

HIGH FREQUENCIES (EWT) - By James J. Hart

<u>Mcs.</u>	<u>Station, Location, Operating Hours, Etc.</u>
15.500	KRCA, San Francisco, heard contacting Hanuku (Coco Head), Hawaii, at 6:30 P.M. This station is generally used for South Pacific evening pickups. At the time, New Guinea was ready with program material which was refused by CBS as it was unsatisfactory for rebroadcast purposes.
15.400	PZC, Paramaribo, Surinam, with clear speech at 11:48 A.M. and 4:45 P.M. calling New York for traffic.
15.320	VLI3, Sydney, Australia, signs off at 9 A.M. The program is then continued over VLG2 on 9.540 mcs.
11.995	CEL180, Santiago, Chile, is now on this frequency having shifted to avoid interference from Radio Brazzaville.
11.885	LRA, Buenos Aires, Argentina, is now on this frequency and is the key station for an Argentine chain of short wave stations.
11.870	WNBI, New York, has moved from 11.893 mcs. to this frequency.
11.803	COBH, Havana, Cuba, is on this frequency all day with excellent signals. To date however, your short wave editor has heard no English spoken.
11.780	HP5G, Panama City, Panama, has program in English at 10 A.M. This station signs off at 10:30 A.M.
11.775	Radio Saigon, French Indo-China, is on the air daily at 7:15 P.M. with a Jap and French program. Signals of this Hippon-controlled outfit are much better at this time than earlier in the day when they are beamed upon North America.
10.055	SUV, Cairo, Egypt, caught testing with New York at 6:30 P.M. with program material for CBS.
9.782	Radio National Belge, Leopoldville, Belgian Congo, is on the air every evening until 7 P.M. Here is one of the best signals on the band. French and Belgian are the languages used, as a rule, on its broadcasts.
9.760	Radio Atlantik, Germany (?) is decidedly anti-Nazi. This clandestine station is on every evening with news. Several of the news services monitor this station for information pertaining to Allied air raids and for results achieved. It reports just which city or cities are being bombed. Additionally, it has a program of popular dance music at 6:30 P.M. daily.
9.680	VLN, Perth, Western Australia, can be heard every Sunday at 9:30 A.M. when it broadcasts a "command performance" for Americans serving in the South and Southwest Pacific.
9.660	LRX, Buenos Aires, Argentina, is putting out an excellent signal at present. Tune for it if you are partial to real South American music.
9.640	GVZ, London, broadcasts especially for North America at 8:30 A.M. Signal strength is good. Also on for North America at this time is GAY, frequency 9.600 mcs.

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HIGH FREQUENCIES (LWT) - Continued

Mcs.	Station, Location, Operating Hours, Etc.
9.590	WCDA, New York, is on this frequency until 7:45 A.M. when it changes to 17.830 mcs.
9.560	OJA, Berlin, is currently being used for North America transmissions which begin at 5:50 P.M. daily.
9.548	Radio Shonan (Singapore) is very good at the present time. News in English is broadcast at 6 A.M. daily. A program of music and messages from prisoners of war (Australians) to their loved ones at home is presented at 6:18 A.M. One of the best signals on the band at this hour.
9.545	HTCY, Hsinking, Manchukuo, comes through very well at 8 A.M. Sign-off is at 8:18 A.M.
9.535	JZI, Tokyo, broadcasts to North America at 6:15 P.M. in parallel with JZJ, 11.800 and JRAK, Palau, on 9.565 mcs. The "Sneak Attack Specialists" must be using super power on JZI as the meter kicks R9 plus during the entire program. JZI can also be heard at 9 A.M. for one hour and 40 minutes. The other two are inaudible at this time.
8.035	CNR1, Rabat, Morocco, broadcasts in French at 5:15 P.M. daily. Popular American music follows at 5:30 P.M. This station announces as "Ici Maroc!" It employs a two-note gong as an interval signal.
7.230	WNID, San Francisco, broadcasts to the Orient at 8 A.M.
7.220	VLI4, Melbourne, Australia, when heard for the first time was broadcasting an Oriental program. It is owned and operated by the Australian Broadcasting Corp. A newscast is presented at 8:30 A.M. every day. Announcer stated, "This is an A.B.C. State Program!"
7.215	Radio Palestine, Jerusalem, transmits from 5 to 6:30 P.M. in English, German, French, Spanish, Dutch and in Hebrew. Signal strength is excellent. Apparently British-controlled, Radio Palestine is easy to identify. A few musical notes are heard between announcements and talks.
7.210	---- Tuning to this frequency at 8 A.M. your SW editor heard a station with an Oriental program. At 8:10 A.M. the announcer mentioned a series of letters-A-B-C, etc. which made no sense at all. At 8:14 A.M. he said "This is the end of this dispatch!" These remarks were of course, in English. Then the stranger reverted to an Oriental language. It was monitored until it faded away but during that time no further English was used nor was any identifying call given. On a later date this station was identified as an "Allied Radio Station" broadcasting the news in English from Delhi, India. This is a daily feature at 9 A.M. Incidentally, VUC2, Calcutta, is assigned to this frequency.
6.135	FK8AA, Noumea, New Caledonia, came through nicely with a test at 6:15 A.M. December 5th. FK8AA should improve as time goes on as it is to be utilized for rebroadcast purposes. (Continued on Page 9)

HIGH FREQUENCIES (EWT) - Cont.

<u>Mcs.</u>	<u>Station, Location, Operating Hours, Etc.</u>
6.130	XGOY, Chungking, China, broadcasts church services in English at 7:45 A.M. every Sunday.
6.097	HJFK, Periera, Colombia, broadcasts the news in Spanish at 7:30 P.M. daily, followed by a program of popular rhumba and tango music.
6.070	COCB, Havana, Cuba, is putting out an excellent signal on this frequency spoiling reception of CFBX, Toronto.
4.960	VUD2, Delhi, and VUB2, 4.880 mcs., Bombay, transmit a newscast in English at 8 A.M. daily. Signals are the best that have ever emanated from a station in India.

And now your pinch-hitting SW editor is doing the same thing as Earl R. Roberts, your regular SW editor would do at this time of the year. That is to say: "May the New Year bring all of you peace and happiness together with the hope that this terrible war will be concluded successfully in the near future"

LAST MINUTE SW TIPS - By Jim Hart

Radio Martinique, Fort-de-France, Martinique, silent since Admiral Robert and other Vichyites turned the administration of this West Indies Island over to the Free French, resumed broadcasting at 6 P.M. Tuesday, January 4th. The frequency is still 9.705 mcs.

PRL7, 9.72 mcs., Rio de Janeiro, can be logged at 6:30 P.M. EWT, when it features typical Brazilian music.

OIX3, Lahti, Finland, was heard at 11 A.M. January 4 on 11.785 mcs. for the first time in four weeks.

GWH, London, a new BBC transmitter on 11.800 kcs., is teamed up with other BBC transmitters on 11.780, 11.730, 11.750, 11.780, 11.820, 11.860 and 11.900 mcs. for complete coverage of Europe.

HIGH FREQUENCY (H.F.) - By James J. Hart

<u>Mcs.</u>	<u>Station, Location, Operating Hours, Etc.</u>
15.245	Radio Vichy, France, (Nazi-controlled) broadcasts with announcements in English and French at 11:45 A.M.
15.190	WOOO, New York, a new CBS outlet, transmits the same programs as WOON, another new CBS International Station which operates on 11.870 mcs.
15.110	Komsomolsk, U.S.S.R., is on the air at 6:48 P.M. operating in parallel with the Komsomolsk transmitter on 15.230 mcs. None of the lower frequencies is used for this transmission. Signoff comes at 7:25 P.M. This station returns to the air at 8 P.M. on 11.948 mcs. However, it has not as yet been heard here at that time.
12.455	HQJB, Quito, Ecuador, rebroadcasts KJLD, San Francisco, at 7 P.M. HQJB also uses the 9.958 mcs. frequency.
11.865	HEK5, Bern, Switzerland, broadcast for the first time at 10 A.M. January 10, a concert of popular music with announcements entirely in English. Previously, programs with all-English announcements had been broadcast at night but not during the daytime.
11.850	Radio Shonan (Singapore) may be heard at 6 A.M. on this frequency. A woman announcing, used English exclusively. This station is heard best however, on 9.548 mcs. Note: Their 60 meter station is no longer in use.
11.830	WCRX, WCBX, 15.270 mcs. and WCDA, 17.830 mcs., all CBS outlets in New York, rebroadcast the "Hit Parade" every Saturday at 11 A.M.
11.780	HP5G, Panama City, Panama, now announces itself as a Pan-American outlet of NBC.
11.740	JAC2, Berlin, features a popular program at 10:45 A.M. This program is also heard on 11.720 mcs. at the same time and may be emanating from old TPA4, Paris, for whenever Berlin leaves the air in a hurry, the station on 11.720 mcs. remains several minutes longer. Additionally, the same program is transmitted by OZA on 11.535 mcs. And by tuning to 15.110 mcs. at 11 A.M. you will hear the news in English via DJL, Berlin.
11.720	CKRX, Winnipeg, Manitoba, presents the news in English at 5:15 P.M. followed by a program of popular music.
11.470	AZAD MOSLEM, "The Voice of Free India," location unknown, has an all-English program at 10 A.M. An identical program can be heard on 9.590 mcs. at the same time. This station is decidedly anti-British.
10.220	PSH, Rio de Janeiro, broadcasts the news in Portuguese at 7:10 P.M. daily. It then features an enjoyable program of Brazilian music until signoff at 8:15 P.M.
10.130	HH3W, Port-au-Prince, Haiti, begins its day of broadcasting at 7:50 A.M.
10.055	SUV, Cairo, Egypt, is on the air at 2:30 A.M. daily with news and talks that are given in several languages. SUV plays an American march selection between talks and at 3 P.M. announces the correct time with six "pips" from Greenwich.

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HIGH FREQUENCIES (HWT) - Continued

<u>Mcs.</u>	<u>Station, Location, Operating Hours, Etc.</u>
9.870	CR7BE, Lourenco Marques, Mozambique, signs on at 2:25 P.M. daily with announcements in Portuguese and English. This station presents a news period but at different times of the day. One day it was heard at 2:40 P.M., on another at 2:55 P.M. and on still another occasion at 3 P.M. CR7BE's signals are excellent at present. This station rebroadcasts the "Kate Smith Hour" every Thursday at 4 P.M.
9.860	MDRID, "Voice of Nationalist Spain," is on the air daily at 2:30 P.M. A newscast at 2:40 P.M. is followed by a musical program. Signoff occurs at 3 P.M.
9.680	VLM, Perth, West Australia, is excellent at 10:15 A.M. Their time is evidently 12 hours ahead of EWT as the announcer gives the time then as 10:15 P.M. The announcer at VLG2, frequency 9.540 mcs. and location Melbourne, when signing his station off the air gives Melbourne's time as 11:45 P.M. when it is 8:45 A.M. here. That means Melbourne's time is 15 hours ahead of EWT.
9.670	JW2, Tokyo, is on the air at 8 A.M. with an all-Asiatic program. The exponents of rape and murder do not choose to make any English announcement during these transmissions.
9.605	CE960, Santiago, Chile, has a musical program at 5:45 P.M. Station call and correct time are given at 6 P.M. CE960 employs the same deep-toned chime so noticeable on all Santiago stations.
9.545	XETT, Vera Cruz, Mexico, rebroadcasts BCB station XET at 7 P.M. when its signals are extremely good.
9.470	CA6RA, Luanda, Angola, is once again putting out a fine signal but announcements are infrequent. Signoff is at 4:30 P.M. accompanied by rendition of the Portuguese national anthem followed by a series of chime notes.
9.465	TAP, Ankara, Turkey, was heard recently for the first time in several months. Then its signal strength was excellent at 3 P.M. News in Turkish was broadcast at 3:30 P.M. TAP is easy to identify as it mentions Ankara several times during transmissions. Signs at 3:55 playing the Turkish national anthem.
6.980	AFHQ, Allied Force Headquarters station, Algiers (also on 16.022 mcs. during the morning), is now used as a relay station when conditions are unfavorable for broadcasts and news releases from Advanced Press Headquarters in Naples, Italy. The Naples transmitter seems to be using the same frequencies as Algiers but signals are much stronger. The New York contacts are WKD, 13.435; WEL, 8.950; WQO, 6.725 and WQV, 14.800 mcs. Time of transmissions: from 6 to 7:30 P.M. on 8.960 mcs. and on 16.022 mcs. beginning at 6 A.M. and continuing throughout the morning.
8.319	In a paper titled "Guinea Gold," issued by the service men on New Guinea, there is listed a station on this frequency which gives the news to men in service. Its time on the air is from 4:45 to 11:15 A.M. "Guinea Gold" also lists VLQ, 7.240 mcs. as being on the air from midnight to 4 A.M. (Continued on page 8)

HIGH FREQUENCIES (HWP) - Cont.

Mcs. Station, Location, Operating Hours, Etc.

