

HIGH FREQUENCIES (EST) - By Earl R. Roberts

| Mcs.   | Call  | Location                                                                                                                                                                                                                                                                                                                                                                                                                     |
|--------|-------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 26.3   | W2XJI | 1440 Broadway, New York City, every Tuesday at 8 P.M. and every Friday at midnight with special Newark News Radio Club broadcast.                                                                                                                                                                                                                                                                                            |
| 18.960 | WQD   | Rocky Point, N.Y., working LSY, 18.115 mcs. the latter transmitting the Pan-American Conference from Lima, Peru at 4.45 P.M. (Leboeuf, Mass.)                                                                                                                                                                                                                                                                                |
| 18.125 | LSM3  | Buenos Aires, also relaying the Conference; call uncertain. (Leboeuf)                                                                                                                                                                                                                                                                                                                                                        |
| 17.280 | FZES  | Djibouti, French Somaliland, verifies by French letter from the chief of the station, a report of 11/6/38. Power on phone is 3500 watts. QRA: Ministere des Postes, Telegraphes, et Telephones, Station Inter-colonia de T.S.F. Djibouti. Next test will be January 5, 8-8.30 A.M. The chief states the call is abbreviated to FZE on CW and that they were working TYC, Paris, on the date heard. (May, Pa.; Roberts, Ind.) |
| 15.300 | I2R05 | Rome, Italy, heard daily at 10 A.M. R7-8. (Stephen Warring, Calif.)                                                                                                                                                                                                                                                                                                                                                          |
| 15.290 | OAX4C | or "Z," Lima, Peru, either a new frequency or perhaps LRU relaying the Lima station, is heard irregularly around 10 P.M. (Warring)                                                                                                                                                                                                                                                                                           |
| 13.670 | KKZ   | Bolinas, Calif., at 5.45 P.M. relaying Notre Dame- So. California game December 3. (L.W. Wotring, Pennsylvania)                                                                                                                                                                                                                                                                                                              |
| 13.390 | WMA   | Lawrenceville, N.J., phoning at 6.55 P.M. December 11. (Wotring)                                                                                                                                                                                                                                                                                                                                                             |
| 13.150 | GMBJ  | S.S. Empress of Britain, worked W00, 8.56 mcs. This ship is seldom heard as it is usually on a round-the-world cruise. (Charles Leboeuf)                                                                                                                                                                                                                                                                                     |
| 11.810 | I2R04 | Rome, January schedule: 4.40 A.M.-12.05 P.M.                                                                                                                                                                                                                                                                                                                                                                                 |
| 11.800 | JZJ   | Tokyo, January schedule: for Europe- 2.30-4 P.M.; So. America- 4.30-5.30 P.M. Both transmissions may be over JZI, 9.535 mcs. if not on JZJ. For Eastern No. America- 8-8.30 P.M.; Pacific Coast- 12.30-1 A.M. Again for Eastern America- 7-7.30 A.M. and for China and the South Seas- 8-9.30 A.M. (Morton D. Meehan, New Jersey)                                                                                            |
| 11.780 | HP5G  | Panama City, signs around 9.55 P.M. (Wotring)                                                                                                                                                                                                                                                                                                                                                                                |
| 11.670 | IQY   | Rome, now transmitting only three programs: 5-5.15 A.M. in Russian; 1.10-2 P.M. in Arabic, and 3-3.30 P.M. in Russian.                                                                                                                                                                                                                                                                                                       |
| 11.040 | CSW7  | Lisbon, Portugal, good from 2-5.30 P.M. (Wotring, Roberts)                                                                                                                                                                                                                                                                                                                                                                   |
| 10.440 | DGH   | Nauon, Germany, calls Cairo in English at 3.30 A.M. R9 plus. (Roberts)                                                                                                                                                                                                                                                                                                                                                       |
| 10.220 | PSH   | Rio de Janeiro, English program at 8.25 P.M. Monday. (Wotring)                                                                                                                                                                                                                                                                                                                                                               |
| 10.055 | ZFB   | Hamilton, Bermuda, stood by with WNB at 1.18 P.M. 12/25/38. (Roberts)                                                                                                                                                                                                                                                                                                                                                        |
| 9.940  | WOU   | San Juan, Puerto Rico, phoning an American station at 7.56 A.M. (Frank Macolly, Pennsylvania)                                                                                                                                                                                                                                                                                                                                |
| 9.860  | EAQ   | Madrid, Loyalist Spain, "Voice of Republican Spain" Box 951, gives news in English at 3.40 and 4.30 A.M.; 6.30 and 8.30 P.M. (Wotring)                                                                                                                                                                                                                                                                                       |
| 9.740  | CSW5  | Lisbon, Portugal, at 8.15 P.M. sending messages in Portuguese to a relative in America. (Wotring)                                                                                                                                                                                                                                                                                                                            |
| 9.720  | ZRD   | Durban, S. Africa, only a whisper so far around 9 A.M. (Warring)                                                                                                                                                                                                                                                                                                                                                             |
| 9.666  | CR6AA | Lobito, Angola, verifies with card; transmits only irregularly on this frequency. (Warring)                                                                                                                                                                                                                                                                                                                                  |
| 9.630  | I2R03 | Rome, transmits from 12.05 P.M. to close down at 9 P.M.                                                                                                                                                                                                                                                                                                                                                                      |
| 9.535  | JZI   | Tokyo, January schedule: can be heard on the European and South American programs from 2.30-4 and 4.30-5.30 P.M. (Meehan)                                                                                                                                                                                                                                                                                                    |
| 9.520  | OZF   | Skamlebak, Denmark, is quite regular from 9-11 P.M. when the station signs in several languages. (Wotring)                                                                                                                                                                                                                                                                                                                   |
| 9.330  | CGAX  | Drummondville, Quebec, phoning London around 4.45 P.M. (Wotring)                                                                                                                                                                                                                                                                                                                                                             |
| 9.180  | CUI   | or Y, Lisbon, Portugal, called DON at 4.45 P.M. (Leboeuf) Heard at 4.40 P.M. calling DOC, 12/25/38. (Roberts)                                                                                                                                                                                                                                                                                                                |
| 8.750  | COCQ  | Havana, on this approximate frequency; increased volume, no QRM. (Warring)                                                                                                                                                                                                                                                                                                                                                   |
| 7.650  | TYM4  | Paris, France, after sending three notes over and over, pitched from high to low, called the Normandie at 7.35-8.02 P.M. 12/26. (Roberts)                                                                                                                                                                                                                                                                                    |
| 7.614  | CR6AA | Lobito, Angola, verification gives this schedule: simultaneously on 7.177 and 7.614 mcs. Monday, Wednesday and Saturday, 2.45-4.30 P.M. (Warring)                                                                                                                                                                                                                                                                            |
| 7.600  | W0Q   | Location not given, worked KJSI at 8.30 A.M. (Leboeuf, Massachusetts.)                                                                                                                                                                                                                                                                                                                                                       |

(Continued on page 6)

HIGH FREQUENCIES (EST) - Continued from page 5

| <u>Mcs.</u> | <u>Call</u> | <u>Location</u>                                                                                                                                                                                                                                                                  |
|-------------|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 7.510       | JVP         | Tokyo, transmits from 8-9.30 A.M. to the South Seas. (Morton Meehan)                                                                                                                                                                                                             |
| 6.977       | XGSA        | or XGFA, Kweichow, China, thought to be the station R4 at 9.30 A.M. (Warring). Received at 6.15 A.M. 12/24/38 but no announcements heard. (Roger Legge, New York)                                                                                                                |
| 6.350       | ICC         | January schedule the same- 3-3.30 P.M. in Russian. (Location-Rome, Italy).                                                                                                                                                                                                       |
| 6.080       | DJM         | Berlin, very good on evening programs to North America. (Wetring)                                                                                                                                                                                                                |
| 6.055       | RV15        | Khabarovsk, Siberia, no longer heard regularly on this frequency. The call on 6.812 mcs. is also missing now. (Warring)                                                                                                                                                          |
| 6.005       | HP5K        | Colon, Panama, has an English program around 6:30-7 P.M. (Roberts)                                                                                                                                                                                                               |
| 2.790       | KHAZT       | Aboard the "Santa Claus Airliner," flying over Chicago, at 9.25 P.M. 12/24/38 working with WMTS, 2.102 mcs. Chicago, the mobile relay station for WMAQ, in preparation for a Santa Claus program. Both stations R9 plus with only slight noise from the plane's motor. (Roberts) |
| 2.738       | WNQD        | Tow boat "Mobile," 40 miles out from Mobile, Ala., enroute to New Orleans, heard working WNUI, steamer "Delmada" at 9.06 P.M. in Chesapeake Bay. (Roberts)                                                                                                                       |
| 2.726       | WANB        | Dinsmore, Fla., operated by the Board of Forestry, called one of the crew cars at 9.18 P.M. (Roberts)                                                                                                                                                                            |
| 2.604       | WZAF        | On the Chesapeake and Delaware Canal in Chesapeake Bay, replied to a CQ call on this frequency by the "Mobile" (WNQD), 9.26 P.M. (Roberts)                                                                                                                                       |
| 2.178       | KJSI        | Yacht "Nassau," and WNPV, yacht "Glory," heard working WOX at 7.15 and 7.40 P.M. (Leboeuf)                                                                                                                                                                                       |

W9XAA, Chicago, is seeking permission for voluntary assignment of license to Radio Service Corp., of Utah, at Saltair. Frequencies- 6.080, 11.83, 17.78 mcs. with 10 kilowatts.

The Commerce Bulletin advises that the Malayan Government has decided to build a modern radio station at the East Coast town of Kuantan in Pahang, early next year. The station will be the largest in Pahang and will provide radio links between the State and the rest of Malaya. Four towers, 150 feet high, will be used for transmitting on long and short waves. The shortwaves will be used for inter-Malayan communications and the long waves for communicating with ships and aircraft.

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|--------|--------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 26.3   | W2XJI  | 1440 Broadway, N.Y. City, special NNRC program every Tuesday at 8 P.M., and every Friday at midnight.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 21.565 | DJJ    | NEW, Berlin, Germany: January schedule to So. America, 6-7.50 A.M.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 21.550 | W2XAD  | Schenectady, N.Y., daily, 8 A.M. to noon. (Mort Meehan, Elizabeth, N.J.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 15.330 | W2XAD  | Daily schedule- 12.15-6 P.M. (Meehan)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 15.200 | DJB    | Berlin, January schedule: daily, 4.50-10.50 P.M. to North America, and Sundays only, 11.10 A.M.-12.25 P.M.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 15.160 | VUD3   | Delhi, India, heard again after an absence- 9.45-10.20 P.M. (Leo Herz)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 15.110 | DJL    | Berlin, January schedule: 8-9 A.M. daily, for North America.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 12.300 | ---    | St. John's, Newfoundland, in contact with CJA, Drummondville, Quebec, 12.100 mcs. from 2.30-4.30 P.M. CJA told him that a Canadian National boxcar full of radio equipment was being put on the boat at Halifax, N.S. Both stations logged. (Leboeuf, Massachusetts)                                                                                                                                                                                                                                                                                                                                                                                                              |
| 11.801 | DJZ    | Vienna, Germany, January schedule: 4.50-10.50 P.M. for North America.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 11.790 | WLXAL  | Boston, will inaugurate a series of 30-minute goodwill programs to Holland, beginning Saturday, February 4. A directional antenna beamed on Europe will be used from 3.30-4 P.M. During January, test programs will be conducted at this hour on Saturdays for the purpose of receiving reports from listeners in Holland, Belgium, South Africa, etc.                                                                                                                                                                                                                                                                                                                            |
| 11.770 | DJD    | Berlin, January schedule: 4.50-10.50 P.M. for North America.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 11.700 | HP5A   | Panama City, signs on at 7 A.M. and off at 10.30 P.M. (Leo Herz, Ill.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 11.595 | VRR4   | Stoney Hill, Jamaica, while phoning WNC, 15.055 mcs. R9 at 6.05 P.M. (Roberts, Indiana) Inverted speech used after contact.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 9.675  | DJX    | Vienna, January schedule: 10.35 A.M.-4.25 P.M. for Africa.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 9.550  | W2XAD  | Schenectady, N.Y. schedule: 6.15-10 P.M. (Meehan, New Jersey)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 9.530  | W2XAF  | Schenectady: daily, 4 P.M.-midnight, except Saturday; 1 P.M.-midnight Saturday. (Meehan)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 8.825  | VOFD   | St. John's, Newfoundland, believed to be the station reported as VRB. Heard December 1, 6 P.M. at R9, QSA5, announcing as "Station VOFD, St. John's, testing" and sometimes adding "on a frequency of 8825 kilocycles". (Barney Ahman, Maryland)                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 8.630  | W10XJF | Aboard the motor sailer "Mako" in contact with W9XEI, Lake Bluff, Ill., was five miles off Montserrat, B.W.I. If the "Mako" had been in harbor, it would have been counted as a new country. (Charles Leboeuf)                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 8.620  | W10XAF | Monticello, Kentucky, operated by L.L. Smith, was heard in contact with W9XAF. (Barney Ahman)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 7.510  | JVP    | Tokyo, can be heard at 8 A.M. as it signs on the air. (Roberts)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 6.170  | W2XE   | Wayne, N.J., schedule: 11.30 P.M.-12.30 A.M.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 6.100  | YUA    | Belgrade, Yugoslavia, logged 12/31/38 for country No. 122, thanks to M.W. Soplop. Heard 1.48-2.07 A.M. at which time it signed off with signal about 1 R over an R8 noise level. (Roberts) Heard R7 at 5 P.M. Comes on the air shortly before 12.45 A.M. with opening announcements in Serb-Croatian. One stroke of gong heard promptly at 12.45 A.M. followed by news items in native tongue to 1 A.M. at which time a musical program begins and lasts for 45 minutes with no announcements. Signs at 5.15 P.M. in the afternoon. YUA is the only station that can be heard between W8XAL, 6.06, and W8XK, 6.140 mcs. at 1 A.M. (M.W. Soplop, New York) Thanks, very much, MWS! |
| 6.079  | DJM    | Berlin, January schedule: 4.50-10.50 P.M. to North America.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 6.065  | SBO    | Motala, Sweden, very good from 4.30 P.M. to signoff at 5.05 P.M. R6. Identification is made in English after playing the national anthem. Can easily be located on the LF side of CFRX. (Soplop)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 5.032  | KANH   | Marine Airways, Juneau, Alaska, authorized to communicate with the Canadian station, CY31, at Take River, B.C., provided messages are limited to weather and emergencies. (FCC)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 4.895  | VDO    | Northwest Telephone Co., Vancouver, B.C., at 7.22 A.M. 1/1/38 with a girl calling Prince Rupert. Signal R8. (Roberts)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

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| <u>Mcs.</u> | <u>Call</u> | <u>Location</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-------------|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 4.960       | WVD         | Seattle, Wash., phoned WXA, Juneau, at 7.13 A.M. R9. (Roberts) Juneau was not heard.                                                                                                                                                                                                                                                                                                                                                                                               |
| 4.905       | VUB2        | Bombay, India, still being heard R9 at 7.30 A.M. to 8.20 A.M. when it fades out. English announcements are made irregularly at 8 A.M. as- "This is Bombay calling on 244 and 61.48 meters?" A church service is broadcast Sunday morning with this announcement: "We now take you to the Uptown Memorial Church?" Also heard very well at this time are VUD2, 4.995, Delhi; VUM2, 4.950, Madras, loudest of all, and VUC2, 4.880 mcs. Calcutta, with the weakest signal. (Roberts) |
| 2.728       | WOKA        | The S.S. "Princess Ann" while talking with WAXN, the tug, "Turaconna Girls" and WNZG, the tug "Barney Turaconna" at 7.15-7.35 P.M. (Leboeuf)                                                                                                                                                                                                                                                                                                                                       |
| 2.514       | WOP         | The Miami, Fla., ship-to-shore station, heard at 7.15 P.M. (Leboeuf)                                                                                                                                                                                                                                                                                                                                                                                                               |
| 2.265       | ---         | A Canadian Airways station on this frequency at 9.08 P.M. Saturdays, working CZ7J, 2.238 mcs. Shawinigan Falls, Quebec, and reporting weather information. Both stations heard R7-8. (Roberts)                                                                                                                                                                                                                                                                                     |
| 2.200       | GGU         | Humboldt Bay, at 9 P.M. 12/31/38, working a station on the same frequency, in Orient Bay. Both R7-8. They said it was 1½ hours until midnight which would place both stations in the Newfoundland-Labrador time zone. Can anyone identify them further? (Roberts)                                                                                                                                                                                                                  |
| 2.178       | WNJP        | Yacht "Wee Lady" at 6.05 P.M. calling WOX. (Charles Leboeuf)                                                                                                                                                                                                                                                                                                                                                                                                                       |

Morton Meehan adds that W2XAD, 15.33, and W2XAF, 9.53 mcs. broadcast the SW mail bag program every Tuesday at 5.30 P.M. and that on Friday, January 27, at 4 P.M., W2XAD, 9.55, and W2XAF, 9.53 mcs. will transmit a shortwave club program.

Radio Hanoi II send the writer a letter in French as verification of reception on 11.900 mcs. together with a paper published by the station with a printed copy in French, of the report sent in. The following schedules that were in the paper may be of interest although they are now six weeks old:

Hanoi Radio Club, Indochina, 11.900 mcs.: midnight to 2.30 A.M. and 6 to 9.30 A.M.- Asiatic music and press items are broadcast from 6-7 A.M.; songs, etc., from 7-7.30, and classical music from 7.30-9.30 A.M.: 9.510 mcs.- 11 P.M. to 2.30 A.M. and from 6-9.30 A.M. An opera is usually broadcast from 6-8 A.M. then news items followed by more opera music. Radio-Volonte Indochinoise, 15 Bd. Rollandes, Hanoi, 7.100 mcs.- midnight-2 A.M.: Radio Boy Landry, Saigon, 11.710, 6.030 and a NEW frequency, 9.803 mcs. (Experimental)- 11.45 P.M. to 1 A.M. and from 7.30-9.15 A.M. From 7.30-7.45 Chinese is used; 7.45-8.15 is Annamite, followed by French to signoff.

To Sanford Morris, Metuchen, N.J.: The station you inquired about on 15.160 mcs. is undoubtedly VUD3, Delhi, India. The ten chimes struck at 11.30 P.M. was the clock striking 10 A.M. in India. Sorry I lost your address, Sanford.

A correspondent in San Juan lists two new Dominican Republic stations as HI8Q, 6.20 mcs. Trujillo City, and HI9T, 6.12, San Cristobal.

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| Mcs.   | Call  | Location                                                                                                                                                                                                                                                                         |
|--------|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 41.000 | W2XHG | New York, schedule: daily, 9 A.M.-midnight. (George Jacobs, Ohio)                                                                                                                                                                                                                |
| 38.650 | W2XDG | New York, schedule: daily, 9 A.M.-midnight.                                                                                                                                                                                                                                      |
| 31.600 | WLXKA | Boston, schedule: Sundays, 8-1 A.M.; temporarily off the air. (Jacobs)                                                                                                                                                                                                           |
|        | W4XCA | Memphis, Tenn., daily, 8 A.M.-8 P.M.                                                                                                                                                                                                                                             |
| 21.540 | W8XK  | Pittsburgh, daily, 6.45-9 A.M.; directional to Europe.                                                                                                                                                                                                                           |
| 21.500 | W2XAD | Schenectady, N.Y., daily, 8 A.M.-noon to South America.                                                                                                                                                                                                                          |
| 19.260 | PPU   | Rio de Janeiro, Brazil, with PUS. 20.04 mcs. approx.; sent a program to WQD, 18.960 mcs. for NBC, 1/8/39, 3.15-3.45 P.M. (Roberts, Indiana)                                                                                                                                      |
| 17.815 | DJG   | Berlin, until 1 P.M. Sundays with African program. (Roberts)                                                                                                                                                                                                                     |
| 17.770 | W3XL  | New York, daily, 9 A.M.-4.58 P.M. towards Europe; 5-11 P.M. towards Latin-America. (Jacobs)                                                                                                                                                                                      |
| 15.330 | W2XAD | Schenectady, N.Y.: daily, 12.15-6 P.M. towards Europe.                                                                                                                                                                                                                           |
| 15.210 | W8XK  | Pittsburgh, Monday, Wednesday and Friday, 9 A.M.-noon towards Europe; noon-1 P.M. towards Africa; Tuesday, Thursday and Saturday, also Sunday- 9 A.M.-1 P.M. to Europe.                                                                                                          |
| 15.182 | RV96  | Moscow, verified reception and advise that an English program is broadcast daily at 3 A.M. This same program is frequently heard on 4.273 mcs. the frequency of RV15. (Mrs. Mary Page, Oklahoma)                                                                                 |
| 13.635 | SPW   | Warsaw, Poland. will transmit especially for the RSSL 7-7.30 P.M. February 11. Reports desired and will be verified. (Jacobs)                                                                                                                                                    |
| 11.870 | W8XK  | Pittsburgh, daily, 1-11 P.M. for South America, Europe and Africa.                                                                                                                                                                                                               |
| 11.730 | ----  | NEW, Oslo, Norway, transmitter tested at 6.05 A.M. An English announcement stated this was a new 5 KW transmitter. (IDA)                                                                                                                                                         |
| 11.718 | CR7BH | Laurencio Marquis, Mozambique, weekdays, 4.30-6.30 A.M.; Sundays, 10 A.M.-2 P.M. (Nick Hock, New Jersey)                                                                                                                                                                         |
| 11.400 | XGRV  | Chungking, "The Voice of China" heard 8-8.30 A.M. (IDA)                                                                                                                                                                                                                          |
| 9.748  | ZRD   | Durban, South Africa, transmits from 11 P.M.-11.45 A.M. when the frequency is changed to 4.874 mcs. 200 watts power. (Hock)                                                                                                                                                      |
| 9.690  | ZHP   | Singapore, Straits Settlements, verifies with attractive card. Schedule: Monday through Saturday, 5-10 A.M.; Wednesday, 1-2 A.M.; Saturday, 12.45-2 A.M.; Sunday, 11 P.M.-1.30 A.M. and 6-10 A.M. Singapore time is exactly 12 hours ahead of Eastern Standard. (Mrs. Mary Page) |
| 9.670  | W3XAL | New York, daily, 5-11 P.M. (Jacobs)                                                                                                                                                                                                                                              |
| 9.640  | CXA8  | Colonia, Uruguay, relaying LR3 "Radio Belgrano" was heard 1/8/39 at 5.30 A.M. with musical program; they announced they would be on the air until midnight, EST. (Roberts)                                                                                                       |
| 9.570  | WLXK  | Boston, daily, 6-1 A.M. non-directional. (Jacobs)                                                                                                                                                                                                                                |
| 9.550  | W2XAD | Schenectady, daily, 6.15-10 P.M. to South America.                                                                                                                                                                                                                               |
| 9.530  | W2XAF | Schenectady, daily, 4-6 P.M. non-directional; 6 P.M.-midnight to South America.                                                                                                                                                                                                  |
| 9.520  | ----  | Moscow, R8 Sunday, 1/8/39, as it came on the air at 4 A.M. with announcements in English by a woman. There was some interference from LKC, 9.525 mcs. heard at the same time. (Roberts)                                                                                          |
| 9.345  | HBL   | Geneva, Switzerland, with HBP, 7.797 mcs. at 5.10 P.M. in contact with WEL, 8.95, and JCG, 10.38 mcs. Rocky Point, with the best modulation ever heard from a European station. (Charles Leboeuf, Massachusetts)                                                                 |
| 7.820  | ???   | French station on this frequency at 7.41 P.M. (Frank Macolly, Penna.)                                                                                                                                                                                                            |
| 7.660  | YV1CB | NEW Venezuela station calling someone that sounded like "Celealo" January 3rd at 6.27 P.M. (Macolly)                                                                                                                                                                             |
| 7.100  | FO8AA | Papeete, Tahiti, R5-8 January 3-4, 11.40 P.M.-12.25 A.M. with music including several popular selections sung in French. No announcements given during the entire listening period. (M.W. Soplop, New York)                                                                      |
| 6.335  | OMXLA | Chiclayo, Peru, heard from 11-11.42 P.M. although their schedule as listed in several magazines calls for signoff at 11 P.M. (Daneker, Pa.)                                                                                                                                      |
| 6.140  | W8XK  | Pittsburgh, daily, 11 P.M.-1 A.M. to South America.                                                                                                                                                                                                                              |
| 6.137  | CR7AA | Laurencio Marquis, Mozambique, weekdays, 4.30-6.30 A.M.; Sundays, 5-7 A.M. (Nick Hock)                                                                                                                                                                                           |

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| <u>Mcs.</u> | <u>Call</u> | <u>Location</u>                                                                                                                                                                                                                                                                                                        |
|-------------|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 6.060       | WSXAL       | Cincinnati, Sunday, 8 A.M.-noon; Saturday, Tuesday, Wednesday and Friday, 5.45 A.M.-noon and 11 P.M.-2 A.M.; Monday, Thursday and Saturday, 5.45 A.M.-2 A.M. next day; Wednesday, 9 P.M.-2 A.M. next day.                                                                                                              |
| 6.030       | RV96        | Moscow, is R8-9 daily with a German program, news items read by a man and woman in turn; signs off at 5 P.M. but does not play the "Internationale" at this time. (Soplop)                                                                                                                                             |
| 6.005       | CFCX        | Montreal, daily, except Sunday, 7.45-1 A.M.; Sunday, 9 A.M.-11.15 P.M. (Jacobs)                                                                                                                                                                                                                                        |
| 5.010       | YV5RM       | NEW- "Radiodifusora Venezuela"; Caracas, relaying YV5RB, BCB station, now R9 plus on HF side of WWV evenings. This may be the new call and frequency of YV5RD. (Roger Legge, New York; Roberts)                                                                                                                        |
| 3.490       | CR7AB       | Laurencio Marquis, Mozambique, noon-4 P.M. weekdays; 10 A.M.-2 P.M. Sundays. (Nick Hock)                                                                                                                                                                                                                               |
| 2.738       | KJOV        | Tug "Kalean", and KJCT, tug "Battleboro"; heard at 6.08 P.M. (Leboeuf)                                                                                                                                                                                                                                                 |
| 2.698       | ----        | Coast Guard station at Ashtabula, Ohio, talked with Whitefish Point, Mich., at 7.15 P.M. (Leboeuf) Whitefish Point in contact with Charlevoix station at 8.20 P.M. During the QSO, Whitefish Point shifted to 2.670 mcs. also. (Roberts)                                                                               |
| 2.670       | V-151       | Aboard a Coast Guard plane, received while in contact with Cape May Radio at 6.30 P.M. CG boat CG-226 heard calling Cape May at 6.40 P.M. The CG-128 phoned Princess Ann Radio at 6.05 P.M. and the AB-64 contacted Winthrop Radio at 6.10 P.M. (Leboeuf) The "Invincible" heard in contact with Sandy Hook. (Macolly) |
| 2.514       | WDR         | Miami, Fla., a ship-to-shore station, heard at 8.20 P.M. (Leboeuf)                                                                                                                                                                                                                                                     |

The IDA is first to publish an official list of changes in Colombian stations copied below:

| <u>Mcs.</u> | <u>Watts</u> | <u>Call</u> | <u>City</u>  | <u>Slogan and Owner</u>                           |
|-------------|--------------|-------------|--------------|---------------------------------------------------|
| 9.630       | 650          | HJ7GAD      | Bucaramanga  | Emilio Montoya - "Radio Bucaramanga"              |
| 9.616       | 608          | HJ1ABP      | Cartagena    | Lequerica - "Radio Cartagena" (Bolívar)           |
| 8.650       | 250          | HJ4DAU      | Medellin     | Universidad de Antioquia (Antioquia)              |
| 6.150       | 700          | HJ4ADE      | Medellin     | Carlos Escobar P - "La Voz de Antioquia"          |
| 6.105       | 500          | HJ6FAB      | Manizales    | Alberto Hoyos - "Radio Manizales" (Caldas)        |
| 6.065       | 150          | HJ4DAG      | NEW - Quibdo | (Choco) - Official frequency given as 5.984 mcs.  |
| 6.050       | 600          | HJ1ABG      | Barranquilla | Andres Jimeno - "Emisora Atlantico" (Atlantico)   |
| 6.015       | 750          | HJ3CAX      | Bogota       | "La Voz de Colombia" - (Cundinamarca)             |
| 4.895       | 720          | HJ3CAH      | Bogota       | Manuel J. Gaitab - "La Voz de Victor"             |
| 4.885       | 500          | HJ4DAP      | Medellin     | Alberto Estrada - "Emisora Claridad" (Antioquia)  |
| 4.875       | 600          | HJ6FAH      | Armenia      | Hoyos y Gutierrez - "Voz de Armenia" (Caldas)     |
| 4.865       | 750          | HJ2BAJ      | Santa Marta  | Julio A. Sanchez - "Voz de Santa Marta"           |
| 4.855       | 750          | HJ3CAF      | Bogota       | Jimenez de Quesada - (Cundinamarca)               |
| 4.845       | 720          | HJ3CAD      | Bogota       | Carrera 8a. No. 15-91- (Cundinamarca)             |
| 4.835       | 525          | HJ1ABE      | Cartagena    | Jose M. Fuentes - "Laboratorio Fuentes" (Bolívar) |
| 4.825       | 720          | HJ5EAD      | Cali         | Eduardo Cordoba - "La Voz del Valle" (Valle)      |
| 4.815       | 250          | HJ2BAC      | Cucuta       | Pompilio Sanchez - "Voz de Cucuta"                |
| 4.795       | 500          | HJ6FAC      | Pereira      | Cesar Arango M - "Voz de Pareira" (Caldas)        |
| 4.785       | 600          | HJ1ABB      | Barranquilla | Clara E. de Buitrago - "La Voz de Barranquilla"   |
| 4.775       | 500          | HJ6FAI      | NEW- Lamus   | Rivera, Barrios - "Ecos del Conbeima"             |

David F. Thomas, Proctorville, Ohio, sent us the locations and ship names of several lighthouse and ship stations reported, and advises that the Berne list of stations shows CUY, Lisbon, Portugal, 9.195 mcs. as a commercial phone. VRB is located at Waglan Lighthouse, probably in Newfoundland:

|      |                                         |      |                          |      |                              |
|------|-----------------------------------------|------|--------------------------|------|------------------------------|
| WWAJ | Manitou                                 | WWEF | The Tamarack             | WIDE | The Cherry                   |
| WPS  | Nantucket Shoals                        | WWAL | Passage Island LH Mich.  | WWDR | The Manzanita                |
| WWHF | Overfalls Lightship                     | WWGR | Duluth, Minn.            | WWAP | Pittsburgh, Pa.              |
| WWOG | Chelsea Lighthouse Station Depot, Mass. | WWBR | Cape Henry Light Station | WWOD | Gloucester Breakwater, Mass. |
|      |                                         | WWXA | Buffalo                  |      |                              |

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HIGH FREQUENCIES (EST) - Continued from page 6

|      |                                       |      |                  |      |                     |
|------|---------------------------------------|------|------------------|------|---------------------|
| WWHD | Lansing Shoal Lighthouse              | WWHJ | The Lilac        | WOXR | The Del Rio         |
| WWGB | Sabine Pass Lighthouse                | WWCF | The Lotus        | KJJB | The Elizabeth River |
| WWDP | The Hollyhock                         | WWDX | The Kakisi       | KJLY | The Hampton Roads   |
| WWHG | Manhattan Range L.H.,<br>Toledo, Ohio | WOXF | The Western Maid | KMJR | The Paragon         |
|      |                                       | WOKQ | The Chief        | KZFL | The Arcadia         |

HIGH FREQUENCIES (EST) - By Earl R. Roberts

| Mcs.   | Call  | Location                                                                                                                                                                                                                         |
|--------|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 26.3   | W2XJI | 1440 Broadway, New York City, every Saturday at 4 P.M. for the NIIRC.                                                                                                                                                            |
| 18.830 | PLE   | Bandoeng, Java, heard around 7 A.M. phoning PCK and JVA, verified in three months. (Roger Legge, New York)                                                                                                                       |
| 15.865 | CEC   | Santiago, Chile, sent a special broadcast to Buenos Aires at 7.30-7.45 P.M. 1/7/39, regarding the Pan-American Conference at Lima, Peru. The program was entirely in English. (Roberts, Indiana)                                 |
| 15.290 | VUD4  | Delhi, India, R4 at 9.45 P.M. 1/13/39 with same program as VUD2, 9.590 mcs. which was R9 at that time. (Roberts)                                                                                                                 |
| 15.250 | RIM   | Tashkent, Turkestan, USSR, can be heard around 8.30 A.M. phoning Moscow. A girl and man alternate in calling. Signal very weak. (Roberts)                                                                                        |
| 15.220 | ???   | Unidentified station on this unassigned frequency 1/16/39 with a man talking at 8.43 A.M. A selection, evidently the national anthem, was played at 8.54 A.M. and it then signed off. Signal R4-6. Can anyone identify this one? |
| 15.160 | VUD3  | Delhi, India, R8, from 9.30-10.15 P.M. (Jake Field, California)                                                                                                                                                                  |
| 15.120 | HVJ   | Vatican City, 1939 schedule: Sunday, 1 P.M. and Tuesday, 10.30 A.M. in English. Daily transmissions on this frequency discontinued.                                                                                              |
| 12.200 | ???   | Unidentified Russian regularly around 12.30 A.M. with girl phoning. R9.                                                                                                                                                          |
| 11.960 | WVD   | Seattle, Wash., once at 7.46 P.M. phoning WXD at Fairbanks, Alaska.                                                                                                                                                              |
| 11.740 | ???   | Unidentified European broadcaster at 4.15 A.M. 1/8/39, transmitting simultaneously on 9.530 mcs. Thought to be the new Norwegians, LKC, 9.53, and LKQ, 11.74 mcs. (M.W. Soplop, New York)                                        |
| 9.940  | YSU   | San Salvador, R8 calling HPI, Panama, at 6 P.M. (Legge)                                                                                                                                                                          |
| 9.670  | OLR3B | Prague, Czechoslovakia, now transmitting the North American Hour Sunday, Wednesday and Friday at 8 P.M. with music and entertainment; Tuesday, Thursday and Saturday at 10.10 P.M. with talks and music. (RMA)                   |
| 9.630  | HVJ   | Vatican City, schedule: Sunday, 5 A.M. in French; Wednesday, 2.30 P.M. in French. If not on 9.66 they are on 9.55 mcs.                                                                                                           |
| 9.640  | CXA8  | Colonia, Uruguay, announces a schedule of 5 A.M.-midnight, EST.                                                                                                                                                                  |
| 9.607  | HP5J  | Panama City, now on this frequency nights. (R.B. Oxrieder, Canal Zone)                                                                                                                                                           |
| 9.528  | VUC2  | Calcutta, India, heard on this new frequency 1/12/39 (Thursday) at 5.30 A.M. R9. Much QRM from ZBW3, 9.525 mcs. Hong Kong. (Roberts)                                                                                             |
| 9.525  | LKC   | Jeloy, Norway, easy Sundays around 2.30 A.M.; clear channel. (Soplop)                                                                                                                                                            |
| 9.490  | KZIB  | Manila, P.I., has shifted from under VK3ME although at times is heard nearer 9.495. At 6.30 A.M. the time was announced as 7.30 P.M. Manila time. Heard best at this hour. Call may be KZRG. (Roberts)                           |
| 9.415  | PLV   | Bandoeng, Java, heard at 6.30 A.M. verified in three months. (Legge)                                                                                                                                                             |
| 9.390  | OAX5C | Ica, Peru. good around 9 P.M. without interference. (Oxrieder)                                                                                                                                                                   |
| 9.290  | HI2G  | Ciudad Trujillo, D.R., ex-HIG, now announces at "HI1G y HI2G" Is R7 at 8.30 P.M. (Legge)                                                                                                                                         |
| 8.830  | COCQ  | Havana, shifted to this frequency about the middle of December. (Oxrieder)                                                                                                                                                       |
| 8.775  | PNI   | Makassar, Celebes, N.E.I. verified in three months for 117th country on phone; heard at 6.30 A.M. Veri received from Bandoeng address. (Legge)                                                                                   |
| 7.660  | ----  | Radio Nacional de Espana, now on this frequency evenings. (Oxrieder)                                                                                                                                                             |
| 7.490  | EAJ43 | Santa Cruz, nightly from 8-9 P.M. Request reports be sent to Radio Club Tenerife, P.O. Box 225, Santa Cruz de Tenerife, Canary Islands. (John DeMeyer, Michigan; R.B. Oxrieder, Canal Zone)                                      |
| 7.440  | ----  | Radio Guadeloupe, B.W.I. now being heard on this frequency after repeated failures to find him on 7.050 mcs. (Oxrieder)                                                                                                          |
| 7.120  | EA9BJ | Alcazarquivir, Spanish Morocco, can be heard Saturday nights around 10-midnight working hams. Is R9 in Michigan. (John DeMeyer)                                                                                                  |
| 7.180  | EA9AI | Melilla, Spanish Morocco, can also be heard Saturdays, 9-10 P.M. (DeMeyer)                                                                                                                                                       |
| 6.730  | HI3C  | La Romana, D.R., again on this spot after a long absence. (Oxrieder)                                                                                                                                                             |
| 6.190  | HVJ   | Vatican City: daily except Sunday, 2-3 P.M.; Wednesday, Thursday and Saturday to 3.30 P.M. If not on 6.19 will be on 6.030 mcs.                                                                                                  |
| 6.140  | ???   | Unidentified station on HF side of CHNX at 3.45 P.M. to signoff at 5.30 P.M. 1/5/39. Remote control dance program from 5-5.30 P.M. Signoff was                                                                                   |

(Continued on page 6)

HIGH FREQUENCIES (EST) - Continued from page 5

| <u>Mcs.</u> | <u>Call</u> | <u>Location</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|-------------|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|             |             | given in French and one other language. (Soplop)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 6.097       | ZRK         | Klipheuvall, South Africa, can be heard daily signing off at 4 P.M. with dance music generally during closing minutes. Two anthems heard at signoff, one "God Save the King". Usually R4-5. (Soplop)                                                                                                                                                                                                                                                                                                                                                                   |
| 5.883       | TIGPH2      | San Jose, Costa Rica, good again after an absence. (Oxrieder)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 5.850       | ----        | Lisbon, Portugal, signing at 5.10 P.M. in English and requesting reports be sent to some address in Lisbon. (Soplop)                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 5.800       | HRK         | Somewhere in Honduras, irregularly broadcasting in evenings. (Oxrieder)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 4.990       | YV3RX       | "La Voz de Lara", Barquisimeto, Venezuela, good to 9.30 P.M. relaying YV3RA. (Legge, Oxrieder)                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 4.960       | VUD2        | Delhi, India, has shifted frequency recently. Comes on the air at 7.30 A.M. in parallel with VUD3, 9.59 mcs. They continue in parallel during the news period but beginning at 7.40 A.M. a different program of typical Indian music is transmitted by each. (Legge) It is noted by the writer that all other Indians have shifted approximately 30-40 kilocycles lower in frequency also.                                                                                                                                                                             |
| 4.860       | YV1R?       | Final letter of call unidentified; a Venezuelan station heard once at 6.50 A.M. R9. (Roberts)                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 4.410       | WLEE        | S.S. Washington, verified promptly with post card view of the ship and letter signed by Samuel Levin, radio-telephone officer. The 1 KW transmitter consists of 10 channels with crystal for each channel, and an automatic switching device for shifting from one frequency to another without any tuning. (Legge)                                                                                                                                                                                                                                                    |
| 2.238       | CZ7J        | Shawinigan Falls, Quebec, verified promptly by letter and are very receptive to reports. Works with CZ7I, 2.276 mcs. Taureau Rapids storage dam 48 miles Northwest on the Mattawin River and in the bush. CZ7J is located 20 miles North of Three Rivers, Quebec. These stations are in communication for calls at any time during the day between 7.30 A.M.-9.10 P.M. the last program. The 9.10 P.M. report also includes weather report and is usually completed by 9.13 P.M. QRA- Shawinigan Water and Power Co., P.O. Box 6072, Montreal, P.Q., Canada. (Roberts) |

The Department of Commerce bulletin advises of a new high-power radio station to be erected at Dakar, French West Africa, on which construction has already begun. it will be the third big French station in Africa and will be a link in the chain designed to offset Arabic broadcasts made by other powers.

