7.280 VLA Shepparton, Australia in dual with VLG2 (25.62 meters) with program for French Indo-China. Chimes open program at 8 A.M. VLQ2, Brisbane, Australia has the ABC news at 6 A.M. (Roberts)
- 7.275 VUD5 Delhi, India heard signing on at 8:59 P.M. Had fine signal. (Harris)
- 7.255 - Madras, India (?) heard as early as 6:45 A.M. badly QRM-ed by KGEX and JVW. (Dilg) This is a nice catch, Paul. (Hart)

(Continued on Page 18)

HIGH FREQUENCIES

(Continued from Page 17)

Mcs. Station, Location, Operating Hours (EST), Etc.

- 6.715 ZLT7 Wellington, New Zealand heard at 4:30 A.M. with news. Signed off before 5 A.M. (Roberts)
- 6.710 - Sharq el Adna, Palestine in parallel with 6.135 and 6.790 mcs., heard opening up at 11:30 P.M. The 6.135 mcs. frequency is best. (Roberts)
- Jerusalem, Palestine in dual with 6.135 mcs. Heard from 9:10-9:40 A.M. Very poor signals due to QRM. (Dilg)
- 6.400 - Porto Praia, Cape Verde Islands logged December 3 from 5-5:30 P.M. R3-4. Signed off playing the Portuguese national anthem. (Roberts)
- 6.200 HJCAB Bogota, Colombia signed off at 11:10 P.M. Also on 9.680 mcs. signing off at 2:32 A.M. (Roberts)
- 6.140 XGOY Chungking, China is now on this frequency but is jumping around to find a good spot. Is often on 6.135 mcs. (Dilg)
- 6.094 - Has anyone been hearing Johannesburg (South Africa) on this frequency at 11 A.M. giving BBC news? It is definitely not India on 6.100 mcs. which also relays London at the same time. (Dilg)
- 6.075 - A station believed to be in Petropavlosk, U.S.S.R. heard in dual with Moscow or Komsomolsk on 9.565 mcs. both in contact with NBC, New York. for news commentator. This station (6.075 mcs.) leaves the air at 8:15 A.M. (Dilg)
- 6.005 VE9AI Edmonton, Alberta, Canada relays CJCA. Heard at 1 A.M. Uses 9.540 mcs. during the day. (Roberts)
- 5.950 - French-speaking station heard R8. Signed off at 10:08 P.M. (Roberts) This could be HH2S. (Hart)
- 7.210 FGY Dakar, French West Africa heard in French from 4:15-4:28 P.M. Signed off at 4:30 P.M. (Harris) Also heard in Indiana at the same time. (Roberts)
- 7.170 TGNA Guatemala City at 9:12 P.M. Signs off at about 10:58 P.M. (Harris)
- 7.140 YNFP Managua, Nicaragua at 9:40 P.M. with good signals. Other Nicaraguans heard are YNDG, 7.660 mcs. at Leon at 7:45 P.M. with musical program and YNLAT, Granada on 7.615 mcs. broadcasts a musical program at 7:58 P.M. Signals from the latter station are poor. (Harris)

See schedule of All-India Radio by Roger Legge in the December 1st issue of the bulletin. Then substitute VUD11 for VUD6. This is a change of call but the schedule remains as is. (Legge)

Hams heard by Earl Roberts are YV1AQ, 28.250 mcs.; K6MVV, 28.880; W6MSQ mentioned hearing a portable on Guam and Iwo Jima; also K4 J4 and K7.

My appreciation to Earl Roberts, Paul Dilg, Charles Sutton, Roger Legge and especially this month to Gil Harris who, despite the fact he is ill and has been in the hospital, sent in many fine reports. Thanks fellows, and a Merry Xmas to you all!

Forward all short wave reports and tips to James J. Hart, 617 Grove Street, Irvington, N.J. Deadlines are the 10th and 25th days of the month.