- 7.265 Radio Commercial, Quito, Ecuador, signs on at 7:45 A.M. with a good signal. This may be HCIBF which has been assigned this frequency although this station announces "Radio Commercial in Quito, capital of Ecuador!"
- 7.250 KGSI, San Francisco, broadcasts to the Orient beginning at 7 A.M. daily. The same program can be heard on KES2, frequency 8.930 mcs.
- 7.220 Berlin (no call given), signs on at 5:30 P.M. daily with program for Central and South America. Can this be a new station?
- ✓ 7.210 VUC2, Calcutta, India, with rendition of the "Stars and Stripes Forever," signs on at 9 A.M. stating: "This is the Voice of the United States broadcasting to the East from Delhi!" After program of news and current events which is heard until 9:15 A.M., broadcasts continue in Japanese. Then this program is also heard on 6.085 mcs. Incidentally, VUB2, VUD2 and VUM2 have been assigned to this frequency.
- 7.204 Madrid, Spain, signs on at 5 P.M. playing the anthem made popular by the Franco regime. This station leaves the air at various times between 6:30 and 6:55 P.M.
- 6.775 HIH, San Pedro, Dominican Republic, is now designating itself as an NBC Pan-American station at 8:30 P.M.
- 6.105 XGOY, Chungking, China, is now on this new frequency having moved from 6.135 mcs. to avoid interference from Army aviation stations which blanket the channels from 6.120 to 6.150 mcs. The frequency of 6.105 mcs. was originally assigned to XGSA, Hankow, China.
- 6.090 ZNS, Nassau, Bahamas, takes the air at 8:48 A.M. daily with musical program. Then at 9 A.M. the news direct from London, is broadcast.

LAST MINUTE SW NEWS

SW Editor Jimmy Hart states that Radio Dakar, Senegal, now signs on the air at 2:45 P.M. EMT, operating simultaneously on 11.400 and 15.345 megacycles. The transmitter is a new one of excellent quality with the result that signal strength is all that could be desired. Radio Dakar transmits until 5 P.M. when it strangely calls Mexico for traffic.

HI3X, Trujillo City, Dominican Republic, frequency 11.805 mcs., comes on the air at 10:30 A.M. relaying programs of BCB station HIX and HI1X, the latter on 6.350 mcs. Signoff is at 11:10 A.M. and signals are fine. HI1X wasn't heard at this time.

COCK, 9.265 mcs. Havana, signs on at 5:30 P.M. Announcements are in English and Spanish. COBQ, "The Voice of Cuba," also in Havana, is now operating on a new frequency of 9.225 mcs. Signing on at 5 P.M. daily, COBQ's signals are excellent.

HIGH FREQUENCIES (HWT) - By James J. Hart

<u>Mcs.</u>	<u>Station, Location, Operating Hours, Etc.</u>
17.840	Radio Eire, Athlone, Irish Free State, presents the news and a talk at 1:45 P.M. daily. The time signal, with six "pips" from Greenwich, is heard at 2 P.M. Sign-off occurs at about 2:13 P.M.
17.755	Radio Congo Belge, Leopoldville, Belgian Congo, is now on this frequency at 2:45 P.M. but is no longer audible on 11.720 mcs.
12.170	Radio Moscow is currently broadcasting on this frequency with news in English at 8 A.M. Signs off at 8:20 A.M.
12.115	ZNR, Aden, Arabia, signs off at 1:15 P.M. daily. Signal strength is good. (Bob Stankus, Lyndhurst, N.J.)
12.110	HI2X, Trujillo City, Dominican Republic, is now on this frequency. It was heard February 9th at 12:30 P.M.
11.970	Radio Brazzaville, Free French Africa, still has the best signal of any African station during the afternoon and evening. English is spoken frequently.
11.882	LRR, Rosario, Argentina, now strongest of any of the Argentine stations, broadcasts popular dance music. Announces quite regularly.
11.780	Radio Prahova, location unknown, is on the air daily at 9 A.M. signing off at 2 P.M. Programs usually begin on the hour with sound effects descriptive of a locomotive whistle and train starting. Broadcasts are of ten minutes' duration and speech is either Roumanian or Slovakian.
11.775	"Free India Radio" a Jap-controlled outfit, reads the news in English (anti-British) at 10 A.M. and in an Indian language at 10:15 A.M. Then at 10:30 A.M. the call is changed to Radio Saigon for an all-English transmission to North America.
11.705	Motala, Sweden, presents a really enjoyable concert of sacred music every Sunday at 2 P.M.
11.680	KIO, Kahuku, Hawaii, heard February 9th at 6:47 P.M. with a special broadcast for CBS.
11.530	Douala, Cameroons, is on the air daily from 2:15 to 3:15 P.M. Programs consist of talks in French and popular music. No national anthem at sign-off.
10.730	VQ7LO, Nairobi, Kenya Colony, has a popular dance program every day at 2 P.M. Closing announcements are made at 2:59 and the correct time is given at 3 P.M. with six "pips" from Greenwich. The station then leaves the air.
10.350	LLX, Buenos Aires, Argentina, broadcast a special program for ABC February 8th at 7:20 P.M.
9.782	Radio National Belge, Leopoldville, Belgian Congo, presents a program with English announcements every Saturday at 8:15 P.M.

(Continued on page 6)

HIGH FREQUENCIES (HWT) - Continued

<u>Mcs.</u>	<u>Station, Location, Operating Hours, Etc.</u>
9.750	WKLJ, New York, has news period in English at 6 A.M. followed by the news in other languages.
9.720	Radio Patria, clandestine station, location unknown, is now operating as early as 9:45 A.M. This station usually signs off at about 10:18 A.M. Broadcasts are anti-Nazi and this is believed to be a Slovak station.
	PLR7, Rio de Janeiro; Brazil; begins its day of broadcasting at 6 A.M.
9.705	Radio Martinique, Fort-de-France, Martinique, has an interesting program every Saturday beginning at 7 P.M. There are frequent announcements during it.
9.565	JRAK, Parao, Palau Islands; is on the air with a musical program from 8 to 9:30 P.M. daily. Signal strength is poor. (Bob Stankus)
9.562	OA44T, Lima, Peru; features a program of popular American dance tunes at 9 A.M. Announces station call every 15 minutes. Signals are excellent.
9.465	TAP, Ankara, Turkey, now has a very much improved signal, possibly due to receipt of some equipment from the U.S.A. This station had previously been silent awaiting replacements. Usually signs off at 3:48 P.M. but is heard occasionally at 6:45 P.M. with special program for CBS or at 7:15 P.M. with one for NBC.
9.255	Bucharest, Roumania, broadcasts the news in English at 4:50 P.M. Good signal. (Bob Stankus)
9.180	Radio Mediterranean, clandestine station, is believed to be somewhere in Greece. Signs on at 2:45 P.M. with very weak signal. At 4:30 P.M. signals begin to build up rapidly. A program in German is radiated at 4:45 followed by one in English at 5 P.M. This latter broadcast is announced as "One for the Boys." Signs off at 6 P.M.
9.125	HAT-4, Budapest, Hungary, transmits during the evening from 9:15 to 9:30 and from 10:15 to 10:30 P.M. Signals vary from fair to good. (Bob Stankus)
8.220 to ----	At 5 P.M. for the past few days, popular American recordings are being played on these frequencies.
8.190	Neither station call nor location is mentioned and with one exception titles of the recordings are not given. On one occasion a man spoke and asked that comments on the program be sent to "your special features division." Stations could be Algiers or Dakar with special OWI releases. One of the records played is titled "In der Fuehrer's Face"
7.575	"Radio Fighting France," clandestine but believed to be IRV2, Rome, now German-controlled. Signs on daily at 5:15 P.M. At 5:30 P.M. Monday, Wednesday and Friday has program in English "for the boys." On other days talks in French are given, then in German and Italian. Believed to be a Rome station as its programs are also heard on 420 and 221 meters, both assigned to Rome. Is very pro-Nazi.

(Continued on page 10)

HIGH FREQUENCIES (EWT) - Continued

<u>Mcs.</u>	<u>Station</u>	<u>Location</u>	<u>Operating Hours</u>	<u>Etc.</u>
6.715	ZLT7,	Wellington, New Zealand,	is on the air daily at 5:30 P.M. with a fair signal.	(Bob Stankus)
6.090	CBFW,	Montreal, Quebec,	broadcasts a concert of classical music daily at 4 P.M.	
6.085	VUO3,	New Delhi, India,	has the best signal on the 49 meter band at 8 A.M. Has the same program as the India Allied Station on 7.210 mcs. described in the February 1st bulletin.	
6.070	CFRX,	Toronto,	broadcasts the news at 4 P.M.	
6.037	XGOY,	Chungking, China,	now in the clear on this frequency. Woman announces in English when programs begin at 7:35 A.M. News periods usually last about ten minutes. English announcements in addition to various languages used during transmissions.	
6.035	----	A Danish or Norwegian station (undercover) is on the air daily at 4:30 P.M., signing off at 4:43 P.M. No English announcements. Signals are good. Anti-Nazi, it is possible this station moves to a different location after playing a recording.		
5.968	VONH,	St. John's, Newfoundland,	signs on at 4:30 P.M.	
4.020	Radio Ponta del Gada,	Azores,	can be heard during the evening between 6 and 7 P.M. Signal strength is good.	(Bob Stankus)

NEW BBC CALLS AND FREQUENCIES

17.870	GRP	17.810	GSV	17.790	GSG	17.730	GVQ
17.715	GRA	17.700	GVP	15.430	GWE	15.420	GWD
15.310	GSP	15.260	GSI	15.180	GSO	15.140	SSF
15.070	GWC	15.060	GWC	12.095	GRF	12.040	GRF
11.950	GUY	11.930	GVX	11.860	GSE	11.800	GVH
11.780	GVU	11.750	GSD	11.730	GVV	11.700	GVW
9.680	CRG	9.825	GRH	9.690	GRX	9.660	(See below)
9.640	GVZ	9.600	GRY	9.580	GSC	9.550	GWB
9.530	GMJ	9.510	GSE	9.490	GWE	9.455	GRU
9.410	GRI	7.320	GRJ	7.260	GSU	7.250	GWI
7.230	GSW	7.150	GRT	7.120	GEM	7.065	GRS
6.180	GRO	6.165	GRY	6.150	GRW	6.125	GIA
6.110	GSL	6.070	GRR	6.050	GSA	6.010	GRB

Optional- 2.915 mcs. GRC as short wave.

Note: The call of the station on 9.660 mcs. has not been listed as yet although it is operating on overseas service during morning hours. The above list compiled by Short Wave Editor James J. Hart.

Members desirous of calibrating their receivers can do so at any time of the day as WWV is currently maintaining a 24-hour service for this purpose. WWV can be heard anywhere in the United States and under good conditions throughout the entire world.

Following are the frequencies and time to check receiver on WWV: 5.000 and 10.000 megacycles, 24 hours a day. Voice announcements on the hour and half-hour. 15.000 megacycles, daytime only to local sunset at Washington, D.C. Station call on the hour and half-hour.

SHORT WAVE FLASHES

Bob Hepburn of Wilson, Conn., a recent newcomer to our ranks, reports the following: On 9.100 mcs., Naples, Italy (Allied Advanced Headquarters), heard with a test transmission to New York from 5:30-7:30 P.M. EWT, February 21st. That transmission was also relayed via AFHQ, Algiers on 8.960 mcs. Signal was excellent. Bern, Switzerland, is using a new frequency, 10.320 mcs., for its North American programs heard daily from 3:45 to 4:15 P.M. (Note: SW Editor Jimmy Hart subsequently heard Bern announce this frequency as 10.338 mcs.

An Axis SW station has been logged by Bob on 9.555 mcs. Located somewhere in Italy, this one is on daily from 5:30 to 6 P.M. with messages from prisoners of war. At 6 P.M. and preceding the French transmission at 5:15 P.M., all announcements are in Italian.

SW Editor Jim Hart lists SUV, Cairo, Egypt, on the air at 3 P.M. on 10.055 mcs. with news in English. Radio Dakar, Senegal, has been broadcasting with a new transmitter since February 15th. Frequencies are 9.910 and 11.410 mcs. with the former better. Radio National Belge, Leopoldville, Belgian Congo, now carries a United Nations program on 15.170 mcs. at 9 A.M. Rebroadcasts of the Jack Benny, Fred Allen, programs, etc. are featured. This station switches to 9.782 mcs. at 11:30 A.M. COCQ, Havana, frequency 9.515 mcs., broadcasts a church service in English every Sunday at 6:30 A.M. EWT. Affiliated BCB station of COCQ is CMQ.

HIGH FREQUENCIES (HFT) - By James J. Hart

<u>Mcs.</u>	<u>Station</u>	<u>Location, Operating Hours, Etc.</u>
15.405	PZX5,	Paramaribo, Surinam, transmits an early morning program daily from 8 to 8:35 A.M. Excellent signal. Listeners are urged to report reception.
14.470	WME,	Lawrenceville, N.J., heard calling Madrid for traffic in clear speech at 8 A.M.
12.115	ZNR,	Aden, Arabia, is excellent from 12:45 to 1:15 P.M. when it signs off. English announcements are heard at 1 and 1:15 P.M.
11.780	OIX3,	Lahti, Finland, presents the news in English daily at 9:15 A.M. and with a very fine signal.
11.705	SBP,	Motala, Sweden, features a church service every Sunday at 11 A.M. Church bells are rung during the five-minute period preceding these transmissions.
10.615	----	Jerry's Front, a clandestine station believed to be in Italy and under Nazi control, broadcasts a program of popular music and news in English daily at 1:30 P.M. Its theme song is "Tipperary".
10.130	HH3W,	Port-au-Prince, Haiti, has a program of popular dance music every day at 2 P.M. Fine signal.
10.005	----	Free Arab Station is on this frequency irregularly from 3:15 to 3:32 P.M. causing considerable interference with WWV on 10.000 mcs.
9.863	CR7BE,	Lourenco Marques, Mozambique, signs on daily at 2:25 P.M. in Portuguese and English. Programs are announced in both languages until 3:15 P.M. From then on until signoff at 4 or 4:30 P.M., all announcements are in Portuguese.
9.606	HF5J,	Panama City, Panama, transmits a church service in English every Sunday at 10:30 A.M.
9.565	----	Radio Centre, Moscow, uses this frequency for its 8 A.M. broadcasts which are transmitted simultaneously on 9.860, 11.885 and 11.948 mcs.
	----	On this frequency also, a station broadcasting in French at 9 A.M. announces "Ici Radio Tokyo!" This one may be JRAK in the Palau Group as it employs different chimes than those used by Tokyo stations.
9.535	----	A Jap propaganda station, possibly JZI, is on the air at 9:15 A.M. Signals are very strong and clear and all announcements are in English.
9.125	HAT4,	Budapest, Hungary, signs on at 7 P.M. with an excellent signal. A series of piano notes is played for a few minutes before the program starts.
8.118	EPF,	Teheran, Iran, has, for the past three Sundays (February 27, March 5 and 12) broadcast for the Army Hour, a WEAF Network Sunday afternoon feature. EPF was heard at 3:35 P.M. when it contacted WKD on 14.345 and WEL, 8.950 mcs., both in New York. EPF's signals were very good and the announcer expressed the hope they would hear from listeners. This station is the best SW DX catch in a long time.