HIGH FREQUENCIES (EST) - By Earl R. Roberts

| Mcs.   | Call  | Location                                                                                                                                                                                                                                                                                                                                                                                  |
|--------|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 17.795 | KHE   | Kauhuku, Hawaii, while sending a program to MBS from 9-9.30 P.M. Saturdays. (Roberts, Indiana)                                                                                                                                                                                                                                                                                            |
| 15.300 | I2R05 | Rome, in parallel with IQY, 11.67, both very strong at 12.15-1 P.M. with program of oriental music and news. (Roger Legge, New York)                                                                                                                                                                                                                                                      |
|        | OAX4C | Lima, Peru, "Radio Nacional" at 5 P.M. 1/20/39. Fine signal. (Leboeuf)                                                                                                                                                                                                                                                                                                                    |
| 15.290 | LRU   | "Radio El Mundo" Buenos Aires, from 8-10 A.M. relaying LRL.                                                                                                                                                                                                                                                                                                                               |
| 13.320 | GLRZ  | S.S. Aquitania, at 7.30 A.M. in contact with GBC, 12.78 mcs. (Charles Leboeuf, Massachusetts)                                                                                                                                                                                                                                                                                             |
| 11.801 | DJZ   | Vienna, Germany, transmits English news at 10.31 P.M. daily. Received at R7. (Martin Olthoff, Kansas)                                                                                                                                                                                                                                                                                     |
| 11.790 | W1XAL | Boston, "Press of World-Wide Affairs" at 5.15 P.M. (Olthoff)                                                                                                                                                                                                                                                                                                                              |
| 11.440 | TICVA | Call not certain; may be TIPBA, evidently an airplane, at 7.22 A.M. R4-7, calling TIK, Cartago. Said he would be in at 6.50 P.M. Quite a distance for an airplane to be heard.                                                                                                                                                                                                            |
| 10.370 | ----  | Radio Salamanca, Spain, news in English at 9.05 P.M. (Olthoff)                                                                                                                                                                                                                                                                                                                            |
| 9.990  | COBC  | Havana, has shifted to this frequency recently. (Olthoff)                                                                                                                                                                                                                                                                                                                                 |
| 9.750  | WOF   | Lawrenceville, N.J., calling Paris in clear speech at 4.40 P.M. 1/21/39. (Roberts)                                                                                                                                                                                                                                                                                                        |
| 9.720  | ZRD   | Durban, South Africa, is barely above the noise level at 11.45 P.M. with same "physical jerks" as ZRK, 9.606 mcs. (Legge)                                                                                                                                                                                                                                                                 |
| 9.667  | I2R09 | Rome, Italy, NEW transmitter of the Imperial Short Wave Center at Prato Smeraldo, believed to be one of the 100 KW stations. News in Italian at 5 and 6 P.M. Programs are identical to those of 2R03-IRF. On the air from 3-6.40 P.M. but quite heavy sideband interference from W3XAL after 5 P.M. (Martin Olthoff-Ama-Touring)                                                          |
| 9.660  | LRX   | "Radio El Mundo" Buenos Aires, transmits from 7-7.45 A.M. and again from 10.15 A.M.-11 P.M.                                                                                                                                                                                                                                                                                               |
| 9.650  | ---   | "Stazione di Addis Abeba" Ethiopia (now Italian East Africa), on the air daily, 1-3 P.M. or later. First half of program includes news and talks; latter part music. (Ama-Touring, IDA)                                                                                                                                                                                                   |
| 9.570  | KZRM  | Manila, Philippines, 1/17/39, 5-5.35 A.M. dance music with woman announcing as "Radio Manila" at 5.30 A.M. followed by chimes. (R. Daneker, Pa.)                                                                                                                                                                                                                                          |
| 9.565  | OAX4T | Lima, Peru, can be logged from 7-8 A.M. with news in Spanish and an R9 plus, signal. (Roberts)                                                                                                                                                                                                                                                                                            |
| 9.525  | SP31  | Warsaw, Poland, address- Listeners' Research Dept., Polskie Radjo, Mazowrecka 5. Heard with announcements in Polish as it comes on the air at 3 P.M. W2XAF blotted it out at 3.45 P.M. SP48, 6.140 mcs. relays same programs. (M.W. Soplop, New York) SP31 and SP48 transmit daily with non-directional antennae, 3-5.30 P.M. Reports are welcome and will be verified separately. (BSWR) |
| 9.520  | ----  | Radio Center, Moscow, comes on the air at 4 A.M. and 4 P.M. with program in English. Say they are on every Saturday at 4 P.M. EST. (Roberts)                                                                                                                                                                                                                                              |
| 9.490  | KZRG  | Manila, good at 8 A.M. 1/15/39 with local basketball game. (Soplop)                                                                                                                                                                                                                                                                                                                       |
| 8.720  | CFU   | Peace River, Alberta, at 7.05 P.M. calling CZBX. (Olthoff) The Canadian list shows CFU at Annable, B.C., owned by the Consolidated Mining and Smelting Co. of Canada, Lt., on 5.705, 8.720 and 13.200 mcs. (Roberts)                                                                                                                                                                      |
| 8.534  | KMI   | Dixon, Calif., signed at 9.59 P.M. ending a contact with JFZC, the Japanese ship "Chichibu Maru" (Olthoff)                                                                                                                                                                                                                                                                                |
| 7.487  | ZAA   | Tirana, Albania, with studios in the Tirana city hall, on the air from about 2-3 P.M. closing with national anthem. Announces as "Radio Experimental Tirana" (British Shortwave Review)                                                                                                                                                                                                   |
| 7.445  | FG8AA | Pointe a Pitre, Guadeloupe, announces as "Radio Guadeloupe" R9-QSA3 from 6.36-7.36 P.M. Program all in French except at signoff when English is also used to give the address as P.O. Box 125. (Olthoff)                                                                                                                                                                                  |

(Continued on page 6)

HIGH FREQUENCIES (EST) - Continued from page 5

| <u>Mcs.</u> | <u>Call</u> | <u>Location</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-------------|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 7.100       | F08AA       | Papeete, Tahiti, Q4-R5, 11.30 P.M.-12.30 A.M. 1/3/39, with very little QRM for best reception yet noted. (Al Bartholomew, New York)                                                                                                                                                                                                                                                                                                                                         |
| 6.384       | ZIZ         | St. Kitts, B.W.I., R5-7 on Wednesday 7-7.30 P.M. program sponsored by Booker's Drug Store of Demarara. (Legge)                                                                                                                                                                                                                                                                                                                                                              |
| 6.350       | ICC         | Rome, R8 from 3-3.30 P.M. daily, with news broadcast for Russia. Is listed on this frequency but heard actually nearer 6.365 mcs. (Soplop)                                                                                                                                                                                                                                                                                                                                  |
| 6.190       | HVJ         | Vatican City, R7 until signoff at 3.20 P.M. 1/16/39. (Soplop)                                                                                                                                                                                                                                                                                                                                                                                                               |
| 6.140       | SP48        | Warsaw, Poland, with SP31, 9.525, heard as late as 5.40 P.M. (Soplop)                                                                                                                                                                                                                                                                                                                                                                                                       |
| 6.097       | ZRJ         | Johannesburg, S. Africa, believed to be the station from 3.30 to signoff at 4 P.M. Signs with chimes and clock striking 11, then the national anthem and "God Save the King" (Charles Leboeuf)                                                                                                                                                                                                                                                                              |
| 6.054       | HJ6ABA      | Pereira, Colombia, R8 at 9 P.M. with no change in call or frequency noted as yet. (Legge)                                                                                                                                                                                                                                                                                                                                                                                   |
| 6.045       | XETW        | Tampico, Mexico, R7 at 9 P.M. just above W4XB, relays XEFW. (Legge)                                                                                                                                                                                                                                                                                                                                                                                                         |
| 6.030       | RV59        | Moscow, USSR, R8 at 5 P.M. 1/21/39, in parallel with 9.52 mcs. transmitter that had an English program. (Legge, Roberts)                                                                                                                                                                                                                                                                                                                                                    |
| 6.020       | HJ3CAX      | Bogota, Colombia, signs in English at 11.04 P.M. QRA- Box 772. Relays HJ3CAZ. (Olthoff)                                                                                                                                                                                                                                                                                                                                                                                     |
| 6.010       | OLR2A       | Prague, Czechoslovakia, 3.15 P.M. 1/13/39; good signal. (Leboeuf)                                                                                                                                                                                                                                                                                                                                                                                                           |
| 6.002       | CXA2        | Montevideo, Uruguay, R7 evenings with no QRM at present. (Legge)                                                                                                                                                                                                                                                                                                                                                                                                            |
| 4.845       | HJ3CAB      | Bogota, Colombia, signs with English announcements at 11.30 P.M. (Olthoff)                                                                                                                                                                                                                                                                                                                                                                                                  |
| 4.512       | ZFS         | Nassau, Bahamas, at 6.15 P.M. in contact with WND, 4.097 mcs. Hialeah, Florida. (Leboeuf)                                                                                                                                                                                                                                                                                                                                                                                   |
| 2.738       | ---         | The following ships have been heard in QSO the past week: KLGP, freighter "Lillian Ann" out of Wilmington, N.C. at 7.30 P.M.; WNUI, S.S. "Delmada" contacting WGB at 7.15 P.M.; WNAG, yacht "Alibi" at Fort Lauderdale at 7.30 P.M.; WTBT, yacht "Romance" at 9.07 P.M. (Leboeuf) WNAG heard working WNIU, the latter at Norfolk, Va., at 9.07 P.M. WOAE, the "Haden No. 6" from Galveston, Texas, calling WOAF at 9.10 P.M. and KJRU working WNUI. (Art Foerster, Roberts) |
| 2.726       | WALC        | Brunswick, Ga., and WANE, forestry station in Florida, heard testing evenings. (Leboeuf) WANA, Homerville, Ga., testing at 8.15 P.M. WANC, Jamestown, N.Y. on every Monday night at 9 working amateurs and other special emergency stations on 2.726 mcs. (Roberts)                                                                                                                                                                                                         |
| 2.670       | NRFQ        | Coast Guard cutter "Poquot," stationed at Boston, Mass., in contact with Point Allerton, Mass., at 7.15 P.M. Coast Guard stations at Lake Worth and Fort Lauderdale, Fla., in contact with "Base 6," location not given, all at 6.05 P.M. (Leboeuf) CG cutter "CG-218," heard calling Princess Ann, Va., at 12.02 A.M. (Roberts)                                                                                                                                            |
| 2.630       | KYZT        | Douglas, Ariz., Immigration and Border Patrol station, testing at 9.25 P.M. (Leboeuf)                                                                                                                                                                                                                                                                                                                                                                                       |
| 2.182       | KYZD        | Del Rio, Texas, Border Patrol station, tests at 10 minutes past the hour. (Roberts)                                                                                                                                                                                                                                                                                                                                                                                         |
| 2.178       | WOPV        | Tug "Dauntless," while contacting WOX at 6 P.M. (Leboeuf)                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 2.110       | WNBP        | Yacht "North Star," in contact with WOU at 9.30 P.M. WPSW, yacht "Patina," Miami, Fla., contacted WOU at 9 P.M. (Leboeuf)                                                                                                                                                                                                                                                                                                                                                   |

Anyone interested in logging the various tugs, yachts and freighters on 2.738 mcs. can hear them every night at this season of the year from 6 P.M. until after midnight with fairly good signals, but much QRM from one another. Most of the ships are in southern waters since the Great Lakes are frozen

Schedules

South African Broadcasting Corp., P.O. Box 4559, Johannesburg, South Africa:

ZRH, near Pretoria, 5 KW, weekdays and Saturdays- 11.45 P.M.-12.50 A.M. 6007 mcs.; 5 A.M.-7.30 A.M. 9.523 mcs.; 10 A.M.-3.30 P.M. 6.007 mcs. Sundays- 5.30-7 A.M. on 9.523 mcs.; 9 A.M.-noon and 12.15-3.15 P.M. on 6.007 mcs.

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HIGH FREQUENCIES (EST) - Continued from page 6

ZRK, near Capetown, 5 KW, weekdays and Saturdays- 11.45 P.M.-12.50 A.M.; 3.20-7.20 A.M. and from 9-11.45 A.M. on 9.606 mcs.; noon-4 P.M. on 6.0975; Sundays- 3.30-4.30 or 4-5 A.M.; 5.30-7 A.M. and from 9-11.45 A.M. on 9.606 mcs; also, noon-3.20 P.M. on 6.0975 mcs.

ZRJ, near Johannesburg, 200 watts, weekdays- 11.45 P.M.-12.50 A.M.; 3.15-7.30 A.M. and from 9-11.30 A.M. on 6.0975 mcs.; 3.30-4 P.M. on 6.007. Saturdays, same as above except a period from 8.30-11.30 A.M. on 6.0975. Sundays- 4-5 A.M.; 5.30-7 A.M. and from 9-11.30 A.M. on 6.0975 mcs.

ZRD, Durban, 300 watts, weekdays- 11.45 P.M.-12.50 A.M.; 3.30-7.30 A.M. and from 9-11.45 A.M. on 9.7529; noon-3.45 P.M. on 4.8764; Saturdays- same as above except a period of from noon-4 P.M. on 4.8764; Sundays- 5.30-7 A.M. and from 9-11.30 A.M. on 9.7529; noon-3.20 P.M. on 4.8764 mcs. ZRD transmits an additional program on 9.7529 mcs. from 4-5 A.M. the third Sunday of every month. All reports should include an IRC and be directed to the above-mentioned address.

German Short Wave Stations(February, 1939).

For North America: DJL, 15.11 mcs. 8-9 A.M.; DJB, 15.120; DJB, 11.77; DJZ, 11.801, and DJM, 6.079 mcs. from 4.50-10.50 P.M. DJB also transmits Sundays from 11.10 A.M.-12.25 P.M. For Asia: DJA, 9.56; DJR, 15.34; DJQ, 15.28, and DJN, 9.54 mcs. from 12.05-11 A.M.; DJE, 17.76, 12.05-5.50 A.M.; DJS, 21.45, from 12.05-5.30 A.M. For Africa: DJL, 15.11, 12.05-2 A.M.; DJL and DJX, 9.675, 10.35 A.M.-4.25 P.M.; DJD, 11.77 and DJC, 6.02, from 1-4.25 P.M. For South America: DJJ, 21.565 and DJE, 17.76 mcs. 6-7.50 A.M.; DJN, 9.54 and DJQ, 15.28, from 4.50-10.50 P.M. and DJQ, Sundays only, from 11.10 A.M.-12.25 P.M. For Central America: DJB from 8-9 A.M. and DJA, 4.50-10.50 P.M.

Note: No change in the February Italian schedules is noted.

HIGH FREQUENCIES (EST) - By Earl R. Roberts

| <u>Mcs.</u> | <u>Call</u> | <u>Location</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-------------|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 26.3        | W2XJI       | New York City, every Saturday at 5 P.M. for the NNRC.                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 17.820      | I2R06       | Rome, verifies with regular station card but crossed out the "6" and gave the call as "2R08" (Mrs. Mary Page, Oklahoma)                                                                                                                                                                                                                                                                                                                                                  |
| 15.360      | DZG         | Zeesen, Germany, comes on with a tone beat at 11 A.M. Sundays. (Roberts)                                                                                                                                                                                                                                                                                                                                                                                                 |
| 11.730      | LKQ         | Copenhagen, Denmark, believed to be the station on this frequency Sundays, 2.40-2.55 A.M. with setting-up exercises. (Roberts, Indiana)                                                                                                                                                                                                                                                                                                                                  |
| 11.340      | DAF         | Nordeich, Germany, at 4.02 A.M. 1/29/39, with woman calling the "Deutschland" (Roberts)                                                                                                                                                                                                                                                                                                                                                                                  |
| 10.530      | JIB         | Correct address as given by Mrs. Page and John May: Jiro Hayashi, Manager, The Taihoku Broadcasting Station, Taihoku, Taiwan (Formosa), Japan. JIB heard 1/29/39 with news in various languages as late as 10.17 A.M., signing with the BCB call given twice as "JFAK, JFAK" (Mrs. Page, John May, Pennsylvania, and Roberts)                                                                                                                                            |
| 9.730       | CB970       | Valpariso, Chile, "La Voz de Chile," R9, 10-11.15 P.M., mentions the call and frequency very often in Spanish. (Sergio Gonzalez, Havana, Cuba)                                                                                                                                                                                                                                                                                                                           |
| 9.640       | CXA8        | Colonia, Uruguay, relaying "Radio Belgrano LR3" was badly QRM'd by 2R0 until 9 P.M., after which reception was R8, QSA4. (Gonzalez)                                                                                                                                                                                                                                                                                                                                      |
| 9.590       | HP5J        | Panama City, news period from 9.15-10 P.M. now. (Gonzalez)                                                                                                                                                                                                                                                                                                                                                                                                               |
| 9.560       | OAX4T       | Lima, Peru, is R8 coming on at 7 A.M. but signal becomes weaker after 7.30 A.M. (Roger Legge, New York)                                                                                                                                                                                                                                                                                                                                                                  |
| 7.010       | XPSA        | Kweiyang, China, finally logged 1/28/39 at 7.25 A.M. after many failures to tune it in. Signal weak and badly QRM'd by CW. (Roberts)                                                                                                                                                                                                                                                                                                                                     |
| 6.130       | TGX1        | Guatemala, NEW, heard on the LF side of COCD (the latter has moved up to 6.135 under W8XK). Signs at 1 A.M. with organ solo "Glow Worm". Signal very good. A long wave call is also mentioned but was not identified due to the very rapid-fire Spanish. (Roberts)                                                                                                                                                                                                       |
| 6.117       | XEUZ        | Mexico City, and XEFO, 940 kcs. broadcast an "International Hour" in English every Saturday at 11.45 P.M. (Roberts)                                                                                                                                                                                                                                                                                                                                                      |
| 6.080       | HP5F        | Colon, Panama, good from 7-9 P.M. with moderate hum at first but which later disappears. (Roger Legge)                                                                                                                                                                                                                                                                                                                                                                   |
| 6.030       | CTVP        | Calgary, Alberta, Canada (ex-VB9CA), at 11.30 P.M. but is better after midnight when W4XB leaves the air. Verified in one week. (Legge)                                                                                                                                                                                                                                                                                                                                  |
| 4.500       | CY6B        | Sydney, Nova Scotia, in contact with CZ9U, St. Felicien, Quebec, after the regular 7.15 P.M. contact with other stations in the Canadian bush. (Charles Leboeuf, Massachusetts)                                                                                                                                                                                                                                                                                          |
| 4.200       | ZL4ZB       | NEW, QRA: Station Director, 4ZB Radio Station, Dunedin, New Zealand, now is using 30 watts and is owned by the New Zealand Government. (Alec Toms, Lower Hutt, New Zealand)                                                                                                                                                                                                                                                                                              |
| 3.420       | CY5M        | Moosonee, Ontario, operated by Les Missionnaires Oblats de Marie Imaculee, in contact with other stations under the same ownership with calls CY5L, Fort George, Quebec; CY50, Fort Albany, Ontario, and CY7T, not heard or located. These stations QSO around 9 P.M. in French and are heard just under the lightship stations on 3.410 mcs. (Leboeuf)                                                                                                                  |
| 3.410       | WVOA        | South Portland, Me., in contact with WPB, Portland Lightship, at 2.45 P.M. WRD, Ambrose Channel Lightship, heard at 3 P.M. and Portsmouth Depot testing with WIEH at 8.30 P.M. Others heard- WIEB, Cape Henry, LH; WWCO, LHT Orchid; WIEB, WIEH and WWCQ, Portsmouth Depot. These stations are on the air at 8.30 A.M.; 4.30 and 8.30 P.M. (Leboeuf) WIEH, LHT Wistaria, at Baltimore, in QSO with WWCZ, another lightship off Savannah, Georgia, at 9-11 P.M. (Roberts) |
| 3.330       | NEL         | Navy station, Lakehurst, N.J., has finally been identified and calls the U.S. Navy blimps K-1, TC-14, G-1, J-1, L-1 at 5.30 and 6 P.M. Blimp, K-2, largest of all, hasn't as yet been heard. (Leboeuf)                                                                                                                                                                                                                                                                   |
| 2.738       | WOKA        | S.S. Princess Ann, is aboard the ferryboat at Norfolk, Va., and used for ferrying autos from one highway to another. Heard in contact with WBCF, aboard an oil barge off the Louisiana Coast at 9.43 P.M. Many other ships are heard all evening long- KJSB, WOUJ, WNOQ, WNKC, WPZJ, "The Sea Giant"; WNUQ, "The Mahimahi" etc. (Roberts)                                                                                                                                |

(Continued on page 6)

HIGH FREQUENCIES (EST) - Continued from page 5

- | Mcs.  | Call | Location                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-------|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2.726 | WAGI | The State Board of Forestry, Shamrock, Fla., 100 watts, testing. (Leboeuf)<br>KASN, owned by the Dept. of Public Works, Division of Highways, Redding, Calif., in contact with KAQQ at 11.25 P.M., reading weather reports and inquiring about the snow line. KASN was usually referred to as "Station 2" and KAQQ as "26". Other stations called by number were "21" and "23". These were too weak to get the call letters. (Roberts)                                                           |
| 2.698 | ---- | Several of the "surf stations" operated by the Coast Guard have been logged recently: NRFG, C.G. cutter "Escababa," calling the Charlevoix, Mich., station at 6.15 and 10.40 P.M.; Cuttyhunk, Mass., called Gay Head station at 9.20 P.M. R8; Grand Haven station, Michigan, working the "Escanaba" at 8.03 P.M. and Erie station, Penna., working Oswego station, N.Y. at 8.09 P.M., the modulation being very rough on the latter stations. (Leboeuf, Roberts) None of these use call letters. |
| 2.670 | NRLP | C.G. patrol boat "Dix," called the ocean-going tug, KFDI, at 7.25 P.M.; C.G. "218" called Princess Ann Radio at 9.30 P.M.; Point Judith, R.I., C.G. station called the "Pequot" at 9.27 P.M. while the "Pequot" was calling Block Island, R.I., at the same time. NRKH, C.G. patrol boat "Hudson," New York City harbor, phoned Rockaway Point, N.Y. at 3 P.M. (Leboeuf, Roberts)                                                                                                                |
| 2.662 | ---- | Division Headquarters at New York City, heard at 3.30 P.M. (Leboeuf)<br>IMC, San Francisco, transmits weather reports for the Pacific Coast fleets at 10.20 P.M., QRM'd by NMY for a few minutes. (Roberts)                                                                                                                                                                                                                                                                                      |
| 2.630 | KYZG | Tucson, Ariz., logged at 9.30 P.M. (Leboeuf)                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 2.514 | WDR  | Miami, Fla., ship-to-shore telephone circuit, at 8.20 P.M.; is on quite frequently during the evenings working ships on 2.118 mcs. (Roberts)                                                                                                                                                                                                                                                                                                                                                     |
| 2.204 | CZ4D | Elk Lake, Ontario, located at a lumber camp in the Canadian bush, heard several times the past week around 8.30 P.M. working CGU. The operator mentioned it would take three days' trekking to bring supplies of beef, hay, oats, etc. to the camp via Port Arthur. A schedule was made for 8.50 A.M. local time. CZ4C also heard on this spot. (Roberts)                                                                                                                                        |
| 2.182 | KYZL | Laredo, Texas, heard on test at 8 P.M. (Leboeuf)                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

Another station located in the Canadian bush, giving call as CZ9B and location as Kirkland Lake, Ontario, heard 9.10 P.M. 1/26/39, calling CZ6X, then working amateur station, VE2CH. The persistent listener will find the medium wave bands from 2.000 to 5.000 mcs. and particularly the band between 2.100-3.450 mcs. an extremely interesting source for DXing nights when the regular SW bands are slack. Signals, for the most part, register above R8 on the SXL7 used by the writer. Reports from other listeners to these bands will be very welcome. How many of you tune these stations? Every station the writer has written on this band so far, except WALC, has expressed genuine appreciation of the report and all say they are glad to hear from SW listeners. The addresses of nearly all these stations can be furnished on request.

WAS, 2.550 mcs. 400 watts, is a new coastal harbor station at Duluth, Minn. The FCC has granted the NBC permit to operate a relay broadcast station aboard the newly-developed Boeing seaplane during experimental trial flight from Seattle to Auckland, N.Z., and return. Program material will be received by RCA Communications at Point Reyes, Calif., for delivery to the networks. Stations KUN, 18.060, KKZ, 13.690; and KKI, 9.490 mcs. at Bolinas, Calif., will communicate with KSFM. Frequencies assigned to KSFM are 4.7975, 6.425, 8.655, 12.8625 and 17.310 mcs. The CBS will operate relay broadcast station WCBN, aboard the "Yankee Clipper" during the flight from Seattle to Alameda, Calif., thence to New York, London, England, and return. Frequencies assigned WCBN are 2.400, 4.800, 6.430, 8.655, 12.8625, 17.310 and 23.100 mcs. Stations assigned to communicate with WCBN are WLL, 17.900; WQV, 14.800; WCG, 10.380, and WDN, 4.555 mcs. at Rocky Point, N.Y.

A letter from Berlin, in reply to reports on DJA, DJN and DJX, brings information that DJX is not in Vienna, but in Berlin, and was formerly DZA.

(Continued on page 7)

HIGH FREQUENCIES (EST) - By Earl R. Roberts

| Mcs.   | Call   | Location                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|--------|--------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 31.600 | W9XUY  | Omaha, Nebr., also licensed to use 35.6, 38.6 and 41.0 mcs. with 100 watts and Collins transmitter, relays KOIL. (Al Bettinger, Nebraska)                                                                                                                                                                                                                                                                                                                                             |
| 26.550 | W2XQO  | Knickerbroadcasting Co., Flushing, N.Y., 100 watts, R6-9 from 1-3 P.M. Gives news at 2 P.M. and requests reports from listeners. Postage enclosed with report was returned with verification. (Martin Olthoff, Kansas; T.D. Smith, Texas, and Al Bettinger)                                                                                                                                                                                                                           |
| 26.300 | W2XJI  | Newark, N.J. R4-8 from 2.26-2.45 P.M. relaying WOR. (Bettinger) Every Saturday at 5 P.M. for the NNRC.                                                                                                                                                                                                                                                                                                                                                                                |
| 26.070 | W9XH   | South Bend, Ind., relays WSBT; R7-9 at 4 P.M. (Smith, Texas)                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 25.700 | W2XUP  | Bamberger Broadcasting Service, Inc., Newark, operates a facsimile broadcast station on this frequency. (FCC)                                                                                                                                                                                                                                                                                                                                                                         |
| 18.250 | RV96   | Moscow, USSR, is reported on this new frequency with daily programs in English beginning at 3 A.M. (F.H. Smith, Indiana)                                                                                                                                                                                                                                                                                                                                                              |
| 15.080 | RKI    | Moscow, R9 to 9.15 P.M. (Bettinger)                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 14.600 | JVH    | Tokyo, Japan, R9 from 10.15-11 P.M. once. (Smith, Texas)                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 11.900 | XTQY   | Located in China, heard testing at 1.30 P.M. but later moved to the 31 meter band. (Ron Burt, South Africa)                                                                                                                                                                                                                                                                                                                                                                           |
| 11.790 | CJRX   | Winnipeg, Manitoba, NEW frequency, heard 1/7/39, 8-11 P.M. (Smith, Texas)                                                                                                                                                                                                                                                                                                                                                                                                             |
| 11.740 | HVJ    | Vatican City, testing with two different antennae towards the Philippines from 8.45-9 A.M. HVJ tested for the Philippines from 8.30-8.45 A.M. on 15.120 mcs. (Smith, Texas)                                                                                                                                                                                                                                                                                                           |
| 11.725 | ZP14   | "Radio Cultura", at Villarica, very good until signoff at 7.50 P.M. Gave several telephone numbers in Paraguay 2/6/39, signing at 7.54 P.M. with a march. (M.W. Soplop, New York; Roberts, Indiana)                                                                                                                                                                                                                                                                                   |
| 10.220 | PSH    | Rio de Janeiro, Brazil, very good with hardly any fading from 6-7 P.M. (Bettinger, Smith, Texas)                                                                                                                                                                                                                                                                                                                                                                                      |
| 9.865  | EAR    | Madrid, Spain (EAQ), news bulletin in English at 8.45 P.M., R9. (Bettinger, Olthoff)                                                                                                                                                                                                                                                                                                                                                                                                  |
| 9.730  | CB970  | Valpariso, Chile, from 10-11 P.M. with news about the Chilean earthquake. Called Concepcion who answered on code. (Sergio Gonzalez, Cuba)                                                                                                                                                                                                                                                                                                                                             |
| 9.550  | HVJ    | Vatican City, very good Sundays at 5 A.M. coming on the air with four gongs and a clock striking eleven times, announcing as "Radio Vaticano" (Roberts)                                                                                                                                                                                                                                                                                                                               |
|        | TPB11  | Essarts, France, was heard until 11.20 P.M. News in French was read by a woman from 10.15-10.50 P.M. followed by music and news in English by a man. After the Germans signed at 10.50 P.M. there was no QRM on this frequency. (Sergio Gonzalez)                                                                                                                                                                                                                                     |
| 9.525  | LKC    | Oslo, Norway, R9 from 8.24-9.46 A.M. (Al Bettinger)                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 9.330  | OAX4J  | Lima, Peru, good around 7-8 P.M. (Gonzalez, Cuba)                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 8.100  | KF6DHW | Canton Island, contacts KNBF, Honolulu, at 2.40 A.M. Calls K6PPR, Schofield Barracks, Honolulu (on 20 meters) at 3.30-4.30 A.M., and works KG6HCO, Jarvis Island, and KF6ODC, Enderbury Island, all in the South Pacific, irregularly around 3-4 A.M. These stations provide weather reports for Pan-American Airways. (IDA) It is the writer's opinion that reports addressed merely to Pan-American Airways Station with the call letters and island will reach them in due course. |
| 7.600  | ????   | An unidentified station was heard January 25, 26 and 27 from about 6.45-7.30 A.M. R6-7. Judging from the talk, it must be aboard a treasure ship. An Englishman and Spaniard took turns talking. On the 26th they called "Marko" a dozen times; said they had no time to mail a letter, but an airmail letter mailed November 28 would reach the party on December 10. Can anyone identify? (Jesse F. Smith, Pennsylvania)                                                            |
| 7.110  | AA7BB  | A Nationalist station, comes on the air daily at 3 A.M. playing the "Marche Militaire" (Soplop)                                                                                                                                                                                                                                                                                                                                                                                       |
| 6.020  | HJ3CAX | "La Voz de Colombia", Bogota, signs at 11.04 P.M. in English and gives address as P.O. Box 772. (Olthoff, Kansas)                                                                                                                                                                                                                                                                                                                                                                     |

(Continued on page 6)

HIGH FREQUENCIES (EST) - Continued from page 5

| Mcs.  | Call | Location                                                                                                                                                                                                                                                                         |
|-------|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2.738 | WTHA | Tug "M. Moran" at 7.20 P.M. Others heard- KJCK, tug "Baldock"; KDFI, tug "Goliath"; WTAH, yacht "Nataska" (Charles Leboeuf) KJLP at Norfolk, Va., in QSO with KJRU, the "Montrose" (Roberts)                                                                                     |
| 2.726 | KSPD | Los Angeles, R9 at 11 P.M. giving weather reports for Southern California. (Olthoff)                                                                                                                                                                                             |
| 2.670 | NRUA | C.G. boat with special program to NBC at pickup of survivors from the seaplane "Cavalier" (David Thomas, Ohio) The ship "Velasco" received while testing with NOY of Galveston, Texas at 9.34 P.M. (Olthoff) Patrol boat "Faunce" of the Boston Division, at 6.03 P.M. (Leboeuf) |
| 2.662 | NMC  | San Francisco, at 10.30 P.M. with weather reports along the Pacific Coast. NOM, Miami, Fla., at 10.50 P.M. with weather reports for the South Atlantic Coast. (Olthoff)                                                                                                          |
| 2.608 | VGf  | or CGF, ship-shore station, was heard working MLOD, 2.727, and GMTC, 1.887 mcs. (David Thomas)                                                                                                                                                                                   |
| 2.572 | WTGX | Milwaukee Breakwaters, Wis., with 500 watts, gives weather forecasts for that vicinity at 11.20 P.M. (Olthoff)                                                                                                                                                                   |
| 2.560 | WSHP | Also WSHM and WSHF, locations unknown, daily, except Sunday, at about 5.30 P.M. (Leboeuf)                                                                                                                                                                                        |
| 2.110 | KMCH | Yacht "Mariposa" in contact with WOU at 6.10 P.M. (Leboeuf)                                                                                                                                                                                                                      |

QRC lists the following schedules of Norwegian stations at Oslo: LKQ, 11.735 mcs. daily, 4-9 A.M.; LKV, 15.170, daily, 10.30 A.M.-1 P.M.; LKC, 9.530, daily, 1-6, 8-9 and 11 P.M.-midnight; LKJ, 6.130, at Jeloy, daily, noon-6 P.M. A new transmitter is also reported on 9.610 mcs, with no call as yet assigned; it is used as a comparison to the others. QRC also lists the Italian transmitters with new calls: 6.035 mcs., I2R01; 6.930, I2R02; 9.635, I2R03; 11.810, I2R04; 15.170, I2R05; 15.300, I2R06; 17.770, I2R07; 17.820, I2R08; 9.667, I2R09; 15.100, I2R010; 7.220, I2R011.