(Continued on Page 6)

HIGH FREQUENCIES (EWT) - Cont.

<u>Mcs.</u>	<u>Station, Location, Operating Hours, Etc.</u>
8.035	Radio Maroc, Morocco, broadcasts from 3:30 to 6:20 P.M. but does not use its own call until 5:30 P.M. so don't be fooled in that respect. It rebroadcasts Algiers, Beirut, Dakar, etc. (all the Radio France stations) and announces every 15 minutes as "Ici Algiers", "Ici Beirut", etc. until 5:30 P.M. when it transmits its own studio program.
6.760	YNDS, Managua, Nicaragua, announces frequently beginning at 6:30 P.M.
6.715	ZLT7, Wellington, New Zealand, is on daily with Pacific news for men away from home at 5:30-5:40 A.M. This station is occasionally on the air at 5:15 A.M. but always signs off promptly at 5:40 A.M.
6.160	HJCD, Bogota, Colombia, key station for Colombia short wave stations, has a fine musical program nightly at 10:15 P.M.
6.150	GRW, London, features interesting round table discussions every night at 10:15 P.M.
6.140	WBOS, Boston, signs off on this frequency at 5:30 A.M.
6.120	WOOW, New York, transmits a CBS program at 9:30 P.M.
6.053	CX48, Colonia, Uruguay, signs on at 6 A.M. announces the calls of all stations affiliated with the Argentine chain.
6.018	HJCK, Bogota, Colombia, signs on at 8 A.M. with an excellent signal.
6.000	ZFY, Georgetown, British Guiana, requested listeners' reports and promised to verify all correct ones with a nice card. This for the 5 P.M. transmission. ZFY then rebroadcasts the British Broadcasting Corp. program from 5:30 to 5:45 P.M.
	HP5K, Colon, Panama, broadcasts news in English at 9:15 P.M. with a good signal.
5.270	WQW2, New York, is now used for contact with AFHQ, Algiers and Advance Press Headquarters, Naples at 6:30 P.M. Excellent signal.
4.830	---- Advance Press Headquarters in Naples is back on this frequency. Heard March 15, 1944. It might be mentioned that when this station transmitted on 9.100 mcs. it had a fine and clear channel.

"The Voice of the Mediterranean", believed to be operating in Greece, broadcasts two programs announced in English every day from 2 to 3 P.M. and from 5 to 6 P.M. on 9.935 mcs. Signal strength is excellent. This station could be old SVM in Athens, Greece.

HIGH FREQUENCIES (EWT) - By James J. Hart, Cont.

Robert Hepburn, Wilson, Conn., in recent dialing sessions recorded the following stations:

<u>Mcs.</u>	<u>Call</u>	<u>Location, Time Heard, Etc.</u>
15.170	TCWA	Guatemala City, Guatemala, with marimba music every afternoon from 1:45 to 2:30 P.M. and on Sunday from 5:30 until 6:15 P.M.
15.155	SBT	Motala, Sweden, with program in English daily from 11 to 11:15 A.M.
12.967	WKRD	New York City, one of the Voices of America.
12.120	----	Radio France, Algiers, on daily until 5:30 P.M.
11.475	VPO	Bridgeton, Barbados, British West Indies, heard with program for the United Kingdom between 6 and 6:30 P.M. March 22nd. Excellent signal. (This is an exceptionally fine catch and Bob is to be congratulated for it. Ed.)
11.040	CSW6	Lisbon, Portugal, daily from 3 to 6 P.M. Have heard no English spoken.
11.000	PLP	Bandong, Java, heard from 9:30 to 9:42 P.M. March 7th. Good signal then. However, this station hasn't been heard since.
10.615	----	Rome Radio broadcasts program entitled "Jerry's Front Calling" every day from 5:15 to 6 P.M. in English. This same program is also broadcast on 420.8 meters, 449.1 and 39.6 meters and also on 9.555 mcs.
10.430	----	Radio Moscow broadcasts the news in English simultaneously with other Moscow stations from 8 to 8:20 A.M. daily.
10.030	----	Berlin, Germany; using a new station for North American transmission beginning at 5:50 P.M.
10.070	EAY	Madrid, Spain, uses this frequency to contact New York for correspondents' reports. On irregularly.

Azad Radio, the National Congress Radio, somewhere in India, frequency 15.222 mcs., came in like a local station on Sunday, March 5th. This station broadcasts in English from 11:30 A.M. to noon. It returned to the air at 12:15 P.M. with another program announced in English. Then at 12:30 P.M. the program was announced in Bengali. After hearing this station, Bob checked through his log and found that on Sunday, April 25, 1943, it announced during an English program as "The National Congress Radio in Hyderabad." Bob is of the opinion that it is the same station omitting mention of its present location.

HIGH FREQUENCIES (EWT) - By James J. HartMcs. Station, Location, Operating Hours, Etc.

- 15.325 JLP2, new Tokyo station, is now used for the North American service at 6:15 P.M. It has the best signal of any of the Japanese stations that have been heard by your SW Editor.
- 15.220 Azad Moslem, is now using this frequency and also that of 11.470 mcs. from 10 A.M. to 12 noon and 9.590 mcs. at 6 P.M. This station also employs the calls "Azad Hind" and "Free India Congress." Broadcasts in English from 11 A.M. to noon. It is decidedly anti-British.
- 15.070 GWC, London, GVX on 11.930 and GVZ, 9.640 mcs., heard by Earl Roberts in Indianapolis while home on furlough from the Army Air Base at Casper, Wyoming.
- 13.250 ICA, somewhere in Italy; used for the Army Hour, with a better signal than the 9.100 mcs. frequency at 3:15 P.M. Contacts here are WKD, 13.435 and WDK, 10.095 mcs.
- 12.115 ZNR, Aden, Arabia, heard signing off in English at 1:16 P.M. (Earl R. Roberts)
- 11.900 CX410, Montevideo, Uruguay, signs on at 8 P.M. Is used as a key outlet for several Argentine stations.
- 11.880 AFHQ, Allied Force Headquarters, Algiers, is now testing on this frequency at 6:30 P.M. Excellent signal but not quite as good as that of 8.960 mcs. at the same time.
- FLASH
- 11.475 VPO-11, Bridgetown, Barbadoes, heard for a few days (March 24-28) during the West Indies conference for better relations among the peoples of the Caribbean area. Program lasted about 15 minutes each day. Announcer said: "We broadcast through courtesy of Wireless and Cable, Ltd." Hasn't been heard since.
- 11.410 Radio Dakar, Senegal, logged at 3 P.M. Very good signal. (Earl Roberts)
- 11.400 TDA, Guatemala, calling Mexico at 12:04 P.M. (Roberts)
- 11.040 CSW6, Lisbon, Portugal, has a fine concert daily beginning at 2:30 P.M. Has been heard until 5:15 P.M. on this frequency.
- 10.230 ---- New station in Valparaiso, Chile. Could be CEC or CED, both commercials and both use this frequency.
- 10.150 ---- Two Army stations- WVAM37 and WVAM19-A, heard testing and making field tests from 2-2:45 P.M. by Earl Roberts. Also heard by your SW Editor as they completed a series of tests. Said they would return to the air at 7 P.M. for another series of tests.
- 9.950 GCU, London, heard describing an air raid from the roof of a London building. Announcer said it wasn't exactly pleasant to be up there waiting for who knows what with bombs dropping around. Fortunately, none dropped near him.

(Continued on page 6)

HIGH FREQUENCIES (EWT) - Cont. from Page 5

- | <u>Mcs.</u> | <u>Station, Location, Operating Hours, Etc.</u> |
|-------------|--|
| 9.935 | Soldaten Sender Mittelmeer (Radio Mediterranean), possibly old SVM, is utilized by the Nazis for propaganda purposes. Broadcasts programs in English from 2 to 3 P.M. and from 5 to 6 P.M. Usually concludes by saying "So long, boys!" |
| 9.860 | EAQ, Madrid, Spain, features the new in English daily at 2:15 P.M. Signoff usually occurs at 2:30 P.M. |
| 9.765 | Leopoldville, Belgian Congo, heard with R9 signals at 1:45 A.M. and 7 P.M. (Earl Roberts) |
| 9.720 | PRL7, Rio de Janeiro, Brazil, R9 at 7 P.M. (Roberts) |
| 9.680 | ---- Can anyone help your pinch-hitting SW Editor? I have been hearing a station on this frequency for more than two weeks. It signs on at 5:30 P.M. and off promptly at 6 P.M. Programs are entirely in French with man and woman announcing. They mention the location three times when signing on, again at 5:45 P.M. and at signoff when the La Marsellaise is played. However, the talking is so rapid and since nothing but French is spoken I have been unable to ascertain the call. |
| 9.680 | XEQQ, Mexico City, Mexico, signs on at 7 P.M. with enjoyable program of music. Signal R9. |
| 9.625 | XGOY, Chungking, China, is now using this frequency at 7:30 A.M. Is not longer heard on 6.037 mcs. Signal is good. |
| 9.580 | VLR, Melbourne, Australia, now remains on the air until 9:30 A.M. |
| 7.050 | COCL, Havana, Cuba, the "Voice of Democracy" relays CMCL which is believed to be operating on 660 kcs. Logged between 5:30 P.M. and 1:45 A.M., COCL said when signing off to "Address the Voice of Democracy, COCL-CMCL, Havana" and to those complying they would forward lots of literature on Cuba. (Earl Roberts) |
| 6.715 | ZLT7, Wellington, New Zealand, relays 2YA at 5:30 A.M. The announcer says: "It is now 9:30 P.M. This is station 2YA of the New Zealand Broadcasting Service. We are now being joined by the Post and Telegraph station ZLT7 for the Pacific news for our troops and other friends overseas!" ZLT7 leaves the air at 5:40 A.M. Signal is very good. |
| 6.105 | XGAP, Peiping, China, with a good signal at 6:30 A.M. It fades rapidly, however. |
| 5.830 | MTCY, Hsinking, Manchukuo, heard on this frequency with a very poor signal. Has not been heard on 6.125 mcs. |
| 5.748 | Paramaribo, Surinam, has program of English music at 7:10 P.M. daily, changing to Dutch at 7:30 P.M. Very good signal. |

Radio reception has been very poor the past month. Even the CBS and NBC have had to cancel rebroadcast material due to severe atmospheric disturbances. Due to severe static and fading, only a few new ones have been added.

HIGH FREQUENCIES (EWT) - By James J. Hart, Cont.

<u>Mcs.</u>	<u>Call</u>	<u>Location, Time Heard, Etc.</u>
15.325	JLP-2	Tokyo, Japan, heard at 6:15 P.M.
	PIRM	Manila, Philippines, logged at 7:15 P.M.
15.360	LSQ-2	Burlingham, Argentina, uses this frequency to broadcast news in English irregularly between 6 and 8 P.M. No English has been heard yet.
13.345	YVQ	Maracay, Venezuela, phone station to Miami, Fla. Musical programs are heard occasionally.
11.897	JVU-3	Tokyo, with news in English daily at 7:45 A.M.
10.670	CEC	Santiago, Chile, with news in English at 8 P.M. English broadcast schedule very irregular this year.
10.338	HEQ-4	Berne, Switzerland, English transmissions daily from 3:45 to 4:15 P.M.
10.150	OLE	Rehmate, Germany, is used for daily North America transmissions at 5:50 P.M. (Irregular)
9.660	HWJ	Vatican City, heard Sunday, April 23 at 9:30 P.M. with news in English.
9.590	----	Radio Eire, Athlone, Irish Free State, has program in English from 5:10 P.M. until about 5:20 P.M. Reception reports are requested.
9.100	ICA	Somewhere in Italy, relays APH, Naples, at 6 P.M. daily. This station also operates on 13.250 mcs. for morning transmissions.

Ultra-High Frequency Notes - (50 Miles Radius is Average)

44.300	WGTR	Paxton, Mass. has fair signal throughout the day with better night signals. About 80 miles radius.
44.700	WSMFM (W47NV)	Nashville, Tenn., a real distance catch for the ultra-high frequencies. (840 miles)

The above are the recent short wave observations of Robert Hepburn of Wilson, Conn. Comparatively a newcomer to the Club, Bob is a steady and valued contributor to our SW section. We wish more members would follow his example.

HIGH FREQUENCIES (EWT) - By James J. Hart

Mcs.	Station,	Location, Operating Hours, Etc.
15.480	KEM,	Bolinas, Calif., calling K7XFD, Fairbanks, Alaska on 17.480 mcs. quite frequently at 6:30 P.M. for program material.
15.190	XGOX,	Chungking, China, with programs for NBC at 6:45 P.M. and testing with KEM.
----	----	Leopoldville, Belgian Congo, presents the news in English at 6 A.M. daily. Excellent signal,
	WOOO,	New York, CBS outlet, uses this channel at 8 A.M. Likewise WOOW on 11.870 mcs. at the same time. The announcer stated the program was being rebroadcast by WNEI, San Juan, Puerto Rico.
15.160	JZK,	Tokyo. The Japs are using many frequencies these days changing three and four times a week. Here are the stations and their frequencies as announced: (JZK, 15.160 and JLP2, 15.325); JZK, 15.160 and JZJ, 11.800) and JVU2, 11.897 mcs. for the 6:15 P.M. program. For the 9 A.M. transmission JZI, 9.535 and JVW2, 11.725 mcs. are used. All these stations are broadcasting with super power and come through R8-9.
15.110	----	Moscow uses this frequency for CBS and NBC relays at 6:30 P.M. For the morning broadcasts the following frequencies are in use as of May 21, 1944: 11.948, 11.885, 10.459 and 9.525 mcs. The 11.948 mcs. frequency is the best one here in Irvington, N.J.
14.800	WQV,	New York, is used for relay work with ICA and AFHQ during the day. WDK, 10.085 mcs., handles the evening contacts.
13.250	ICA,	Somewhere in Italy, is now using this frequency instead of 9.100 mcs. Signals are much better on the 13.250 mcs. channel.
12.290	GBU,	London, uses this frequency for the Army Hour (WEAF network Sunday afternoon feature) relays at 3:30 P.M. Sunday.
12.275	----	Batavia, Java, transmits on this frequency daily from 7 to 9 A.M. Signals are from fair to good. Under Jap control, this station is beamed upon Australia during the above two hours.
12.127	----	Radio Madagascar, Tananarive, Madagascar, heard very well the morning of May 22nd at 8:35 A.M. Signals were R6-8 until sign-off at 9 A.M. Program was concluded with rendition of "La Marsellaise"
12.115	ZNR,	Aden, Arabia, is registering excellently here for the past two weeks. Announcements are in English at 1 and 1:15 P.M. after which the station leaves the air.
11.775	OIX3,	Lahti, Finland, features program titled "Finland Calling America" at 8 A.M. daily. News in English is heard at 8:15 A.M.
11.770	DJD,	Berlin, broadcasts news in English and a war prisoners' program at 9:30 A.M. daily.
11.715	PRL8,	Rio de Janeiro, Brazil, is on daily from 10 to 11 P.M. with a program announced in English. Excellent signal.
10.780	SDB2,	Motala, Sweden, now uses this frequency to avoid interference on the crowded 25 meter band. SDB2 no longer is heard on 11.705 mcs. (SBP). However, they still utilize SBU on 9.535 mcs. from 1 to 5:20 P.M. They sometimes broadcast American dance music until 6 P.M.

(Continued on Page 6)

HIGH FREQUENCIES (HWT) - Cont. from Page 5

<u>Mcs.</u>	<u>Station, Location, Operating Hours, Etc.</u>
10.615	---- Jerry's Front Station (also on 9.555 mcs.) signs on at 4:15 P.M. with an all-English program. The station on 9.555 mcs. is used at 5:50 P.M. to relay Berlin. Quality of transmission is very poor. Has a bad hum.
10.070	EAY, Madrid, Spain, was used for broadcast from Barcelona for CBS May 17th at 6:45 P.M. Excellent signal. Signed off at 7:07 P.M.
9.864	CR7BE, Lourenco Marques, Mozambique, broadcasts recordings of popular American music every Thursday and Friday from 4 to 5 P.M.
9.720	PLR7, Rio de Janeiro, Brazil, broadcasts the news in English for five minutes at 5 P.M. daily.
9.710	Radio Praha, Bohemia, formerly Czechoslovakia, signs on at 8 P.M. daily. Better signal than on 11.840 mcs. (Bob Hepburn)
9.680	---- Your pinch-hitting SW Editor takes this opportunity to thank Bob Hepburn for his many fine tips and for identifying the French station on this frequency which had me guessing. It calls itself the "Flame of France". Bob writes: "This station seems to be anti-Allied. It condemns the Allies for bombing of that which they call 'non-military' objectives and paradoxically praise the French troops in Italy". Thanks a lot, Bob, and since you are leaving shortly to serve in the greatest Navy in the world, may I say on behalf of our many SW listeners and members "Smooth sailing and the best of luck to you!"
9.640	ABSIE, American Broadcasting Station in Europe, uses this frequency as well as 9.625, 9.550 and 9.525 mcs. Bob Hepburn says the 9.525 mcs. frequency is best at his home in Wilton, Conn. In Irvington, N.J. however, we find 9.625 mcs. better. The announcer said two frequencies in the 41 meter and one in the 49 meter band as well as 307 meters were being used. Programs originate in the studios of ABSIE and others are taken from the British Broadcasting Corp. and from "The Voices of America". English is spoken beginning at 6 P.M. Bob Hepburn advises the station also broadcasts in English at 11:45 A.M.; 12:30 P.M., 3:30 P.M., 6 P.M. and 6:15 P.M.
9.630	CFBX, Montreal, now uses this frequency and is heard best at about 9 A.M. when they relay NBC programs. No longer on 11.705 mcs.
9.606	HP5J, Panama City, Panama, with good signal at 10 A.M.
9.595	Radio Eire, Athlone, Irish Free State, signs on with news in English which they state is their third English transmission of the day. They request listeners to send their reports of reception to Radio Eire, Chrysler Building, New York. Sign off is at 5:35 P.M. Signal is fair.
7.215	Radio Palestine, Jerusalem, verified my report of January 5, 1944, one of my quickest replies. It was received just four months after my report was submitted. Their address is Dept. of Posts and Telegraphs, Palestine Broadcasting Service, Jerusalem, c/o Controller of English-Hebrew programs.
5.965	Radio Andorra, Andorra, is on daily from 5 to 6:30 P.M. with popular music program. Is badly interfered with by VONH on 5.970 mcs. but with fine tuning the listener can procure plenty of material for verification. Heard here for the first time May 20th and again on May 21st. Held until signoff at 6:32 P.M.

SW REPORTS - By James J. Hart

Submitting a short wave report just prior to leaving for service with the U.S. Navy, Bob Hepburn, Wilson, Conn., lists many interesting items. We'll miss Bob while he is away. His high frequencies observations have been both interesting and helpful and we're looking forward to the day when after this war has been brought to a successful conclusion Bob and our many other members who are in there doing their bit for the United Nations can return to the normal pursuits of life, including that still grand old hobby of dialing for distant stations:

<u>Mcs.</u>	<u>Station, Location, Operating Hours, Etc.</u>
15.750	Radio Center, Moscow, uses this frequency for midday broadcasts (noon to 12:30 P.M.) and about one-half hour later Sundays. Operates in parallel with station on 12.170 mcs.
11.840	Radio Praha, Bohemia, is on the air daily from 6 to 10:15 P.M. with Czech announcements.
11.705	SPB, Motala, Sweden, has been coming through with excellent signals from 9 to 10 P.M. daily. This station transmits on 9.535 mcs. at the same time. Signals are poor on the latter frequency.
10.543	DZD, Zeesen (Berlin), Germany, has its only English program titled "The Japanese Quarter-Hour" from 10 to 10:15 P.M. daily. Signals are excellent lately.
9.710	Radio Praha, Prague, Bohemia, transmits daily from 8 to 10:15 P.M. Provides fine Bohemian music.
9.520	Radio Copenhagen, Denmark, a new station is currently broadcasting daily from 9 P.M. until midnight.
9.480	Radio Center, Moscow, has excellent signal now and broadcasts in English from 8 to 10 P.M. in parallel with other transmitters on 10.445 and 11.948 mcs.
9.478	Radio Metropole, Belgrade, Yugoslavia, is on daily from 3 to 3:35 P.M. with English announcements, in French from 4:30 to 5 P.M. and again in English from 5 to 6 P.M.

HIGH FREQUENCIES (EWT) - By James J. Hart

<u>Mcs.</u>	<u>Station, Location, Operating Hours, Etc.</u>
17.980	KHE, Kahuku, Hawaii, is used for relay to CBS at 6:30 P.M. KKQ, 11.950 mcs., San Francisco, is the U.S. mainland contact.
15.350	----- New Indian station (no call announced as yet) broadcasts the news in English at 8 P.M. changing to an Indian dialect at 9 P.M.
F	This station uses the same interval signal as Delhi All-India
L	Radio. Signal is faint at the beginning but builds up rapidly
A	to an RS-8 at 9 P.M. Joe Stauhs, Bloomfield, N.J., heard this
S	station June 20th and advises me they broadcast an English
H	war communique at 9:45 P.M.
15.225	JLT3, Tokyo, signs on nightly at 11 using this frequency only. JLT3 is also on the air at 6:15 P.M. when it operates in parallel with JZK, 15.160 mcs.; JRAK, 9.565 and JVU3, 11.897 mcs. broadcasting a program for eastern North America.
15.220	----- Azad Hind (this one operates on 11.470 mcs. also) employs this call and that of The Voice of Free India. It seems to be sending out a lot of German propaganda. Your SW editor is of the opinion that this station is the old PCJ at Huizen, Holland.
15.165	PRE9, Fortaleza, Brazil, presents a program with English announcements every Sunday at 5 P.M. through courtesy of the Special Services Division of the Allied Armed Forces.
15.160	VIG7, Melbourne, Australia, is on the air daily at 4:30 P.M. Signals build up to R7-8 at 5 P.M. and remain that way until signoff at 6 or until 6:10 P.M.
14.920	KGN, Los Angeles, Calif., heard testing with WBG5, New York, at 5 P.M. The latter station used 15.600 mcs.
13.650	SVQ, Athens, Greece, signs on at 8 P.M. Monday, Wednesday, Friday and Saturday. This station has a good signal and includes announcements in English as follows: "This is Athens calling on 21.97 meters!" Programs are announced chiefly in Greek. The station usually leaves the air at 8:45 or 8:50 P.M.
F	
L	
A	
S	
H	
11.800	----- An ABSIE station somewhere in Europe, uses this frequency at 11:30 A.M. when it programs are broadcast simultaneously on 6.010, 7.185 and 9.625 mcs.
11.780	----- Does any member know which station is on this frequency at 6 A.M. or earlier? Your SW Editor has heard it several times at about 5:50 A.M. and with a musical concert at 6 A.M. A series of chimes is sounded at 6 A.M. followed by 24 strokes on a gong. The music then continues with announcements in a language that sounds like Danish or German. It is not Finnish.
11.775	----- Radio National Belge, Leopoldville, Belgian Congo, can be heard with excellent signal strength and clarity on this frequency at 1:45 P.M.
11.760	DHE4B, Praha, Bohemia, broadcasts an exceptionally nice program of concert music from 8 to 9:15 P.M. daily. Judging by the strength and quality of signals, this station is apparently using a new transmitter on this new frequency. DHE4A, which was assigned to 11.840 mcs., is no longer on the air.
F	
L	
A	
S	
H	

(Continued on Page 5)

HIGH FREQUENCIES (EWT) - Cont. from Page 5

Mcs.	Station	Location	Operating Hours	Etc.
11.740	JRAK,	Parao, Palau Islands,	broadcasts with a fine signal at 5:30 A.M.	Program is in Japanese. Beginning at 5:55 A.M. a series of rhinos is sounded until 6 A.M. when the program is resumed. However, DXC2, same frequency, signs on at 6 A.M. and causes considerable interference with the Jap.
11.625	WARD,		Now call for one of the "Voices of America" was logged during the days when the Allies invaded France.	
11.590	----		Radio Metropole is now using this frequency instead of 9.480 mcs. at 4:15 P.M. when it puts out an excellent signal.	
11.565	RNR,	Leopoldville, Belgian Congo,	broadcast for a while on this frequency but has switched to 11.635 and 11.645 mcs. apparently testing to locate a permanent spot. (Joe Stauhs)	
11.040	CSW6,	Lisbon, Portugal,	presents an enjoyable program of music daily from 2 to 5:30 P.M. on this frequency. There have been no English announcements as yet but Portuguese announcements are made every 15 minutes. This station identifies itself as "Emissora Nacional at Lisbon!"	
11.810	EPF,	Tehran, Iran,	on for the Army Hour (WEAF Network feature) Sundays at 4 P.M. requested their New York contact to listen for them at 23.04 GMT (7.04 P.M. EWT) on 8.110 mcs. as they were going to make a series of tests at that time. EPF has evidently increased power to a considerable extent. Their New York contact told them they were putting out the best signal of any station in the Middle East.	
9.680	VLC-2,	An ABSIL station in Australia,	with program broadcast especially for the Philippines, signs off at 6 A.M. They advised listeners to tune in VLP-4, 15.315 mcs., at 7 A.M. (Australian Time) or 9 P.M. EWT.	
9.670	JVW-2,	Tokyo,	heard signing off at 8:15 A.M.	
9.662	----		"German Catholic Station" operates from 4 to 4:12 P.M. and from 5 to 5:14 P.M. with a good signal. Its programs begin and conclude with organ music. A man talks in German for about eight minutes. So far no English has been heard.	
9.555	----	Radio Shonan (Singapore)	is using this one frequency at present. Their woman announcer still gives the frequency as 9.548 mcs. but that is incorrect. Radio Shonan has discontinued operation on their 11.860 mcs. frequency.	
9.535	JZI,	Tokyo,	heard at 1 P.M. on this frequency. This is freakish reception as all the Asiatics have faded by 10 A.M.	
9.520	OZF,	Copenhagen, Denmark,	has an enjoyable concert nightly. Announcements in English and Danish are made quite frequently.	
9.465	TAP,	Ankara, Turkey,	sends program material every Tuesday from 3:50 to 4:15 P.M. Good signal. (Joe Stauhs)	
8.960	AFHQ,	Algiers,	are relaying APHF (Allied Press Headquarters Forward) from somewhere near Reno. ICA has not been heard recently on 13.250 or 9.100 mcs. So far APHF hasn't been picked up direct. It appears as if APHF is employing a portable transmitter and move about quite frequently. AFHQ has had trouble at times contacting them.	