The FCC has granted W2XAF, Schenectady, N.Y., the additional frequencies of 6.190 and 21.590 mcs. on a temporary basis only; W6XBE, Treasure Island, San Francisco, authority to use 6.190 mcs., and the Crosley Corp., Cincinnati, a new facsimile broadcast station on 26.000 mcs. with 1 KW.

The Dept. of Commerce Bulletin lists a series of new prefixes recently assigned to Japan. This is due to a sharp increase in the number of private radio sets on fishing craft which has boosted the total number of public and privately licensed stations to 3400. The new prefixes will be JK, EM, EN, EO, ER, EU, EV, EW, EX, EY, HG and HN. This is quite a departure from the usual "J" prefix we are now used to.

HIGH FREQUENCIES (EST) - By Earl R. Roberts

| <u>Mcs.</u> | <u>Call</u> | <u>Location</u>                                                                                                                                                                                                                                                |
|-------------|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 30.600      | WQKB        | Evansville, Ind., testing with KQBR, Alameda, Calif., police on same frequency, and both stations logged. This was the shortest skip ever heard on this band by the writer. These stations test daily at 2 P.M. (Roberts, Indiana)                             |
| 17.810      | GSV         | Daventry, England, R9 at 2 P.M. Transmits from 12:20-4 P.M., beamed on South America. (Roberts)                                                                                                                                                                |
| 15.355      | KWU         | Dixon, Calif., signed with JVD, 15.86, at 10:47 P.M. (Denny, Indiana)                                                                                                                                                                                          |
| 15.290      | VUD4        | Delhi, India, is used on Fridays in parallel with VUD2, 9.59 mcs., at 8:30 P.M. (Fred Alfred, Ontario)                                                                                                                                                         |
| 15.268      | HI3X        | Ciudad Trujillo, R.D., verified with red call on white card after 5 months. Power, 300 watts. Schedule: Tuesday and Friday, 8:10-10:10 P.M.; Sunday, 7:40-9:40 A.M. (Roberts)                                                                                  |
| 15.190      | XGOX        | China, comes on the air at 9 P.M., signal fair to good. (Fred Alfred)                                                                                                                                                                                          |
| 14.460      | DZH         | Zeesen, Germany, sent a program in Spanish to Radio Splendid, Buenos Aires, with music from 4:45-5 P.M.; news in Spanish from 5-5:15 P.M. R9. (Sergio Gonzales, Havana)                                                                                        |
| 11.270      | ZP14        | Radio Villarica, Villarica, Paraguay, is well heard when signing off at 7:50 P.M. Announcements in Spanish only. (Fred Alfred, Tom Denny)                                                                                                                      |
| 9.465       | TAP         | Ankara, Turkey, received very well Sundays to 4:15 P.M., Saturdays to 4:55 P.M., with announcements in German, French, English, and Turkish. (Fred Alfred)                                                                                                     |
| 5.942       | OAX2A       | Radio Rancho Grande, Trujillo, Peru, announcing as 6.00 mcs., but heard nearer this spot. Gave schedule as Tuesdays, Thursdays, Saturdays, and Sundays, 8-11 P.M., Peruvian Daylight Saving Time (possibly the same as our EDST). (R. B. Oxrieder, Canal Zone) |
| 5.883       | TIGPH2      | San Jose, Costa Rica, is a separate station and runs different programs from TIGPH, 5.83 mcs. Signs at 11 P.M., with Ted Lewis' "Good Night Melody." (Oxrieder)                                                                                                |
| 5.830       | TIGPH       | San Jose, relays BOB station of same call, signs at 10 P.M. (Oxrieder)                                                                                                                                                                                         |
|             | TIXGP3      | San Jose, continues from 10-11 P.M.--relaying BOB TIX. (Oxrieder)                                                                                                                                                                                              |
| 5.660       | HRI         | San Juancito, Honduras, located at a mining camp, is on only a few minutes each day, contacting HRI2 at another small mining camp owned by the same company. (Roberts)                                                                                         |
| 5.370       | YNW1        | Bonzana Mines, Nicaragua, heard irregularly (Oxrieder)                                                                                                                                                                                                         |
| 5.225       | YVA         | Caracas, Venezuela, transmits irregularly. (Oxrieder)                                                                                                                                                                                                          |
| 5.025       | YV1RL       | Radio Popular, Maracaibo, Venezuela, has shifted from 5.935, but heard only irregularly on this frequency. (Oxrieder)                                                                                                                                          |
| 4.855       | YV1RL       | Transmits regularly on this frequency. (Oxrieder)                                                                                                                                                                                                              |
| 4.490       | CZ9U        | St. Felicien, Que., heard working CZ2T, Cedar Bay. CZ2S, Oskelanec, Que., heard at 7:50 P.M. sending messages to man on Hudson Bay. (Denny)                                                                                                                    |
| 4.273       | RV15        | Khabarovsk, Siberia, can be heard with very poor signal around 7:20 A.M. (Fred Alfred)                                                                                                                                                                         |
| 2.662       | NMB         | Jacksonville, Fla., call uncertain, transmits weather reports for shipping at 10:20 A.M., and 10.20 P.M. (Roberts)                                                                                                                                             |
| 2.340       | HOA         | Panama City, Panama, received with weak signal at 8:20 P.M., 2/8/39, relaying HP5G, 11.78 mcs. (Denny, Roberts)                                                                                                                                                |

Several listeners have been reporting reception of the medium wave band ship, coast guard, border patrol, and forestry stations. Anyone wishing to send reports to these stations, can receive many of the QRAs from the writer.....

Melvin W. Oliver, In answer to the question in the February 6th Bulletin, I listen to the medium frequencies very often. I have verified a couple, KIPQ, Beatrice Neb., and a very nice letter of confirmation from the operator of WALC, Brunswick, Ga.

Some of the stations heard recently on these frequencies are: KIPU, Harper, Iowa; KIPQ, Beatrice, Neb.; KIPR, Red Oak, Iowa; KIPT, Truro, Iowa; and WAGQ, Geneseo, Ill. All are on 2726 kcs., and owned by the Natural Gas Pipeline Co. of America. KAYG, Rock Springs, Wyo., is also on 2726 kc. KYZA, El Paso, Tex., KYZD, Del Rio, Tex., KYZK, McAllen, Tex., KYZL, Laredo, Tex., KYZG, Tuscon, Ariz., all Immigration Border Patrol stations use 2182 kcs., and 4617 kcs. KTCM, U.S. Dept. of Interior, Navajo

HIGH FREQUENCIES (EST) - Continued from page 5

Reservation, somewhere in Arizona, 2994 kcs.; WWOI, New Orleans Lighthouse Depot, on 2662kcs., are also heard. Other calls logged on this band: WOGK, WPQR, WNUY, KIPP, WPZI, KLSW, WKEE, and WNNC.....

Roger Legge, Binghamton, writes: Below are the ships most likely to be heard making ship-tp-shore telephone contacts with WOO. The best place to hear them is on the 4.41 mcs. band during the evening, when WOO on 4.75 mcs., calls them. They may also be heard daytime on 8.83 mcs., with WOO on 8.56 mcs; or 13.23 mcs., with WOO on 12.84 mcs.

| <u>Call</u> | <u>Ship</u>        | <u>Line</u>        | <u>Address</u>          | <u>Verified</u> |
|-------------|--------------------|--------------------|-------------------------|-----------------|
| WIEA        | S.S. Manhattan     | United States Line | Pier 59 NR, W. 18th St. | Yes             |
| WLEE        | S.S. Washington    | United States Line | Pier 59 NR, W. 18th St. | Yes             |
| FNSK        | S.S. Normandie     | French Line        | Pier 88 NR, W. 48th St. | No              |
| FNSM        | S.S. Ile de France | French Line        | Pier 88 NR, W. 48th St. | Yes             |
| IBLI        | Conte de Saccia    | Italian Line       | Pier 92 NR, W. 52nd St. | Yes             |
| ICEJ        | S.S. Rex           | Italian Line       | Pier 92 NR, W. 52nd St. | Yes             |
| VQJM        | Monarch of Bermuda | Furness Line       | Pier 95 NR, W. 55th St. | Yes             |
| VQJP        | Queen of Bermuda   | Furness Line       | Pier 95 NR, W. 55th St. | Yes             |
| GBTI        | S.S. Queen Mary    | Cunard White Star  | Pier 90 NR, W. 50th St. | No              |
| GLRZ        | S.S. Aquitania     | Cunard White Star  | Pier 90 NR, W. 50th St. | No              |
| GLKZ        | S.S. Transylvania  | Anchor Line        | Pier 45 NR, W. 10th St. | No              |
| GMBJ        | Empress of Britain | Canadian Pacific   | Pier 59 NR, W. 18th St. | No              |
| DJNY        | S.S. New York      | Hamburg-American   | Pier 86 NR, W. 46th St. | Yes             |
| DOAH        | S.S. Bremen        | North German Lloyd | Pier 86 NR, W. 46th St. | No              |
| DOAI        | S.S. Europa        | North German Lloyd | Pier 86 NR, W. 46th St. | No              |

HIGH FREQUENCIES (EST) - By Earl R. Roberts

| Mcs.   | Call          | Location                                                                                                                                                                                                                   |
|--------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 26.300 | W2XJI         | Newark, N. J., broadcasts the news at 1:05 P.M., received R9. (Martin Olthoff, Kansas) Every Saturday at 5 P.M. for the NNRC.                                                                                              |
| 15.330 | W6XBE         | Treasure Island, San Francisco, tested from 8:30-9 P.M., 2/18, with the recording "Anchors Away" and few announcements. (Art Foerster, Ind.)                                                                               |
| 15.190 | LKV           | Oslo, Norway, reported on this frequency signing at 9 A.M. (Jimmy Hart)                                                                                                                                                    |
| 15.120 | ????          | Unidentified French speaking station, 2.19, signed at 9 A.M. (Roberts)                                                                                                                                                     |
| 14.430 | HCLJB         | Quito, Ecuador, transmits an English program daily at 10 A.M. Reports are requested and verifications promised. (Richard Daneker, Pa.)                                                                                     |
| 11.705 | JLG<br>(JLD3) | Tokyo, Japan, reported with this new call and frequency on the 8-8:30 P.M. North American program instead of JZK, 15.160 mcs. (Jimmy Hart, N.J.)                                                                           |
| 9.710  | HKF           | Bogota, Colombia, QRA- Apartado 312, slogan "La Voz de Bogota." Also transmits same program with same call on 4.855 mcs., heard at 9:25 P.M. (Martin Olthoff) Possibly a harmonic on 9.710 mcs.                            |
| 9.690  | ZHP           | Singapore, Straits Settlements, is good from 6:15-7:45 A.M. then fades rapidly. Announces at 6:25, 6:40, and every 15 minutes thereafter, and gives news at 7:25 A.M. (Hart)                                               |
| 9.620  | ----          | NEW frequency for Paris Mondial, was used several days on the North American program from 9:30 P.M.-midnight. (Sergio Gonzalez, Cuba, Hart)                                                                                |
| 9.610  | ZRK           | Klipheuvall, South Africa, has shifted from 9.602 mcs., signs on at 11:45 P.M., news in English at midnight. (Olthoff, Kansas)                                                                                             |
| 9.535  | JZI           | Tokyo, received with excellent volume from 7-7:30 A.M. (Jimmy Hart, N.J., Charles Leboeuf, Mass.)                                                                                                                          |
| 9.445  | HCODA         | Guayaquil, Ecuador, broadcasts popular dance music from 9-9:20 P.M. (Richard Daneker, Pa.)                                                                                                                                 |
| 9.340  | OAX4J         | Lima, Peru, announces station calls at 8:15 P.M. in Spanish and plays popular dance music frequently. (Daneker)                                                                                                            |
| 9.315  | LYR           | "Radio Kaunas", Kaunas, Lithuania, heard from about 11:30 A.M.-3 P.M. (British Short Wave Review)                                                                                                                          |
| 9.125  | HAT4          | Budapest, Hungary, signs on with a series of "V's" in CW at 7 P.M., then announces in Hungarian. (Frank Gregor, Indiana)                                                                                                   |
| 8.655  | W2XAA         | Chicago, heard testing at 5:12 P.M. (Leboeuf, Mass.)                                                                                                                                                                       |
| 8.585  | WMI           | Loraine, Ohio, granted use of this frequency for Coastal Harbor station, 40Q watts, until April 1, 1939. (FCC)                                                                                                             |
| 7.460  | ????          | Unidentified French speaking station playing Spanish numbers, heard 2/12 at 6:42 P.M. (Frank Macolly, Pa.)                                                                                                                 |
| 7.280  | ----          | NEW frequency for Paris Mondial, now used on the North American program from 9:30 P.M.-midnight. News in English is given daily at 11 P.M. Signal R9 plus with some CW interference. (Morris, N.J., Soplop, N.Y., Roberts) |
| 6.695  | TIEP          | San Jose, Costa Rica, transmits popular dance music nightly from 11:30 P.M.-midnight. After a series of chimes and Spanish announcements, the station signs with the playing of a Hawaiian selection. (Daneker)            |
| 6.375  | TIWS          | Puntarenas, Costa Rica, frequently plays popular music from 9:30-10 P.M. signing at that time with Spanish announcements and a band selection. (Daneker)                                                                   |
| 6.175  | XEXA          | Mexico City, broadcasts an interesting historical program Wednesdays, 10-10:30 P.M., in English. (Art Foerster)                                                                                                            |
| 6.162  | YV5RD         | Caracas, new frequency, relays YV5RB, "Radio Venezuela." (Olthoff)                                                                                                                                                         |
| 6.010  | HJ3CAX        | Bogota, Colombia, verifies with card showing the "Statue of Liberty". (Richard Daneker)                                                                                                                                    |
| 4.880  | VUC2          | Calcutta, India, R9, gives English news at 9:07 A.M. (Olthoff)                                                                                                                                                             |
| 3.410  | WWOT          | Staten Island Lighthouse Depot heard at 2:45 P.M. (Leboeuf)                                                                                                                                                                |
| 2.738  | WOBF          | Tug "J. Alva Clark" heard at 7:25 P.M. KMFR, Pilot Boat "Northern Light" at 5:45 P.M. KPZE, Pilot Boat "Norfolk" at 7:05 P.M. (Leboeuf)                                                                                    |
| 2.726  | WANA          | Homerville, Georgia, forestry station, tests at 7:45 P.M. (Leboeuf)                                                                                                                                                        |
| 2.670  | NRFL          | Coast Guard Boat "Manhattan" in New York harbor heard calling Rockaway Point at 6:55 P.M. CG-171 received at 6:50 P.M. NRQK, Patrol Boat CG-409                                                                            |

HIGH FREQUENCIES (EST) - Continued from page 5

| <u>Mcs.</u> | <u>Call</u> | <u>Location</u>                                                                                                                        |
|-------------|-------------|----------------------------------------------------------------------------------------------------------------------------------------|
|             |             | phoned Winthrop Radio at 5:37 A.M. Coast Guard station on Demiscove Island, Maine, heard in contact with Winthrop. (Leboeuf)           |
| 2.335       | WWLV        | Cape Smith Weather Bureau received at 6:52 P.M. calling the Pilot Boat "Maryland" and KSVK. KSVK logged on same frequency. (Leboeuf)   |
| 2.238       | GMPC        | Thought to be the call given by a station on this Canadian frequency addressing a Captain of a ship on some unknown channel. (Leboeuf) |
| 2.198       | WBEK        | Yacht "Alba" contacted WOX at 10:15 P.M. using 1 Kw. Is believed to be owned by the Vanderbilts. (Leboeuf)                             |

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Stations WLL, WQV, and WOG, Rocky Point, N.Y., have been granted authority to contact ZAA, Tirana, Albania, for contact control purposes in connection with the reception of addressed program material for a period of 30 days. ZAA may use 15.765 mcs.

A British magazine has learned on good authority that the BBC has already allotted two channels for 100 Kw. station on the recently assigned 7.200-7.300 mcs. band. The stations are expected to be completed by September of this year and to radiate programs to Asia. Paris Mondial is already transmitting in this band. YI5KG, owned by H.R.H. Crown Prince Faisal Ghazi of Iraq, located at Baghdad, transmits daily from 7:30 A.M.-3 P.M., with 1 Kw. A 400 watt transmitter may be heard on 6.90 mcs. radiating mostly Western music from 9:30 A.M. while an 80 watt transmitter on 14.20 mcs. begins operations at 10 A.M. YI5KG operates on about 7.200 mcs.

A verification from 2R08, 17.820 mcs. advises that this frequency has been taken over by 2R012, 15.100 mcs. Stations now in actual service are: 2R03, 9.630; 2R04, 11.81; 2R06, 15.300; 2R08, 17.820; 2R09, 9.670; 2R012, 15.100 mcs. Others assigned are: 2R05, 15.170; 2R07, 17.770; 2R011, 7.220; and 2R013, 11.900 mcs.

Paris Mondial schedules for March

TPB-3, 17.810 mcs., 9:30-11 A.M., directed toward the Far-East. TPB-6, 11.718 mcs., 7-9:15 P.M. towards South America. TPB-7, 11.885 mcs., 9:30 P.M.-midnight towards North and Central America. TPB-11, 15.130 mcs., 2-5 A.M. towards Africa. TPB-11, also listed on 9.550 mcs. from 11:15 P.M.-6 A.M. for Africa. TPA-2, 15.243 mcs., 6 A.M.-11 A.M. to the Far-East. TPA-3, 11.885 mcs., 2-3 A.M., and 11:15 A.M.-6 P.M. to Africa. TPA-4, 11.718 mcs., 7-9:15 P.M., and 9:30 P.M.-midnight to America.

A. Wendell Field, San Diego, California, writes that he has recently logged the following: KYZA, 4.617 mcs., El Paso, Texas, border patrol station, testing with KYZM, 2.710 mcs., Linden, Wash., KYZG, 2.630 mcs., Tucson, Arizona, and KYZE, 2.118 mcs., El Centro, California. The stations also used 2.182 and 2.710 mcs. as intermediate frequencies. Other stations heard are: VDO, 4.865 mcs., Vancouver telephone calling a boat; WGDJ, 2.670 mcs., Coast Guard calling the boat "Shoshoney"; WEL, 8.800 mcs., in contact with Rome making arrangements for an NBC broadcast. Verifications have been received from LRL, XEDQ, IQY, HVJ, SPW showing a monument, and PCJ showing their revolving antenna masts.

A.L. Von Cannon, Richmond, Va., sends in quite a list of stations logged. Among the best are: OLR4B, VUB, WOX, WNOQ, WMMC, WMR asking Lorraine to try channel 30 (Lorraine was logged on about 6.500 mcs.), PJC, VP3MR, and HP5L. WOX was heard at 8:57 A.M. calling KJCT, Tug "Battleboro", and WFKE.

A letter of verification has been received by the writer from the Director of Programs, VUM2, 4.950 mcs., Madras, India, reading partly as follows: "We are exceedingly glad to confirm your reception of our shortwave station (4950 kcs). Your detailed report has been most helpful and encouraging. I trust you will kindly take this letter as the official verification of your reception of VUM2." A letter of verification from WQKB, 30.700 mcs., Evansville, Indiana, states that this was a record reception of their ground wave, a distance of 148.5 miles airline. The best previous had been 100 miles. WQKB uses 500 watts and has a daily schedule with KJBR, Alameda, California, at 2 P.M. Capt. Roy E. McConnell in requesting further reports, is desirous of knowing if the signal continues to hold up as far away as Indianapolis. XTJ, 11.691 mcs., Hankow, China, verified reception by letter postmarked October 17, received exactly four months later to the day. M.W. Soplop and John May also report veries from XTJ.

HIGH FREQUENCIES (EST) - By Earl R. Roberts

| Mcs.   | Call   | Location                                                                                                                                                                                                                                                                                                                           |
|--------|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 26.300 | W2XJI  | Newark, N.J., every Saturday at 5 P.M. for the NNRC.                                                                                                                                                                                                                                                                               |
| 17.845 | DJH    | Berlin, Germany, received very well at 11 A.M. on the African program with announcements in German and English. (Roberts, Indiana)                                                                                                                                                                                                 |
| 15.330 | W6XBE  | San Francisco, Calif., tested 2/21 between 9-9:20 P.M. (Leboeuf, Mass.)                                                                                                                                                                                                                                                            |
| 15.290 | VUD4   | Delhi, India, heard R5, 2/26, starting at 9:30 P.M. with VUD2. (Roberts)                                                                                                                                                                                                                                                           |
| 15.170 | LKV    | Oslo, Norway, official schedule: 6:40-10 A.M. (Carl Forestieri, N.Y.)                                                                                                                                                                                                                                                              |
| 12.070 | XTU    | Canton, China, also XTS, 11.44, and XTJ, 11.691 mcs., verified by registered letter from S. Chang, Director, Telegraph Office, Ministry of Communications, Chungking, China. XTJ also verified by letter from Hankow dated October 17, just 8 days before capture of the city. (Legge, NY)                                         |
| 11.735 | LKQ    | Oslo, Norway, schedule: 2-6:40 A.M., and 10 A.M.-3 P.M. (Forestieri, N.Y.)                                                                                                                                                                                                                                                         |
| 9.700  | ----   | Radio Martinique, Fort-de-France, transmits an English program each Monday and Wednesday from 6-6:30 P.M. (George Trisdorfer, N.Y.)                                                                                                                                                                                                |
| 9.620  | CXA6   | Montevideo, Uruguay, heard well to sign off at 9 P.M. (Roger Legge)                                                                                                                                                                                                                                                                |
| 9.610  | LLG    | New transmitter at Oslo, Norway, schedule: 3-6 P.M., 8-10 P.M., and 11-midnight. This transmitter takes the place of LKQ. (Forestieri) Plays a number of well known classical selections from 11:30 on and announces at sign off in English. (Melvin Oliver, Texas; Roberts) Some QRM from ZRK, 9.615 mcs., starting at 11:43 P.M. |
| 9.580  | VLR    | Melbourne, Australia, gives news in English from 4:15-4:30 A.M. followed by music which is much clearer than the speech. (Sergio Gonzalez, Cuba)                                                                                                                                                                                   |
| 9.560  | DJA    | Berlin, sent a special program to Australia from 4-4:15 A.M. and called some SW listeners over there. Also broadcast by DJN. (Gonzalez)                                                                                                                                                                                            |
| 9.550  | YDB    | Soerabaja, Java, from 4:45-6 A.M. with no QRM from the Germans, broadcast a fine program with talks in Dutch. (Gonzalez)                                                                                                                                                                                                           |
| 9.535  | JZI    | Tokyo, Japan, now on daily from 7-7:30 A.M. with English announcements. (Richard Daneker, Pa., Roger Legge)                                                                                                                                                                                                                        |
| 9.520  | OZF    | Copenhagen, Denmark, schedule: South American and the Far East- 8-9:30 P.M. North American and Greenland- 9:30-11 P.M. (George Jacobs, Ohio)                                                                                                                                                                                       |
| 9.345  | HBL    | Geneva, with HEP, 7.797 mcs., sent a special program to NBC, 2/26, at 10:15 P.M., from a winter carnival being held at Basle. (Roberts)                                                                                                                                                                                            |
| 8.025  | ----   | NEW transmitter at Oslo, Norway, heard in parallel with LLG, daily from 9-10 and 11 P.M.-midnight. No call given. (Melvin Oliver)                                                                                                                                                                                                  |
| 7.716  | ----   | NEW transmitter at Oslo, Norway, also in parallel with LLG, received 2/26 at 11 P.M.-midnight with poor signal. (Roberts)                                                                                                                                                                                                          |
| 7.280  | ----   | Paris Mondial reported on the North American program at 9:30 P.M. with fine signal. Also has another evening transmission starting earlier. (Daneker, Oliver)                                                                                                                                                                      |
| 6.420  | W10XJF | Motor Sailer "Mako" at some port in the Caribbean Sea, in QSO with W9XE1, Lake Bluff, Ill., 2/25, at 10:12 P.M. (F. H. Smith, Ohio)                                                                                                                                                                                                |
| 6.170  | XEUZ   | Mexico City, broadcasts an International Hour 10:30-11 P.M. News in English at 10:30-10:35 P.M. (Daneker)                                                                                                                                                                                                                          |
| 6.130  | LKJ    | Jeloy, Norway, 1 Kw., now on temporary schedule of noon-6 P.M. Address all reports for Norwegian transmitters to the Administration of Telegraphs, Radio Department, Oslo, Norway. (Forestieri)                                                                                                                                    |
| 6.070  | YV1RD  | Maracaibo, Venezuela, from 6:15-6:45 A.M. Call and frequency announced every 15 minutes. (Gonzalez)                                                                                                                                                                                                                                |
| 6.010  | ZRH    | Roberts Heights, South Africa, believed to be the station heard with same program as ZRK after 11:45 P.M. (Oliver)                                                                                                                                                                                                                 |
| 5.880  | H1IJ   | San Pedro de Macoris, D. R., now on this new frequency. (Daneker)                                                                                                                                                                                                                                                                  |
| 4.500  | CY6B   | Lac La Croix, in contact with CZ9U. (Charles Leboeuf, Mass.)                                                                                                                                                                                                                                                                       |
| 2.770  | Car 24 | Immigration Border Patrol heard calling WWMH, Highgate Springs, Vermont, at 5:40 P.M. (Leboeuf)                                                                                                                                                                                                                                    |
| 2.738  | W10XJF | Motor Sailer "Mako", in port at Port-au-Prince, Haiti, R4 at 8:25 P.M. talking with another ship on the same frequency. (Roger Legge) Ships WTIZ and WCEA heard. (Frank Macolly, Pa.) KLQE and KJCT logged. (Roberts)                                                                                                              |
| 2.726  | WAGE   | Lake Bluff, Illinois, received at 9:17 P.M. (Leboeuf)                                                                                                                                                                                                                                                                              |

HIGH FREQUENCIES (EST) - Continued from page 5

| <u>Mcs.</u> | <u>Call</u> | <u>Location</u>                                                                                                                                                 |
|-------------|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2.698       | ----        | Oswego Station, N.Y., heard discussing Lake conditions with Erie Station at 7:32 P.M. (Roberts)                                                                 |
| 2.670       | NRFK        | Coast Guard Cutter and Ice Breaker "Kickapoo" in Rockland Harbor, Maine, called Burnt Island, Maine, at 7:40 P.M. CG-106 phoned Rockaway at 6:10 P.M. (Leboeuf) |
| 2.604       | ----        | The following stations on the Chesapeake and Delaware Canal are under control of the U. S. Army regulations. (Charles Leboeuf)                                  |
|             |             | WZAF Delaware City, Del.      WYDF U. S. Army Patrol Boat "Weir"                                                                                                |
|             |             | WZAF Chesapeake City, Md.      WYDO U. S. Army Patrol Boat "Joy"                                                                                                |
|             |             | WZAG Summit, Delaware      WYDP U. S. Army Patrol Boat "Dragon"                                                                                                 |

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Pan American Airways Company will operate KTIC from Treasure Island, Calif., site of the San Francisco World's Fair, on 3082.5 kcs., 16 watts. WAGU, State of Florida Board of Forestry, Make City, Fla., is a new special emergency station to operate on 2.726 mcs., 200 watts.

I. D. A. reports the following new Japanese phones: JVV, 7.26; JVV2, 9.673; JVV3, 11.725; and JVV4, 17.823 mcs.

Neville Seymour, Baltimore, Md., heard a station between GSD and COCX from 3-3:30 P.M. which he was unable to identify. The language was undoubtedly Scandinavian. Perhaps this was the new Oslo station, LKQ, 11.735 mcs. although they are supposed to sign at 3 P.M.

HIGH FREQUENCIES (EST) - By Earl R. Roberts

| <u>Mcs.</u> | <u>Call</u> | <u>Location</u>                                                                                                                                                                                                                                                                                                   |
|-------------|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 30.700      | KQBR        | Alameda, California, police, heard testing with WQKB, Evansville, Ind., twice at 6:30 P.M. with R9 signal. (F. H. Smith, Indiana)                                                                                                                                                                                 |
| 21.520      | W3XAU       | Philadelphia, Pa., signs off at 2:31 P.M. ending program in Spanish for South America. (Martin Olthoff, Kansas)                                                                                                                                                                                                   |
| 16.280      | FZR         | Saigon, French Indo-China, received 3/2 at 9:50 to after 10 A.M. with series of 4 tones over and over. The lowest note is somewhat shorter and the highest note longer than the rest. (Roberts, Indiana)                                                                                                          |
| 15.775      | WSH         | Lawrenceville, N.J., phoned and contacted IQA, 3/2, at 9:39 A.M.                                                                                                                                                                                                                                                  |
| 15.330      | W6XBE       | Treasure Island, San Francisco, on almost nightly around 8-9 P.M. (Jake Field, Calif.)                                                                                                                                                                                                                            |
| 15.320      | OZH2        | Skamlebaek, Denmark, verified promptly. Schedule is Sundays and holidays 8 A.M.-1:30 P.M. (Roger Legge, N.Y.)                                                                                                                                                                                                     |
| 15.300      | I2RO6       | Rome, Italy, gives news in English at 1:20 P.M., R9. (Olthoff)                                                                                                                                                                                                                                                    |
| 15.190      | XGOX        | Chungking, China, may be heard best when European reception is poor. Signal is sometimes R8. (Fred Alfred, Ontario)                                                                                                                                                                                               |
| 14.736      | IQA         | Rome, Italy, in contact with WSH at 9:40 A.M., R6-8. (Roberts)                                                                                                                                                                                                                                                    |
| 14.460      | DZH         | Berlin, signed on air at 4:50 P.M. with special broadcast to Buenos Aires and South America. Signed off at 5:25 P.M. (Olthoff)                                                                                                                                                                                    |
| 11.960      | HI2X        | Trujillo City, D.R., verified reception and sends schedule as: Tuesdays and Fridays 8:30-10:30 P.M., Sundays 8-10:30 A.M. Power 900 watts. This may be their local time as the card did not designate whether EST or not. (Jake Field, Calif.)                                                                    |
| 11.740      | CR6RC       | Luanda, Angola, Portugese West Africa, operated by the Radio Club of Angola, heard at 3:30 P.M., R6, signing with the Portugese National Anthem. Can easily be located to the LF side of GSD. (M.W. Soplop, N.Y.) Schedule appears to be Tuesdays, Thursdays, and Saturdays from 2-3:30 P.M. (Quixote Radio Club) |
| 10.600      | ZIK2        | Belize, British Honduras, signed on at 8:30 P.M., 3/2, with period of news. Signal was R9 for about 5 minutes, then faded to an average of R4 until sign off at 8:49. Announced the next broadcasts for Saturday at 1:30 and 8:30 P.M. EST. (Roberts)                                                             |
| 10.530      | JIB         | Taihoku, Taiwan, can be heard R9 plus at 9 A.M. with news in English by a lady. Signal is good as a BC station. (Bireley Ross, Texas)                                                                                                                                                                             |
| 9.720       | ZRD         | Durban, South Africa, has news in English at midnight, R7. (Olthoff)                                                                                                                                                                                                                                              |
| 9.690       | ZHP         | Singapore, Straits Settlements, is received best from 5:45-6:30 A.M. (Bireley Ross, Texas)                                                                                                                                                                                                                        |
| 9.550       | VUB2        | Bombay, India, with fair signal at 9:30 P.M. Moderate QRM at times from other stations. (Roger Legge, N.Y.)                                                                                                                                                                                                       |
| 9.535       | JZI         | Tokyo, Japan, is being widely heard from 7-7:30 A.M. with Japanese and English programs. (Sergio Gonzalez, Cuba; Neville Seymour, Md.)                                                                                                                                                                            |
| 9.500       | XETW        | Mexico City, signs on at 8 A.M., news in Spanish at 8:20. (Gonzalez)                                                                                                                                                                                                                                              |
| 9.495       | ????        | Unidentified station heard with fair signal after VK3ME signs at 7 A.M. Lady announcer usually but language not recognized. QRM from KZIB. (ERR)                                                                                                                                                                  |
| 7.460       | ----        | Montreal, Quebec, and Toronto, Ontario, of Trans-Canada Airways logged at 10:20 P.M. (Olthoff)                                                                                                                                                                                                                    |
| 6.610       | YNLG        | Managua, Nicaragua, signs at 9:14 P.M. with the popular "Good Night Melody." (Olthoff)                                                                                                                                                                                                                            |
| 6.235       | HRD         | "La Voz de Atlantida", La Ceiba, Honduras, verified with pink card and midnight blue call letters. Schedule: Weekdays 8-11 P.M., Sundays 4-6 P.M. Power 250 watts. (Roberts)                                                                                                                                      |
| 6.000       | ????        | An Oriental station heard at 7 A.M., 2/23, may have been the propped station in Rangoon, Burma. Reception ruined by a Mexican before any announcements were heard. (Bireley Ross)                                                                                                                                 |
| 4.835       | YV1RL       | Maracaibo, Venezuela, signs with a march at 10:26 P.M. (Olthoff)                                                                                                                                                                                                                                                  |
| 4.002       | CT2AJ       | Ponta Delgada, Azores, is again being heard just to the HF side of the W fone band with fair to weak signal, Wednesdays and Saturdays 6-7 P.M. Signs at about 7:04 P.M. with the Portugese Anthem. (Legge, Soplop, N.Y.)                                                                                          |

HIGH FREQUENCIES (EST) - Continued from page 5

| Mcs.  | Call  | Location                                                                                                                                                                                                                                   |
|-------|-------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2.906 | KGTH  | Salt Lake City, Utah; KGTU, Butte, Montana; KGTX, Pocatello, Idaho, all heard between 11:40-11:51 P.M. in communication. These are operated by Western Air Express Lines. (Olthoff)                                                        |
| 2.790 | WLWB  | Cincinnati, Ohio, mobile relay station for WLW, tested with WLWA, 2.758 mcs., aboard a steamer on the Ohio River 40 miles above Louisville, in preparation for program over WLW. Both stations R9 plus from 6:50-7:05 P.M., 3/4. (Roberts) |
| 2.738 | WTCF  | Steamer "Helen" heard contacting WTVW at 8:55 P.M. WTCF was 7 miles East of Galveston bound for Houston, Texas. WKEE heard at 10:51 P.M. (Roberts)                                                                                         |
| 2.726 | WEMD  | Watermill, N.Y., special emergency station in contact with WANC at 7:25 P.M. (Charles Leboeuf, Mass.)                                                                                                                                      |
| 2.710 | WMMC  | Marine City, Michigan, border patrol station, sends code at very slow speeds (which even the writer can copy) irregularly, to WDMA, Detroit. Heard from 9-9:30 P.M., 3/3, R9. (Roberts)                                                    |
| 2.698 | NRGO  | "Pandora", 165 foot Patrol Boat of the USCG out of Miami, Florida, heard Calling CG-244 at 9:19 P.M. The CG-244 not heard. (Leboeuf)                                                                                                       |
| 2.670 | NRQH  | CG-406 vessel in contact with Base 4, New London, Conn., at 7 PM. (Leboeuf)                                                                                                                                                                |
| 2.630 | KYZF  | Alpine, Texas, border patrol station, heard at 10:10 P.M. (Leboeuf)                                                                                                                                                                        |
| 2.530 | VBQ   | and VBQ1, Halifax, Nova Scotia, at 6:30 P.M. contacting GMPC on 2.126 mcs. Also called VCBZ and VCDG but the ships could not be heard. (Leboeuf)                                                                                           |
| 2.290 | CZ7V  | Kirkland Lake, Ontario, called VE2CH, 3.888 mcs., several times at 8:30 to 8:40 P.M. requesting a check on the transmitter. (Roberts)                                                                                                      |
| 2.198 | WNIG  | Ocean going tug "Russel V" contacted WOX at 6:51 P.M. (Leboeuf)                                                                                                                                                                            |
| 2.174 | WTBT  | Yacht "Romance" and the Vincent Astor Yacht "Normahurl" called KOU, Wilmington, Calif., 2.566 mcs., at 10:30 P.M. (Leboeuf)                                                                                                                |
| 2.118 | W9XEI | Lake Bluff, Illinois, and WLOXJF, Motor Sailer "Mako" at port in Port-au-Prince, Haiti, tested this frequency at 12:32-1:20 A.M. Also tested on 6.425 mcs. and mentioned a frequency in the 3 mcs. band. (F.H. Smith, Ind.)                |

SCHEDULES

## Radio Centre, Moscow

15.210 mcs. RV96, daily starting at 3 A.M. 15.083 mcs., RKI, daily at 7 P.M.  
 12.000 mcs. RNE, Sunday, Monday, and Friday at 4 P.M., Thursday and Saturday at 5 P.M.  
 9.600 mcs. RAN, daily at 7 P.M. 9.520 mcs. RV96, Saturdays only at 5 P.M. in English.  
 6.030 mcs. RV96, Saturday only 5 P.M. in English. On the 7th, 13th, 19th, 25th, and 31st, RV96, 15.21 mcs., starts at 3:15 A.M. instead of 3 A.M. Long Wave schedules: 1744 meters, Sunday, Monday, and Friday, at 4 P.M. 1210 meters on Thursday at 5 P.M. An earlier schedule lists the 3 A.M. transmissions on 15.180 mcs., 19.76 meters, but the last schedule received has the wave typewritten in as 19.72 meters, 15.210 mcs.