(Continued on Page 6)

AU REVOIR

Just prior to shoving off for active duty in the U.S. Navy, Bob Hopburn, Wilson, Conn., submits to S.W. Editor James J. Hart, his final short wave reception report. We want to qualify that word "final" by inserting "for the duration!" Bob is comparatively a newcomer to NNRC ranks. He has however, been a steady and valued contributor to the short wave section of our bulletin and we're going to miss his interesting and informative reports. We know his fellow-members will want to join with us in wishing Bob every success in his new venture with the suggestion we'll always be glad to hear from him when he can find the time to drop us a few lines.

Here is Bob's report:

<u>Mcs.</u>	<u>Station</u>	<u>Location</u>	<u>Operating Hours</u>	<u>Etc.</u>
11.897	JVU-2	Tokyo,	heard with news in English from 2 to 2:30 P.M. while trying to log XGOY, Chungking, China, which transmits on 11.915 mcs. and which was supposed to contact KES-3 (10.620) and KES-2 (8.930) on June 18th at 2:10 P.M. There was no audible signal and accordingly CBS cancelled the broadcast.	
11.880	VLG-5	Melbourne, Australia,	used this frequency for their 8 A.M. transmissions until June 14th last.	
11.760	----	Radio Praha, Prague, Bohemia,	is now on this frequency for its evening broadcasts.	
11.710	VLG-3	Melbourne, Australia,	transmits from 8 to 8:45 A.M. daily.	
11.635	----	Leningrad, U.S.S.R.,	broadcasts in several foreign languages from 9:15 to 10:20 A.M.	
10.395	HET-4	Schwarzenburg, Switzerland,	phones WOA-4, New York, at about 6 P.M. daily.	
9.540	VLC-5	Melbourne, Australia,	This is the new call for their 8 to 8:45 A.M. broadcasts. The old call was VLG-2. Have been operating in parallel with VLG-3 since June 14th, 1944.	
9.518	OZF	Copenhagen, Denmark.	This is the correct frequency of this station despite the fact they announce as 9.520 mcs. No mention is made of their call.	
9.500	XEWV	Ciudad Mexico (Mexico City), D.F.,	relays BCB station XEW, 900 kilocycles, daily and into the late evening.	

Station WNYF, 1630 kilocycles, New York Fire Department in Queens, verifies its 7:30 P.M. broadcast with a fireboat picture post card signed by Patrick Walsh, Fire Chief and Commissioner. This station is now using a 500-watt transmitter and it therefore should have a good DX range.

HIGH FREQUENCIES (HWT) - Cont. from Page 5

<u>Mcs.</u>	<u>Station</u>	<u>Location</u>	<u>Operating Hours</u>	<u>Etc.</u>
7.520	KKH	Kahukuku, Hawaii,	heard with a broadcast for CBS at 7:45 A.M. R-9 signal.	
6.170	WCBX	New York,	broadcasts a sportscast for the Army at 12 noon.	
6.160	CBRX	Vancouver, British Columbia,	heard at 6 A.M. on D-Day with news of the invasion.	

HIGH FREQUENCIES--(EWT) -- By James J. HartMcs. Station, Location, Operating Hours, Etc.

- 17.980 KHE Kahuku, Hawaii, on for the Army Hour, WEAF network feature heard every Sunday from 3:30 to 4:30 P.M., relays all islands in the South Pacific (Australia is excepted). Other stations utilized to relay programs to the Army Hour are AFHQ, 16.025 mcs. which handles Rome broadcasts and station GCU, 9.950 mcs. which pipes programs from London and the Normandy section of France.
- 17.750 WRUS Boston, in addition to this frequency, uses 15.350, 11.730, 9.700 and 7.575 mcs. for evening transmissions under the following calls: WRUS, WRUA, WRUW and WRUL.
- 15.350 ----- An Indian station, believed to be in Delhi as the announcer states when presenting the news in English at 9:30 P.M. - "This news is coming from Delhi," devotes about 14 minutes to the news of the day. There is no sign-off in English and programs continue immediately thereafter with announcements in an Indian dialect.
- 15.330 KGEX San Francisco, is the new call for station KGEI. Sign-on occurs at 7:45 P.M. daily when a program is broadcast for the Philippine Islands. The same call is used on 9.530 mcs. at 5:30 A.M.
- 15.200 WNL Cincinnati, is on this frequency for evening programs. When your pinch-hitting short wave editor heard WNL on 15.230 mcs. (simultaneous) he thought his set had gone haywire and called Joe Stauhs of Bloomfield, N.J. on the phone. WNL's announcer incidentally, announced only the 15.200 mcs. frequency. Joe experienced the same situation and like the good pal he is, wrote WNL who admitted they were using two frequencies. Joe, by the way, is a bit hot under the collar for he has been doing a grand job monitoring JLT and sending messages to the folks of our boys imprisoned on Jap soil. Now, WNL with its super-power, is blanketing the Nipponese station.
- 15.190 XGOX Chungking, China, is used for NBC relays at 7:15 P.M. XGOX has not been heard here however, because of the fact KROJ covers that band. The Chinese station should soon be using 11.915 mcs. before long and as the nights grow longer.
- 14.985 EDS Madrid, Spain, is utilized to relay programs to CBS at 6:45 P.M. Station EAY, 10.070 mcs. is also on the air at that time to be used in the event there is severe fading via EDS.
- 13.650 ----- Athens, Greece, has changed schedule and is now on the air Wednesday, Saturday and Sunday at 8 P.M. The opening and closing announcements are in English but all others are Greek. Sign-off usually comes at 8:50 P.M.
- 11.970 ----- Radio Brazzaville, Free French Africa, broadcasts the news in English for listeners in the United States and Canada daily at 7:30 P.M. This station also transmits on 9.440 mcs. but there is much interference with its signals on this frequency.
- 11.897 JVU3 Tokyo, is putting out a good signal between 6:15 and 7 P.M. daily. At 7 P.M. however, KWLX on 11.900 mcs. comes on the air and just about blankets the Jap station.

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HIGH FREQUENCIES (EWT) - Cont. from Page 5

<u>Mcs.</u>	<u>Station</u>	<u>Location, Operating Hours, Etc.</u>
11.847	WGEX	Schenectady, N.Y., uses this frequency for morning transmissions. This is a new call for WGEA.
11.845	----	A French-speaking station signs on the air on this frequency at 6 A.M. (This is a Vichy or Mondial frequency) No location is given but the station identifies itself as "Voice of France". Excellent signal.
11.840	VIG4	Melbourne, Australia, has a newscast at 6 A.M. and usually signs off at 6:10 A.M. requesting its listeners to tune to VLI3 on 15.320 mcs.
11.830	VIG3	Perth, Western Australia, presents the news at 5:45 A.M. and follows with a musical program at 6 A.M. Sign-off usually occurs at 6:55 A.M. and at 7 A.M. VLI6, frequency 9.680 mcs. carries on.
11.825	JVZ2	Tokyo, signs on at 6 A.M. carrying the same program as JRAX in the Palau Islands. Signals of the former are weak at present.
11.780	OIX3	Lahti, Finland, plays chimes for ten minutes before sign-on at 8:15 A.M. when it transmits for listeners in North America.
11.720	CKRX	Winnipeg, Manitoba, Canada, broadcasts an evening program beginning at 6 P.M. CKRO on 6.150 mcs. has not been heard recently.
11.705	SBP	Hotala, Sweden, broadcasts to North America at 9 P.M. daily with an excellent signal.
9.935	----	Radio Mediterranean, location unknown, is believed to be old SVM, Athens, Greece. This station is on the air nightly at 6:30 with announcements in English.
9.830	VLX2	Melbourne, Australia, broadcasts to CBS at 8 A.M. daily. Contact here is KMI2 whose frequency is unknown.
9.680	VLC2	An ABSIA station, is beamed upon the Philippine Islands. At close down it requests its listeners to tune in VLC4, 15.315 mcs. at 10:30 P.M. EWT. Joe Stauhs reports VLC2 is heard R9 plus in Bloomfield.
9.615	VLC6	Melbourne, Australia, transmits for North America instead of VLC5 on 9.540 mcs. Heard on July 24 and 25, the program was also carried by VIG3. VLC6's announcer stated the programs represented a two-day test transmission period.
9.610	----	United Nations Radio, Algiers, presents the news in English at 6 A.M. daily. Good signal.
9.480	----	Radio Metropole (probably in Beograd) is back on this frequency and broadcasts an English program at 5 P.M. daily.
9.465	TAP	Ankara, Turkey, has program for NBC at 7:15 P.M. daily. The commentator stated that Radio Metropole plays politics with both the Allies and the Axis.
6.715	ZLT7	Wellington, New Zealand, is still coming through nicely at 5:30 A.M. daily. This station broadcasts sports news until 5:45 A.M. Sundays.

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HIGH FREQUENCIES (EWT) - By James J. Hart

(Cont. from Page 6)

Mcs. Station, Location, Operating Hours, Etc.

6.130 VPD2 Suva, Fiji Islands, broadcasts a program of hymns at 5:15 A.M. every Sunday. Sign-off comes at 5:30 A.M. accompanied by rendition of the British anthem "God Save the King".

5.985 ----- Radio Andorra, Andorra, has found a clear channel in 5.985 mcs. and it is coming through with excellent signal strength from 5:30 to 6:30 P.M. when it leaves the air. Announcements in French are made by a male announcer and those in Spanish by a woman. This station identifies itself as "Emissora Andorra!"

The Allied short wave station ICD, located "somewhere" in Italy and transmitting on a frequency of 13.250 mcs., is on the air daily at 8 A.M.; at 6:45 P.M. and at 7:15 P.M. when it relays Allied Press Headquarters in Rome to the networks in this country. ICD is also on the air at various other times of the day sending press releases to the United States.

AFHQ, Allied Force Headquarters Station in Algiers, can be heard at the same times ICD transmits. AFHQ is currently broadcasting on a frequency of 8.960 mcs.

Joe Stauhs of Bloomfield, N.J., one of the Club's old reliables and a steady and valued contributor to this section of our bulletin, is the first NNRC member (and in so far as we know, the first SW listener) to receive an official verification from ABSIE, the American Broadcasting Station in Europe. Joe's confirmation covers reception of one of ABSIE's earlier transmissions on the 9.625 mcs. band. This prized verification was received through the Office of War Information.

The Australian short wave station VLOC, frequency 9.615 mcs., is coming through exceptionally well at present on this frequency between 8 and 8:45 A.M. when it carries the North America transmission.

BBC STATIONS AND FREQUENCIES - By James J. Hart

The New York Office of the British Broadcasting Corporation advises that the BBC is currently radiating eight programs each day of the week. These programs are designated the Red, Green, Purple, Brown, Pink, Blue, Yellow and Gray and they are beamed to every section of the world at various times during the day.

Newscasts are heard at the following times: 5:45 P.M. for five minutes; 6:45 P.M. 15 minutes; 9 P.M. ten minutes; 10:45 P.M. 15 minutes; 12:30 A.M. 12 minutes. Special news from the war fronts is heard at 7:30 and 11 P.M.

The following calls and frequencies became effective as of June 18, 1944:

Mcs.	Call	Mcs.	Call	Mcs.	Call	Mcs.	Call	Mcs.	Call
21.470	GSH	15.260	GSI	11.730	GVV	9.490	GWF	6.195	GRN
18.025	GRQ	15.180	GSO	11.700	GVW	9.455	GRU	6.180	GRO
17.870	GRP	15.140	GSF	11.680	GRG	9.410	GRI	6.165	GRK
17.810	GSV	15.070	GWC	9.825	GRH	7.320	GRJ	6.150	GRV
17.790	GSG	12.095	GRF	9.690	GRX	7.280	GWN	6.125	GWA
17.730	GVQ	12.040	GRY	9.660	GWP	7.260	GSU	6.110	GSL
17.715	GRA	11.955	GVY	9.640	GVZ	7.250	GWI	6.090	GWM
17.700	GVP	11.930	GVX	9.625	GWO	7.230	GSW	6.070	GRR
15.450	GRD	11.860	GSE	9.600	GRY	7.205	GWL	6.050	GSA
15.435	GWE	11.820	GSN	9.580	GSC	7.185	GRK	6.010	GRB
15.420	GWD	11.800	GWH	9.550	GVB	7.150	GRT	2.880	GRC
15.310	GSP	11.780	GVU	9.525	GVJ	7.120	GRM		
15.300	GWR	11.750	GSD	9.510	GSB	7.065	GRS		

Daily North America TransmissionsRed Program

Station	Mcs.	Time (EWT)
GVX	11.930	5:15 P.M. to 8:00 P.M.
GSC	9.580	5:15 P.M. to 12:45 A.M.
GSU	7.260	8:15 P.M. to 12:45 A.M.
GSL	6.110	8:00 P.M. to 12:45 A.M.
GRM	7.120	10:45 P.M. to 11:30 P.M.
GRC	2.880	10:15 P.M. to Midnight
GSP	15.310	8:00 to 10:00 A.M.; 10:15 to 11:00 A.M. and from 11:30 A.M. to 5:00 P.M.

Green Program

GRC	2.880	Midnight to 1:30 A.M.
GSB	9.510	5:00 A.M. to 6:15 A.M.
GRG	11.680	6:15 A.M. to 7:15 A.M.
GSP	15.310	7:15 to 8:00 A.M. and from 11:00 to 11:45 A.M.
GRG	11.680	5:00 P.M. to 8:00 P.M.
GIX	9.690	5:15 P.M. to 10:15 P.M.
GRB	6.010	8:15 P.M. to 10:15 P.M.
GRC	2.880	5:15 P.M. to 10:15 P.M.