## La Voz de Guatemala, Guatemala City

TGW, 1.520 and TGWB, 6.490 mcs. - Weekdays 7:45-9 A.M., 12:45-2:45 and 7:30 P.M. to 12:15 A.M. Sundays 10:30 A.M.-5:30 P.M., 7 P.M. to midnight. TGWA, 15.170 and 9.685 mcs. - Weekdays 12:45-1:45 and 10-11:30 P.M. Sundays 12:45-5:15 and 7 P.M.-midnight. TGWA operates on a day frequency of 15.170 mcs. and at nights on 9.685 mcs. .... Directional antenna toward North, Central, and South America, is used on TGWB, 6.490 mc. This frequency will soon be changed for one in the 49 meter band. The antenna of TGWA is directed toward the United States. Other frequencies assigned TGWA are 11.760 and 17.800 mcs. At 12:45 P.M. daily over TGWA, 15.17 mcs., popular music is played by the "Ideal Club" marimba. No reply coupons are necessary for verifications which are promptly mailed.

The QRC reports a new transmitter in use by Tokyo in the broadcast for China and the South Seas over JLG, 6.190 mcs. instead of JVP, 7.510 mcs. as per schedule. The call of the Tokyo station on 11.705 mcs. is given as JLG3. LBA, 9.650 mcs., Addis Abeba, Italian East Africa, is reported heard in eastern U.S. with good signal from 1-3 P.M. "Radio Tirana", Albania, was reported testing in February on 6.085 mcs. from 8 P.M.-1:15 A.M., 7.875 mcs., from 1-2 P.M., and below COBC, 9.360 mcs. at 1-2 A.M. Additional transmitters were mentioned on 49.30 and 58.22 meters. (QRC).....

HIGH FREQUENCIES (EST) - By Earl R. Roberts

| Mcs.   | Call  | Location                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|--------|-------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 26.300 | W2XJI | Newark, N. J., Every Saturday at 5 P.M. for the N. N. R. C.                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 17.840 | ----  | NEW station heard till 10:00 A.M. believed to be Radio Eireann, Ireland. (Roger Legge, New York)                                                                                                                                                                                                                                                                                                                                                                                                             |
| 15.240 | CR7BB | Lournco Marquis, Mozambique, operates mornings with test transmissions. The address is the same as for CR7AA-BH. (Ron Burt, South Africa)                                                                                                                                                                                                                                                                                                                                                                    |
| 15.135 | CSW4  | Lisbon, Portugal, transmits on this frequency around 8:45 A.M. (BSWR)                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 15.120 | ----  | NEW station believed to be Radio Eirrean testing from noon-1 P.M. (Legge)                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 14.004 | EA9AH | Tetuan, Spanish Morocco, "Radio Nacional," on nightly at 9 P.M. (Tucker, NY)                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 11.730 | WLXAR | NEW transmitter for WLXAL, Boston, Mass., heard in parallel with WLXAL, 11.790 mcs., from 4:30-5:30 P.M. (Jimmy Hart, N.J.)                                                                                                                                                                                                                                                                                                                                                                                  |
| 11.705 | JLG3  | Tokyo, Japan, is the correct call for this transmitter as announced on the 8 A.M. transmission. JLP is the correct call on 6.190 mcs. (Hart)                                                                                                                                                                                                                                                                                                                                                                 |
| 10.600 | ZIK2  | Belize, British Honduras, announces schedules for 1:30 and 8:30 P.M., Tuesdays, Thursdays, and Saturdays. (Roberts, Indiana)                                                                                                                                                                                                                                                                                                                                                                                 |
| 9.830  | HNF   | NEW relay for YI5KG, Baghdad, Iraq, may be heard between 10 A.M.-3 P.M. with programs usually in Arabic and English announcements approximately every 15 minutes. Address reports to: I. Hassan, Esq., Qasr el Zahoor Broadcasting Station, Baghdad, Iraq, Asia. (British Short Wave Magazine)                                                                                                                                                                                                               |
| 9.650  | IABA  | Addis Ababa, Italian East Africa, schedule: Sundays 3:30-3:55 A.M.; Daily 3:55-4:05, 4:15-4:45, 11 A.M.-noon, and 1-3 P.M. Is heard in California from 11-11:30 A.M. (IDA "Globe Circler")                                                                                                                                                                                                                                                                                                                   |
| 9.590  | VK6ME | Perth, Western Australia, is R7-9 until 7 A.M. or a little later when VUD3, Delhi, throws a carrier on the air. (Jimmy Hart, N.J.)                                                                                                                                                                                                                                                                                                                                                                           |
| 9.500  | XGOY  | Chungking, China, received R6-7 from time VK3ME signs at 7 A.M. to about 7:45 A.M. when XEWW opens with a carrier. (Roger Legge, N.Y.)                                                                                                                                                                                                                                                                                                                                                                       |
| 9.475  | ????  | Unidentified phone, believed speaking Portugese, R8-9, at 4:25-4:40 P.M. with 4 note interval signal. (Roger Legge)                                                                                                                                                                                                                                                                                                                                                                                          |
| 9.460  | IQN   | Tripoli, Libya, R7, at 5:25 P.M. calling in Italian. (Roger Legge)                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 8.900  | ----  | "La Voz de Espana", a Republican Spanish station with gong signals, heard at 6 P.M. (B.S.W.R.)                                                                                                                                                                                                                                                                                                                                                                                                               |
| 7.640  | YV1CB | Maracaibo, Venezuela, R7, at 6:40 P.M., calling Santana, Caseguo, and Vosalalito. (Roger Legge)                                                                                                                                                                                                                                                                                                                                                                                                              |
| 7.440  | FG8AH | Radio Guadeloupe, is on for a morning program starting at 6 A.M. (Hart)                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 6.995  | VIY   | or ZIY, Grand Cayman, Cayman Islands, is broadcasting irregularly 6-10 P.M. (I.D.A.)                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 5.810  | CZ6Y  | Winnipegosis, Manitoba, heard phoning at 10:36 P.M., R8. (Roberts)                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|        | TGF   | Guatemala, phoned TGM2 in Spanish at 8:25 P.M., R9. (Roberts)                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 4.530  | CZ7I  | Tareau, Quebec, phoning at 9:17 P.M. (Roberts)                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 3.420  | CY50  | Fort Albany, Ontario, in QSO with CY5M, Moosonee, Ontario, all in French. Stations operated by Les Missionnaires Oblats de Marie Immaculee.                                                                                                                                                                                                                                                                                                                                                                  |
| 3.410  | ----  | Forestry stations in the Great Smoky Mountains identified by locations only at 8, 8:30, and 9 P.M. on set schedules. Those heard were the base station at Gatlinburg, (Tenn.), calling the roll of stations evidently operated as portables at fire stations throughout the Mountains. A few heard with very weak signals due to extremely low power on only 2 watts were: Greensboro, N.C.; Blanket Mountain; and Bunker Hill. Many others were called by Gatlinburg but not heard here. (Roberts, Indiana) |
| 3.402  | WWBR  | Cape Henry Lighthouse Station at 8:30 P.M. in contact with WWDR, and WWCO, the Lighthouse Tender "Orchid."                                                                                                                                                                                                                                                                                                                                                                                                   |
| 2.738  | KLGP  | The "Lillian Anne" heard at 12:07 A.M. WOLI and WPOS at 12:23 A.M.                                                                                                                                                                                                                                                                                                                                                                                                                                           |

The Commerce Bulletin advises that the Lisbon, Portugal, National Broadcasting Station (Emisora Nacional), is expected to purchase a new 50 kw. transmitter for the broadcast band. The new equipment will replace the present 20 kw. transmitter which will be changed to the shortwave band. A 10 kw. transmitter is now in operation on that band. A 7.5 kw. transmitter is now under construction for Oporto to replace the present 200 watt broadcast band station. This 200 watt transmitter will then be increased to 2 kw. and placed at Coimbra for broadcast band use.

HIGH FREQUENCIES (EST) - Continued from page 5---Schedules---

W8XAL, Cincinnati, Ohio, 6.060 mcs., 10 Kw.

Daily- (except Saturdays) - 1-2 A.M. Mondays and Thursdays 5:45 A.M. to midnight. Tuesdays, Wednesdays, and Fridays 5:45 A.M.-7:30 P.M. Saturdays 5:45 A.M.-11 P.M. Sundays 8 A.M.-7:30 P.M. Sundays, Wednesdays, and Fridays 11-11:30 P.M. Tuesdays-11 P.M. to midnight. Verifications are issued by form letter.

Berlin- March

For North America- DJL, 15.11, 8-9 A.M. DJB, 15.20; DJD, 11.77; and DJZ, 11.801 mcs. from 4:50-10:50 P.M. DJB on Sundays only from 11:10 A.M.-12:25 P.M. For Asia-- DJB, 15.20; DJN, 9.54; and DJQ, 15.28 from 12:05-11 A.M. DJE, 17.76 from 12:05-5:50 A.M. DJS, 21.45; and DJH, 17.845- 12:05-7:50 A.M. DJE from 8-11 A.M. DJH from 9:15-11 A.M. For Africa-- DJL, 15.11, from 12:05-2 A.M. DJL and DJX, 9.675 mcs. from 10:40 A.M. to 4:25 P.M. DJD, 11.77; and DJC, 6.02 mcs. from 11:30 A.M.- 4:25 P.M. For South America- DJE, 17.76 mcs., 6-7:50 A.M., 4:50-9 P.M., and Sundays only from 11:10 A.M. to 12:25 P.M. DJN, 9.54 mcs., from 4:50-10:50 P.M. and DJQ, 15.28 mcs., from 9-10:50 P.M. and 4:50-9 P.M. For Central America- DJH, 17.845 mcs., from 8-9 A.M. DJR, 15.34 mcs., from 4:50-10:50 P.M. DJA, 9.56 mcs., from 6:30-11:50 P.M.

Rome - March

I2R03, 9.635 mcs.- 1:01 to 9 P.M. I2R04, 11.81 mcs.,- 4:30 A.M. to 2:30 P.M., 6-9 P.M. I2R06, 15.300 mcs.,- 10 A.M. to 12:04 P.M. 3-5:30 P.M., 6-9 P.M. I2R08, 17.82 mcs.,- 4:30-8:45 A.M. I2R09, 9.670 mcs.,- 12:40-1:00 P.M., 1:37 5:30 P.M. IQA, 14.795 mcs.- 4:30-5 A.M. for Arabian countries. IQY, 11.673 mcs.- 5-5:15 A.M., news in Russian and again from 3-3:35 P.M. IRF, 9.835 mcs.- noon-1 P.M., 1:37-2:14 P.M., 2:15-3:35 P.M. and 6-9 P.M.

"Radio Lahti, Finland"

OFD, 9.500 mcs.- 12:15-5 P.M. OFE, 11.780 mcs.- 1:05 A.M.-12:05 P.M. OIE, 15.490 mcs. 1:05 to 4 A.M., 9 A.M.-5 P.M. OIH, 17.800 mcs.- 4 -9 A.M. OII, 21.55 mcs. not in use.

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The British Short Wave Review states that the Rangoon, Burma, station on 6.007 mcs. verifies by card with the call XYZ and lists XZZ on 3.488 mcs. QRA- Director General, Posts and Telegraphs, Wireless Branch, Rangoon, Burma.

HIGH FREQUENCIES (EST) - By Earl R. Roberts

| Mcs.   | Call   | Location                                                                                                                                                                                                                                                                                                            |
|--------|--------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 18.100 | GAW    | Rugby, England, testing on channel A interfering very badly with a station on 18.09 thought to be TYE-1. (Charles Leboeuf, Mass.)                                                                                                                                                                                   |
| 17.840 | ----   | Radio Eireann, Ireland, received well by many listeners. Schedule seems to be from sign on hour, still not known, to 10 A.M., 12:30-4:30 P.M. Reports were requested. (Jimmy Hart, N.J.; Roger Legge, N.Z.; Leboeuf)                                                                                                |
| 15.330 | W6XBE  | San Francisco, Calif., with recorded program from 9-10 A.M. (Roberts)                                                                                                                                                                                                                                               |
| 15.230 | OLR5A  | Prague, Czechoslovakia, was heard with a genuine program from 7:00-7:20 A.M., 3/17, with call letters announced although a newscast reported all Czech stations suppressed by the Nazis. (Neville Seymour, Md.)                                                                                                     |
| 15.160 | JZK    | Tokyo, Japan, is again taking the 8-8:30 P.M. program instead of JLG3, 11.705 mcs. due to severe QRM from SBP on that channel. (Jimmy Hart)                                                                                                                                                                         |
| 15.120 | HVJ    | Vatican City, schedule for Sundays is 1-1:30 P.M., received R9. (Olthoff)                                                                                                                                                                                                                                           |
| 14.485 | HPF    | Panama City, heard contacting WNC, Hialeah, Fla., at 8:55 A.M. (Leboeuf)                                                                                                                                                                                                                                            |
| 14.010 | ----   | Radio Nacional, Salamanca, Spain, at 6 P.M., just above EA9AH. (Leboeuf)                                                                                                                                                                                                                                            |
| 12.220 | XMHA   | Shanghai, China, is heard R8 in New Zealand at 6 A.M. EST. (Alec Toms, N.Z.)                                                                                                                                                                                                                                        |
| 9.810  | CIH    | Halifax, Nova Scotia, operated by the Dominion Govt., received. (Hoxie, Me.)                                                                                                                                                                                                                                        |
| 9.520  | RV96   | Moscow, U.S.S.R., afternoon program ends at 6:52 P.M. (Olthoff, Kansas)                                                                                                                                                                                                                                             |
| 9.500  | XGOY   | Chungking, China, schedule is 6:25-8 A.M., heard with Oriental and march selections, news by man and lady and announces as "XGOY, XGOY." (Olthoff)                                                                                                                                                                  |
| 9.490  | KEI    | Bolinas, Calif., relays to Hawaii irregularly around 11:30 P.M. (Leboeuf)                                                                                                                                                                                                                                           |
| 9.355  | WNK    | Hialeah, Fla., contacted WOT, San Juan, P.R., at 7:50 P.M., 3/13. (Olthoff)                                                                                                                                                                                                                                         |
| 9.295  | HI2G   | Ciudad Trujillo, D.R., with news in Spanish at 9:12 P.M., R9. (Olthoff)                                                                                                                                                                                                                                             |
| 9.180  | HCLGQ  | Quito, Ecuador, signs off at 9:55 P.M. with good signal. (Olthoff)                                                                                                                                                                                                                                                  |
| 8.610  | YNLG   | Managua, Nicaragua, signs at 9:14 P.M. with "Good Night Melody." (Olthoff)                                                                                                                                                                                                                                          |
| 7.910  | VEG    | Ft. Smith, N.W.T., received in contact with VEL, Winnipeg, Manitoba, at 11:30 P.M. (F.H. Smith, Indiana) These are Dominion Government stations.                                                                                                                                                                    |
|        | VER    | Ottawa, Ontario, tested at 1:45 P.M. (Leboeuf)                                                                                                                                                                                                                                                                      |
| 7.460  | ----   | NEW stations of the Trans-Canada Airways at Toronto and Montreal heard in QSO at 10:20 P.M. with R9 signals. (Martin Olthoff)                                                                                                                                                                                       |
| 7.440  | ????   | Unidentified but powerful French language station heard R9 at 6:20 A.M. Static ruined the announcement. (Neville Seymour, Md.)                                                                                                                                                                                      |
| 7.380  | XECR   | Mexico City, signs in English at 7:00 P.M. Sundays. (Leboeuf)                                                                                                                                                                                                                                                       |
| 7.353  | FET-5  | Burgos, Spain, heard signing in English at 4:15 P.M. (Leboeuf)                                                                                                                                                                                                                                                      |
| 7.280  | TPB-11 | Paris Mondial, France, is the call given in latest lists from Paris. (Art Foerster) Heard from 10-10:20 P.M. with English announcements and R7 signal. (Eric Beegle, N.J.; H. Tucker, N.Y.)                                                                                                                         |
| 7.000  | EA9AH  | Tetuan, Spanish Morocco, signs on this frequency at 5:00 P.M. (Leboeuf)                                                                                                                                                                                                                                             |
| 6.425  | KFSM   | "Yankee Clipper" flying over New York heard at 4:15 P.M., 3/14. (Leboeuf)                                                                                                                                                                                                                                           |
| 6.189  | JLK    | Tokyo, Japan, R9 at 8:25 A.M., giving news in English with QRM from VIS, 6.190 mcs., a CW station in Sydney, N.S.W. (Olthoff)                                                                                                                                                                                       |
| 6.090  | ZNS    | NEW SW relay for ZNS, Nassau, Bahamas, 790 kcs., heard with English news at 9:40 P.M., 3/17, signing with "God Save the King" at 9:43 P.M. Frequency announced and reports requested. QRM from Mexican very bad. (E.R.R.)                                                                                           |
| 6.007  | ZRH    | Pretoria, South Africa, signs on at 11:45 P.M., news at midnight. (Olthoff)                                                                                                                                                                                                                                         |
| 5.780  | CIQ    | Quebec, Quebec, received. Is assigned 5.795 mcs. (Frank Hoxie, Maine)                                                                                                                                                                                                                                               |
| 5.040  | YV5RC  | "Radio Caracas," Caracas, Venezuela, will change to this frequency in the so called Tropical Band assigned Venezuela at the Cairo convention. Will transmit with 5 Kw., and the Director promises a program dedicated to the NNRC as soon as this frequency is in use. (YV5RC via Art Foerster)                     |
| 4.150  | ????   | Unidentified French speaking station heard calling the Normandie. (Leboeuf)                                                                                                                                                                                                                                         |
| 2.738  | HHYB   | Port au Prince, Haiti, Coastal Harbor station heard calling the Yacht WORE. (Leboeuf) Ships heard- WTAE, Yacht "Annette R" in contact with WNUI; KJOZ, Tug "Kashena" to KJSI; WNZV, Fishing Trawler "Alvira Gaspar" to KJOZ; KMVV, Pilot Boat "Maryland" at 6:15 P.M.; WNDZ, Ocean Tug "Russel 3" to WOX. (Leboeuf) |
| 2.698  | NRNL   | Charlevoix, Michigan, Coast Guard, gave this call for the first time at 7:15 P.M. Monomoy Point, Mass., in contact with "Coskata" on Nantucket                                                                                                                                                                      |

HIGH FREQUENCIES (EST) - Continued from page 5

| <u>Mcs.</u> | <u>Call</u> | <u>Location</u>                                                                                                 |
|-------------|-------------|-----------------------------------------------------------------------------------------------------------------|
|             |             | Island at 7:30 P.M. Oswego, N.Y., Coast Guard heard in contact with Galloo Island, N.Y., Coast Guard. (Leboeuf) |
| 2.670       | CG-131      | Coast Guard Boat received at 7:15 P.M. (Leboeuf)                                                                |
| 2.608       | CGF         | Canadian station worked the ship GMPC on 2.134 mcs., the ship also heard. (Leboeuf)                             |
| 2.522       | WAQ         | Ocean Gate, N.J., ship-to-shore station contacts ships on 2.126 mcs.                                            |
| 2.290       | CY2K        | Rimouski, Quebec, phoned CY2L, 2.030 mcs., Baie Comeau, Quebec, at 10:00 P.M. (Leboeuf)                         |

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W2XYR, Whiteface Mountain Meteorological Observatory, Nr. Wilmington, N.Y., has been granted use of 14.7975 and 8.655 mcs., 125 watts, for general experimental uses in reporting meteorological information to Government Departments.

The Dept. of Commerce bulletin lists the following stations handle overseas radio telephone calls in Japan. (1)- Nazaki sending station, Nazaki-mura, Yuki-gun, Ibaraki prefecture; (2)- Komuro receiving station, Komuro-mura, Kita Adachi-gun, Saitama prefecture; (3)- Chureki sending station, Chureki-gai, Chureki-gun, Shinchiku province, Taiwan; and (4)- Kannon receiving station, Kannonsho, Chureki-gun, Shinchiku province, Taiwan. Among these, stations (1) and (2) are operated by the Tokyo Central Telephone Office and handle radio telephone calls to and from Taihoku, Hsin-king, Manila, Batavia, San Francisco, London, Berlin, Shanghai, Bangkok, Buenos Aires, and Honolulu, as well as the ships "Chichibu Maru" and "Yasukuni Maru." Stations (3) and (4) are operated by the Taihoku Telephone Office and handle calls between Japan and proper and Taiwan.

Richard Daneke, Lansdale, Pa., heard a station between 6.070 and 6.100 mcs., 2/11, from 12:06-1:10 A.M. playing music with singing of a type heard from the India stations. The language was not identified but station identifications were made at 12:18-12:20, 12:36-12:38 and 1:10 A.M. as "Radio ----." Signal was R8-9 with some fading. Can anyone identify this one? (QRC reports Radio Tirana, Albania, testing on 6.085 mcs. from 8 P.M. to 1:15 A.M. on 2/10 and this may have been a similar test.) Reports should be addressed to Director of Posts & Telegraphs, Tirana, Albania. No, Carrl Weyrich does not monitor the HRN programs any more, Richard.

Roger Logge advises that the Italian Imperial Short Wave Center now has 8 complete transmitters. One of 50 kw. operates on 6 frequencies between 14 and 50 meters; two 100 kw. transmitters use 2 frequencies between 25 and 50 meters; two 50 kw. transmitters operate between 15 and 25 meters; three 1 kw. transmitters on fixed frequencies are mainly for experimental purposes. There are 14 antenna towers, 240 and 300 feet high, supporting 11 directional arrays.

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PARIS - MONDIAL

TPA-4, 11.718 mcs., 9:30 P.M.- midnight for America. TPB-7, 11.885 mcs., 9:30 P.M.- midnight to North and Central America. TPA-3, 11.885 mcs., 2-5 A.M. for Africa. TPB-6, 15.130 mcs., 2-5 A.M. for Africa. TPA-2, 15.243 mcs., 6-11 A.M. for the Far East. TPB-3, 17.850 mcs., 9:30-11 A.M. for the Far East. TPA-3, 11.885 mcs., 11:15 A.M.-6 P.M. for Africa. TPB-11, 7.280 mcs., 11:15 A.M.-6 P.M. for Africa. TPA-4, 11.718 mcs., 7-9:15 P.M. and TPB-7, 11.885 mcs., 7-9:15 P.M. for South America.

HIGH FREQUENCIES (EST) - By Earl R. Roberts

| <u>Mos.</u>  | <u>Call</u> | <u>Location</u>                                                                                                                                                                                                                                                                                                                |
|--------------|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 26.100 ----  |             | NEW high frequency broadcast station to relay WHB, Kansas City, Mo., Power 100 watts. (FCC)                                                                                                                                                                                                                                    |
| 17.785 JZL   |             | Tokyo, Japan, according to announcements over JZK, will start transmitting the 8:00-8:30 P.M. programs to North America. (Jimmy Hart, N.J.)                                                                                                                                                                                    |
| 15.150 YDC   |             | Bandoeng, Java; PLP, 11.00; PMN, 10.26; and VPD2, 9.535 mcs., are all coming in very well now from 6:30-7:30 A.M. (Jimmy Hart)                                                                                                                                                                                                 |
| 11.870 XGOY  |             | Kunming, Yunnan Province, China, changed from 9.500 mcs., is being received R9 between 5:50-8:30 A.M. A lady announces the call every 15 minutes on the hour, half hour, and quarter hour. Programs sometimes feature Hawaiian music with songs that are easily identified for verification purposes. (Hart; Roberts, Indiana) |
| 11.840 OLR4A |             | Prague, Czechoslovakia, still broadcasting separate programs from the German stations. A letter card from Jimmy Hart advised that the call DJP is being used on this frequency and that DJZ, 11.801 mcs., has been discontinued on the 4:50-10:50 P.M. American programs. (Hart)                                               |
| 11.705 JLG3  |             | Tokyo, Japan, is now being heard on the 8 A.M. transmissions together with JZJ, 11.800 mcs., and JLP; 6.190 mcs. (Hart)                                                                                                                                                                                                        |
| 9.925 JDY    |             | Dairen, Kwantung Leased Territory, verifies with a very attractive card in 4 colors. Schedule- 7-7:45 A.M., music and news in Japanese and Manchus. 7:45-8 A.M., news in English. (Roberts)                                                                                                                                    |
| 9.690 LRA-1  |             | Buenos Aires, Argentina, schedule:- Saturdays, Sundays, and holidays 7-9 P.M., other days 6-9 P.M. (LRA via Art Foerster, Indiana)                                                                                                                                                                                             |
| 9.520 OZF    |             | Skamlebak, Denmark, heard from 10-11 P.M. with man talking in Danish, signing at 11 with the National Anthem. Fine signal. (Sergio Gonzalez, Cuba)                                                                                                                                                                             |
| 9.490 XGOY   |             | Kunming, China, heard 3/20 before the change to 11.870 mcs., with the announcement at 5:58 A.M. that "--for this program XGOY will be used instead of the call XTV--." (Jimmy Hart)                                                                                                                                            |
| 7.390 ZLT-2  |             | Wellington, New Zealand, received R9 at 5:50 A.M. phoning in clear speech. (Roberts)                                                                                                                                                                                                                                           |
| 6.080 XEQQ   |             | NEW relay for XEQ, Mexico City, heard 3/28, at 9:30 P.M. with fine signal in the clear. (Roberts)                                                                                                                                                                                                                              |

SPECIAL PROGRAM

KENNETH D. MOREY, Easthampton, Mass., advises that Polskie Radio will transmit another special program for America on Saturday, April 15, 8:10-9 P.M. EST. The following stations will participate: SPW, 13.635 mcs.; SPD, 11.535 mcs.; SP19, 15.12 mcs.; and SP25, 11.74 mcs. It is hoped that this program will come through as the one on February 11 was evidently not heard. Any member that did hear the program and failed to report it, please write Kenneth at 11 Lawndale St. Having read in recent issues that some of the members verify police stations, Kenneth is anxious to learn the proper procedure to obtain best results... How about it, Carroll?.....

SCHEDULESSouth African Broadcasting Corporation

P. O. Box 4559 - Johannesburg - S. Africa

ZRH, 6.007 mcs., 5 Kw., Roberts Heights (near Pretoria)- 11:45 P.M.-12:50 A.M.; 9:30 A.M.-3:30 P.M. weekdays and Saturdays. 9 A.M.-noon, 12:15-3:15 P.M. Sundays.

ZRG, 9.523 mcs., 5 Kw., Roberts Heights - 5-7:30 A.M. weekdays and Saturdays. 5:30-7 A.M. Sundays. (Note the new call letters assigned to the 31 meter stations.)

ZRL, 9.606 mcs., 5 Kw., Klipheuval (near Capetown)- 11:45 P.M.- 12:50 A.M., 3:20-7:20 A.M., 9-11:45 A.M. weekdays and Saturdays. 3:30-4:30 A.M., 5:30-7 A.M., 9-11:45 A.M. Sundays.

ZRK, 6.0975 mcs., 5 Kw., Klipheuval- noon-4 P.M., weekdays and Saturdays. Noon to 3:20 P.M. Sundays.

ZRJ, 6.0975 mcs., 200 watts, near Johannesburg- 11:45 P.M.-12:50 A.M., 3:15-7:30 A.M., 9-11:30 A.M. weekdays. Saturdays the same except the period 8:30-11:30 A.M.

HIGH FREQUENCIES (EST) - Continued from page 5

ZRJ (continued)- 3:30-4:30 A.M., 5:30-7 and 9-11:30 A.M., Sundays.

ZRO, 9.7529 mcs., 300 watts, Durban - 11:45 P.M.-12:50 A.M., 3:30-7:30 A.M., 9-11:45 A.M., weekdays and Saturdays. 5:30-7 A.M., 9-11:30 A.M. Sundays. In addition to the above ZRO transmits from 9-10 A.M. GMT or 4-5 A.M. EST the third Sunday each month.

ZTD, 4.8764 mcs., 300 watts, Durban - Noon-3:45 P.M. weekdays, to 4 P.M. Saturdays. Noon to 3:20 P.M. Sundays.

BERLIN

North America: DJL, 15.11, 8-9 A.M. DJB, 15.20, DJD, 11.77, and DJZ, 11.801 mcs., 4:50 to 10:50 P.M. DJB from 11:10 A.M.-12:25 P.M. Sundays only.

Asia: DJB, 15.20, DJN, 9.54, and DJQ, 15.28 mcs., 12:05-11 A.M. DJE, 17.76, 12:05-6:50 A.M. DJS, 21.45 and DJH, 17.845, 12:05-8:50 A.M. DJE from 9 A.M. to noon and DJH from 10:15 A.M. to noon.

Africa: DJL, 15.11, 12:05-2 A.M. DJL and DJX, 9.675 mcs., 10:40 A.M.-4:25 P.M. DJD and DJC, 6.020 mcs., 11:30 A.M. to 4:25 P.M.

South America: DJE, 17.76, 6-7:50 A.M., 4:50-10:50 P.M., 11:10 A.M.-12:25 P.M. (Sundays only). DJN, 9.54, 4:50-10:50 P.M. DJQ, 15.28 mcs. 4:50 P.M.-10:50 P.M.

Central America: DJH, 17.845 mcs., 8-9 A.M. DJR, 15.34, 4:50-10:50 P.M. DJA, 9.56 mcs. 6:30-10:50 P.M.

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While listening to an excellent band concert from Guatemala City, the announcer mentioned that TGWC was relaying the program on 2.320 mcs. Tuning to that frequency just below the police band, we heard the same band concert over TGWC with an R7 signal but considerable interference from local static. This was at 10:50 P.M.

HIGH FREQUENCIES (EST) - By Earl R. Roberts

| <u>Mcs.</u> | <u>Call</u> | <u>Location</u>                                                                                                                                                                                                                                                                                                                                                                                       |
|-------------|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 15.240      | CR7BB       | Lourenco Marques, Mozambique, heard testing on this frequency from 1 to 4 P.M. requesting reports addressed to Caixa Postal 594. (QRC)                                                                                                                                                                                                                                                                |
| 14.935      | PSE         | Rio de Janeiro, Brazil, is now on daily 6-7 P.M. according to their closing announcements. (Jimmy Hart, N.J.)                                                                                                                                                                                                                                                                                         |
| 11.900      | XGOY        | Chungking (?), relaying XGO1, with lady announcer at 7-8 A.M. The location still appears to be rather uncertain and the writer has never yet heard any mention of it made in announcements. (Jake Field, Calif., Tom Denny, Indiana.)                                                                                                                                                                 |
| 11.800      | JZJ         | Tokyo, used 8 chimes at 1:30 A.M. to conclude an English program. (Field)                                                                                                                                                                                                                                                                                                                             |
| 10.715      | ---         | Oslo, Norway, heard on this new frequency giving address as Norwegian State Broadcast, Oslo. (Dick Daneker, Pa.)                                                                                                                                                                                                                                                                                      |
| 10.530      | JIB         | Taihoku, Taiwan, used 8 bells at 10 A.M. with station call at sign off. (Jake Field, California)                                                                                                                                                                                                                                                                                                      |
| 9.790       | GCW         | Rugby, England, heard phoning at 6:40 P.M. (Tom Denny)                                                                                                                                                                                                                                                                                                                                                |
| 9.770       | HH3W        | Port-au-Prince, Haiti, shifted from 9.645 mcs., heard at 7:10 P.M. (Denny)                                                                                                                                                                                                                                                                                                                            |
| 9.700       | TIPG        | "La Voz de la Victor", San Jose, Costa Rica, shifted frequency from 6.41 mcs., and is well heard on the high frequency side of Radio Martinique around 7-10 P.M. Gongs used as interval signal. (Denny, Roberts)                                                                                                                                                                                      |
| 9.568       | CXA2        | "Radio Continental", Montevideo, Uruguay, is believed to be the station received almost under WLXX evenings. (Roberts) According to QRC, CXA2 has operated on 9.570 mcs. since February 1 with 5 Kw. power.                                                                                                                                                                                           |
| 9.566       | OAX4T       | Lima, Peru, is heard in the Canal Zone at 1:30 P.M. (R.B. Oxrieder, C.Z.)                                                                                                                                                                                                                                                                                                                             |
| 9.530       | W6XBE       | Treasure Island, San Francisco, Calif., was on for the first program on this frequency, 3/28. They announced this program for Asia and signed at 10 A.M. This will be a daily program. (Jake Field, Tom Denny)                                                                                                                                                                                        |
| 9.125       | HAT4        | Budapest, Hungary, now broadcasting English news at 7:30 P.M. Sundays, possibly daily. (Roberts)                                                                                                                                                                                                                                                                                                      |
| 8.830       | COOQ        | Havana, Cuba, was used to contact a W4, 3/14, at 2:37 A.M. (Jake Field)                                                                                                                                                                                                                                                                                                                               |
| 8.560       | WCO         | Ocean Gate, N.J., in contact with GMBJ, the S.S. Empress of Britain, 3/4, at 10:58 P.M. (Field)                                                                                                                                                                                                                                                                                                       |
| 7.610       | YV1CB       | Maracaibo, Venezuela, R9, at 6:40 P.M., 4/2, while phoning in Spanish to several other stations. (Roberts)                                                                                                                                                                                                                                                                                            |
| 7.231       | ----        | Radio Nacional, Madrid, Spain, heard evenings. Notice that the station is now in Madrid instead of Salamanca. (R. B. Oxrieder, Canal Zone)                                                                                                                                                                                                                                                            |
| 7.010       | XPSA        | Kweiyang, Kweichow Province, China, was logged at 5:40 A.M., R4-6, with some QRM from PK6XX in New Guinea. (Tom Denny, Indiana)                                                                                                                                                                                                                                                                       |
| 6:600       | HI6H        | Trujillo City, D. R., is again on the air near this frequency. (Oxrieder)                                                                                                                                                                                                                                                                                                                             |
| 6.388       | HI9B        | Santiago, D.R., has shifted to this frequency lately. (Oxrieder)                                                                                                                                                                                                                                                                                                                                      |
| 6.165       | TILS        | San Jose, Costa Rica, is also heard on about 5.280 mcs., which may be a harmonic from the BCB station. (Oxrieder)                                                                                                                                                                                                                                                                                     |
| 6.150       | ----        | A Japanese station announced as "JVD and JVT, the Voice of the Pacific in Tokyo" and signed with Ted Lewis "Goodnight" melody, and 8 chimes at 9:30 A.M., 3/24. (Jake Field)                                                                                                                                                                                                                          |
| 6.090       | HJ6ABB      | "Radio Manizales", Manizales, Colombia, is well heard around 9:40 P.M., and is still using the old call letters. (Roberts)                                                                                                                                                                                                                                                                            |
| 6.065       | HH2S        | Port-au-Prince, Haiti, shifted frequency from 5.95 mcs., heard 3/29. The West Indian Broadcasting Company presents a program for English speaking listeners over HH2S each Wednesday at 8:30-10:15 P.M. The theme song opening the broadcast is "Fair Rosemary" by Kreisler. Reports should be addressed to: The West Indian Broadcasting Co., P.O. Box 146-B, Port-au-Prince, Haiti. (Roberts, HH2S) |
| 5.885       | HCK         | No location given, reported broadcasting again. (Oxrieder)                                                                                                                                                                                                                                                                                                                                            |
| 5.040       | YV5RB       | or YV5RV, "Radio Caracas", now heard on this new frequency, having shifted from 5.97 mcs. and changed call from YV5RC. Logged 4/3 at the sign off 10:28 P.M. (Roberts)                                                                                                                                                                                                                                |

HIGH FREQUENCIES (EST) - Continued from page 5.

| <u>Mcs.</u> | <u>Call</u> | <u>Location</u>                                                                                                                                                                          |
|-------------|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 5.018       | YV4RQ       | Puerto Cabello, Venezuela, is a new station heard evenings with a harmonic at double this frequency, 10.036 mcs. (R. B. Oxrieder, Canal Zone)                                            |
| 5.000       | WWV         | Washington, D.C., Bureau of Standards, transmits nightly with a 440 cycle note (A above middle C on the piano) with announcements every 15 minutes. Is ideal for frequency calibrations. |
| 4.902       | HJLABG      | Barranquilla, Colombia, now on this frequency having shifted from 4.935 mcs. after a few days test on that frequency. (Oxrieder)                                                         |
| 4.772       | HJ7GAB      | "Radio Santander", Bucaramanga, Colombia, has finally started using the new call. (Oxrieder)                                                                                             |
| 3.410       | WRD         | Scotland Light Station in contact with WWCR and WWAD at 8:40 P.M. WWCR and WWAD have schedules at 4:30, 6:30, and 8:30 P.M. QRA's are wanted.                                            |
|             | WWHJ        | Lighthouse Tender "Lilac" heard in contact with the Delawater Breakwater Station at Fourteen Foot Bank, 8:47 P.M. (Roberts)                                                              |
| 2.320       | TGWC        | NEW relay for TGW is heard around 10 P.M. with fair signal. (Roberts)                                                                                                                    |

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Gray Radio Co., West Palm Beach, Florida, has been granted permit for a general experimental station to be used for research in the development of radio equipment, frequencies 1.614, 3.4925, 4.7975, 6.425, 8.655, 12.8625, and 17.310 mcs. with 50 watts. (FOC)

From the Minister of Colonies, Paris, France, Arthur Foerster received a list of broadcasting stations as follows:

INDO-CHINA: Saigon, 19 rue Mayer, owner M. Robert Michel, 25 watts, 9.525 mcs., (31.50 meters).... Saigon, 2<sup>e</sup> rue Catinat, owner Ets Boy Landry, 150 watts, 1205 kcs. (248.8 meters), 6.040 mcs. (49.67 m), and 11.830 mcs. (25.36 m).... Hanoi, 82 rue Jules Ferry, owner Radio Club de l'Indo-Chine, 50 watts, 6.025 mcs. (49.80 m), 9.480 mcs. (31.65 m), 11.900 mcs. (25.21 m).... Hanoi, 20 rue du village du papier, owner Radio Club de l'Indo-Chine, 150 watts, 6.060 mcs. (49.50 m), 9.540 mcs. (31.45 m), 11.860 mcs. (25.30 m).... Haiphong, 14 rue Francis Garnier, owner Radio Club de l'Indo-Chine, 50 watts, 6.146 mcs. (48.80 m), 9.585 mcs. (31.30 m), 11.720 mcs. (25.60 m).....

MARTINIQUE: Fort de France, Owner Boullanger Edouard Fils, "Radio Fort-de-France", 5 kw., 1500 kcs. (200 meters), 9.618 mcs. (31.20 m).... Fort de France, owner Sery Victor, "Radio Martinique", 20 kw., 6.144 mcs. (48.82 m), 9.710 mcs. (30.93 m).....

NEW CALEDONIA: Noumea, 44 rue de l'Alma, owner Charles Gaveau, FK8AA, 20 watts, 6.122 mcs. (49 meters).....

ST. PIERRE & MIQUELON: St. Pierre, owner Radio St. Pierre, FQN, 250 watts, 648 kcs. (461.5 meters), 600 kcs. (500 m), 848 kcs. (352.9 m).....

MADAGASCAR: Tananarive (Tsaralalana), owner Radio Tananarive, 500 watts, 6.000 mcs. (50m)

LA REUNION: St. Denis (Reunion), owner Radio St. Denis, FIS, 160 watts, 616 kcs. (486.2m)

HIGH FREQUENCIES (EST) - By Earl R. Roberts

| <u>Mcs.</u> | <u>Call</u> | <u>Location</u>                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-------------|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 17.845      | DJH         | Berlin, now broadcasting Sundays at 8 A.M. in parallel with DJL, 15.11 mcs. (Carroll Weyrich, Md.)                                                                                                                                                                                                                                                                                                                                         |
| 17.820      | I2RC8       | Rome, Italy, heard as late as 7:00 P.M. (Carroll Weyrich)                                                                                                                                                                                                                                                                                                                                                                                  |
| 17.785      | JZL         | Tokyo, Japan, now broadcasting to North America 8:00-8:30 P.M. (Weyrich)                                                                                                                                                                                                                                                                                                                                                                   |
| 15.370      | HAS3        | Budapest, Hungary, is operating only for New Zealand on Sundays from 9:00-10:00 A.M. (Roberts)                                                                                                                                                                                                                                                                                                                                             |
| 15.170      | LKV         | Oslo, Norway, with very powerful carrier, 8:10-8:30 A.M., news in Norwegian, music, and call "LKV Oslo, Norway." Church bells could be heard striking the time at 8:30 A.M. (Neville Seymour, Md.)                                                                                                                                                                                                                                         |
| 15.120      | CSW4        | Lisbon, Portugal, received at 8:05 A.M. with man speaking in Portuguese, three gongs as interval signal, and classical music. (Roberts, Indiana)                                                                                                                                                                                                                                                                                           |
| 15.100      | I2RO12      | Rome, Italy, NEW transmitter, logged with R8 signal, Sunday, 4/9, at 8:03 A.M., with news in Italian. (Roberts)                                                                                                                                                                                                                                                                                                                            |
| 14.470      | WDO         | Ocean Gate, New Jersey, signed on the air at 1:24 P.M. (Martin Olthoff)                                                                                                                                                                                                                                                                                                                                                                    |
| 11.900      | XGOY        | Location still uncertain, received 4/5 at 6:20-8 A.M., R8, with call given three times. Program consisted of Chinese and English musical selections and news items. (Neville Seymour)                                                                                                                                                                                                                                                      |
| 11.730      | WLXAR       | Boston, Mass., with Worldwide News at 6:01 P.M. (Olthoff, Kansas)                                                                                                                                                                                                                                                                                                                                                                          |
| 11.721      | ZP14        | Villarica, Paraguay, heard two consecutive Tuesdays with fine program of Spanish music, signing at 7:58 P.M., R9. (Roberts)                                                                                                                                                                                                                                                                                                                |
| 10.200      | VXZW        | Call uncertain, located with an Expedition in the North and going to start regular evening schedule this week, operating on 5.795 and 10.100 mcs. (actually heard nearer 10.200). At the time heard, 9:40-10:19 A.M. they were using their last 865 tube, and were in contact with both the USA and Canada. Signal R9, QSA5, but call given so fast it was almost impossible to understand it. Does anyone have the QRA? (D. Thomas, Ohio) |
| 9.7529      | ZRO         | Durban, South Africa, amended schedule: weekdays 11:45 P.M.-12:50 A.M.; 3:30-7:30 A.M.; 9-12:30 P.M. Sundays 5:30-7 A.M.; 9 A.M.-12:30 P.M. Saturdays same as weekdays. The 3rd Sunday of each month, 4-5 A.M., in addition to the above. Power 300 watts. (SABC)                                                                                                                                                                          |
| 9.606       | ZRL         | Capetown, South Africa, heard signing on at 11:45 P.M. with health exercises. (Martin Olthoff)                                                                                                                                                                                                                                                                                                                                             |
| 9.550       | XEFT        | Veracruz, Mexico, at 11:30 P.M., with NBC gongs. (Roberts)                                                                                                                                                                                                                                                                                                                                                                                 |
| 9.535       | JZI         | Tokyo, Japan, logged at 7:02 A.M. with news in Japanese. (Olthoff)                                                                                                                                                                                                                                                                                                                                                                         |
| 9.180       | HC2ET       | Guayaquil, Ecuador, call not certain, received at 9 P.M. R7. (Roberts)                                                                                                                                                                                                                                                                                                                                                                     |
| 6.315       | HI1Z        | Ciudad Trujillo, D.R., relays HI2 and HI1Z, changed call from HI2. Signs off with a march at 10:22 P.M., R9 plus. (Olthoff)                                                                                                                                                                                                                                                                                                                |
| 6.1475      | ZTD         | Durban, South Africa, amended schedule: weekdays 12:40-3:45 P.M., Saturdays to 4 P.M., Sundays 12:40-3:40 P.M., 300 watts. (SABC)                                                                                                                                                                                                                                                                                                          |
| 6.090       | XEBN        | Mexico City, NEW relay for XEFO, received from 10:47 to sign off at 11 P.M. with "A Broken Heart", an old Mexican waltz. (Neville Seymour)                                                                                                                                                                                                                                                                                                 |
| 6.080       | XEQQ        | Mexico City, R9, at 10:31 P.M. with news in Spanish. (Olthoff)                                                                                                                                                                                                                                                                                                                                                                             |
| 6.000       | ----        | Chungking, China, R9, QSA2, with news in English at 6:47 A.M. (Olthoff)                                                                                                                                                                                                                                                                                                                                                                    |
| 5.040       | YV5RC       | Caracas, Venezuela, "Radio Caracas" now on this frequency relaying YV5RA at 9:05 P.M. (Olthoff)                                                                                                                                                                                                                                                                                                                                            |
| 5.000       | WWV         | Washington, D.C., Dept. of Commerce, National Bureau of Standards, on 24 hours daily, verifies free of charge with plain card, black call. (George Jacobs, Ohio)                                                                                                                                                                                                                                                                           |
| 4.920       | VUM2        | Madras, India, R9 at 7:35 A.M. with news in Hindustani. (Olthoff)                                                                                                                                                                                                                                                                                                                                                                          |
| 2.320       | TGWC        | Guatemala City, heard broadcasting marimba music at 11 P.M. (Weyrich)                                                                                                                                                                                                                                                                                                                                                                      |

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## Rome Schedules for April

2RO4, 11.810 mcs., 4:30 A.M.-2:30 P.M., 6-9 P.M. 2RO3, 9.635 mcs., 12:07-9 P.M.  
 2RO6, 15.300 mcs., 10 A.M.-12:06 P.M., 1:38-2:30 P.M., 3-5:30 P.M., and 6-9 P.M.  
 2RO8, 17.820 mcs., 4:30-7:25 A.M. 2RO9, 9.670 mcs., 12:40-6:30 P.M. IQA, 14.795 mcs., 4:30-5 A.M. IQY, 11.673 mcs., 5:20-5:40 A.M., 12:07-12:56 P.M., 1:50-2:30 P.M.  
 IRF, 9.830 mcs., 5:20-5:40 A.M., noon-1 P.M., 1:50-2:30 P.M., 6-9 P.M. ICA, 6.355 mcs., 2:15-2:59 P.M.

HIGH FREQUENCIES (EST) - Continued from page 5.

W2XAF, Schenectady, N.Y., has been granted permission to use 100 kw. power on 6.190, 9.530, and 21.590 mcs. on an experimental basis conditionally. K7XFR, Alaska Aeronautics and Communications Commission, Ketchikan, Alaska, and K7XGG, operated by the same company at Cordova, Alaska, have been granted experimental licenses to operate on 3.350, 3.400, 4.055, and 8.110 mcs., 150 watts, for transmission of messages relating to aircraft movements and for the purpose of collecting and disseminating meteorological information in Alaska. (FCC)

George Jacobs, Cincinnati, advises us that stations OAX4J and OAX4I, Lima, Peru, wish to place a new station on the 49 meter band and are asking DXers to help locate the most appropriate frequency. They are particularly interested in the 6.220-6.443, and 6.533-6.583 mcs. regions. Listeners are asked to observe the amount of interference on or near the above frequencies and to report their findings to Mr. Antonio Vasquez P. (manager of the stations), Radio International, Casilla #1166, Lima, Peru.

Jimmy Hart, Newark, N.J., identified the French speaking station on 7.440 mcs. recently reported by Neville Seymour as Radio Guadeloupe. This station now broadcasts a morning program as well as evening. Tune in at 7 P.M. for English announcements.

HIGH FREQUENCIES (EST) - By Earl R. Roberts

| <u>Mcs.</u> | <u>Call</u> | <u>Location</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|-------------|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 26.150      | W9XUP       | St. Paul, Minnesota, was heard R9 at midnight during a magnetic storm when the 10 meter band also opened for short skips. (M.W. Soplop, N.Y.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 17.790      | XGOX        | Chungking, China, now on this approximate frequency. Schedule seems to be 9:30-11:30 P.M. Program consists of news in English and musical numbers. (Stuart Walmsley, Calif.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 14.935      | PSE         | Rio de Janeiro, Brazil, same program as PSH, signed at 6:58 P.M. (Roberts)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 11.710      | XGRV        | China, thought to be the Oriental heard mornings with lady announcer. (Bireley Ross, Texas; Roberts, Indiana)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 10.980      | ZLT         | Wellington, New Zealand, phoned the T.S.S. Awatea, ZMBJ, in clear speech at 1:08 A.M., R8 signal. (Roberts)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 9.752       | ZRO         | Durban, South Africa, received at 12:04 A.M. with same program as ZRL, 9.610 mcs., signal only R5. (Roberts)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 9.490       | KZIB        | Manila, Philippine Islands, verified by letter signed by Al. L. Naftaly, Studio Manager. Postoffice Box is #440. They advised that shortly they will broadcast simultaneously on two frequencies, the second not yet decided upon. (Mrs. Mary Page, Oklahoma)                                                                                                                                                                                                                                                                                                                                                                                          |
| 9.390       | OAX5C       | Ica, Peru, is received well around 10:30 P.M. and frequently plays popular recordings by the Mills Brothers quartet. (Roberts)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 9.125       | HC2CW       | Guayaquil, Ecuador, has shifted slightly to this lower frequency.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 9.060       | CHX         | Toronto, Ontario, operated by the Hydro-Electric Commission of Ontario, received several mornings 9:45-10:15 A.M. in contact with another company station near Hudson Bay operating on 10.230 kcs. Both stations R9. Mentioned that other transmitters were now in operation in Timmons, Ontario, and Frederickhouse Dam, Ontario, on 5.795 mcs. These two stations keep daily schedule at 2 P.M., and can hear the Hudson station and the station at the camp (possibly a portable) during daylight hours. The Hudson station mentioned that the ice would be breaking up soon. These are no doubt the same stations heard by David Thomas. (Roberts) |
| 6.090       | ZNS         | Nassau, Bahamas, verified promptly by form letter signed by K.P. Brown, Secretary of Broadcasting. The call letters ZNS will be used for SW as well as the BCB station. Power on SW is 200 watts, 6.090 mcs., BCB is 1000 watts, 790 kcs. SW schedule is the same as the BCB: 1:30-2:00 P.M., and 8-9 P.M. EST. Since the SW station has only been operating a few weeks, they are very keen to receive further reports. Address: ZNS, Director of Telecommunications, East Street, Nassau, Bahamas, B.W.I. (ERR)                                                                                                                                      |
| 6.007       | ZRH         | Pretoria, South Africa, R8, at midnight with news and same program as ZRL.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

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The Yellow Band Gold Mines, Inc., Seattle, Washington, have been granted permits to operate KKAA and KKAB for point-to-point telephone on 3092.5, 2566, and 2450 kcs., 25 watts.

HIGH FREQUENCIES (EST) - By Earl R. Roberts

| <u>Mcs.</u> | <u>Call</u> | <u>Location</u>                                                                                                                                                                                                                                                                                                                                                                                                              |
|-------------|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 17.840      | ----        | "Radio Eireann," Athlone, Ireland, schedule: 8:30-10 A.M., daily, and alternate afternoons on 17.84 and 9.595 mcs., from 12:30-4:30 P.M. Verifies by letter from Office of the Engineer-in-Chief, Dept. of Posts and Telegraphs, The Castle, Dublin. (James Burton, Quebec; Roger Legge, N.Y.; Richard Daneker, Pa.)                                                                                                         |
| 15.330      | W6XBE       | Treasure Island, San Francisco Bay, Calif., transmits news in Spanish and English daily at 8 P.M. (Roberts)                                                                                                                                                                                                                                                                                                                  |
| 15.195      | TAQ         | Ankara, Turkey, schedule: 5:30-7 A.M., 20 Kw. power. Verifies by mimeographed letter advising that cards will be sent later. Signs off with the Turkish National Anthem, announces in Turkish, English, French, and German. Interval signal is a 400 cycle frequency note. Address reports to: Correspondence Dept., Radio Ankara, Ankara, Turkey. (Bireley Ross, Texas; Neville Seymour, Md.)                               |
| 15.170      | LKV         | Oslo, Norway, schedule: 6:40-10 A.M. (Dick Daneker)                                                                                                                                                                                                                                                                                                                                                                          |
| 13.970      | EA1BP       | Santiago, Spain, amateur station, heard R8 nightly from 7-8 P.M. with announcements and news in Spanish. (Barney Ahman, Md.)                                                                                                                                                                                                                                                                                                 |
| 13.900      | YN3DG       | Leon, Nicaragua, will broadcast a special DX program every Saturday night starting at 10 P.M. A very special DX program will be broadcast on May 14 starting at 1 A.M. Special verifications will be issued for this one program, an initial Spatari broadcast. Other reports will be verified by regular station card. Enclose 10¢ for reply as IRC's are no good in Nicaragua. (WDXA and GCDXC via Erick R. Johnson, N.J.) |
| 12.200      | ----        | An experimental station operated by Polytechnic College, Bucharest, Roumania, on announced wave of 24.57 meters, heard daily 2-3 P.M. with announcements in English, French, etc. by a man. (BSWR)                                                                                                                                                                                                                           |
| 11.880      | VLR3        | Melbourne, Australia, signs at 3 A.M. ending program which is usually heard under heavy CW QRM. (Martin Olthoff, Kansas)                                                                                                                                                                                                                                                                                                     |
| 11.772      | ----        | Klipheval, South Africa, heard at 11:45 P.M. with physical exercises, QSA3, R6, 4/26. ZRL, 9.606 mcs., not heard. At 9 P.M. PST, a clock struck 7 A.M. South African time. (Stephen D. Warring, Calif.)                                                                                                                                                                                                                      |
| 11.735      | LKQ         | Oslo, Norway, schedule: 2-6:40 A.M., 10 A.M.-3 P.M. (Dick Daneker)                                                                                                                                                                                                                                                                                                                                                           |
| 11.710      | RIA         | Moscow, USSR, transmits daily from 3:30-4 P.M. (IDA)                                                                                                                                                                                                                                                                                                                                                                         |
| 10.715      | LKJ1        | Jeloy, Norway, 5 Kw., verified a test program of 2/27/39 with very attractive postcard. Address: Norwegian State Broadcast, Oslo, Norway. (Dick Daneker)                                                                                                                                                                                                                                                                     |
| 10.430      | TYE3        | Paris, France, phoned WDO, New York, at 3:25-3:40 P.M., R9. (Roberts, Ind.)                                                                                                                                                                                                                                                                                                                                                  |
| 9.690       | HMF         | Baghdad, Iraq, has shifted frequency from 30.5 meters to 30.96 meters, (9.690 mcs.) where it is heard to 3 P.M. with English announcements. Reports may be addressed to: Qasr-el-Zahoor Broadcasting Station, Baghdad, Iraq. (BSWR)                                                                                                                                                                                          |
| 9.610       | LLG         | Oslo, Norway, schedule: 3-6 P.M. (Dick Daneker)                                                                                                                                                                                                                                                                                                                                                                              |
| 9.590       | VK2ME       | Sydney, Australia, verifies with very pretty card, yellow call on white, with outline map of Australia and picture of the Kookaburra bird. (Daneker)                                                                                                                                                                                                                                                                         |
| 9.465       | TAP         | Ankara, Turkey, schedule: 11:30 A.M.-5 P.M., 20 Kw. power, verifies by letter and promises QSL cards later. (Bireley Ross, Neville Seymour)                                                                                                                                                                                                                                                                                  |
| 9.200       | ZMEF        | Sunday Island, contacts ZIL5, Wellington, N.Z., 1:45-2:15 A.M., irregularly. (IDA)                                                                                                                                                                                                                                                                                                                                           |
| 9.163       | HC1GQ       | Quito, Ecuador, 150 watts, schedule: 8:30-10:30 P.M., opens and closes with Blue Danube waltz. Slogan of station is "Nariz del Diablo" or "Devil's Nose." Folder veri card shows picture of a Red Devil. (Daneker)                                                                                                                                                                                                           |
| 8.870       | ----        | An Italian speaking station mentioning Asmara, Eritrea, heard signing with Italian anthems at 2:45 P.M. (BSWR)                                                                                                                                                                                                                                                                                                               |
| 8.660       | VOWQ        | Labrador, heard with weather reports to CZ5M at 3:30-3:45 P.M. (BSWR)                                                                                                                                                                                                                                                                                                                                                        |
| 8.100       | KF6DHW      | Canton Island, heard once requesting reports to be addressed to KF6DHW, Canton Island, Phoenix Group, South Pacific Ocean. (Alec Toms, N.Z.)                                                                                                                                                                                                                                                                                 |
|             | KF6PMO      | Phoenix Islands, new station, heard R9 at 3:07 A.M. in QSO with K6QIU, Honolulu, signed off at 4:03 A.M. (Martin Olthoff)                                                                                                                                                                                                                                                                                                    |

HIGH FREQUENCIES (EST) - Continued from page 5.

| <u>Mcs.</u> | <u>Call</u> | <u>Location</u>                                                                                                                                                                                                                                                                                                                   |
|-------------|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 7.570       | FZE9        | Djibouti, French Somaliland, operates daily from 9 A.M.-4 P.M.)BSWR)                                                                                                                                                                                                                                                              |
| 7.445       | ----        | Radio Guadeloupe verified with white card with red and blue stripe running diagonally, "Radio Guadeloupe" in small black letters at top. No call given. Power 110 watts. Also enclosed a photo of native girl. (Roger Legge, Roberts)                                                                                             |
| 7.221       | HAAT2       | Budapest, Hungary, heard R7-8, but usually with CW QRM, from 9:30-11:30 P.M. Announces often in several languages, requesting reports to be sent to Radio Labor, Budapest. (Roger Legge)                                                                                                                                          |
| 6.255       | CP12        | "Radio Fides", La Paz, Bolivia, 250 watts, now transmitting from 7-8 A.M. 11 A.M.-noon, and 7-9 P.M. Owned and operated by a Jesuit School, the stations verifies with the amateur card of CPLAA for the time being. Interval signal of the chimes G E G. Address: Observatorio San Calixto, P.O. Box 283, La Paz, Bolivia. (QRC) |
| 6.130       | LKJ2        | Jeloy, Norway, no schedule given in latest list. (Dick Daneker)                                                                                                                                                                                                                                                                   |
| 6.065       | HH2S        | Port-au-Prince, Haiti, answered report for verie with a letter requesting another report. On the Wednesday evening program of the West Indian Broadcasting Company, a prize of \$10 is offered for the best letter of appreciation of one item on the program at about 9:30 P.M. (James Burton)                                   |
| 6.007       | ZRH         | Roberts Heights, South Africa, again being heard on the 11:45 P.M. program, QSA3, R6, April 26. (Stephen Warring, Calif.)                                                                                                                                                                                                         |
| 5.795       | TGF         | Guatemala City heard phoning YNR, Managua, at 9:05 P.M. (Olthoff)                                                                                                                                                                                                                                                                 |
| 3.2125      | CYU         | Edmonton, Alberta, and CYF, Winnipeg, Manitoba, operated by Trans-Canada Airlines, heard at 6:40 A.M. (Olthoff)                                                                                                                                                                                                                   |
| 2.738       | WJG         | Warner & Tumble Radio Service, Memphis, Tenn., granted license for new coastal harbor station, 25 watts, to communicate with ships in the vicinity of Memphis. (FCO)                                                                                                                                                              |

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SCHEDULES

Berlin

North American schedules for May- DJL, 15.11 mcs., 8-9 A.M. DJB, 15.20, DJD, 11.77, and DJZ, 11.801 mcs., 4:50-10:50 P.M. DJB, Sundays only, 11:10 A.M.-12:25 P.M.

Rome

The Italian schedules are practically the same for May as in April.

Paris

East and Far East: TPA-2, 15.243 mcs., 5-10 A.M., TPB-3, 17.85, 8:30-10 A.M. South America: TPA-4, 11.718, and TPB-12, 11.885 mcs., 6-8:15 P.M. North and Central America: TPA-4, 11.718, and TPB-11, 7.280 mcs., 8:30-11 P.M. Africa: TPB-6, 15.130, 1-4 A.M.; TPB-11, 7.280 mcs., 10:15 A.M.-12:45 P.M., 1-5:15 P.M.

Budapest

HAT-4, 9.125 mcs., daily 7-8 P.M., news service in Hungarian, English, Slovakian, and Ruthenian, interspersed by orchestra and vocal selections. HAS-3, 15.370 mcs., Sundays 9-10 A.M., news in Hungarian and English with musical numbers. (Via George Jacobs)

New York

W3XL, 17.780 mcs., daily 8 A.M.-1 P.M., English program; 1-2 P.M.-Italian period; 2-3 P.M.,-German period; 3-4 P.M.-French period; 4-5 P.M.-Portuguese period. W3XAL, 9.670 mcs., daily 5-7 P.M.-Spanish period; 7-8 P.M.-Portuguese period; 8-9 P.M.-Spanish period; 9-10 P.M.-English period; 10 P.M.-midnight - Spanish period. News bulletins are broadcast as follows: In English, 11 A.M., 12 noon, and 9 P.M.; in Italian, 1 P.M.; in German, 2 P.M.; in French, 3 P.M.; in Portuguese, 4 and 7 P.M.; in Spanish, 5, 6, and 8 P.M. Special musical features nightly at 10 P.M. announced in Spanish. A new directional antennae centred on Buenos Aires has recently been inaugurated. (G. Jacobs)

HIGH FREQUENCIES (EST) - By Earl R. Roberts

| Mcs.   | Call   | Location                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|--------|--------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 26.550 | W2XQO  | New York, N.Y., relaying WMCA, heard R6, at 7:15 P.M. during a short skip. (Roberts, Indiana)                                                                                                                                                                                                                                                                                                                                                                                           |
| 17.830 | W2XE   | New York, N.Y., heard very well at 7:15 A.M.                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 17.800 | XGOX   | Chungking, China, schedule: 9:30-11:30 P.M. (Neville Seymour, Md.) The winter frequency is 15.200 mcs.                                                                                                                                                                                                                                                                                                                                                                                  |
| 15.300 | I2RO6  | Rome, Italy, received well at 6:10 P.M. (Seymour)                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 15.180 | RV96   | Moscow, transmits simultaneously with RKI, 15.04 mcs., on the 7-9 P.M. program to North America. News in English at 8:10 P.M. (Olthoff, Kansas)                                                                                                                                                                                                                                                                                                                                         |
| 15.155 | SM5SX  | Stockholm, Sweden, in parallel with SBP, 11.705 mcs., announced at 4:15 P.M. that they were signing off to continue immediately on SBO, 6.065 mcs., and another call not understood on 9.535 mcs. This is evidently a new station. (Jimmy Hart, Newark, N.J.)                                                                                                                                                                                                                           |
| 15.100 | I2RO12 | Rome, logged at 6:15 A.M. and 2:45 P.M. (Seymour) Heard with a drama in Italian at 7:30 A.M. (Roberts)                                                                                                                                                                                                                                                                                                                                                                                  |
| 13.900 | YN3DG  | Leon, Nicaragua, R9, during special broadcast on 5/14 from 1-1:30 A.M. with announcements in Spatari. (Roger Legge, N.Y.)                                                                                                                                                                                                                                                                                                                                                               |
| 12.940 | GBC2   | Rugby, England, heard in contact with FNTQ, 8.830 mcs., S. S. Ile de France, at 7:45 P.M. (Charles Leboeuf, Mass.)                                                                                                                                                                                                                                                                                                                                                                      |
| 11.900 | XGOY   | Chungking, China, is widely reported on morning transmissions. Announces in English at 7:20 A.M. and gives location as Chungking. (Jimmy Hart) Heard at 6:15 a.m. with R6 volume. (Charles Leboeuf) Schedule: 4-6:30 P.M.; 5:30-7:10 A.M. for Siberia, Manchuria, and China; 7:15-7:55 A.M., for Japan; 8-10:30 A.M., for South China and South Seas; 11-11:30 A.M., for U.S.S.R. (For North America over XGOX, 17.3 mcs.) The winter frequency of XGOY is 9.500 mcs. (Neville Seymour) |
| 11.860 | XMHA   | "The Call of the Orient", Shanghai, China, 1 kw., transmits daily from 11 P.M. to 11 A.M. (QRC) Received in Indiana at 6:45 A.M. only R2. (ERR)                                                                                                                                                                                                                                                                                                                                         |
| 11.810 | XGOK   | Canton, China, received R8, QSA4, at signoff, 5/27, 8:32 A.M. with lady announcer. (Stephen Warring, California) Also received R2 in Indiana.                                                                                                                                                                                                                                                                                                                                           |
| 11.765 | ----   | Radio Saigon, French Indo-China, new frequency, QSA5, R9 plus, at sign-off approximately 9:45 A.M. Best Asiatic heard this year. (Stephen Warring) Address P.O. Box 412, Saigon. (QRC)                                                                                                                                                                                                                                                                                                  |
| 11.721 | ZP14   | Villarica, Paraguay, received at 4:15 P.M. with fine volume. Call given frequently in Spanish and a fine musical program heard. (Charles Leboeuf)                                                                                                                                                                                                                                                                                                                                       |
| 11.715 | ???    | Unidentified Asiatic station received regularly at 6-7:30 A.M. and later. The music is similar to that of India but announcements are all in an unknown language. Nothing to identify the station has been heard by the writer or Tom Denny, Indianapolis. Volume usually R5-6.                                                                                                                                                                                                         |
| 11.040 | CSW5   | Lisbon, Portugal, R3-6 at 4:48 P.M. (Neville Seymour)                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 9.850  | ----   | Radio Nacional, Madrid, Spain, heard daily at 6 P.M. Also announces as Radio Nacional, Valencia. (Jimmy Burton, Sherbrooke, Quebec)                                                                                                                                                                                                                                                                                                                                                     |
| 9.760  | WVD    | Seattle, Washington, phoned WXA, Juneau, Alaska, at 8:06 P.M. (Roberts)                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 9.680  | JFAK   | Taihoku, Taiwan, changed frequency from 9.630 mcs., heard R7 at 10:15 A.M. with news in Japanese to signoff at 10:21 A.M. (Martin Olthoff)                                                                                                                                                                                                                                                                                                                                              |
| 9.585  | KZHS   | Or KZHF, NEW station in Manila, P.I., on this announced frequency first received 5/27 at 9 A.M. with test program. Requested reports to Box 119, Manila. (Stephen Warring, California) Signal R8, QSA4.                                                                                                                                                                                                                                                                                 |
| 9.465  | TAP    | Ankara, Asiatic Turkey, verified second report promptly by letter and advised they are in the process of catching up with back correspondence and that henceforth all letters will be replied to on the day of their receipt in Ankara. (Roger Legge)                                                                                                                                                                                                                                   |
| 9.460  | IQN    | Tripoli, verified on ICK card with frequency and call of IQN typed in. Card came from: Ministero Della Marina, Direzione Generale Armi ed Armamenti Navali, Divisione E.R.T.C., Rome, Italy. (Roger Legge)                                                                                                                                                                                                                                                                              |
| 9.190  | HC2ET  | Guayaquil, Ecuador, now heard on this frequency signing at 9:30 P.M. Announces as 9.200 mcs., just double their old frequency of 4.600 mcs. (Roger Legge)                                                                                                                                                                                                                                                                                                                               |