Purple Program

GSP	15.310	11:45 A.M. to Noon and from 12:15 P.M. to 5:00 P.M.
GRG	11.680	4:15 P.M. to 5:00 P.M.

HIGH FREQUENCIESBy James J. Hart

<u>Mcs.</u>	<u>Station</u>	<u>Location</u>	<u>Operating Hours (EWT)</u> , <u>Etc.</u>
18.000	KQG and KKQ,	the latter on 11.950 mcs.	but both in San Francisco, are used for relays to Hawaii. KHE, 17.980 mcs., is used as the Honolulu contact and is usually on daily at about 5 P.M.
17.800	WLWO	Cincinnati,	is used as one of the "Voices of America" at 8 A.M. daily. Signal is excellent.
17.790	GSG	London,	is excellent with program for India at 8:15 A.M. Advises listeners in India to tune in at 15.00 GMT for next program in English which is broadcast over GWD, 15.420 and GRV, 12.040 mcs.
17.715	GRA	London,	broadcasts an enjoyable concert at 8:30 A.M. daily.
15.595	----	Radio Brazzaville,	Free French Africa, presents a morning program with English announcements at 8:20 A.M. daily on this frequency but signals are not as good as the afternoon broadcast on 11.970 mcs.
15.325	JLP2	Tokyo,	signs on at 9:45 P.M. with an Oriental language program. Signal is just fair.
15.315	VLC4	Sydney, Australia,	is now used for the 9:45 P.M. North America transmission. Signal is excellent at present.
15.225	JLT3	Tokyo,	operates in parallel with JZK, 15.160, and JYU3, 11.897 mcs. for the daily 6:15 P.M. transmission to North America. Of the three, JLT3 is putting out the best signal.
15.155	SBT	Motala, Sweden,	is on the air daily at 11 A.M. with news in English and Swedish. There is considerable interference from WNBI on 15.150 mcs.
14.800	WQV and WQW,	New York,	the latter on 10.600 mcs., are used daily for contacts with AFHQ and ICD at 6:30 P.M. carrying relays for the networks in this country.
13.250	ICD	Somewhere in Italy,	has returned to the air and is again relaying APH and APHF in Rome.
13.020	WNRA	New York,	a new "Voice of America," occasionally uses the call WNRI. This call is also used on 9.860 mcs. during the evening.
12.127	----	Radio Tammrivo,	Madagascar, has a French program every morning from 8:45 to 9 when it signs off. This station's signal is now greatly improved.
12.115	ZNR	Aden, Arabia,	is broadcasting with a vastly improved signal. Announcements in English are made at 1:00 and 1:15 P.M.
11.995	ZPA5	Encarnacion, Paraguay,	employing the slogan "Station Official of Paraguay," is on the air daily at 6:30 P.M.
11.897	JYU3 and JYU3,	the latter on 11.725 mcs.,	transmit simultaneously at 9:30 A.M. and carry the same program.
11.840	VLC4	together with stations VLI3, 15.320 and VLC5, 9.540 mcs.,	have been used for a new ABC program daily at 6:45 A.M. when they transmit an Asiatic program.

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HIGH FREQUENCIES

(Continued from Page 5)

<u>Mcs.</u>	<u>Station</u>	<u>Location</u>	<u>Operating Hours (EWT)</u> , <u>Etc.</u>
11.760	OLR4B	Praha (Prague), Czechoslovakia,	is now using its old pre-German invasion again. Announcements by a woman in English, state they are broadcasting on 11.840 mcs. This station is however, actually on 11.760 because if it were on 11.840 mcs. the call would be OLR4A.
9.680	VLW6	Perth, Western Australia,	relays San Francisco at 6:30 A.M. every Sunday.
	XEQQ	Mexico City,	transmits English and Spanish lessons at 7 P.M. daily.
9.640	KAIN	Slogan "Voice of the Philippines,"	broadcasts a musical program every morning at 7:45 and until 8:30 A.M. A newscast in English follows this period. KAIN is old KZRH.
9.645	KGOY	Chungking, China,	is again coming through for a few minutes after sign-on at 7:30 A.M. This station should grow correspondingly stronger as the days grow shorter.
9.625	XGCA	Kalgan, China,	is registering nicely at present with signals ranging from fair to good. Its 7:30 to 8 A.M. daily program is announced in English.
9.605	JLP	Tokyo, Japan,	is on the air every morning at 7 with an oriental program. It interferes badly with Algiers on 9.610 mcs.
9.565	-----	Komsomolsk, U.S.S.R.,	relays Moscow programs to the U.S. net-works daily at 7:30 A.M. with an excellent signal. Other frequencies used at this time are 15.230, 11.885, 11.948 and 10.445 mcs.
9.548	-----	Radio Shonan (formerly Singapore)	is putting out the best signal on the 31 meter band at 6:30 A.M. It is announced that they are also operating on 11.860 mcs. but that frequency has not as yet been heard here.
7.195	-----	Radio Debunk (location unknown)	urges listeners to forward donations to prevent any future wars. Listeners are also urged not to buy any more of Uncle Sam's War Bonds. We'll wager that your Uncle Samuel's Bonds and intentions will pay greater dividends than the type that sponsor and run this station.

Supplemental

The following short wave notes were forwarded by Art Cushen of New Zealand on February 26 and for some unknown reason failed to reach here until August 20. They are, despite this late date, included in this section as they include some interesting items. We are grateful to Brother Cushen for his interest and for his kindness in converting the New Zealand Time to EWT:

Station JANX, 12.270 mcs., Joakata (formerly Batavia) broadcasts in English from 6 to 9 A.M. daily. This program is also radiated on 18.135 mcs. at the same time.

KIAN (formerly KZRH), Manila, broadcasts the news at 6:30 and 8:30 A.M. on 6.100 and 9.640 mcs.

Shonan (Singapore), frequency 9.548 mcs., is believed to be utilizing the 100 KW MBC transmitter.

Colombo, Ceylon, verifies and advises it operates on 4.900 and the BCB frequency of 700 kilocycles. Address is Office of Supt., Torrington Square, Colombo, Ceylon. Is good at 11 A.M. with BBC news.

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HIGH FREQUENCIES (LWT) - Cont. from Page 6

Following are the new calls, frequencies and times on the air of the India stations:

<u>Station</u>	<u>Mcs.</u>	<u>Location</u>	<u>Time (LWT)</u>
VUD	3.490	Delhi	Good to 12:15 P.M.
VUB-2	3.360	Bombay	" " noon
VUM-2	3.340	Madras	Fair at noon
VUC-2	3.305	Calcutta	Good at noon

The Delhi frequencies are 9.590, 7.290, 6.190, 6.080 (new), 4.960 and 3.490 mcs.

In the August 1st issue of the bulletin, I was in error stating that KGEX, 15.330 mcs., was a new call for KGEI. In correction, KGEI is still operating on a new frequency and KGEX is a new station with increased power.

BBC INVASION BROADCASTS

The British Broadcasting Corp., New York, has released the following schedule of invasion broadcasts (actualities and eyewitness accounts) which became effective August 30 and cancels all previous schedules. All time is Eastern War Time:

<u>Time</u>	<u>Mcs.</u>	<u>Station</u>
8:00-8:15 A.M.	15.31	GSP
10:30-10:45 A.M.	15.31	GSP
4:00-4:15 A.M.	15.31	GSP
	11.68	GRG
6:55-7:00 P.M.	11.93	GVX
	9.64	GVZ
	9.82	GRH
7:30-7:45 P.M.	6.11	GSL
	7.26	GSU
	9.82	GRH
	9.64	GVZ
10:00-11:15 P.M.	6.11	GSL
	7.26	GSU
	9.82	GRH
	2.88	GRC
	9.64	GVZ
	9.51	GSB
	6.15	GRW

The BBC states that the above schedules are predicated upon the availability of eye-witness reports from the actual fighting fronts. It is possible that such material will not always be available. London announcers are however, stating during the BBC summary period at 2 P.M. EWT, whether or not the actualities will be broadcast at 4 P.M. Outstanding material heard during these special periods will in most cases be repeated in the BBC "Radio Newsreel". If it is made available for broadcast by the censor after the second edition of "Radio Newsreel" at 11 P.M. EWT, it will be heard in the "Morning Special" at 10:30 A.M. EWT.

HIGH FREQUENCIESBy James J. Hart

<u>Mcs.</u>	<u>Station</u>	<u>Location, Operating Hours (EWT), Etc.</u>
18.000	KQG	San Francisco, is now utilized for contact with XGOY, 15.180 mcs., Chungking, China, at 6:15 P.M. daily for relays to U.S. networks.
15.740	----	Radio Center, Moscow, is excellent at noon when it endeavors to cover the U.S. with news. Radio Center broadcasts on the following frequencies at 7:40 A.M.: 11.885, 11.870, 10.445 and 8.940 mcs.
15.405	PZC	Paramaribo, Suriname, heard testing with music at 8:10 A.M. September 21. This station can be heard daily at 11:30 A.M. and 3:30 P.M. calling WKF, New York, for traffic.
15.260	----	Allied Force Headquarters Radio Station (no location given) heard describing a plane flight over Holland from which 19 paratroopers "hit the silk". This station was logged from 6:20 to 8:05 P.M. Then on September 21 it was again heard and at that time announced its call as NPM, but again it did not announce its location.
15.180	XGOY	Chungking, China, is on the air at 7 P.M. with a program for NBC.
15.165	----	Leopoldville, Belgian Congo, relays OWI news and comment at 11 A.M. daily. Announces its call only before the beginning of each program.
12.280	----	Radio Joacata (call given as JANX) has an all-English program daily from 7:30 to 9 A.M. when a woman announces. Signal is very good. Joacata (pronounced like "Dakota") is the Jap-controlled city of Batavia, Java. A newscast, relayed from Tokyo, is transmitted at 8:05 A.M.
12.270	----	Radio Center, Moscow, broadcasts the news in English daily from 7:15 to 7:30 A.M. Good signal.
12.115	ZNR	Aden, Arabia, presents an English program at noon daily. Announces call in English at 12:15, 1 and 1:15 P.M. At 12:15 P.M. the announcer states the program will continue in Arabic; at 1 P.M. in Somali. This station is now putting out a much-improved signal. It tests from noon to 12:15 P.M. with American music designating the period a special test. To date there have been no newscasts in English over ZNR.
12.005	----	A special transmitter on for Paris, relays to this country's networks at 6:30 P.M.
11.995	CE-1180	Santiago, Chile, is on daily at 6 P.M. reaching peak volume at 7 P.M.
11.915	XGOY	Chungking, China, is on the air daily at 7 A.M. when with a fair signal, it broadcasts a program with English and Chinese announcements. Sign-off is usually at 7:30 A.M.
11.900	CZA-10	Montevideo, Uruguay, signs on daily at 6:15 P.M. and contends with some QRM from Tokyo.
11.897	JVU3	Tokyo, are the only stations now being utilized for the eastern and North America service at 6:15 P.M. daily. Although a station is mentioned as operating in the 31 meter band, your SW editor has never heard it. Has anyone? If so, what is the frequency? JLT-3 transmits on 15.225 mcs.

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HIGH FREQUENCIES

(Continued from Page 5)

Mcs.	Station	Location	Operating Hours (EWT), Etc.
11.780	----	Radio Saigon, French Indo China, under Jap control, has program in English at 7:15 A.M. daily. Broadcasts lists of war prisoners at 7:30 A.M. Interferes with GUV, London, on 11.780 mcs.	
11.765	----	Algiers is on daily on this frequency and on 11.880 mcs. simultaneously at 7 A.M. when it relays the BBC and Voices of America programs. Announcer says: "Algiers on 25.6 and 25.2 meters. These frequencies would be 11.715 and 11.910 mcs. However, this station is heard on the two first-mentioned frequencies and not on 11.715 and 11.910 mcs.	
11.695	----	Berlin, Germany is on this new frequency but so far no call has been heard. Presents the news in English at 9:30 A.M. This one is laying down a good signal.	
11.535	----	Radio Cameroon, Douala, French Cameroons, is back on this channel with a much-improved signal. Is overriding DZA, Berlin which also transmits on 11.535 mcs.	
11.415	----	Dakar, French West Africa or Senegal, has excellent signal at 3 P.M. daily. Is however, no longer heard on its other frequencies.	
10.090	----	National Radio of the Azores at Ponta del Gada, Azores, has program of popular music during the afternoon. We logged this station between 3 and 3:45 P.M. It is easy to identify. Signs on with a clock striking the hour and rendition of the Portuguese national anthem. One stroke on a gong is heard between musical selections.	
9.952	----	Radio Macassar, Celebes, on the air daily with sign-off occurring at 7 A.M. Programs are chiefly Dutch and Japanese. Remains on the air until 7:15 A.M. Sunday.	
9.720	XGOA	Chungking, China, was heard here for the first time on September 15 at 7:45 A.M. This station is now a daily visitor with its signal improving as the days grow shorter and cooler.	
9.645	XGOY	Chungking, China, signs on with a program for Asia at 7:35 A.M. It was announced that they were transmitting on 7.171 mcs. also but have not as yet been heard. So far, XGOY is best on 9.645 mcs.	
9.640	KIAN	Manila, Philippine Islands, (formerly KZRH) uses the slogan "The Voice of the new Philippines!" That slogan will no doubt be obsolete before long. KIAN broadcasts news in English at 8:30 A.M. The remainder of the program consists of talks in the native language and the playing of American recordings.	
9.630	HJCT	Bogota, Colombia, S.A., is trying out this frequency once more and can be heard at 8 P.M. but through severe QRM. HJCT is much better on 6.255 mcs.	
9.625	XGCA	Kalgan, China, is the strongest Chinese station heard so far. Only English heard is when the call is given. This station is good from 7 A.M. to fadeout which occurs at about 8:45 A.M.	