HIGH FREQUENCIES (EST) - Continued from page 5.

| <u>Mcs.</u> | <u>Call</u> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|-------------|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 8.000       | W8GBS       | Cincinnati, Ohio, according to an item in the Cincinnati Enquirer sent in by H. P. Faulkner of that city, and verified by George Jacobs, has been assigned to this frequency with 8 kw. power. This station will be operated by God's Bible School, Mount Auburn, Cincinnati. The station has requested the call W8GBS but since this is an amateur call it is unlikely it will be granted. The station will broadcast 12 hours daily between 7:15 A.M. and 9 P.M. (H. P. Faulkner)                                                                                                                                                                                                    |
| 7.445       | ----        | Radio Guadeloupe, P.O. Box 125, Basse Terre, Guadeloupe, F.W.I., schedule: 6-7 A.M. and 6-7 P.M. (Jimmy Burton, Quebec)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 7.210       | YDX         | Medan, Sumatra, changed from 8.100 mcs. recently. Verifies with the usual NIROM card from Batavia. (Alec Toms, New Zealand)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 6.970       | XPSA        | Kweiyang, China, verified by letter. Schedule: 5:30-11 A.M., 10 Kw. QRA: Kweichow Broadcasting Station, Kweiyang, Kweichow, China. (Legge)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 6.116       | ----        | Radio Saigon, F.I.C., R5, at 7:02 A.M., NEW frequency. (Olthoff)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 5.980       | VONG        | Broadcasting Corp. of Newfoundland, Newfoundland Hotel, St. John's, operated by the Avalon Telephone Co., relays VONF, daily, 8:30 A.M.-12:30, and 1:30-9:30 P.M. NBC chimes used each half-hour. (IDA) Also operates on 5.730 mcs.                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 5.010       | YV5RM       | Caracas, Venezuela, received R9 at 7:35 P.M. (Neville Seymour)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 4.950       | YV4RO       | "La Voz de Carabobo," Valencia, relays YV4RA. Heard at 7:58 P.M. (Olthoff)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 4.925       | HJLABP      | Cartagena, Colombia, recently changed to this frequency from 9.618 mcs. Signs at 10:30 P.M. with "Under the Double Eagle March." (Legge)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 3.410       |             | The following new Lighthouse and Ship stations have been heard by Charles Leboeuf, Mass.: WWAD, Lighthouse Tender Violet; WWBK, Little Gull Island Light, N.Y.; WWDI, Edgemoor Lighthouse Depot, Delaware; WWBL, Stratford Shoal Light, N.Y.; WWZ, Key West Lighthouse Depot, Fla.: WRO, Winter Quarter Shoal Light Ship Virginia, at 8:30 P.M.; WWEQ, Sandy Point Light, Md., at 8:30 P.M.; WPX, Cornfield Point Light Ship, Conn.; at 8 P.M. WWHH, Maumee Bay Ranges, Ohio, at 7:30 P.M. on 3.4025 mcs. Forestry stations in the Great Smoky National Park have been heard on 3.410 mcs. Those identified are: Gatlinburg, Tenn.; Laurel Top; Big Creek; Crown Top; WSEL; and SP253. |
| 2.738       | WNTR        | Yacht "Caliban II"; WTIY, Tug "S.T. Kiddo"; and WTHO, Tug "We Three", all received. (Leboeuf)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 2.698       |             | Port Huron, Michigan, Coast Guard, heard at 7:40 P.M. (Leboeuf)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 2.670       | CG-211      | C.G. Cutter heard calling the "Travis" at 7:25 P.M. NRGC, 165' Patrol Boat "Calypso" of the Coast Guard out of Baltimore heard at 6:15 P.M. NRQI, C.G. Boat CG-470 out of New London, Conn., at 5:25 P.M. (Leboeuf)                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 2.198       | WEOL        | Yacht "Funny Face" in contact with WOX at 7:25 P.M.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 2.110       | WTLT        | Yacht "Nauti Gal" in contact with WOU at 7:35 P.M. WPZX, Yacht "Western Explorer" in contact with WOU at 6:45 P.M. (Leboeuf)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |

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Charles Leboeuf, Webster, Mass., sends the following list of new Immigration Border Patrol stations to operate on 5.9125 mcs.:

|                             |                        |                        |
|-----------------------------|------------------------|------------------------|
| WWMS Calais, Maine.         | WWMJ Jackman, Maine.   | WWMK Houlton, Maine.   |
| WWLV Van Buren, Maine.      | KYZP San Pedro, Calif. | KYZW Havre, Montana.   |
| KYZU Pembina, North Dakota. |                        | KYZS San Antonio, Tex. |

K7XGH, Alaska Aero. and Communications Commission, Gravina Island, Alaska, has been granted special temporary authority for a period of 2 months, to install and operate a 50 watt Hallicrafter HT-1 transmitter using 3.350, 3.400, 4.055, and 8.110 mcs., with A1, A2 (code), and A3 (voice) transmission. (FCC)

SPECIAL PROGRAMS

The International DX'ers Alliance announces the following specials:

FN1C, 14.084 mcs., will transmit for ~~Am~~ Touring on June 29 and July 2, from 9-9:10 A.M., and 1-1:10 A.M. EST each day. A reference quotation will be given to prove reception. Reports given the quotation and enclosing an IRC will be verified. Address all reports to: D.M.H. Patterson, Gondalpara, Chandernagore, Bengam, French India, Asia.

HIGH FREQUENCIES (EST) - Continued from page 6.SCHEDULESVatican City HVJ

Sunday: 5:00 A.M. on 9.660 or 9.550 mcs. Monday: 2:00 P.M., 6.190 or 6.030 mcs.  
 \*1:00 P.M., 15.120 mcs. 2:30 P.M., " " " "  
 Tuesday: \*8:30 A.M., 11.740 mcs. 3:00 P.M., " " " "  
 \*10:30 A.M., 15.120 " Wednesday: 2:00 P.M., 6.190 or 6.030 mcs.  
 \* 2:00 P.M., 6.190 or 6.030 mcs. 2:30 P.M., " " " "  
 2:30 P.M., " " " " 3:00 P.M., " " " "  
 Thursday: \*2:00 P.M., 6.190 or 6.030 mcs. Friday: \*2:00 P.M., 6.190 or 6.030 mcs.  
 2:30 P.M., " " " " 2:30 P.M., " " " "  
 3:00 P.M., " " " " Saturday: 2-3 P.M., 6.190 or 6.030 mcs.

(\*) Signifies an English broadcast. When writing for veries it is important that the subject of the talk be stated. No use saying that "I heard a talk at 2 P.M." (Burton)

Rio De Janeiro

PSH, 10.220 mcs., daily except Sunday, 6-7 P.M. in Portuguese. Monday, 8-8:30 P.M. in English. Friday, 7-7:30 P.M. in Spanish.  
PSE, 14.935 mcs., Wednesday, 4-4:10 P.M. in German. Thursday, 3-3:30 P.M. in Italian. (This program is broadcast from 11:18 A.M.-noon the first Thursday of each month.)  
 Saturday, 3-3:30 P.M., in French. PSA, 21.080 mcs., also listed but not broadcasting at present. (Eric Beagle)

Rome (July)

I2R03, 9.635 mcs., 12:07-9 P.M.; I2R04, 11.810 mcs., 4:30 A.M.-2:30 P.M., 6-9 P.M.  
I2R06, 15.300 mcs., 4:15-4:55 A.M., 10 A.M.-12:06 P.M., 1:38-2:30 P.M., 3-5:30 P.M., 6-7:25 P.M. I2R08, 17.820 mcs., 5-8:45 A.M., 7:30-9 P.M. I2R09, 9.670 mcs., 12:40-6:30 P.M., IQA, 14.795 mcs., 4:30-4:55 A.M. (Arabic). IQY, 11.673 mcs., 5:20-5:40 A.M. (Russian), 12:07-12:56 P.M. (Arabic), 1:50-2:30 P.M. (Russian) IRF, 9.835 mcs., 5:20-5:40 A.M., noon-1 P.M., 1:50-2:30 P.M. (Russian). IAC, 6.355 mcs., 3-3:24 P.M. (Russian)

Berlin (June)

North America: DJL, 15.110 mcs., 8-9 A.M.; DJE, 15.200, DJD, 11.770 mcs., and DJZ, 11.801 mcs., 4:50-10:50 P.M.; DJE, 11:10 A.M.-12:25 P.M., Sundays only. Asia: DJE, 15.200, and DJQ, 15.280 mcs., 12:05-11 A.M.; DJN, 9.540 mcs., 12:05-2:30 P.M.; DJE, 17.760 mcs., 12:05-5:50 A.M.; DJS, 21.450 and DJH, 17.845 mcs., 12:05-7:50 A.M.; DJE, 8-11 A.M.; DJH, 9:15-11 A.M.; DJN, 9:30-11 A.M. Africa: DJL, 15.110 mcs., 12:05-2 A.M., 10:40 A.M.-4:25 P.M.; DJX, 9.675 mcs., and DJD, 11.770 mcs., 11:30 A.M.-4:25 P.M.; DJQ, 6.020 mcs., 12:30-4:25 P.M. South America: DJE, 17.760 mcs., 6-7:50 A.M., and 4:50-9 P.M.; DJN, 9.540 mcs., 4:50-10:50 P.M.; DJQ, 15.280 mcs., 9-10:50 P.M.; DJE, Sundays only, 11:10 A.M.-12:25 P.M.; DJQ, Sundays only, 4:50-9 P.M. Central America: DJH, 17.845 mcs., 8-9 A.M.; DJR, 15.340 mcs., 4:50-10:50 P.M.; DJA, 9.560 mcs., 6:30-10:50 P.M.

Paris Mondial (June)

East and West Africa: TPB-6, 15.130 mcs., 1-4 A.M.; TPB-11, 7.280 mcs., 10:15 A.M.-12:45 P.M. West Africa: TPB-11, 7.280 mcs., 1-5:15 P.M. East and Far East: TPA-2, 15.243 mcs., 5-10 A.M., TPB-3, 17.850 mcs., 8:30-10 A.M. South America: TPA-4, 11.718 mcs., 6-8:15 P.M., TPB-12, 11.885 mcs., 6-8:15 P.M. North and Central America: TPA-4, 11.718 mcs., 8:30-11 P.M., TPB-11, 11.885 mcs., 8:30-11 P.M. Notice that although the same frequency, 11.885 mcs., is used for the North and South American programs, different calls have been assigned.

A new series of calls is being assigned the Daventry stations starting with GRZ, 21.640 mcs., GRY, 9.600 mcs., and GRX, 9.690 mcs. GRX operates from 5:45 A.M.-noon, and 12:25-6 P.M. MTCY, 13.53 and 15.200 mcs., Hsinking, Manchukuo, was heard testing between 4-5 A.M. (IDA) HNF, Baghdad, Iraq, has shifted frequency to 9.690 mcs. and is heard between 10 A.M.-3 P.M. CR6RC, 11.740 mcs., Loanda, Angola, was heard Tuesdays with recordings from about 2:45 to signoff at 3:30 P.M. CRY9, 6.080 mcs., Macao, Portuguese China, operates Mondays only from 8:30-10 A.M., closing with "CRY9, Macao, closing down until next Monday at the same time." (British Short Wave Magazine)

HIGH FREQUENCIES (EST) - By Earl R. Roberts

| <u>Mcs.</u> | <u>Call</u> | <u>Location</u>                                                                                                                                                                                                                                                                                                                                                                                                          |
|-------------|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 25.250      | ----        | The Louisville Times Co., Nr. Eastwood, Ky., has been granted CP for a new facsimile broadcast station experimentally; 500 watts. (FCC)                                                                                                                                                                                                                                                                                  |
| 17.310      | WCBN        | Aboard the Atlantic Clipper logged 6/18 at 10:08-10:26 A.M. while making its first Trans-Atlantic flight. (Nick Hock, N.J.)                                                                                                                                                                                                                                                                                              |
| 15.410      | ----        | Bucharest, Roumania, NEW station, transmits from 9:00-10:15 P.M. News in Roumanian is given at 10:00 P.M. Opens with National Anthem by a chorus and announces as "Radio Bucharest." Power is 50 Kw. (Martin Olthoff, Kans.) Unidentified station heard nightly from 9-10:15 P.M. with program in an unknown language, mentions Moshwa frequently although the language does not sound like Russian. (Roger Legge, N.Y.) |
| 15.300      | I2R06       | Rome, Italy, broadcasts an Arabic program around 3:30 P.M. and might possibly be mistaken for an Oriental station. (Neville Seymour, Md.)                                                                                                                                                                                                                                                                                |
| 15.195      | TAQ         | Radio Ankara, Turkey, is heard R5 signing on at 5:40 A.M. (Roger Legge)                                                                                                                                                                                                                                                                                                                                                  |
| 15.155      | SBT         | Motala, Sweden, is heard well to 4:15 P.M. when the program is changed over to SBU, 9.535 mcs. (Roger Legge)                                                                                                                                                                                                                                                                                                             |
| 14.960      | RZZ         | Moscow, U.S.S.R., received at 9 P.M., 6/11, R9, to sign off at 9:40 P.M. Mentioned that they broadcast over 9.60, 15.040, and 15.182 mcs. from 7:00 P.M. but did not mention this frequency. (Nick Hock)                                                                                                                                                                                                                 |
| 14.485      | HPF         | Panama City, Panama, received in contact with WNC, 15.055 mcs., at 6:15 P.M. (Roberts, Indiana)                                                                                                                                                                                                                                                                                                                          |
| 13.900      | YN3DG       | Leon, Nicaragua, may be heard Saturdays at 10:00 P.M. (Legge)                                                                                                                                                                                                                                                                                                                                                            |
| 12.862      | WCBN        | Aboard the Atlantic Clipper bound for the Azores, heard at 7:37 P.M. while 850 miles from New York, in contact with WKD and WEL. (Roberts) Received R8 at 10:18 P.M. and switched to 8.655 mcs. at 10:25 P.M. (Hock)                                                                                                                                                                                                     |
| 12.780      | GBC         | Rugby, England, signing from a contact with Sydney, Australia, at 7:30 P.M. Signal R6. (Roberts)                                                                                                                                                                                                                                                                                                                         |
| 11.990      | FZR4        | Saigon, Indo-China, 1 Kw., also on 6.110 mcs., transmits 7-9:30 A.M., 6:45-7:15 P.M., and 11:45 P.M.-12:45 A.M. QRA: "Radio Saigon", P.O. Box 412. (BSWR)                                                                                                                                                                                                                                                                |
| 11.850      | HAAQ2       | Budapest, Hungary, heard testing around 3 P.M., changing to 9.625 mcs. at 4:30 P.M. Reports are requested to "Radio Labor, Budapest." (BSWR)                                                                                                                                                                                                                                                                             |
| 9.700       | HNF         | Baghdad, Iraq, heard around 2:45 P.M. with bad fading and much static interference. (Neville Seymour, Md.)                                                                                                                                                                                                                                                                                                               |
| 9.695       | JIE2        | Tyureki, Taiwan, 10 Kw., broadcasts to China and the South Seas from 9:05-10:20 A.M. (Roger Legge)                                                                                                                                                                                                                                                                                                                       |
| 9.690       | GRX         | Daventry, England, new BBC channel heard to around 6 P.M. (Oxrieder, C.Z.)                                                                                                                                                                                                                                                                                                                                               |
| 9.620       | CXA6        | Montevideo, Uruguay, verified with small silver card. QRA: Servicio Oficial Difusion Radio Electrica, Mercedes 823, Montevideo. Transmitter "A" - 20 Kw.; Transmitter "B" - 3 Kw. Other calls: CX44, 6.125 mcs.; CX10, 11.895 mcs.; CX18, 15.300 mcs. Medium wave: CX6, 650 kcs., 25 Kw.; CX38, 1290 kcs., 5 Kw. (Roger Legge)                                                                                           |
| 9.615       | TIPG        | San Jose, Costa Rica, formerly on 9.695 mcs., signs on at 7 A.M., off at 11:30 P.M. (Olthoff, R.B. Oxrieder, Canal Zone)                                                                                                                                                                                                                                                                                                 |
| 9.535       | SBU         | Motala, Sweden, heard well from 4:15-5:05 P.M. (Legge)                                                                                                                                                                                                                                                                                                                                                                   |
| -----       |             | Schwarzensburg, Switzerland, heard 6/12, 6:50-8 P.M., R9, with musical program and announcements in several languages. (Roberts, Indiana)                                                                                                                                                                                                                                                                                |
| 8.035       | CNR         | Rabat, Morocco, again heard with Arabic program from 4 P.M. onwards with clock striking the hour. (BSWR)                                                                                                                                                                                                                                                                                                                 |
| 7.660       | YN3DG       | Leon, Nicaragua, broadcasts daily at 8:30 P.M. (Legge)                                                                                                                                                                                                                                                                                                                                                                   |
| 7.295       | JIE         | Tyureki, Taiwan, broadcasts simultaneously with JIE2, 9.695 mcs. (Legge)                                                                                                                                                                                                                                                                                                                                                 |
| 7.284       | YNLIP       | Instituto Pedagogico, Managua, Nica., heard broadcasting at 8 P.M. (Oxrieder)                                                                                                                                                                                                                                                                                                                                            |
| 7.180       | EA9AI       | Melilla, Spanish Morocco, heard broadcasting once at 10:13 P.M. (Oxrieder)                                                                                                                                                                                                                                                                                                                                               |
| 6.380       | TIWS        | Puntarenas, Costa Rica, is again being heard evenings. (Oxrieder)                                                                                                                                                                                                                                                                                                                                                        |
| 6.093       | HP5F        | Colon, Panama, heard on this frequency lately. (Oxrieder)                                                                                                                                                                                                                                                                                                                                                                |
| 6.090       | ZNS         | Nassau, Bahamas, heard well in the Canal Zone evenings. (Oxrieder)                                                                                                                                                                                                                                                                                                                                                       |
| 5.975       | OAX4P       | Huancayo, Peru, is heard quite well of late. (Oxrieder)                                                                                                                                                                                                                                                                                                                                                                  |

HIGH FREQUENCIES (EST) - Continued from page 5.

| Mcs.  | Call   | Location                                                                                                                                                                                                                                               |
|-------|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 5.913 | HILJ   | San Pedro, D.R., is shifting frequency lately quite a bit, was 5.892 mcs. for a time. (Oxrieder)                                                                                                                                                       |
| 5.755 | YNOP   | Managua, Nicaragua, has moved back to this frequency from 5.460 mcs. (Oxrieder)                                                                                                                                                                        |
| 5.020 | YV4RQ  | Radio Puerto Cabello, Vene., verified with white card and blue call, owners- Amilcar y Rafael Angel Secura & Cia. (Roger Legge)                                                                                                                        |
| 4.970 | YV1RJ  | Radio Falcon, Coro, Vene., heard well till 9:30 P.M. (Legge)                                                                                                                                                                                           |
| 4.855 | HJCF   | NEW call for HJ3CAF, Bogota, Colo. (Roberts, Legge)                                                                                                                                                                                                    |
| 4.845 | HJCD   | New call for HJ3CAD, Bogota, relaying HJCB. (Roberts, Legge) The new system of calls seems to be the dropping of the numeral and the next to the last letter. Will members kindly check other Colombia stations and note any further changes in calls? |
| 4.795 | HJ4DAX | Medellin, Colo., NEW station, relays HJ4ABA, heard around 10 P.M. (Legge)                                                                                                                                                                              |
| 4.770 | YV1RT  | La Voz de la Fe, Maracaibo, Vene., NEW station, heard around 9 P.M. (Oxrieder, Legge, Roberts)                                                                                                                                                         |

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The following list of new Venezuelan calls and frequencies has been submitted by George H. Jacobs, Cincinnati.

| Mcs.  | Call  | Identification          | Location       | Old Call           | Relays     |
|-------|-------|-------------------------|----------------|--------------------|------------|
| 5.040 | YV5RN | Radio Caracas           | Caracas        | YV5RC              | YV5RA      |
| 5.020 | YV4RQ | Radio Puerto Cabello    | Puerto Cabello | -----              | NEW        |
| 5.010 | YV5RM | Radiodifusora Venezuela | Caracas        | YV5RD              | YV5RB      |
| 5.000 | YV5RK |                         | Caracas        | Reserved for       | Government |
| 4.990 | YV3RX | La Voz de Lara          | Barquisimeto   | YV3RB              | YV3RC      |
| 4.970 | YV1RJ | Radio Falcon            | Coro           | -----              | -----      |
| 4.960 | YV5RS | La Voz de la Philco     | Caracas        | YV5RP              | YV5RO      |
| 4.950 | YV4RO | La Voz de Carabobo      | Valencia       | YV4RB              | YV4RA      |
| 4.940 | YV5RO | La Voz de Venezuela     | Caracas        | YV5RF              | YV5RE      |
| 4.930 | YV4RP | Radio Valencia          | Valencia       | -----              | YV4RE      |
| 4.920 | YV5RU | Estudios Universo       | Caracas        | -----              | YV5RR      |
| 4.910 | YV1RY | Radio Coro              | Coro           | YV1RI              | -----      |
| 4.900 | YV6RT | Radio Bolivar           | Ciudad Bolivar | -----              | YV6RA      |
| 4.890 | YV1RX | Ondas del Lago          | Maracaibo      | YV1RH              | YV1RF      |
| 4.880 | YV6RU | Ecos del Orinoco        | Ciudad Bolivar | YV6RB              | YV6RD      |
| 4.870 | YV2RN | La Voz del Tachira      | San Cristobal  | YV2RA              | YV2RB      |
| 4.860 | YV1RL | Radio Popular           | Maracaibo      | YV1RL              | YV1RK      |
| 4.850 | YV1RZ | Radio Valera            | Valera         | YV1RG              | -----      |
| 4.840 | YV4RX | La Voz de Aragua        | Maracay        | YV4RD              | YV4RC      |
| 4.830 | YV5RH | Ondas Populares         | Caracas        | YV5RH              | YV5RC      |
| 4.820 | YV3RN | Radio Barquisimeto      | Barquisimeto   | YV3RD              | YV3RE      |
| 4.810 | YV1RU | Radiodifusora Maracaibo | Maracaibo      | YV1RD              | YV1RE      |
| 4.800 | YV1RV | Ecos del Zulia          | Maracaibo      | YV1RB              | YV1RA      |
| 4.790 | YV5RY | La Voz de la Esfera     | Caracas        | YV5RJ              | YV5RI      |
| 4.780 | YV1RO | Radio Trujillo          | Trujillo       | Under Construction |            |
| 4.770 | YV1RT | La Voz de la Fe         | Maracaibo      | -----              | YV1RC      |

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WLOXDA aboard the ship Effie M. Morrissey has been granted permission to use frequencies 6.425, 8.655, 9.135, 12.8625, and 17.310 mcs., 100 watts. KBKC, Columbia Broadcasting System, aboard the Yacht "Geoanna", has been granted use of frequencies 4.7975, 6.425, and 8.655 mcs., 175 watts, for the period July 1-25, for relay broadcast of a series of special programs incident to the Honolulu Yacht Regatta to be broadcast by station KNX. Amateur station W6LS has been licensed to operate for the Columbia Broadcasting System as a relay broadcast station on 4.7975, 6.425, and 8.655 mcs., call KAAC, for the period July 1-25, for the purpose of establishing the necessary cue circuit for a series of special programs incident to the Honolulu Yacht Regatta. (FCC)

HIGH FREQUENCIES (EST) - Continued from page 6.

The Olympic Games Committee of Finland recently commenced preparations for the world-wide radiation of running commentaries of next year's events at Helsinki. A special Radio Bureau has been formed to deal with all technical arrangements. The Olympic Games Committee has ordered equipment for a 100 Kw. short wave broadcasting station to be erected at Bjorneborg and it is also understood that German television apparatus will be installed in the principal sports arenas, enabling the transmissions to be picked up in Helsinki and projected on cinema screens. The television equipment will be removed when the Games are over. (Foreign Communication News)

SCHEDULES

CR7AA, 6.137, and CR7AB, 3.490 mcs., daily except Sundays, Midnight-1:00 A.M.  
CR7BD, 15.240, and CR7BH, 11.718 mcs., daily except Sundays, 4:30-6:30 A.M., 9:30-11:00 A.M., and noon-4 P.M. QRA: Radio Club de Mozambique, P.O.Box 594, Lourenco Marques, Mozambique. (George H. Jacobs) The Short Wave Reporter also lists CR7BD on 15.380 mcs.

SWEDEN

SBT, 15.155 mcs., 10 Kw., Motala, weekdays 1-4:15 P.M., Sundays 3:00 A.M.-4:15 P.M.  
SBP, 11.705 mcs., 12 Kw., Motala, weekdays 1-4:15 P.M., Sundays 3:00 A.M.-4:15 P.M.  
SBU, 9.535 mcs., 12 Kw., Motala, weekdays 4:15-5 P.M., Sundays 4:15-5:00 P.M.  
SBO, 6.065 mcs., 12 Kw., Motala, weekdays 4:15-5 P.M., Sundays 4:15-5:00 P.M.  
Each Wednesday and Saturday nights, SBT and SBP transmit from 8:00-9:00 P.M. Submitted by George H. Trisdorfer, Brooklyn, who is advised by the stations that they do not issue QSL cards, neither do they mention call or frequency in verifying by letter.

U. S. S. R.

RV96, 15.182 mcs., weekdays 3 A.M. and 7 P.M., Sundays 3 A.M. and 7 P.M. RKI, 15.040 mcs., daily at 7 P.M. RAL, 9.600 mcs., daily at 7 P.M. RNE, 12.000, Sunday 6 A.M., 10 A.M., and 4 P.M., Monday and Friday 4 P.M., Wednesday 6:30 A.M., Thursday and Saturday 5 P.M. RV96, 9.520 and 6.030 mcs., Saturday at 5 P.M. On the 7th, 13th, 19th, 25th, and 31st, RV96, 15.182 mcs., starts at 3:15 A.M. instead of 3 A.M.

HIGH FREQUENCIES (EST) - By Earl R. Roberts

| Mcs.   | Call  | Location                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|--------|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 26.300 | ----  | Head of the Lakes Broadcasting Co., Superior, Wisc., granted CP for new HF broadcast station, 1 Kw. (FCC)                                                                                                                                                                                                                                                                                                                                                                                             |
| 25.250 | W8XUM | WBNS, Inc., Columbus, Ohio, granted license to cover CP for facsimile broadcast station, 100 watts.                                                                                                                                                                                                                                                                                                                                                                                                   |
|        | ----  | National Life and Accident Insurance Co., Nashville, Tenn., granted license for new facsimile broadcast station, 1 Kw.                                                                                                                                                                                                                                                                                                                                                                                |
|        | ----  | A. H. Belo Corp., Dallas, Texas, granted license for new facsimile broadcast station, 1 Kw.                                                                                                                                                                                                                                                                                                                                                                                                           |
| 21.680 | HAD   | Budapest, Hungary, during the period July 24-August 11, transmitted to N.A. from 11 A.M.-1 P.M. (Roger Legge, N.Y.)                                                                                                                                                                                                                                                                                                                                                                                   |
| 19.020 | HS6PJ | Bangkok, Siam, now transmitting Mondays 8-10 A.M., may soon begin daily transmissions. (Australian DX Club)                                                                                                                                                                                                                                                                                                                                                                                           |
| 17.520 | DFB   | Nauen, Germany, phoned Manila at 9:18 A.M. (Roberts, Indiana)                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 15.970 | WKO   | Rocky Point, N.Y., and WET, 9.470 mcs., relayed a program from a New York network to station XEWW, 9.500 mcs., Mexico City, 8/25, at 9:45 P.M. (Roberts)                                                                                                                                                                                                                                                                                                                                              |
| 15.410 | ????  | No positive identification as yet received as to who the station heard almost nightly from 8:55-10:15 P.M. may be. The Berne list shows RW96, a 100 Kw. transmitter, on this frequency. However the station does not sign off with the Internationale as other Moscow transmitters do so we are still guessing.                                                                                                                                                                                       |
| 15.290 | VUD4  | Delhi, India, now being heard again evenings and first noticed Monday, July 25, at 9:03 P.M. News in English was read at 9:50 P.M. (Roberts)                                                                                                                                                                                                                                                                                                                                                          |
| 15.230 | OLR5A | Prague, Bohemia, is R9 plus starting morning transmissions at 9:30 A.M., and evening transmissions at 8 P.M.                                                                                                                                                                                                                                                                                                                                                                                          |
| 15.195 | TAQ   | Ankara, Turkey, verified report of August 13, 1938, on July 26, 1939, with form letter, but nevertheless, a positive verification. QSL cards are not yet ready and henceforth all letters are answered the day of their receipt in Ankara. Schedule: TAQ, 15.195 mcs., 20 Kw., - 5:30-7 A.M. TAP, 9.465 mcs., 20 Kw., - 11:30 A.M.-5 P.M. TAR, 182 kcs., 120 Kw., 5:30-7 A.M. and 11:30 A.M.-5 P.M. Address for reports: Correspondence Dept., Radio Ankara, Ankara, Turkey. (George Jacobs, Roberts) |
| 15.170 | LKV   | Oslo, Norway, schedule: Daily 6:40-10 A.M. (Geo. Jacobs)                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 15.155 | SBT   | Motala, Sweden, 300 w., heard in parallel with SBP, 11.705 mcs., daily 1-4:15 P.M., Wednesdays and Saturdays 8-9 P.M. Evening transmissions are very well heard. SBT signs in English. (R.B. Oxrioder, Canal Zone)                                                                                                                                                                                                                                                                                    |
| 14.440 | GBW   | Rugby, England, heard contacting WMA at 3:50 P.M. (Charles Leboeuf, Mass.)                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 13.900 | YNDG  | Leon, Nicaragua, beginning August 20, will transmit special broadcasts of Spatari language programs at 1:00 A.M. the 3rd Sunday of the month. Request programs are broadcast Saturdays at 10:00 P.M. with music, talks, and short Spatari messages. (Lawrence Reed, Wilmington, Del.)                                                                                                                                                                                                                 |
| 13.190 | ----  | Mauretania ship heard in contact with WOO, 12.87 mcs. (Charles Leboeuf)                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 11.850 | HAD   | Budapest, Hungary, July 24-August 11, transmitted to South America from 2-6 P.M. (Roger Legge)                                                                                                                                                                                                                                                                                                                                                                                                        |
| 11.825 | JVZ2  | Tokyo, Japan, will use this new frequency for the October broadcasts to North America. (Legge)                                                                                                                                                                                                                                                                                                                                                                                                        |
| 11.775 | MTOY  | Hsingking, Manchoukuo, inaugurated July 20, now heard daily with good signals, 1:30-2:20 A.M. Interval signal is chimes melody. Address reports to: Centrall Broadcasting Station, Hsingking, Man. (IDA)                                                                                                                                                                                                                                                                                              |
| 11.735 | LKQ   | Oslo, Norway, schedule: 2-6:40 A.M., and 10 A.M.-3 P.M. (Jacobs, Ohio)                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 11.710 | YSM   | San Salvador, signs at 2 P.M. with good volume. (Leboeuf)                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 10.220 | PSH   | Rio de Janeiro, Brazil, heard 7/26, till signoff at 7 P.M. with band music. Signal R9. (Richard Daneker, Pa.)                                                                                                                                                                                                                                                                                                                                                                                         |
| 9.855  | EAQ   | Madrid, Spain, schedule: daily 5-7:30 P.M., Saturdays 1-3 P.M., Sundays 8:30-9:30 P.M. QRA: Estacion EAQ, Transradio Espanola, S.A., Apartado 951, Madrid, Spain. (EAQ)                                                                                                                                                                                                                                                                                                                               |

HIGH FREQUENCIES (EST) - Continued from page 5.

| <u>Mcs.</u> | <u>Call</u> | <u>Location</u>                                                                                                                                                                                                       |
|-------------|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 9.760       | WVD         | Seattle, Wash., phoned WXA, Juneau, Alaska, at 7:30 A.M. (Leboeuf)                                                                                                                                                    |
| 9.695       | JIE2        | Tyureki, Taiwan, assigned frequency, but actually received under ZHP on about 9.686 mcs., broadcasts the same programs as JFO, 9.630 mcs. Signal is very good. (Stephen D. Warring, Calif.)                           |
| 9.625       | HAD         | Budapest, Hungary, July 24-August 11, transmitted programs directed to North America from 6-9 P.M. (Legge) Could not be heard in Indiana due to 2R03.                                                                 |
| 9.610       | LLG         | Oslo, Norway, schedule: 3-6 P.M., 8-9 P.M., and 11 P.M.-midnight. (Jacobs)                                                                                                                                            |
| 9.595       | EIRE        | Athlone, Ireland, received good Saturday at the 5 P.M. signoff. (Leboeuf)                                                                                                                                             |
| 9.585       | KZHS        | Manila, P.I., and KZEH, Manila, heard on different nights on this same frequency. Requested reports and promised to verify. Address P.O. Box 119, Manila, P.I. (Tune-In)                                              |
| 9.510       | HS8PJ       | Bangkok, Siam, now transmitting daily except Mondays, 8-10 A.M. The best dance band in Siam is often featured and is well worth hearing. (A.DX C.) HS4PJ, 6.130 mcs., is used simultaneously with HS8PJ.              |
| 9.492       | KZIB        | Manila, P.I., is well received early mornings in the Canal Zone. (Oxrieder)                                                                                                                                           |
| 8.700       | COCO        | Havana, Cuba, changed frequency from 6.010 mcs. (Martin Olthoff, Kansas)                                                                                                                                              |
| 8.655       | WLOXKE      | E.F. McDonald, Jr., Chicago, Ill., granted license to operate aboard the yacht "Mizpah" for period ending October 1, 1939, 400 watts. (FCC)                                                                           |
| 7.660       | YNDG        | Leon, Nicaragua, drops the number 3 when broadcasting and is now heard on this frequency evenings. (Oxrieder)                                                                                                         |
| 7.295       | JIE         | Tyureki, Taiwan, now broadcasting simultaneously with JIE2, 9.696 mcs., from 9:05-10:20 A.M. for China and the South Seas. JIE also is used with JFO and JIE2. (IDA)                                                  |
| 7.284       | YN1IP       | Managua, Nicaragua, broadcasts Sundays 10-11 A.M. with school program.                                                                                                                                                |
| 7.260       | CSW8        | Lisbon, Portugal, transmits Tuesdays, Thursdays, and Saturdays 4:05 - 5:00 P.M. (IDA)                                                                                                                                 |
| 7.221       | HAAQ2       | Budapest, Hungary, verified with attractive red, white, and green card. The call has been changed to HAD. (Legge)                                                                                                     |
| 6.993       | HI2M        | San Pedro de Macoris, D.R., tested one night and is evidently planning to come on the air as a broadcaster. (Oxrieder)                                                                                                |
| 6.400       | TGQA        | Quezaltenango, Guatemala, verifies with same card as TG-2, very pretty with crossed rifles and slogan "Libertad 15 de Septiembre de 1821" topped by a perched parrot. (Richard Daneker)                               |
| 6.180       | LRA2        | Buenos Aires, Argentina, operates weekdays 5:30-9:00 P.M., Saturday and Sundays 7-9 P.M. with LRA, 750 kcs., and LRA1, 9.690 mcs. (Legge)                                                                             |
| 6.151       | TI2RH       | San Jose, Costa Rica, relays TIRH of that city. (Oxrieder)                                                                                                                                                            |
| 6.140       | KZRM        | Manila, P.I., new 1 Kw. transmitter, relays KZEG from 5-9 A.M. or later. (IDA, Roberts)                                                                                                                               |
| 6.125       | MTCY        | Hsingking, Manchoukuo, transmits irregularly 7-9 A.M. and occasionally as early as 11:30 P.M. (IDA)                                                                                                                   |
| 6.100       | KZRH        | Manila, P.I., is testing irregularly from 5-8 A.M. or later and requesting reports. Signal slightly stronger than KZRM. (IDA)                                                                                         |
| 6.090       | XEBF        | Jalapa, Mexico, QRMS ZNS, but is so weak that it might show up as only a heterodyne in the States. (Oxrieder)                                                                                                         |
| 6.005       | HP5K        | Colon, Panama, verifies promptly with white card, red call. Signs at midnight. (Richard Daneker)                                                                                                                      |
| 5.360       | HCK         | "Radio Nacional de Peru", Quito, Ecuador, has moved to this frequency.                                                                                                                                                |
| 4.975       | YV1RJ       | Coro, Venezuela, signs at 9:25 P.M. with "Blue Danube Waltz." (Olthoff)                                                                                                                                               |
| 4.925       | YV4RP       | Radio Valencia, ex-4RH, is now on the air. (Oxrieder)                                                                                                                                                                 |
| 4.920       | YV5RU       | Caracas, Venezuela, gives news in Spanish at 10:15 P.M. (Olthoff)                                                                                                                                                     |
| 4.415       | GBTT        | RMS Queen Mary, contacted WOO at 3:45 P.M. (Leboeuf)                                                                                                                                                                  |
| 3.410       | WWEH        | Lighthouse Tender "Wistaria" logged at 8:30 P.M. WWBS, Cape Lookout Light, North Carolina, at 8:30 P.M. WWBN, Wolf Trap Light, Virginia, at 8:30 P.M. WRV, Diamond Shoal Light Ship, Virginia, at 8:30 P.M. (Leboeuf) |
| 2.738       | KMLR        | Yacht "Yankee Clipper" heard at 6:33 P.M. KFZL, Yacht "Arcadia", at 8:35 P.M. WTUI, Yacht "Serena" at 8:15 P.M. WTPB, Yacht "Sally II" at 8:17 P.M. KMQA, Baltimore Pilot Boat at 9:04 P.M. WDSE, Yacht "Content" at  |

HIGH FREQUENCIES (EST) - Continued from page 6.

| <u>Mcs.</u> | <u>Call</u> | <u>Location</u>                                                                                                                                                                                                                   |
|-------------|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|             |             | 8:15 P.M. WTKA, Yacht "Seakay" at 6:50 P.M. WTWR, Yacht "Toto" at 7:15 P.M. and WNVA, Yacht "Ambrosia" at 7:25 P.M. (Leboeuf)                                                                                                     |
| 2.198       | WDWN        | Yacht "Dawn" in contact with WOX at 5:45 P.M. WOZA, Yacht "Seagoing" in contact with WOX at 5:48 P.M. KLQE, Yacht "Dr. Brinkley" in contact with WOX at 8 P.M. KMGS, Yacht "Parthenia" in contact with WOX at 7:45 P.M. (Leboeuf) |
| 2.182       | KFZT        | Yacht "Mizpah" in contact with Charlevoix, Michigan, Coast Guard, on same frequency. (Leboeuf)                                                                                                                                    |

\*\*SCHEDULES\*\*Berlin

North America: For August, DJL, 15.11 mcs., 8-9 A.M. DJB, 15.20, DJD, 11.77, and DJZ, 11.801 mcs., 4:50-10:50 P.M. DJB, ~~S~~undays only 11:10 A.M.-12:25 P.M.

Rome

2RO3, 9.635 mcs., 12:07-2:55 P.M., 5:30-9 P.M. 2RO4, 11.810 mcs., 4:30 A.M.- 2:30 P.M. 6-9 P.M. 2RO6, 15.300 mcs., 4:10-4:55 A.M., 10 A.M.-12:06 P.M., 1:40-2:30, 3-5:30 P.M. 2RO8, 17.820 mcs., 5:00-8:45 A.M. 6-9 P.M. 2RO9, 9.670 mcs., 12:40-6:30 P.M. IQA, 14.795 mcs., 4:30-4:55 A.M. IQY, 11.673 mcs., 5:20-5:40 A.M., 12:07-12:56 P.M., 1:50-2:30 P.M. IRF, 9.830 mcs., 5:20-5:40 A.M., noon-1 P.M., 1:50-2:30 P.M. 6-9 P.M. IAC, 6.355 mcs., 3-3:35 P.M.

South Africa

ZRG, 9.523 mcs., 5 Kw., Pretoria, weekdays 11:45 P.M.-12:50 P.M., 5-7 A.M., Sundays 5:30-7 A.M. (Error- ZRH, 6.007 mcs. is on from 11:45 P.M. instead of ZRG.) ZRH, 6.007 mcs., 5 Kw., 11:45 P.M.-12:50 A.M., weekdays, and 9:30 A.M.-3:30 P.M. Sundays- 7:40 A.M.-3:15 P.M. ZRL, 9.606 mcs., 5 Kw., Capetown, 11:45 P.M.-12:50 A.M., 3:20-7:20 A.M., 9-11:45 A.M. weekdays and Saturdays. Sundays 3:30-4:30 A.M., 5:30-7 A.M., 9-11:45 A.M. ZRK, 6.0975 mcs., 5 Kw., Weekdays and Saturdays noon-4 P.M., Sundays noon to 3:20 P.M. ZRJ, 6.0975 mcs., 200 watts, Johannesburg, weekdays 11:45 P.M.-12:50 A.M., 3:15-7 A.M., 9-11:30 A.M., Saturdays 8:30-11:30 A.M. Sundays 3:30-4:30 A.M., 5:30-7 A.M., and 8:40-11:30 A.M. ZTD, 4.878 mcs., Durban, 11:45 P.M.-12:50 A.M., 3:30-7:30 A.M., 9-11:15 A.M., and 11:20 A.M.-3:45 P.M. ZRD, 6.1475 mcs., 11:45 P.M. to 11:15 A.M. the period May 1st to October 31st. ZRO, 9.755 mcs., 11:45 P.M. to 11:15 A.M., November 1st, to April 30th. Send reports on all stations to P.O. Box 4559, Johannesburg, South Africa.

New calls of the Colombian stations taken from the official Berne list:

| <u>Mcs.</u> | <u>Call</u> | <u>Location</u> | <u>Power</u> | <u>Owner</u>               | <u>Old call</u>     |
|-------------|-------------|-----------------|--------------|----------------------------|---------------------|
| 4.745       | HJCX        | Bogota          | 750          | La Voz de la Colombia      | HJ3ABX              |
| 4.755       | HJEH        | Buenaventura    | 1000         | FF. CC. Nacionales         | HJU                 |
| 4.765       | HJFB        | Manizales       | 5000         | Alberto Hoyos              | HJ6FAB (In. Const.) |
| 4.775       | HJGB        | Bucaramanga     | 750          | Francisco Bueno            | HJ7GAB              |
| 4.785       | HJAB        | Barranquilla    | 750          | Clara E. de Buitrago       | HJ1ABB              |
| 4.795       | HJFI        | Ibague          | 750          | Lamos, Rivera, Barrios     | HJ6FAI              |
| 4.805       | HJDU        | Medellin        | 250          | Universidad de Antioquia   | HJ4DAU              |
| 4.815       | HJBB        | Cucuta          | 600          | Pompilio Sanchez           | HJ2BAC              |
| 4.825       | HJED        | Cali            | 750          | Eduardo Cordoba            | HJ5EAD              |
| 4.835       | HJAE        | Cartagena       | 500          | Jose Maria Fuentes         | HJ1ABE              |
| 4.845       | HJCD        | Bogota          | 1000         | Roberto Ramirez            | HJ3CAD              |
| 4.855       | HJCF        | Bogota          | 750          | Uribe y Moreno             | HJ3CAF              |
| 4.865       | HJBJ        | Santa Marta     | 750          | Julio A. Sanchez           | HJ2ABJ              |
| 4.875       | HJFH        | Armenia         | 600          | Hoyos y Gutierrez          | HJ6FAH              |
| 4.885       | HJDP        | Medellin        | 5000         | Alberta Estrada            | HJ4DAP              |
| 4.895       | HJCH        | Bogota          | 750          | Manuel Gaitan              | HJ3CAH              |
| 4.905       | HJAG        | Barranquilla    | 1000         | Andres G. Jimeno           | HJ1ABG              |
| 4.915       | HJFC        | Pereira         | 500          | Cesar y Mario Arango       | HJ6FAC              |
| 4.925       | HJAP        | Cartagena       | 600          | Lequerica                  | HJ1ABP              |
| 9.630       | HJCT        | Bogota          | 5000         | Min. de Educacion Nacional | ----- (In const.)   |

HIGH FREQUENCIES (EST) - Continued from page 7.

With the 7200-7300 kcs. band due to open this September for broadcasting, a complete resume of the stations assigned to these frequencies might be of aid in identifying them as they take the air. These are also taken from the Official Berne lists.

| <u>Kcs.</u> | <u>Call</u> | <u>Location</u>             | <u>Power</u> | <u>Owner</u>                         |
|-------------|-------------|-----------------------------|--------------|--------------------------------------|
| 7206        | YNOD        | Managua, Nicaragua          | 70           | C. Delgado, F. v. de Lara            |
| 7210        | ----        | Tirana, Albania             | 3000         | Director General de P.T.T.           |
|             | ----        | India (Planned)             | ----         | All India Radio                      |
|             | PFR         | Kootwijk, Netherlands       | ----         | Admin. P.T.T. (In Construction)      |
|             | YDX         | Medan, Sumatra              | 500          | N.I.R.O.M.                           |
| 7220        | I2RO11      | Roma-Prato Smeraldo         | 50,000       | E.I.A.R.                             |
| 7230        | GSW         | Daventry, England           | 10-50 Kw.    | B.B.C.                               |
| 7240        | DXJ         | Zeesen, Germany             | 50,000       | D.R.P.                               |
|             | I2RO        | Roma-Prato Smeraldo         | ----         | E.I.A.R.                             |
|             | LLR         | Oslo, Norway                | 5000         | Norsk Rikskringkasting               |
|             | ----        | India (Planned)             | ----         | All-India Radio                      |
|             | ----        | Belgrade, Yugoslavia        | 10,000       | Minister de P.T.T. (In Const.)       |
| 7250        | ----        | Lyndhurst, Vict., Australia | 2000         | National Broadcasting Service        |
|             | ----        | Roma-Prato Smeraldo         | 50,000       | E.I.A.R.                             |
|             | PJCI        | Willemstad, Curacao         | 150          | Curacaosche Radio Vereeniging        |
| 7257.5      | JVW         | Tokyo, Japan                | 50,000       | Japan Wireless Tel. Co.              |
| 7260        | OZU         | Skamlebak, Denmark          | 6000         | Director General de P. et T.         |
|             | GSU         | Daventry, England           | 10-50 Kw.    | B.B.C.                               |
|             | GSW8        | Lisbon, Portugal            | 10,000       | Station Government                   |
| 7270        | DXM         | Zeesen, Germany             | 50,000       | D. R. P.                             |
|             | I2RO        | Roma-Prato Smeraldo         | ----         | E.I.A.R.                             |
|             | ----        | India (Planned)             | ----         | All-India Radio                      |
|             | ----        | Belgrade, Yugoslavia        | 10,000       | Minister des P.T.T. (In Const.)      |
| 7280        | ----        | Lyndhurst, Vict., Australia | 2000         | National Broadcasting Service        |
|             | ----        | Radio-Mondial, France       | ----         | ---- (TPB11 now in use)              |
|             | ----        | Roma-Prato Smeraldo, Italy  | 50,000       | E.I.A.R.                             |
| 7285        | JLG         | Tokyo, Japan                | 50,000       | Japan Wireless Tel. Co.              |
| 7290        | DJI         | Zeesen, Germany             | 50,000       | D. R. P.                             |
|             | ----        | India (Planned)             | ----         | All-India Radio                      |
| 7295        | YDA         | Tandjongpriok, Neth. Indies | 10,000       | International Telecommunications Co. |
|             | JIE         | Taihoku, Tiawan             | 10,000       | Japan Wireless Tel. Co.              |
| 7300        | VIG         | Port Moresby, Papua         | 3500         | Amalgamated Wireless, A/Asia, Ltd.   |
|             | ----        | Belgrade, Yugoslavia        | 10,000       | Min. des P.T.T. (In Const.)          |

Amateur VK6KW in Western Australia writes that the new Perth SW station should be in operation by December. It will operate with these calls and frequencies:  
6.130 mcs., VLW                      9.560 mcs., VLW2                      11.830 mcs., VLW3  
Power is 2 kilowatts. The National Broadcasting System of New Zealand is also planning a new SW station to operate with 500 watts as follows:  
6.080 mcs., ZL1 - 9.540 mcs., ZL2 - 11.780 mcs., ZL3 - 15.280 mcs., ZL4 - 17.77 mcs., ZL5  
Location will be Wellington, N.Z.

HIGH FREQUENCIES (EST) - By Earl R. Roberts

| Mcs.   | Call   | Location                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|--------|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 25.600 | WLXAR  | Boston, Mass., granted additional frequency to those already assigned, 11.730 and 15.130 mcs. (FCC)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 25.050 | ----   | WOKO, Inc., Albany, N.Y., granted CP for new facsimile broadcast station to operate on 25.050 mcs. conditionally, 500 watts. (FCC)                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 15.360 | DZG    | Zeesen, Germany, broadcast a program of music similar to that of India 9/4/39, at 1:15 P.M. (Roberts, Indiana)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 15.240 | YUA    | Belgrade, Yugoslavia, heard testing on this frequency irregularly around 6-7 and 8-9 P.M. to South and North America. (Jimmy Hart, N.J.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 15.230 | I2R014 | Rome, Italy, NEW transmitter testing until 7:30 P.M. At 3:15 P.M. the program is the same as that of 2R012, 15.10 mcs. (Roger Legge, N.Y., ERR)                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 15.170 | LKV    | Oslo, Norway, new schedule: 6:40 A.M.-6:00 P.M. (Roger Legge)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 15.155 | SBT    | Motala, Sweden, well received Wednesday and Saturday from 8-9 P.M. in parallel with SBP, 11.705 mcs. SBT also seems to be used Sunday mornings without SBP, and in afternoons SBP to about 4:15 P.M., then switches to SBU, 9.535 mcs. (R. B. Oxrieder, Canal Zone)                                                                                                                                                                                                                                                                                                                                        |
| 15.150 | YDC    | Bandoeng, Java, with PLP and PMN, seem to have extended evening schedule to around 9:00 P.M. instead of signing at 7:30 P.M. and has been heard in the Canal Zone as late as 8:40 P.M. (Oxrieder)                                                                                                                                                                                                                                                                                                                                                                                                          |
| 15.120 | SP19   | Warsaw, Poland, heard evenings during August (at least) frequently QRM'd by the third harmonic of YV5RN, 5.040 mcs. (Oxrieder)                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 14.800 | WEB    | Rocky Point, N.Y., seems to be the best contact for Europeans sending war news to the US chains. (Hart)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 13.740 | RIS    | Tiflis, Georgian S. S. R., broadcast in parallel with RKI, 15.04 mcs., an Italian program 8/29 starting at 3:00 P.M. (Charles Leboeuf, Mass.)                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 13.450 | GLH    | ---- England, believed to be a new facsimile station as no commercial traffic is heard, just calling New York and many technical terms. A signal similar to WOR's A4 signal is heard also. (Leboeuf)                                                                                                                                                                                                                                                                                                                                                                                                       |
| 13.410 | WCT    | San Juan, P.R., in contact with WOJ, 13.370, Hialeah, Fla., at 2:15 P.M. (Leboeuf)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 12.300 | VOFB   | St. John's, Newfoundland, contacted a Canadian station CJN5 (not heard) at 6:34 A.M., 8/22, R9 signal. (Roberts)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 12.290 | GBU    | Rugby, England, is on the air almost continually contacting New York and relaying programs for the networks. (Roberts)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 12.100 | ???    | Approximate frequency of a station that plays music and calls some station which sounds like "Mocca", or "Mocsa", in French, German, Italian, and about everything but English. After contact they play music until 4:15 P.M. and close down with no announcements. It is on about 4 times a week. Can anyone identify? (Jimmy Hart)                                                                                                                                                                                                                                                                       |
| 11.990 | ???    | Warsaw, Poland, heard on this new frequency relaying to New York, 8/25, at 7:15 P.M. (Leboeuf) The Berne List shows HFC, Warsaw, on this spot.                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 11.900 | XGOY   | Chungking, China, verified by letter from the Central Broadcasting Administration, Central Executive Committee of the Kuomintang. Schedule: 2-4:20 P.M. to China; 4:30-6:20 P.M. to England, France and Germany; 5:30-7:20 A.M. to Eastern USSR and Northeastern China; 7:20-8 A.M. to Japan; 8-9 A.M. to South China and South Sea Islands; 9:10-9:30 A.M. to USSR. XGOX, 17.80 mcs., operates from 9-10:30 P.M. for North America. On September 23, the frequencies will be changed to 9.500 mcs. for XGOY and 15.20 mcs. for XGOX. The letter is from T. Y. Woo, Deputy Director-General. (Roger Legge) |
| 11.810 | XGOK   | Canton, China, heard around 6:30 A.M. with very good signals. The station is so much louder that we presume the power has been increased. (Ralph Gozen, N.Y., Roberts)                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 11.783 | ----   | Radio Luxembourg heard signing around 6 P.M. with announcements in English, French, German, Spanish, and perhaps others. (Oxrieder, Hart) Has already verified with letter on two color stationery and enclosed schedule of programs. (See Schedules section) (Hart)                                                                                                                                                                                                                                                                                                                                       |
| 11.735 | LKQ    | Oslo, Norway, schedule: 6:00 P.M.-6:40 A.M. LLG is apparently off the air since the schedule has been crossed off. (Legge)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

HIGH FREQUENCIES (EST) - Continued from page 5.

| <u>Mcs.</u> | <u>Call</u> | <u>Location</u>                                                                                                                                                                                                                                                                                                                                                     |
|-------------|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 11.725      | JVW3        | Tokyo, Japan, is thought to be the Oriental station operating around 1:30-2:30 A.M., and again around 4 A.M. (Oxrieder)                                                                                                                                                                                                                                             |
| 11.690      | YUA         | Belgrade, Yugoslavia, testing irregularly around 9-10 P.M. (Hart)                                                                                                                                                                                                                                                                                                   |
| 11.400      | HBO         | Geneva, Switz., stays on the air Mondays until 10:30 P.M. with a North American program. (Neville Seymour, Md.)                                                                                                                                                                                                                                                     |
| 10.330      | ORK         | Brussels, Belgium, is again coming through good from 2-3 P.M. (Hart)                                                                                                                                                                                                                                                                                                |
| 10.080      | YV5RN       | Caracas, Vene., heard with R9 signal evenings, evidently the second harmonic. (Richard Daneker, Pa., Roberts)                                                                                                                                                                                                                                                       |
| 9.855       | EAQ         | Madrid, Spain, announces as "Radio Nacional EAQ" and broadcasts program for North and Central American Saturdays around 7-8 P.M. (Seymour)                                                                                                                                                                                                                          |
| 9.696       | ---         | NEW German station first heard 8/14 at 9-10 P.M. with R9 plus signal. An English announcement at 10:14 P.M. gave no mention of this frequency. (Roberts)                                                                                                                                                                                                            |
| 9.680       | ---         | NEW Paris Mondial station now signing on this frequency at 6 P.M. daily. (Hart)                                                                                                                                                                                                                                                                                     |
| 9.650       | IABA        | Addis Abeba, I.E.A., has been heard fine lately until sign off anywhere from 2:50 to 2:58 P.M. Their new verie card shows a shaded map of Ethiopia with Addis Abeba spotted like a target with the lines all around the dot. (Hart)                                                                                                                                 |
| 9.610       | DXB         | Zeesen, Germany, NEW transmitter now transmits twice daily from 2:15-2:30, and 4:15-4:30 P.M. and announces as an experimental station. Also heard at 7 P.M. with news in English irregularly. (Roberts, Hart)                                                                                                                                                      |
| 9.527       | ---         | Radio Luxembourg testing at irregular hours. (See Schedules) (Hart)                                                                                                                                                                                                                                                                                                 |
| 9.505       | YUG         | (or YUP) Belgrade, heard with excellent signals during the English newscast at 4-4:30 P.M. Following this they broadcast in Serb & Croat and other languages. The signoff hour is not known. (Leboeuf, Hart)                                                                                                                                                        |
| 9.175       | COCQ        | Havana, announces as 9.875, but heard nearer this frequency. (Clarius, N.Y.)                                                                                                                                                                                                                                                                                        |
| 8.185       | PSK         | Rio de Janeiro, Brazil, in parallel with PSH transmits the Brazil Hour at 6:15 P.M., logged 8/29. (Leboeuf)                                                                                                                                                                                                                                                         |
| 7.800       | COBF        | Havana, Cuba, NEW relay for CMBS, received around 8 P.M. Call may be COBS but as no CMBS is listed we presume the F is correct. (Oxrieder) Logged on approximately 7.770 mcs. 9/5. (Roberts)                                                                                                                                                                        |
| 6.910       | HI2H        | Trujillo City, D.R., heard with a special dance program, 8/19 between 12:30-1:30 A.M. (Roberts)                                                                                                                                                                                                                                                                     |
| 6.890       | HI6H        | Trujillo City shifted from 6.600 mcs. recently. (Oxrieder)                                                                                                                                                                                                                                                                                                          |
| 6.690       | NBP         | Floyd Bennett Field, N.Y., US Navy Reserve Station, received. (Leboeuf)                                                                                                                                                                                                                                                                                             |
| 6.680       | ---         | USN Planes "33-Cast" and "33-King" heard contacting NBP. (Leboeuf)                                                                                                                                                                                                                                                                                                  |
| 6.660       | ---         | The Steamers "S.S. Otto Riese", "S.S. Adriatic", "S.S. Island", and "S.S. Hampton" contact WMI, 6.470 mcs., between 7:30-8:50 A.M. (Leboeuf)                                                                                                                                                                                                                        |
| 6.190       | KGEI        | San Francisco, Calif., broadcast their inaugural program on this new frequency 9/4 signing off at 6:16 A.M. to reopen on 9.530 mcs. (Roberts)                                                                                                                                                                                                                       |
| 6.125       | MTCY        | The Central Broadcasting Station, Hsingking, Manchoukuo, heard around 6 A.M. with fairly good signal, programs being oriental. (Gozen, N.Y.; John DeMyer, Mich.; Roberts, Ind.)                                                                                                                                                                                     |
| 6.116       | ---         | "Radio Saigon", Indo-China, opens at 6:00 A.M. with a lady giving the latest news in English, announcing as "Radio Saigon calling" on the hour and quarter hour. At 6:15 a program of musical selections is broadcast with, usually, a few American dance tunes. Announces address as P.O. Box 412. (Oxrieder, Gozen, Legge, Roberts) Is best station on 49 meters. |
| 6.010       | HJ4DAX      | Medellin, thought to be the Colombian station heard here 8/13 signing at 9:18 P.M. with the organ solo "Indian Love Call." Relays LW also. (Roberts)                                                                                                                                                                                                                |
| 5.975       | VONG        | St. John's, Newfoundland, relaying VONF, signs at 8:30 P.M. Saturdays. Call announced every 15 minutes with NBC chimes. (Clarius, Leboeuf)                                                                                                                                                                                                                          |
| 5.941       | PJCI        | "Radio Curom", Curacao, again transmitting on this frequency. (Oxrieder)                                                                                                                                                                                                                                                                                            |
| 5.926       | HILJ        | San Pedro, D.R., shifted from about 5.913 mcs. (Oxrieder)                                                                                                                                                                                                                                                                                                           |
| 5.795       | OZ2W        | Rat Rapids, Ont., in contact with "Hudson ??" at 8 P.M. (Leboeuf)                                                                                                                                                                                                                                                                                                   |
| 5.672       | VFU         | Shediac, N.B., at 2 P.M. in contact with Royal Canadian planes. (Leboeuf)                                                                                                                                                                                                                                                                                           |
| 4.320       | ---         | Royal Canadian Air Force planes "RCA-F77" and "RCA-F78" in contact with VFU at 2 P.M. (Leboeuf)                                                                                                                                                                                                                                                                     |

HIGH FREQUENCIES (EST) - Continued from page 6.

| Mcs.  | Call  | Location                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-------|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 4.280 | COXF  | ----, Cuba, not certain of last letter, received with good signal asking for reports in Spanish. (Leboeuf)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 4.220 | WYL   | Barksdale Field, Shreveport, La., at 8:35 P.M.; WYJ, Chanute Field, Rantoul, Ill., at 8:30 P.M.; and WYU, Olmstead Field, Middletown, Pa., logged at 8:10 P.M., all Army stations. (Leboeuf)                                                                                                                                                                                                                                                                                                                                                                                                              |
| 3.410 | WWCA  | Lighthouse Tender "Hibiscus" at 6:30 P.M. and WWCE, Lighthouse Tender "Ilex" at 6:30 P.M. (Leboeuf) WWOD, Eastern Point Lighthouse, Mass.; WWOE, Chelsea Depot, Mass.; WNI; WWHI, in Toledo Harbor; WWO, LHT "Orchid"; WRG; WXXW; WWPZ; WPQ, Lightship No. 110, logged. (Fred Van Voorhees, N.Y.)                                                                                                                                                                                                                                                                                                         |
| 3.105 | KHBNZ | Airplane "Stinson 5", NC-18403, with 20 watts, heard while flying over Newport, R.I. (Leboeuf)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 2.738 | ---   | Ships heard recently: WCIU, Yacht "Rainbow"; WCND Yacht "Sorceress"; WCJY, Tug "Buchanan Sisters"; WCMF, Tug "Neptune"; WTCJ, Tug "Revere"; WOGK, Motor Sailer "Mako", formerly WLOXJF; KJSQ, Pilot Boat "New York"; WCYI, Yacht "St. Ann"; WTYD, Yacht "Troubler"; WTCG, Tug "Spisi"; WTCF, Steamer "Helen"; WCOZ, the "Ed. E. Warner", using 100 watts located at Cairo, Ill.; WTVI, Tug "Corona" and WTQZ, Tug "Coil", in the Houston Channel, Texas; and Coastal Harbour Station WJG, Memphis, Tenn., Practically all these are heard evenings, usually with R9 signals. (Voorhees, Leboeuf, Roberts) |
| 2.662 | NMY   | CG Station at Rockaway Point, N.Y., at 10:15 A.M. "Point Judith Lighthouse heard at 9:30 A.M. (Voorhees)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 2.490 | WRMF  | Nassau County Police Boat working WRGJ, Glen Cove, N.Y. at 10:30 A.M.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 2.198 | KMLC  | Yacht "Seapine", contacting WOX at 10 A.M. (Voorhees)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

NEW CALLS FOR USA INTERNATIONAL BROADCAST STATIONS

Now operating under regular rather than experimental licenses, all international shortwave broadcast stations will hereafter be permitted to use four-letter calls. Most of the new calls have already been issued, though NBC and CBS have yet to be assigned all of theirs. These calls sent through the courtesy of S. C. Kellenberger, Riverside, Illinois, as listed in the magazine "Broadcasting."

KGEI, General Electric Co., San Francisco, Calif., formerly W6XBE.

WCAI, WCAU Broadcasting Co., Newton Square, Pa., formerly W3XAU.

WBOS, Westinghouse Electric & Mfg. Co., Millis, Mass., formerly W1XX.

WCBI, Chicago Federation of Labor, Chicago, formerly W9XAA.

WDJM, Isle of Dreams Broadcasting Co., Miami, Fla., instead of W4XB.

WGEA, General Electric Co., Schenectady, N.Y., instead of W2XAD.

WGEO, General Electric Co., Schenectady, N.Y., instead of W2XAF.

WPIT, Westinghouse Electric & Mfg. Co., Saxonburg, Pa., formerly W8XX.

WSLA, World Wide Broadcasting Corp., Boston, formerly W1XAL.

WSLR, World Wide Broadcasting Corp., Boston, formerly W1XAR.

WLWO, Crosley Corp., Mason, Ohio, formerly W8XAL.

According to the World Wide Listener from W1XAL, that station has changed call to WSLR instead of WSLA as listed. W1XAR is not mentioned at all but tuning them on 11.73 mcs. 9/6/39, we understood the call to be WRUL as given in Spanish. Other new calls recently assigned and identified by the writer are: WRCA, New York City, formerly W3XAL. WNBI, New York City, formerly W3XL. Although WCAI was used by the former W3XAU, 9.59 mcs., on previous broadcasts, on 8/26, the call was changed to WCAB according to all announcements.

HIGH FREQUENCIES (EST) - By Earl R. Roberts

| Mcs.   | Call  | Location                                                                                                                                                                                                                                                     |
|--------|-------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 17.620 | IBC   | Radio Rome San Paolo, has recently inaugurated a daily news bulletin service at 5:00 A.M. (R.M.A.)                                                                                                                                                           |
| 15.505 | CMA5  | Havana, was heard at 6:50 P.M. (Tom Denny, Indianapolis)                                                                                                                                                                                                     |
| 15.240 | YUG   | Belgrade, Yugoslavia, is being widely received. Reported at 9 P.M., 7:30 P.M. and signing off at 8:50 P.M. once. (Carroll Weyrich, Md.; Denny, Roberts, Indiana)                                                                                             |
| 15.190 | OIE   | Lahti, Finland, logged with R7 signal from midnight to 1 A.M. and heard at 3:10-3:30 P.M. one Wednesday with news and piano music. (Weyrich; Robert L. Blanchard, N.Y.)                                                                                      |
| 15.160 | JZK   | Tokyo, now heard on the midnight-1 A.M. program again. (Weyrich)                                                                                                                                                                                             |
| 14.485 | HPF   | Panama City, relayed a program to NBC at 10 P.M. (Roberts)                                                                                                                                                                                                   |
| 12.080 | ----  | Unidentified station heard with same program as OIE, Finland, between 12-1 A.M. This may be a new frequency. (Weyrich)                                                                                                                                       |
| 11.900 | XGX   | Yunnan, China, has now replaced XGOY, bombed by the Japanese on September 3. English news is read at 6:15 and 9 A.M. (Charles Leboeuf, Mass.; IDA)                                                                                                           |
| 11.835 | ----  | "Radio Andorra", Andorra, has been testing since August. (IDA)                                                                                                                                                                                               |
| 11.775 | MTCY  | Hsingking, Manchoukuo, now operating 1:30-2:30 A.M. for North America; 9:50-10:50 A.M. and 11-11:50 A.M. for Europe. (IDA, Norman Kriebel, Pa.)                                                                                                              |
| 10.600 | ZIK2  | Belize, British Honduras, has again returned to this frequency, heard each Tuesday, Thursday, and Saturday, at 8:30 and 1:30 P.M. The schedule was announced as being on daily at this hour but ye writer fails to hear them on this schedule yet. (Roberts) |
| 10.052 | ----  | German Freedom Sender, approximate frequency, is again heard at 4:00 P.M. with fair volume. (Leboeuf) Reported as on about 9.921 mcs. from 4:15 to 4:52 P.M. and saying "Down with the Gestapo and down with Hitler." (Jimmy Hart, N.J.)                     |
| 9.680  | ----  | Paris Mondial's new 100 Kw. transmitter is received with excellent signals from 7 P.M.-12:45 A.M. (Weyrich, Roberts)                                                                                                                                         |
| 9.610  | DXB   | Zeesen, Germany, logged at 3:00 P.M. (Denny)                                                                                                                                                                                                                 |
| 9.590  | VUD3  | Delhi, India, is R9 plus at 6:30 A.M. until they begin fading out at about 7:40 with Oriental music. With VK6ME off the air there is no QRM. (Jimmy Hart, Roberts)                                                                                           |
| 9.505  | YUC   | Belgrade, Yugoslavia, heard R9 with English news at 4:15 P.M. daily, sign off at 5:30 P.M. (Hart, Weyrich, Denny, Roberts)                                                                                                                                   |
| 9.500  | VK3ME | Melbourne, is also off the air at present and it is believed that VPD2, 9.540 mcs., Suva, has ceased activities. (Jimmy Hart)                                                                                                                                |
| 7.660  | YNDG  | Leon, Nicaragua, received on this frequency at 8:45 P.M. (Tom Denny)                                                                                                                                                                                         |
| 7.510  | TN7   | U. S. Army station at Kelly Field, heard several nights from 10:50-11:20 P.M. instructing student pilots in night landing of planes. (Roberts)                                                                                                               |
| 7.230  | GSW   | Daventry, now transmitting from 1:00-3:15 A.M. (Denny, Hart, Roberts)                                                                                                                                                                                        |
| 6.660  | ----  | The following ships heard from 7:30-8:30 A.M. contacting WMI, 6.470 mcs., Lorain, Ohio: WNWK, S.S. Arcturus; WNWV, S.S. C. H. McCullough, Jr.; WCVU, S.S. C. S. Robinson; WNPB, S.S. Canopus; WCGI, S.S. John Sherwin; WCVT, S.S. J. A. Campbell. (Leboeuf)  |
| 6.450  | COHI  | NEW relay for CMHI, Santa Clara, Cuba, now transmitting nightly with announcements on the hour and half hour. (Roberts)                                                                                                                                      |
| 6.100  | YUA   | Belgrade, Yugoslavia, again coming in R7 at 1:45 A.M. (Weyrich) Has already verified reception of 8/14 with new type card, white with light blue call YUA in 2" letters. (Hart)                                                                              |
|        | ZHJ   | Perang, Stratis Settlements, is definitely the station heard around 6 A.M. and previously thought to be KZRH. A Chinese program is usually heard from 6-6:40 A.M., then a clock strikes and announcements are made in English. (John DeMyer, Mich.)          |
| 5.980  | VONG  | St. John's, Newfoundland, received at 7:30 P.M. with news in English and NBC gongs on the hour and half hour. Later considerable CW QRM noticed. (Denny, Roberts)                                                                                            |
| 5.795  | CZ2W  | Rat Rapids, Ontario, was R8 at 11:14 P.M. contacting an unidentified station on the same frequency. Heard on 7.50 mcs. at 11 P.M. (Roberts)                                                                                                                  |

HIGH FREQUENCIES (EST) - Continued from page 5.

| Mcs.   | Call  | Location                                                                                                                                                                                                                                                                                                                                                                 |
|--------|-------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 5.643  | VFP   | Porquis Junction, Ontario, heard at 6 A.M. VFBN, Wagaming, Ont., Trans-Canada Airways logged at 9 P.M. (Leboeuf)                                                                                                                                                                                                                                                         |
| 5.455  | IDR   | Radio Rome San Paolo, Italy, broadcasts a news bulletin daily at 4:00 P.M. (R.M.A.)                                                                                                                                                                                                                                                                                      |
| 4.860  | CZ5L  | Mud Lake, Quebec, 40 watts, logged at 6 A.M. (Leboeuf)                                                                                                                                                                                                                                                                                                                   |
| 4.500  | CID-2 | Quebec City, at 9:30 P.M.                                                                                                                                                                                                                                                                                                                                                |
| 4.495  | ----  | U.S. Army plane "8506" heard at 9:15 P.M. reporting to WYJ, Chanute Field, gave its location as 50 miles NE of Lincoln, Nebraska. (Leboeuf)                                                                                                                                                                                                                              |
|        |       | Army plane "8523" flying between Miami and Washington in contact with WZC, Miami, Florida.                                                                                                                                                                                                                                                                               |
| 4.440  | WLEE  | S.S. Washington in contact with GLRZ, S.S. Aquitania, 4.177 mcs., a new ship frequency. (Leboeuf)                                                                                                                                                                                                                                                                        |
| 4.220  | ----  | These U.S. Army stations heard: WYE, Selfridge Field, Mt. Clemens, Mich. at 9:15 P.M.; WZC, Chapman Field, Miami, Fla. at 9:07 P.M.; WYS, Sherman Field, Ft. Leavenworth, Kansas, at 9:30 P.M.; WYW, Atlanta Field, Atlanta Ga., at 7:15 P.M.; WYI, Pittsburgh Field, Pittsburgh, Pa., at 9 P.M.; WYB, Bolling Field, Washington, D.C.; WYC, Langley Field, Langley, Va. |
| 3.410  | ----  | Lighthouse and Lighthouse Tender stations logged as follows: WWXO, LHT Maple, at 5:30 P.M.; WWXK, LHT Narcissus, at 8:45 P.M.; WWBM, Execution Rock Light, at 6 A.M. (Leboeuf)                                                                                                                                                                                           |
| 3.4025 | ----  | Additional stations on this lower frequency: WWQY, LHT Magnolia, in Cat Island Pass, Louisiana, at 8:45 P.M.; WWDE, LHT Cherry, at 8:30 P.M.; WWDF, LHT Crocus, at 8:30 P.M.; WWCI, LHT Larkspur, at Chandelier Light-station, Louisiana, heard R9; WWHO, LHT Jasmine, off Galveston, Texas, contacting WWEE, LHT Camelia, off New Orleans, at 8:45 P.M.                 |
| 3.105  | KHERQ | Plane NC14793, Fairchild 24, 30 watts, heard while flying over Binghamton N.Y. (Leboeuf)                                                                                                                                                                                                                                                                                 |
| 2.930  | KHCPL | Goodyear Blimp "Rainbow", NC-9-A; KHPOL, Blimp "Enterprise", NC-16-A; and the Blimps "Resolute" and "Reliance" in contact with Bendix Field, at 8:25 P.M. They can also operate on 3.105, 5.520 and 6.615 mcs. (Leboeuf)                                                                                                                                                 |
| 2.738  | ----- | The number of ships in the Atlantic, Pacific, Gulf of Mexico, or on River that can be heard on this frequency at all hours of the night is too large to list. Charles Leboeuf and ye writer have both heard them by the dozens. When other bands are dull, they make interesting DX.                                                                                     |
| 2.670  | NRGF  | U.S. Coast Guard 165' Patrol Boat "Galatea" out of Stapleton, N.Y. heard at about 8 P.M. NRUK, USCG 250' Cruising Cutter "Saranac" logged. Lightships and houses are also being heard on this frequency now. WWEN, Scotland Lightship; WPQ, Pollock Rip Lightship, Mass; WWQZ LHT Speedwell.                                                                             |
| 2.530  | ----  | Southwestern Bell Telephone Co. has been granted CP for a coastal harbor station at Galveston, Texas, 400 watts. (FCC)                                                                                                                                                                                                                                                   |
| 2.320  | TGWC  | Guatemala City, is heard well on the DX programs Sunday mornings. (Robert                                                                                                                                                                                                                                                                                                |
| 2.198  | HIXF  | Dominican Yacht "Ramfest", 75 watts, in contact with WOX while 1000 miles out to sea. (Leboeuf)                                                                                                                                                                                                                                                                          |
| 2.182  | ----  | Prince Rupert, B.C. Radio, heard in contact with ships. (Leboeuf)                                                                                                                                                                                                                                                                                                        |

\*\*\*\*STATION NOTES\*\*\*\*

Desmond Callan, Readville, Mass., advises that WCBI, formerly W9XAA, 6.080 mcs., has advised that all operations of this station have been discontinued indefinitely, probably not to be resumed. Also that W9XF, 6.10 mcs., was deleted from the FCC list some time last year. Latest FCC releases advise that the application of W9XAA has been cancelled.