(Continued on Page 8)

HIGH FREQUENCIES

(Continued from Page 6)

<u>Mcs.</u>	<u>Station, Location, Operating Hours (EWT), Etc.</u>
9.618	FFI Fighting French of the Interior station, is on daily with all-French programs. A program with English, French and Spanish announcements is broadcast at 8 P.M. This station's slogan is "Radiodiffusion de Nation Francaise". There is considerable interference from Berlin, London and from a San Jose (Costa Rica) station.
9.615	VLC-6 Shepparton, Australia, is now being used for the eastern North American transmissions at 8 A.M. It can be heard from 7:15 to 7:45 A.M. with a South Seas program and at 9 A.M. with a program announced in French. Another Australian service for eastern North America is radiated by VLC-4, 15.315 mcs. at 9:45 P.M. VLC-4 and VLC-6, the latter on 15.230 mcs., combine for an overseas broadcast to Australian troops at 11 P.M. Then VLG-3, 11.710 mcs. and VLG-4, 11.840 mcs., broadcast to western North America from 1:10 to 1:40 A.M.
9.595	---- Radio Eire, Athlone, Eirish Free State, is on daily at 5:10 P.M. with news and messages from the Vatican. The latter feature is heard at about 5:30 P.M. This relay may be picked up direct from HVJ, 15.120 mcs. from 10:30 to 11 A.M. Thursday mornings.
9.590	VUD-4 and VUD-2, 6.190, sign on daily at 3:30 P.M. with a fair signal. The news in English is broadcast for 15 minutes with the statement that the stations are radiating on 3.130 and 48.47 meters. It is also announced that this program can be heard over five other stations but their frequencies are not announced.
9.560	---- Allied Expeditionary Station at Teheran, Iran, broadcasts daily from 3:30 until fadeout at about 5:40 P.M. Relays BBC, NBC and OWI programs. Offers a \$500 Bond as a prize. Listeners should tune in for the details.
8.960	---- Allied Force Radio at Algiers, relays BBC and U.S. programs at 6 P.M. The station designation is changed to AFHQ at 6:30 P.M. when it relays for the U.S. networks.
8.003	---- Radio Maroc, Rabat, Morocco, is still operating with a good signal and still relaying Free French programs from other countries.
7.215	VLQ-2 Brisbane, Australia, is on the air daily until 9:30 A.M. relaying the home service. VLQ-2's signal is strong enough for it to be an international station.

Supplemental

Station APP-5, Paris, France, frequency 15.840 mcs. is on for the U.S. networks daily at 8 A.M. The New York contact is WDO, 14.470 mcs., Ocean Gate, N.J.

Station APH, on the Italian battlefield, is relaying programs to the BBC at 8:45 A.M. The frequency is 14.480 mcs.

ICD (somewhere in Italy) is using a new frequency of 10.650 mcs. at 6:30 P.M.

XGOY, Chungking, China, is now on the air nightly at 8 with a program in Chinese until 8:15 P.M. when English is used until fadeout just before 9 P.M. XGOY's signal is improving steadily. XGOY, 11.900 and 7.171 mcs. (the former frequency is actually 11.915 mcs. because KWID is on 11.900 and would certainly blot out XGOY) can be heard between 7 and 7:30 A.M. daily.

DXU-9, Huison, Holland, 9.590 mcs., has program in English at 2:45 P.M. Plays popular American selections and ribs the British quite a bit.

SCHEDULE OF AUSTRALIAN SW BROADCASTS

The following schedule of overseas short wave broadcasts from Australia daily beamed upon North America are supplied through courtesy of the Australian News and Information Bureau, New York City:

<u>Time (EWT)</u>	<u>Station</u>	<u>Direction</u>
8:00 A.M.	VLC-6	Eastern North America
8:45 A.M.	VLC-6	" " "
11:00 A.M.	VLG and	Western North America
11:45 A.M.	VLC-6	" " "
10:30 P.M.	VLC-4	Eastern North America
11:30 P.M.	VLC-4	" " "
1:10 A.M.	VLG-3 and	Western North America
1:40 A.M.	VLC-4	" " "

Frequencies Now in Use

Melbourne

Shepparton

Sydney

VLG	9.58 mcs.	VLC-2	9.68 mcs.	VLI-2	11.87 mcs.
VLG-2	9.54 "	VLC-3	11.87 "	VLI-3	15.32 "
VLG-3	11.71 "	VLC-4	15.315 "	VLI-4	7.22 "
VLG-4	11.84 "	VLC-5	9.54 "	VLI-6	9.59 "
VLG-6	15.23 "	VLC-6	9.615 "	VLI-8	17.80 "
				VLI-9	7.28 "

Other daily transmissions are beamed upon Tahiti, Great Britain, North Asia, New Caledonia, Asia, and Australian Forces fighting in the Pacific Area.

DIALING THE SHORT WAVESBy James J. Hart

Following are the initial reports of two short wave fans who were recently enrolled in The Newark News Radio Club. They are Charles S. Sutton of Toledo, Ohio and Gilbert L. Harris of North Adams, Mass. Both have made an exceptionally fine beginning. We hope they will be steady contributors to the SW section of our bulletin:

Mcs.	Station	Location, Operating Hours (EWT), Etc.
15.750	----	Radio Centre, Moscow, U.S.S.R., has been heard here recently from noon to 12:30 P.M. R-9 plus. (Harris)
15.595	----	Radio Brazzaville, Brazzaville, French Equatorial Africa, is coming through R-9 plus from noon to 12:55 P.M. (Harris)
15.290	KGEI	San Francisco, heard October 14 from 9:30 to 10 P.M. with early American dance music. (Harris)
12.115	ZNR	Aden, Arabia, heard at noon October 15 with musical program. Excellent signal. Signed off at 1:16 P.M. (Harris)
11.900	CXA10	Montevideo, Uruguay, signs on at 6:15 and broadcasts until 10 P.M. every Saturday. (Sutton)
11.840	VLC7	Shepparton, Australia, has replaced VLC4 (15.315 mcs.) on the 1 A.M. transmission. (Sutton)
11.635	----	Hungarian Nations Radio, heard Sunday, October 8 from 1:15 to 1:29 P.M. Very good signal. (Harris)
10.780	SDB2	Stockholm, Sweden, calls NBC, N.Y. at 7:15 P.M. preparatory to the beginning of the program at 7:30 P.M. (Sutton)
10.338	----	Bern, Switzerland, heard Sunday, October 15 from 3:45 to 4:18 P.M. when it signed off. Good signal. (Harris)
10.198	WNC4	Calling H161 and H141, 4.475 mcs. at 7:50 P.M. (Sutton)
10.005	----	Voice of the Free Arabs logged Sunday, October 8 from 2:15 to 2:33 P.M. and from 3:15 to 3:30 P.M. (Harris)
9.865	----	Radio Centre, Moscow, with program of news in English and music from 9 to 9:40 A.M. (Sutton)
9.835	----	Hungarian Nations Radio logged Sunday, October 15 from 3:15 to 3:29 P.M. Also had a good signal. (Harris)
9.800	----	Radio Atlantik, Deutscher Kurzwellensender Atlantik, is now on this new frequency. Signs on at 12:30 P.M. R-9. Heard previously on 9.760 kcs. (Harris)
9.630	CBFX	Radio Canada, Montreal, heard signing off at 12:06 A.M. October 15. (Harris)
9.650	DJW	Berlin, Germany, heard between 9:30 and 10:30 A.M. News in English at 10:15 A.M. (Sutton)
9.615	TIPG	San Jose, Costa Rica, "Voice of RCA-Victor, heard R-9 October 14 at 9 P.M. (Harris)
9.610	----	Rio de Janeiro, Brazil, at 9:47 P.M. October 14 with a broadcast that was descriptive of some sort of game. (Harris)
9.540	VLC5	Shepparton, Australia, from 8:30 to 9 A.M. with news in English (Sunday morning). This is new schedule. (Sutton)
9.440	----	Radio Brazzaville transmits from 2:40 to 6:15 P.M. Has an English period from 2:45 to 4:45 P.M. (Sutton)
7.520	KKH	Kahuku, Hawaii, relays broadcasts for CBS from 7:45 to 8 A.M. (Sutton)
7.480	XGOI	Shanghai, China, heard from 8 to 8:20 A.M. Sunday morning. Was much surprised to hear this one. (Sutton) This is an exceptionally fine catch. SW Editor.
6.715	ZLT7	Wellington, New Zealand, heard between 5:15 and 5:40 A.M. Sunday. News in English at 5:30 A.M. (Sutton)

Brother Sutton also reports that HAT4, 9.125 mcs., Budapest, Hungary, is still on the air between 9:20 and 11 P.M.

ADDITIONAL SHORT WAVE ITEMS

Gil Harris, North Adams, Mass., forwards these late tips: "TGWA, 15.170 mcs., Guatemala, was heard October 24 at 11:18 A.M. Music was featured from 11:20 to 11:36 A.M. and they were still on the air at 11:54 A.M. This is a new schedule for TGWA. HVJ, 17.455 mcs., Vatican City, was logged October 24 at 10:35 A.M. when they were signing off in Italian. ZNR, Aden, Arabia, heard October 23 at 11:45 A.M. and at noon on 12.115 mcs. At 12:01 they presented a talk in a language I did not recognize. This is also a new time for ZNR. Radio Atlantic, logged October 22 on 9.800 mcs. and on 9.930. Both frequencies carried the same musical program from 2:30 to 3 P.M. Then both gave the news in German until 3:15 P.M. followed by more music. Both were 40 DB above S9 on the NC-200. The bulletins are O.K. Chas. S. Sutton likes them too! ... Glad to hear that, Gil.

HIGH FREQUENCIESBy James J. Hart

Mcs.	Station	Location	Operating Hours (EWT), Etc.
18.450	-----	An unidentified station heard on this frequency November 3 from 11:15 A.M. to 12:29 P.M. when it signed off. It broadcast programs in Italian, French and German; also musical interludes. A gong, used as an interval signal, was sounded at 11:24 A.M. and 12:25 P.M. Any help on this one? (Harris, Mass.)	
17.780	WNBI	New York	heard signing off at 7:32 P.M. November 5. (Harris)
17.760	KPID	San Francisco	heard VFB November 5 to signoff at 7:45 P.M. News in English was broadcast from 7 to 7:14 P.M. (Harris)
17.245	AFHQ	Somewhere in Italy	heard with press reports and news daily from 10 to 10:30 A.M. (Sutton, Ohio)
15.905	MCD	Paris, France	calling CBS from studio J for rebroadcast at 8 A.M. and at 8:25 A.M. for the Blue Network. Excellent signal! This is an odd call for a Paris transmitter. MCD also uses this frequency at 8 P.M. when the relay is from the battlefields inside Germany. (Hart, Irvington, N.J.)
15.355	KWU	San Francisco	heard November 5 with news in English from 7:45 to 8 P.M. with music interspersed the last two minutes. (Harris) Heard contacting VLN4, 17.640 mcs., daily at 3 P.M. for traffic. Arranged schedule for 6 P.M. with Australia employing VLN8 on 10.525 mcs. (Hart)
15.315	VLC4	Shepparton, Australia	heard R6 to 8 from 8:45 to 9 P.M. Severe QRM from San Francisco. (Sutton)
15.230	-----	Radio Centre, Moscow	with good signal on the 6:47 to 7:25 P.M. transmissions. Can also be heard on 15.750 mcs. simultaneously and on the last-mentioned frequency from 7 to 8:50 A.M. (Sutton)
15.225	JLT3	Tokyo	heard November 4 with news in English from 6:20 and 7:20 P.M. on. Signals were 40 DB above S9. These programs were also heard over JVU3 on 11.897 mcs. (Harris)
15.170	TGWA	Guatemala City	heard November 1 at 6:30 P.M. They must have been broadcasting some kind of a celebration as there was plenty of applause. TGWA has also been heard several times relaying the NBC. (Hart)
13.300	-----	An unidentified station	heard at 3 P.M. November 5 with an oriental program similar to those originating in India or Arabia. There were no announcements and while this station's signals were good, it was deliberately jammed at 3:30 P.M. (Hart)
12.127	-----	Radio Tananarive, Madagascar	relays Radio Brazzaville, French Equatorial Africa from noon to 1 P.M. Good signal. (Sutton)
12.115	ZNR	Adon, Arabia	logged November 5 from 11:45 A.M. to noon with musical program. Good signal. (Harris)
11.960	HEK4	Bern, Switzerland	with program to Australia from 1 to 2:30 A.M. Tuesday in English and on Saturday in a foreign language. Stations HEI3, 7.380; HER3, 6.165; HEI2, 6.345 and 9.185 mcs. are heard on occasions between 9:30 and 11 P.M. but never on Saturday. (Sutton)
11.950	ZPA3	Asuncion, Paraguay	broadcasts an English lesson every night at 9. (Hart)
	CELL85	Santiago, Chile	is back on the air with a much-improved signal. It employs the same deep-tone chime as an interval signal that is heard over CELL80 which is transmitting on 11.997 mcs. at present. (Hart)

(Continued on Page 6)

HIGH FREQUENCIES

(Continued from Page 5)

Mcs.	Station	Location	Operating Hours (EWT), Etc.
11.905	XGOY	Chungking, China,	broadcasts an "American Hour" from 8:20 to 8:45 A.M. daily. News in English from 8:30-8:40 A.M. Good signal. Seems to fade out at 8:47 A.M. (Sutton)
11.840	----	Shepparton, Australia and VLG3, Melbourne	on the air from 1:10 to 1:40 A.M. VLG3 is on from 11 to 11:45 A.M. also. (Sutton)
11.800	----	Unidentified station (and a good catch, boys!)	with a call that sounded like WPD. Your SW editor has looked through many logs but can't find the location of this one. They tested November 6 and stated they would be on the air at 6 P.M. November 7 with election results for the Mosquito and Pacific Isles Networks. The announcer called San Francisco frequently between 9:15 and 10:12 P.M. when the stranger faded. Hope some of you short wavers also heard this one. If so, did it give its location after we lost him? (Hart)
11.780	----	Radio Saigon	is again coming through at 7:15 P.M. with French and Asiatic programs. Signs off at about 7:50 P.M. This station always had a woman announcer until Jap occupation but employs a man now. (Hart)
11.745	----	Here is another one to try for.	This stranger could be Burma but according to any schedules I have seen, Burma does not sign on until 9 P.M. and I logged him at 8 P.M. with a talk in Japanese until 8:27 and then stirring march music until 8:30 P.M. After an announcement in Japanese there was more speech until 8:45 and then music until 8:47 P.M. The station then faded out. While transmitting it had a clear channel with no interference. Incidentally, GSD and COCY were on the air at the same time. (Hart)
11.725	JWV3	Tokyo,	presents the news in English at noon. Schedule is 9 to 10:30 A.M. and noon to 1 P.M. (Sutton)
11.720	CKRX	Winnipeg, Manitoba,	with news in English from 7:30 to 7:44 P.M. (Harris)
	PRL3	Rio de Janeiro, Brazil,	has program for North America at 10 P.M. daily. Woman announcer. Excellent signal! (Hart)
11.635	----	Hungarian Nations Radio	heard November 4 from 9:15 to 9:29 A.M. with very good signal. (Harris)
11.405	----	Radio Dakar	heard until 5 P.M. R7. (Sutton)
11.040	CSW6	Lisbon, Portugal,	heard November 5 at 3 P.M. (and not at 2 P.M.) which means that Portugal is probably back on standard time.
10.400	YSPA	San Salvador, El Salvador,	broadcasts until 11:50 P.M. daily. Relays BCB station YSP on 760 kcs. Slogan is "La Voz de Cuscatlan". (Sutton)
10.338	HE04	Bern, Switzerland,	has an English program daily from 3:45-4:15 P.M. Also heard on 10.340 mcs. Perhaps it drifted off frequency. (Sutton)
10.055	SUV	Cairo, Egypt,	heard November 5 at 2:15 P.M. News in English from 3 to 3:15 P.M. (Harris)
10.040	DZB	Berlin, Germany,	gave the news in English November 5 at 2:16 P.M. (Harris)
10.005	----	Voice of Free Arabs,	location unknown, heard from 2:15-2:30 P.M. November 5. (Harris)
9.980	----	Radio Brazzaville	with French program November 5 at 3:20 P.M. Signed off at 3:25 P.M. (Harris) According to latest log books this station uses only 500 watts. (Hart)

(Continued on Page 8)

HIGH FREQUENCIES

(Continued from Page 6)

Mcs.	Station	Location	Operating Hours (EWT), Etc.
9.930	----	Radio Atlantik, an anti-Nazi station, can be heard on this frequency as well as on 9.800 and 7.420 mcs. as early as 1:30 P.M. Logged on all three frequencies until 9:15 P.M. November 4. Only 7.420 mcs. was used after 7 P.M. November 5. (Harris)	
9.935	----	Look for a resumption of operation by SV stations in Greece. I heard a program from London and during it the Greek ambassador and an announcer who had been in exile, accepted from the BBC their "Shepherd horn and bells," the interval signal used by the SV stations. They stated they were returning to Greece to resume broadcasting as soon as possible. Grecian frequencies are 601 kcs.; 6.323 mcs., 7.075, 8.000, 9.180 and 9.935 mcs. Their schedule was from 3 to 3:30 P.M. before the war. (Hart)	
9.785	----	Leopoldville, Belgian Congo, has returned to this frequency and is no longer using 11.645 mcs. Heard beginning at 3 P.M. Excellent signal. (Sutton)	
9.670	----	United Nations Radio, British Mediterranean Station at Palestine, heard with news in English at 1:45, 1:59 and 2:15 P.M. Interval signal consisted of a few notes on a harp. (Harris) Here is a further schedule: 1:15 P.M. music; 1:30 news in German; 1:45 news in English and at 2 P.M. news in French. Call is given every five minutes. (Hart)	
9.645	XGOY	Chungking, China, broadcasts a news period in English at 10 A.M. daily. Signals are very good. At 7:35 A.M. XGOY transmits in several languages beginning with Spanish. (Hart)	
9.635	----	One of the finest signals ever to come out of Asia is on this frequency and the station is believed to be in India. The announcer is British and designates the station as a United Nations Radio Station with programs emanating from New Delhi on 31.15 meters. This program, heard from 7-8 A.M. is entirely in English. When closing down the announcer requests listeners to tune in All-India Radio on 41.24 meters (7.275 mcs.) (Hart)	
9.620	TIPG	San Jose, Costa Rica, slogan "Radio La Voz de Victor," heard from 7 to 10 P.M. when it signed off. (Sutton)	
9.595	----	Radio Eire, Athlone, Irish Free State, is good from 5 to 5:35 P.M. when it presents the news in English. (Sutton)	
9.590	VUD4	Delhi, India, heard with news in English from 9:45-10 P.M. This was really difficult to copy because of QRM and weak signals. Strength QSA3, R3-4. Has sharp swish and fade. (Sutton)	
9.555	----	Radio Shonan (Singapore), Malaya, heard from 6-7 A.M. News in English from 6 to 6:30 A.M. (Sutton)	
9.530	----	A D--- station at Berlin, Germany used in parallel with DXB on 9.610 mcs. from 4:30-5:20 P.M. (Sutton)	
9.470	JPHA	Hong Kong, is now on the air at 7 A.M. with an English program and after 8 A.M. when it employs eight other languages. Signals are R6. JPHA is the correct call. (Sutton)	
9.465	CR6RA	Luanda, Angola, heard from 3:30 to 4:30 P.M. with musical program and clock chimes. Signs off with Portuguese anthem. (Sutton)	
8.930	KES2	San Francisco, heard at 1 P.M. November 5 when it signed off. (Harris)	
8.665	COJK	Camaguey, Cuba, is now on this frequency having switched from 8.600 mcs. On from 8 to 9 P.M. (Sutton)	
8.585	----	Nazi-controlled station in North Italy from 5:15-5:45 P.M. Returned to the air at 5:47 P.M. and signed off at 8 P.M. No English but entirely Italian. (Sutton) Heard from 6-7 P.M. with Spanish and Italian. Call Radio Tevere. Drifts as high as 8.600 mcs. (Hart) Also heard on 8.550 mcs. (Harris)	

(Continued 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>
8.188	CNR	Rabat, Morocco,	from 3:30-6:43 P.M. November 5. Broadcasts talks in French by man and woman and also musical selections. This is a new frequency, CNR having changed from 8.035 mcs. Signals were very good. (Harris)
7.832	WLWR	Cincinnati,	with all-English program from noon to 1 P.M. November 5. (Harris)
7.820	WOOW	New York,	heard November 5 at 6 P.M. (Harris)
7.300	VUD5	Delhi, India,	R-5 beginning at 9 P.M. News in English from 9:45-10 P.M. Some fading. (Sutton)
6.470	WMI	Lorraine, Ohio,	communicating between 8:26 and 8:28 P.M. November 5. WMI has exclusive rights to contact all lake steamers. It has one of the finest services to ships in the world. (Harris)
6.212	----	Radio Atlantik	heard very well at 5 P.M. (Harris)
6.175	----	Can someone help your pinch-hitting SW editor before he goes baldly altogether? Have tuned in a station on this frequency morning after morning at 5 A.M. and listened until 6 or 6:10 when the stranger faded out rapidly. Signals are R-9 plus from 5 A.M. on. This station has its own programs and also relays U.S. stations. At 5:15 A.M. it broadcasts six "pips" the same as those used by the BBC denoting the hour; no announcements are made nor is the call given. Broadcasts a religious program to 5:30 and from 5:30 to 6 A.M. relays GRO which is on 6.180 mcs. At 6 A.M. this station gives its call very rapidly as Radio --- but since there is rapid fading at this time I have been unable to get the call. (Hart)	
6.000	ZFY	Georgetown, British Guiana	is one station that had me guessing. I listened from 5:15 to 6:15 P.M. for the call. ZFY broadcast a religious service which I believe was transcribed. There was an interruption every 15 minutes but no call was mentioned until 6:15 P.M. when the announcer said: "This is Zed-F-Y, the Voice of Guiana in the 49 meter band." Signals were good but there was plenty of QRM. (Hart)
6.000	----	An Absie station on this frequency broadcasts during the afternoon. Programs are in the main, French. Announces on the hour and plays "Yankee Doodle." There is plenty of QRM from CJCX, Sydney, Nova Scotia. (Hart)	
5.985	----	Radio Andorra, La Vieja, Andorra,	is registering with excellent volume as early as 5:30 P.M. After each selection a man announces in French and a woman in Spanish. (Hart)
5.970	VONH	St. John's, Newfoundland,	heard November 4 at 9 P.M. relaying BBC news given in English. (Harris)
5.936	PJCI	Curacao,	logged from 10 to 10:30 A.M. Is listed as being on the air from 9-9:15 A.M.; 12:30-1:30 P.M. and from 7:45-10:20 P.M. (Sutton)
5.870	----	A station heard November 11 at 7 P.M. with news. Called New York at 7:05 P.M. (Nearest commercial to use this frequency is PZX3, Paramaribo, Suriname. (Harris)	

Brother Sutton also reports reception of station GWS, London, from 5:30 to 9:45 P.M. on 6.035 mcs. This is a new station and new frequency.

Gil Harris lists Hungarian Nations Radio (Location unknown) as broadcasting on 11.635 mcs. from 1:15-1:29 P.M. November 11.

HIGH FREQUENCIES (SUPPLEMENTAL)

(By James J. Hart)

<u>Mcs.</u>	<u>Station</u>	<u>Location</u>	<u>Operating Hours (EWT)</u> , <u>Etc.</u>
18.135	----	Java Djarkarta	JBC. Good signal from 11 A.M.-12:05 P.M. (Sutton)
12.235	TFJ	Reykjavik, Iceland	heard November 12 from 10-10:30 P.M. with news and music. A good catch that hasn't been heard or reported in quite a while. (Sutton)
12.115	ZNR	Aden, Arabia	good from noon to 1:15 P.M. (Sutton)
11.795	DJO	Berlin	presents the news in English at 9:35 A.M. and still going at 10:15 A.M. This call is seldom used. (Sutton)
11.616	COK	Havana, Cuba	hasn't been heard recently. Does anyone know if this station has closed down? It was controlled by Col. Battista who was president of Cuba but his party was defeated at the last Cuban election. (Sutton)
11.405	----	Radio Dakar, Senegal	heard signing off at 4:58 P.M. November 12. There were no closing announcements. (Harris)
11.402	HBQ	Geneva, Switzerland	with program beamed to Australia on November 12 from 2 to 5:30 P.M. (Sutton)
11.055	----	Voice of the Free Arabs	location unknown, heard November 11 from 1:15-1:31 P.M. Also next day when it signed at 2:15 P.M. (Harris)
9.935	SVM	Athens, Greece	logged November 12 at 2:20 P.M. News in English from 2:30-2:43 P.M. and music until signoff at 2:59 P.M. when they said they would return at 18.00 GMT. Believe they meant next day at 2 P.M. EWT, which is 18.00 GMT. (Harris)
9.930	----	Radio Atlantik (location unknown)	is a favorite of the newspapers as it tells where and when the Nazis are getting hit. Is also on 9.800 and 7.420 mcs. Signs on at 1:30 P.M. (Harris)
9.835	----	Hungarian Nations Radio (location unknown)	heard on this frequency November 12 from 3:15-3:29 P.M. (Harris)
9.670	----	United Nations Radio, Voice of Palestine	heard from 1-2 P.M. but faded soon after news in English at 1:45 P.M. (Sutton)
9.595	----	Radio Eire, Athlone, Irish Free State	signed on at 5 P.M. saying "Eire speaking". News in English at 5:10 P.M. by a man. (Harris)
8.550	----	The new (?) Italian station (location unknown)	heard November 11 at 8:55 A.M. VFB, signed off at 8:03 P.M. This station shifts frequency often and has been heard as high as 8.600 mcs. It sometimes uses the call Radio Tevere. (Harris)
8.188	CNR2	Rabat, Morocco	slogan Radio Maroc, is now on this frequency instead of 8.035 mcs. Better signal now. Is on during the afternoon until 6:45 P.M. (Sutton)
8.130	----	An unidentified station on this frequency	calling NBC and Press Wireless in New York. (YVC, 8.127, Caracas, Venezuela and YIG, 8.135 mcs., Baghdad, Iraq, are the nearest commercials to this frequency). (Harris)
7.935	----	A station with a man talking in a strange language	at 4:33 P.M. Broadcast music from 4:34-4:41 P.M. Severe code interference. FSL, Rio de Janeiro, is assigned to this frequency. (Harris)
7.800	WVLC	Leyte, Philippines	transmits from 8:20-10 A.M. daily with press news. This is the General MacArthur Headquarters station. At 6:05 P.M. it contacts KKR, San Francisco, on 15.460 mcs. (Sutton)
7.370	KEQ	Kahuku, Hawaii	point-to-point transmission to San Francisco from 1-1:30 A.M. (Sutton)
7.290	VUD	Delhi, All-India Radio	is on from 9-9:30 P.M. with native music. Then stand by to 9:35 and music again at 9:45 P.M. News in English to 10 P.M. then sign-off. (Sutton)

Radio Andorra has verified with a very nice card and they ask for reports which should be addressed to Andorra La Veiga, Andorra. They will verify. (Hart)