GREECE - The international radio transmitting center which has been under construction near the village of Spata the past two years is expected to be in full operation this month. Frequencies and calls assigned as follows:

|                 |                 |                  |
|-----------------|-----------------|------------------|
| 6.885 mcs., SVD | 9.695 mcs., SVI | 10.705 mcs., SVN |
| 7.228 mcs., SVL | 9.825 mcs., SVJ | 12.195 mcs., SVP |
| 7.805 mcs., SVG | 9.935 mcs., SVM | 13.640 mcs., SVQ |
| 9.030 mcs., SVH |                 | 15.015 mcs., SVT |

Power is to be 10 Kw. and transmission of both CW and phone is possible. (Berne)

HIGH FREQUENCIES (EST) - Continued from page 6.

The Tropical Radio Telegraph Co., Managua, Nicaragua, is planning construction of a broadcast station to operate as YNAA, with 500 watts power on 6.035, 9.530, and 11.890 mcs.

The Government of Nicaragua also plans to operate a station as YNMA, 500 watts, on 6.140, 9.570, and 11.750 mcs.

The National Government of Venezuela has licensed several stations for radio-broadcasting. YVKB, 6.172 mcs.; YVSC, 9.640 mcs.; YVOR, 11.725 mcs.; and YVPX, 15.315 mcs., all with 30 Kw.

New stations are being built for operation in 1940 on Cocos and Turks Islands. Using only 20 watts power, they will work on 5.795 mcs., phone only.

CNW2, 5.884 mcs., 2 Kw., is in operation on both telephone and telegraph, located in Tangier, International Zone, but under French control.

Egyptian State Telephone and Telegraph Co., has reserved frequencies for "Radio Cairo", as a broadcast service only, 500 watts, on 6.010, and 11.780 mcs.

A new station is also planned for Rangoon, Burma, under government control, and for broadcast service, to operate on: 6.002, 9.590, and 6.047 mcs.

From the latest Berne supplement, we learn of two Indo-Chinese stations very close in frequency, both in Saigon. One is operated by Ste. Indochinoise de Radiodiffusion, with 12 Kw. on 11.780 mcs., the other by Etablissements Coppin, Tran-Hoa & Bret., on 11.786 mcs., 500 watts power. No calls are assigned yet. The first company mentioned also operates FZS3, Saigon, 9.620 mcs., 12 Kw. as a broadcast station, and one on 6.11.

Although practically every publication lists the Addis Ababa station on 9.650 mcs. with the call IABA, according to the Berne supplement, the official call assigned is actually I2AA. Power is 5 Kw. and a large number of frequencies are assigned.

\*\*\*SPECIAL PROGRAMS\*\*\*

Saturday, October 21, TAP, 9.465 mcs., Ankara, Turkey, 4:10-4:55 P.M. for the International SW Club of East Liverpool, Ohio, Tuesday, October 24, 2R03, 2R04, 2R06, and IRF, 7:40-8:40 P.M. for ISWC. Not yet certain is the program for Saturday, October 14, over LKV, 15.17 mcs., 5-5:30 P.M. These were arranged by Desmond Callan.

NEW CALLS

W2XE is now WCBX. WLXAL, changed to WSLA, has again changed to WRUL. WLXAR, formerly assigned WSLR, is now using WRUW.

HIGH FREQUENCIES (EST) - By Earl R. Roberts

| <u>Mcs.</u> | <u>Call</u> | <u>Location</u>                                                                                                                                                                                                                                                                                                                                                                             |
|-------------|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 43.400      | ----        | Bamberger Broadcasting Service, Inc., New York, granted CP for new high frequency broadcast station, 1 Kw. (FCC)                                                                                                                                                                                                                                                                            |
| 42.600      | ----        | WHEC, Inc., Rochester, N.Y., granted CP for same, 1 Kw. (FCC)                                                                                                                                                                                                                                                                                                                               |
| 15.410      | RV99        | Moscow, signs on daily at 5 A.M. to about 8 A.M. (Callan, Mass.)                                                                                                                                                                                                                                                                                                                            |
| 15.243      | ----        | Paris Mondial new 100 Kw. transmitter received R9 plus signing at 1:30 P.M., 10/15, and requesting reports on this station. (Roberts, Indiana)                                                                                                                                                                                                                                              |
| 15.200      | XGX         | Yunnan, China, received at about R5 with news in English daily at 9:50 P.M. (Callan)                                                                                                                                                                                                                                                                                                        |
| 11.800      | ????        | Chinese station heard here at 6 A.M. on too weak to identify. Is this XGOK, Canton, formerly on 11.820 mcs.? (Callan)                                                                                                                                                                                                                                                                       |
| 11.780      | ----        | Radio Saigon, Indo-China, now being used in parallel with Radio Saigon on 6.116 mcs. News in English daily from 6-6:45 A.M. with musical program. Mailbag every Tuesday 6:15-6:25 A.M. Desmond Callan reports hearing ye writer's report to the 6.116 mcs. frequency read over 11.78 mcs. News in English given by a woman. (Roger Legge, N.Y.; Callan, Mass.; Tom Denny, Roberts, Indiana) |
| 9.710       | DXB         | Zeesen, Germany, heard on this frequency signing on the air at 4:50 P.M. in parallel with DJD and DJL for the North American programs. Previously we had noted DXBon 9.610 mcs. so they possibly use both. (Roberts)                                                                                                                                                                        |
| 9.520       | ----        | Unidentified station thought to be Chinese heard from 5 A.M. on daily, blanketed by KGEI after 7 A.M. No English used. (Callan) Could this be ZBW3, Hong Kong, 9.525 mcs.?                                                                                                                                                                                                                  |
| 7.010       | XPSA        | Kweiyang, China, heard at 6:15 A.M. (Tom Denny)                                                                                                                                                                                                                                                                                                                                             |
| 6.720       | PMH         | Bandoeng, Java, is being heard well at 6:40 A.M. (Denny)                                                                                                                                                                                                                                                                                                                                    |
| 6.350       | COCO        | Havana, Cuba, now received on this frequency. (Denny)                                                                                                                                                                                                                                                                                                                                       |
| 6.200       | CP5         | La Paz, Bolivia, heard with fine signal, 9-11 P.M., relaying CP4. (Legge)                                                                                                                                                                                                                                                                                                                   |
| 5.730       | ----        | "San Fernando" calling "El Centro" in Spanish at 8:35 P.M., thought to be in Mexico. (Roberts)                                                                                                                                                                                                                                                                                              |
| 5.690       | HJF3        | Somewhere in Colombia, R7, at 8:02 P.M. calling in English "HJF3 testing on 5690 kilocycles" over and over. Mentioned the pipe line had been bleeding from 6-8 P.M. but had slowed down somewhat. (Roberts)                                                                                                                                                                                 |
| 3.500       | YV5RV       | "La Guaira", Venezuela, relaying YV5RZ, heard evenings with fair signal but usually covered by CW QRM. (Roger Legge)                                                                                                                                                                                                                                                                        |
| 3.410       | WWOO        | Lighthouse or Lightship station heard working WWHO and WWEE at 7:50 P.M. (Roberts)                                                                                                                                                                                                                                                                                                          |
| 3.390       | EO1         | Indiana National Guard plane #1 flying over Monument Circle, Indianapolis received R9 plus at 3:30 P.M. calling DIV, the portable ground unit of the 38th Divisional Headquarters, on the Circle. (Roberts)                                                                                                                                                                                 |
| 2.738       | ----        | Several ships heard in QSO's evenings: WCHO working WCHN; WTXO; and WDHU. (Denny, Roberts)                                                                                                                                                                                                                                                                                                  |

\*\*\*STATION NOTES\*\*\*

Additional Venezuela stations operating in the "Tropical Band" are: YV5RW, 3.4 mcs., "Radio Tropical", Caracas; YV5RV, 3.5 mcs., "Emisora Vargas", La Guaira; and YV3RF, 3.49 mcs., "La Voz del Llano", Ave. 5 Diciembre, Acarigua, Edo, Portuguesa. (IDA)

American Telephone and Telegraph Co., Hialeah, Florida, has been granted CP for new point-to-point radiotelephone stations to operate on 10.790 and 14.510 mcs., 400 watts, to communicate primarily with: Panama City; San Jose, C.R.; Managua, Nica; Tegucigalpa, Honduras; La Lima, Honduras; Guatemala City; and San Salvador. A second station will operate on 10.1975 mcs., 400 watts, to communicate primarily with: Ciudad Trujillo, D.R.; Port au Prince, Haiti; Caracas, Venezuela; Kingston, Jamaica; Barranquilla, El Centro, and Bogota, Colombia. (FCC)

From the latest Berna supplement the following data may prove of interest. French Indo-China is going in quite heavily for new broadcast stations. Hanoi, Tonkin has under construction a station to operate on 4.835, 4.959, and 9.670 mcs. Saigon is constructing a station to work on 9.524 and 11.830 mcs. Phongsaly will operate as a point-to-point station on 9.720 mcs. Additional Indo-China stations are being planned for 4.846, 4.862, 4.897, 4.907, and 4.922 mcs., no locations yet decided.

HIGH FREQUENCIES (EST) - Continued from page 5.

VP3BG, Georgetown, British Guiana, has been licensed to use 4.885 mcs., 200 watts, in addition to the normal frequency of 6.130 mcs.

XEQQ, 6.030 mcs.; 5 Kw., is operated by Radio Panamericana, S.A. XEXO, 6.035 mcs., 50 watts, Oaxaca, Oax., also a broadcast station, is operated by Gobierno del Estado. XEQQ is located in Mexico City.

Official calls of the new Belgrade, Yugoslavia, transmitter are: YUA, 6.100 mcs., the old 1 Kw. rig; YUB, 6.100 mcs., the new 10 Kw. station; YUC, 9.505 mcs., 10 Kw.; YUD, 9.505 mcs., 10 Kw., with directive antenna; YUE, 11.735 mcs., 10 Kw., with directive antenna; YUF and YUG, 15.240 mcs., 10 kw., both with directional antenna. It is noted that each frequency excepting 11.735 mcs., has been assigned two call letters.

Actual frequencies assigned some of the Cuban stations are: COCO, 8.700 mcs.; COCQ, 8.845 mcs.; COKG, 8.942 mcs.; and COHI, 11.775 mcs. But as we all know the Cubans seldom stay on their assigned frequencies for long.

New Holland broadcast stations under construction are PFP, 25.610 mcs., and PFQ, 26.300 mcs., both in Kootwijk.

The Societa Italo Radio is building new point-to-point phone and CW stations to work as IFH, Roma Torrenova, on 7.000 mcs., 30 Kw., and IFJ, Roma Torrenova, 9.160 mcs. 30 Kw.

LLS, 7.210 mcs., 5 Kw., Tromso, Norway, owned by Norsk Rikskringkasting, and HAD2, 7.220 mcs., 5 Kw., Budapest Szekesfehervar, Hungary, operated by Postes royales hongroises, may be added to the list of 40 meter broadcast stations published in the August 15th issue of the bulletin.

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A complete revised schedule of news broadcasts in English from Rome has been received from the R.M.A.

|                             |                             |                          |
|-----------------------------|-----------------------------|--------------------------|
| 6:00 A.M.- 2R04, 11.81 mcs. | 1:18 P.M.- 2R04, 11.81 mcs. | 7:30 P.M.- 2R03, 9.63 mc |
| 2R08, 17.82 mcs.            | 2R03, 9.63 mcs.             | 2R04, 11.81 mc           |
| 11:00 A.M.-2R04, 11.81 mcs. | 6:16 P.M.- 2R09, 9.67 mcs.  | 2R06, 15.30 mc           |
| 2R06, 15.30 mcs.            |                             |                          |

HIGH FREQUENCIES (EST) - By Earl R. Roberts

| Mcs.   | Call  | Location                                                                                                                                                                                   |
|--------|-------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 42.600 | WLXSN | East Springfield, Mass., granted license for high frequency broadcast station, power 1000 watts. (FCC)                                                                                     |
| 42.380 | WLXKB | East Springfield, Mass., granted license for same type of station. (FCC)                                                                                                                   |
| 11.890 | XGOY  | China, no location mentioned as yet, is again being heard in place of XGX, Yunnan. News in English by lady from 6:15-6:25 A.M. Signal R9 plus. (Desmond Callan, Mass.; Tom Denny, Indiana) |
| 10.290 | DZC   | Zeesen, Germany, is broadcasting evenings around 6:15 P.M. and later. (Roberts, Indiana)                                                                                                   |
| 7.645  | WMI   | Lorain, Ohio, heard on this new frequency at 8:02 P.M. (Tom Denny)                                                                                                                         |
| 7.495  | ----  | Unidentified Spanish speaking station, weak signal, heard at 8 P.M. Is this EAJ43? (Denny, Roberts)                                                                                        |
| 6.705  | HILQ  | Dominican Republic, received at 11:20 P.M., 10/19, with two men calling Bogota in Spanish. (Denny)                                                                                         |
| 6.420  | HILF  | Santiago de los Caballeros, D.R., NEW station, received evenings with strong signals at 8 P.M. advertising RCA Victor, sometimes followed at 8:10 P.M. by an Oriental program. (Roberts)   |
| 6.410  | TGWB  | Guatemala City, has changed frequency from 6.436 mcs., received here after 8:30 P.M., modulation usually rather poor. (Roberts)                                                            |
| 6.380  | TGQA  | Quezaltenango, Guatemala, seems to be lower than their listed frequency of 6.400 mcs. (Roberts) A check on this will be appreciated.                                                       |
| 6.150  | HJDE  | Medellin, Colombia, now using their new call and well received. (Roberts)                                                                                                                  |
| 3.490  | YV3RF | Portuguesa, Venezuela, may be heard when static level is low and not too much CW QRM on this frequency. Usually best at 8 P.M. (Roberts)                                                   |

\*\*\*STATION NOTES\*\*\*

CP9, 6.000 mcs., 1 Kw., Oruro, Bolivia, operated by Cia Radio Boliviana, has been licensed for radiobroadcasting. (Berne Official List)

HPX6, 6.000 mcs., 100 watts, Panama City, is used occasionally for official broadcasts, operated by Republic of Panama Government.

The Administration of Posts and Telegraphs of Siam (now known as Thailand) has two broadcasting stations in the 49 meter band: HSPP, 6.005 mcs., and HSPP, 6.150 mcs., both with 2500 watts power, and in Bangkok.

KZIE, 9.500 mcs., may also use 6.040 mcs., with 1 Kw. power and may be using this frequency now in parallel.

Argentina is planning to build new broadcast stations and has reserved a number of frequencies for future use: 6.040, 6.110, 9.520, 9.545, 11.785, 11.840, and 15.350.

The new 50 Kw. broadcast station in Canada has reserved the following frequencies 6.060, 6.160, 9.630, 11.705, 15.190, 17.810, 21.710, and 25.620 mcs.

An experimental broadcast station operates in Baghdad, Iraq as YIE, 6.135 mcs., 150 watts; and YIF, 6.705 mcs., 300 watts; YIH, 13.410 mcs., 300 watts.

Another Baghdad station under the Director General of Posts and Telegraphs is assigned these calls and frequencies: HNE, 6.188; HNF, 9.683; HNG, 11.724; HNH, 15.145 and HNI, 17.815 mcs., power is 5000 watts.

Not to be outdone by its neighbor, Iran, is also building shortwave stations to work as EQB, 6.155 mcs., and EQC, 9.680 mcs., 20 Kw., as broadcast service. Location is Teheran.

Yserny Saccarello have licensed ZP8, 11.850 mcs., 120 watts, Asuncion, Paraguay, for broadcasting service.

Under construction is ORY, 11.850 mcs., 45 Kw., Ruiselede, Belgium, for programs to be directed toward the Belgian Congo.

HIGH FREQUENCIES (EST) - By Earl R. Roberts

| Mcs.   | Call   | Location                                                                                                                                                                                                                                                                                                                                                                   |
|--------|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 15.640 | RKB    | Moscow, USSR, believed to be the Russian heard phoning, R6, at 12:15 A.M., 10/26. (Roberts, Indiana)                                                                                                                                                                                                                                                                       |
| 15.340 | DJR    | Zeesen, Germany, transmitting from midnight on for Asia. (Callan, Mass.)                                                                                                                                                                                                                                                                                                   |
| 15.290 | VUD4   | Delhi, India, received R9 plus at 10:00 P.M. (Desmond Callan)                                                                                                                                                                                                                                                                                                              |
| 15.240 | YUF    | Belgrade, Yugoslavia, heard at 8:15 P.M. (Fred Van Voorhees, Pa.)                                                                                                                                                                                                                                                                                                          |
| 15.230 | OLR5A  | Prague, Bohemia, well received at 8:45 P.M. (Van Voorhees)                                                                                                                                                                                                                                                                                                                 |
| 15.200 | XGOX   | Linkiang, in Northern Yunnan province, is thought to be the new location of the former Chungking station. The same applies to XGOY, 11.9 mcs. (Desmond Callan, Mass.)                                                                                                                                                                                                      |
| 14.970 | ----   | Unidentified Russian phone station with both girl and man calling heard R7 at 12:10 A.M. (Roberts)                                                                                                                                                                                                                                                                         |
| 14.535 | HBJ    | Geneva, Switzerland, received well at 9:15 P.M., 10/25. (Van Voorhees)                                                                                                                                                                                                                                                                                                     |
| 11.740 | ----   | Unidentified station received 10/25 playing the French National Anthem at 8:05 P.M. Any help? (Tom Denny, Indiana)                                                                                                                                                                                                                                                         |
| 10.290 | DZC    | Nauen, Germany, used from 4:50-9:00 P.M. for the South American program, in parallel with DJP, DJQ, DJN, and DJA. (Callan)                                                                                                                                                                                                                                                 |
| 9.730  | HJFK   | La Voz de Pereira, Colombia, is thought to be the station received on this new frequency at 8:19 A.M., 10/29. The call was received clearly but we are not certain of the slogan or location. (Roberts)                                                                                                                                                                    |
| 9.705  | HJCF   | La Voz de Bogota, Colombia, is definitely the station heard just under Radio Martinique with news in an extremely rapid-fire Spanish at 11:00 P.M. Signs at 11:10 P.M. with a march. (Roberts)                                                                                                                                                                             |
| 9.625  | CXA6   | Montevideo, Uruguay, is being received with such a tremendous increase in signal strength that we believe the power to have been at least doubled. (Roberts)                                                                                                                                                                                                               |
| 9.510  | HS8PJ  | Bangkok, Thailand, heard well Sunday, 10/29, from as early as 7:40 A.M., when their schedule gives the starting hour as 8:00 A.M. At 8 A.M. the gong struck 8 times, followed by a short march selection and announcements by a man. (Roberts)                                                                                                                             |
| 9.475  | VONG   | St. John's, Newfoundland, received on this new frequency 10/30, relaying the news from London from 7:30-8 A.M., announcing as "VONF and VONG." Signal R9 but somewhat ruined by strong CW at times. (Roberts)                                                                                                                                                              |
| 9.370  | COBC   | Havana, Cuba, now on this new frequency evenings. (Roberts)                                                                                                                                                                                                                                                                                                                |
| 6.995  | CLX    | Havana, meteorological station, has a schedule with a similar station, XBA, Tacubaya, Mexico, 6.977 mcs., around 9:35 P.M. nightly for the exchange of weather reports. Both stations R9 signals.                                                                                                                                                                          |
| 6.790  | PZH    | Paramaribo, Suriname, official schedule: Tuesdays and Fridays, 5:40-8:40 P.M.; Sundays, 8:40-10:40 A.M.; the first and third Thursdays of the month, 6:40-8:40 P.M. EST. Power only 25 watts. (Roberts)                                                                                                                                                                    |
| 6.645  | BI-25  | Bombing Plane in contact with ground station OZ-6 at 9:10 A.M. (Leboeuf)                                                                                                                                                                                                                                                                                                   |
| 6.640  | WYE    | Selfridge Field, Mt. Clemens, Mich., contacting planes "MO-1" and "JL-2" at 9:05 A.M., all heard in Massachusetts. (Leboeuf)                                                                                                                                                                                                                                               |
| 6.490  | WVAM   | Ft. Monmouth, N.J., U.S. Army station, at 10:20 A.M. (Leboeuf)                                                                                                                                                                                                                                                                                                             |
| 6.425  | W9XTD  | Lake Bluff, Ill., heard testing at 7:36 A.M., 10/29, R9 plus. (Roberts)                                                                                                                                                                                                                                                                                                    |
| 6.290  | WYJ    | Chamute Field, Rantoul, Ill., at 7:45 P.M. (Leboeuf)                                                                                                                                                                                                                                                                                                                       |
| 6.150  | HJCD   | Bogota, Colo., has a fine signal till sign off at 11:25 P.M. (Roberts)                                                                                                                                                                                                                                                                                                     |
| 6.020  | HJ3CAX | La Voz de Colombia, Bogota, heard fairly well till sign off at 11:35 P.M., still using the old call letters. (Roberts)                                                                                                                                                                                                                                                     |
| 5.899  | VP7XA  | Thought to be in Bermuda in contact with ZFS at 6:35 P.M. (Leboeuf) The VP7 prefix is assigned to the Bahamas.                                                                                                                                                                                                                                                             |
| 5.695  | ----   | Shortwave stations in Colombia, one at Concepcion, another at Tara, etc., with calls sounding like HJF2, HJ4A, HJ3--, etc., heard in QSO in English. These are evidently operated by mining companies. (Leboeuf)                                                                                                                                                           |
| 4.960  | VUD2   | Delhi, India, again being received with R9 signals at 7:20 A.M., with other Indian stations- VUM2, 4.920, Madras, R9; VUB2, 4.880, Bombay, R8; VUC2, 4.840, Calcutta, R6. At 7:30 A.M. the announcement is given as "All India Radio" and the 4 stations in parallel give news in English. (Robert VUD2, 9.590 mcs., on at the same time has a different program entirely. |

HIGH FREQUENCIES (EST) - Continued from page 5.

| Mcs.  | Call     | Location                                                                                                                                                                                                                                                                                                                                                              |
|-------|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 4.420 | WYR      | Jacksonfield Field, Florida, received at 7:30 P.M. WZF, Marshal Field, Fort Riley, Kansas, at 7:35 P.M. WZI, Post Field, Ft. Sill, Okla., at 7:40 P.M. (Leboeuf)                                                                                                                                                                                                      |
| 3.520 | YV5RV    | "La Guaira", Venezuela, is received with better signals lately but seems to be operating slightly higher than their assigned 3,500 mcs. (Denny)                                                                                                                                                                                                                       |
| 3.490 | YV3RF    | Portuguesa, Venezuela, also received fairly well at 8 P.M. (Denny)                                                                                                                                                                                                                                                                                                    |
| 3.410 | WWBR     | Cape Henry Lighthouse Station, Virginia, heard at 8:30 P.M. calling the roll of Lighthouse and Lightship stations as follows: WWAD, WWEH, WWCP, WWXX, WWOR, WRV, WSD, WWBS, and WRO, all stations heard in Indianapolis. At 8:45 P.M. WWHJ, the LHT "Lilac" called the following stations: WWHF, WWHT, WWDW, and WWDI. (Roberts)                                      |
|       | WWOD     | Lighthouse Tender "Anemone" heard at 3:08 P.M. (Leboeuf)                                                                                                                                                                                                                                                                                                              |
| 3.360 | YV5--    | New Venezuela station heard at 7:59 P.M., R5-6, QSA2-3. Can anyone identify? (Tom Denny, Indiana)                                                                                                                                                                                                                                                                     |
| 2.770 | "Car 31" | in contact with WWME, Chateaugay, N.Y., Immigration Border Patrol station, heard at 7:30 P.M. (Leboeuf)                                                                                                                                                                                                                                                               |
| 2.738 |          | These ships heard lately: KJSI, located at Providence, R.I.; WTXO in Mobile Bay; WCUP at Tampa, Fla., all at 11:20 P.M. (Fred Van Voorhees, Pa. WDIE, Trawler Frankie and Rose at 7:54 P.M.; WCJZ, Tug E.C. Buchanan, at 7:50 P.M.; KLCO, Tug Wellfleet, at 8:15 P.M.; WDGK, Trawler Rosie and Gracie, at 8 P.M. (Leboeuf)                                            |
| 2.698 | NRUB     | Cruising Cutter "Chelan" heard in contact with Race Point, Mass., at 8:22 P.M. Another ship "The Cradle of the Deep" was received at 9:53 P.M. requesting assistance from the Chelan for three members of the family who had been partially overcome by carbon monoxide gas. Location given as Smith Pier, Baltimore, Md. The Chelan is located off Boston. (Roberts) |
| 2.670 | NRWF     | Patrol Boat "Forward", in contact with Pt. Judith, R.I. NRGV, Patrol Boat "Dione" calling Pilot Boat KFZE. NRUQ, Cruising Cutter "Modoc" out of Wilmington, N.C. NRHG, Harbor Craft "AB-65" contacting the Chelan. NRPD, Patrol Boat "McLane" out of Morehead City, N.C. calling Princess Ann, Va. (Leboeuf)                                                          |
| 2.662 | NMG      | Mobile, Alabama, Coast Guard station heard at 11:30 P.M. (Van Voorhees)                                                                                                                                                                                                                                                                                               |
|       | NMN      | Princess Ann, Va., at 10:53 P.M. (Voorhees)                                                                                                                                                                                                                                                                                                                           |
|       | WWZ      | Key West, Fla., heard at 11:15 P.M. (Voorhees)                                                                                                                                                                                                                                                                                                                        |
| 2.604 | WYDP     | Army Patrol Boat "Dragon" in a Delaware Canal, heard at 10:45 P.M. (Van Voorhees) According to Charles Leboeuf all US Army stations on the Chesapeake and Delaware Canal on 2.604 mcs. will change to 2.350 mcs. on November 1.                                                                                                                                       |
| 2.572 | WWGX     | Milwaukee Breakwater, Wisc., gave Great Lakes weather at 10:30 P.M. (Voorhees)                                                                                                                                                                                                                                                                                        |
|       | WWN      | Detroit River Lighthouse, with weather report at 7:30 P.M. (Leboeuf)                                                                                                                                                                                                                                                                                                  |
| 2.522 | WAQ      | Ocean Gate, N.J., contacts ships on 2.126 mcs. (Leboeuf)                                                                                                                                                                                                                                                                                                              |
| 2.340 | HOA      | Panama City, received R7 at 10:20 P.M. (Van Voorhees)                                                                                                                                                                                                                                                                                                                 |
| 2.182 | WCY      | Cleveland, Ohio, Coastal Harbor station, at 8 P.M. Canadian stations are also using this frequency. VBF, Port Burwell, Ont., at 7:45 P.M. VBH, Kingston, Ont., at 6 A.M. VGCD, the Steamer Alberta, at 7:55 P.M. CYKM, Steamer Winnipeg in contact with CYMW, Steamer Kenora, at 8:08 P.M. (Leboeuf, Roberts)                                                         |
| 2.158 | VBE      | Point Edward, Ont., Radio heard at 11:07 P.M. KJWO, the Richard V. Lindabury; KFSA, Alex B. Uhrig; and KURJ, J. L. Reiss, all contacting WMI, 2.550 mcs., Lorain, Ohio, at 5:50-6 A.M. (Leboeuf, Van Voorhees)                                                                                                                                                        |

\*\*\*SPECIAL PROGRAMS\*\*\*

November 12, Sunday:- YN3DG, 13.900 mcs., Leon, Nicaragua, will transmit a special program for the World DX Alliance from 1:00-1:30 A.M. EST. Special prizes will be given by both the station and the World DX Alliance. All correct reports will be verified for 10¢ in coin as IRC's are no good in Nicaragua. A special card is being printed showing the operator and part of the station. Announcements will be in English with a message in Spatari.

November 12, Sunday:- TG2, 6.190 mcs., Guatemala City, will also transmit for the same

HIGH FREQUENCIES (EST) - Continued from page 6.

club from 1:00-2:00 A.M. Special prizes are offered by TG" and the World DX Alliance and two special verification cards will be sent free of charge to all who report.

Announcements will be in English and Spatari. (Erick R. Johnson, N.J.)

November 15, Wednesday:- ZP14, 11.721 mcs., (also ZP15, 700 kcs.), Villarica, Paraguay, will transmit for the Universal Radio DX Club from 4:00-6:00 A.M. EST. (IDA, RADEX)

\*\*OFFICIAL SCHEDULE\*\*

MTCY, Hsinking Central Broadcasting Station, Hsinking,  
Manchukuo.

Transmission #1- To Europe, MTCY, 20 Kw., 11.775 mcs. or 25.48 meters: Daily 4:00-4:50 P.M. EST (6:00-6:50 A.M. Manchukuo time), programs in English featuring news, music, informative talks, and eye-witness accounts.

Transmission #2: To Pacific Coast of North America and Hawaii, MTCY, 20 Kw., 11.775 mcs. Daily: 1:30-2:20 A.M. EST, programs same as above.

Transmission #3- To China, Philippines, Singapore, and South, MTCY, 20 Kw., 11.775 mcs. Daily: 9:50-10:55 A.M. EST, programs in English, Japanese and Manchu. Verification to the writer was by letter in English with a card promised as soon as received from the printer. The 6.125 mcs. frequency verified was used for local broadcasts only.

HIGH FREQUENCIES (EST) - By Earl R. Roberts

| <u>Mcs.</u> | <u>Call</u> | <u>Location</u>                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-------------|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 15.730      | ----        | Heard at 7:30 A.M., stations on 15.730 and 15.725, former sounding like a Russian, the latter with scrambled speech. (Norman Kriebel, Pa.) RIB, Moscow, is listed in the Berne list on 15.730, with 15 Kw., A1 and A3.                                                                                                                                                                                                                           |
| 15.210      | WPIT        | Pittsburgh, Pa., broadcasts an interesting stamp program conducted by Captain Tim Healy at 12:45 P.M. Sundays. (Roberts, Indiana)                                                                                                                                                                                                                                                                                                                |
| 15.190      | XGOX        | China, believed to be the very weak station heard from 9-10 P.M. (Legge)                                                                                                                                                                                                                                                                                                                                                                         |
| 15.160      | JZK         | Tokyo, features Oriental music and talks from 8-9 P.M. (Robert Woods, Ind.)                                                                                                                                                                                                                                                                                                                                                                      |
| 15.120      | HVJ         | Vatican City, R9 with English news at 1 P.M. Sundays (Roberts)                                                                                                                                                                                                                                                                                                                                                                                   |
| 11.980      | ----        | NEW German transmitter announcing as Berlin heard at 5:00 A.M. on. (Jimmy Hart, N.J.) Heard in parallel with DJZ-DJN at 1:15 A.M. (Roberts) This may possibly be the former Warsaw station. HFC.                                                                                                                                                                                                                                                 |
| 11.900      | XGOY        | Location sounds something like "Yungchang", China. (Charles Leboeuf, Mass.)                                                                                                                                                                                                                                                                                                                                                                      |
| 11.843      | TPB--       | Paris Mondial signed at 5:15 P.M. after a program directed toward Africa. (Leboeuf)                                                                                                                                                                                                                                                                                                                                                              |
| 11.805      | XGOK        | Canton, China, signs on at 6 A.M. in English with lady announcer who gives news for five minutes. (Jimmy Hart)                                                                                                                                                                                                                                                                                                                                   |
| 11.780      | OFE         | Lahti, Finland, now on to 5 P.M. with lady who announces "This is Finland, Land of 1000 Lakes." (Jimmy Hart)                                                                                                                                                                                                                                                                                                                                     |
|             | ----        | Radio Saigon, Indo-China, is R9 at 8:00 A.M. with news in French. The station can be positively identified on this program at 8 A.M. by a time signal, 4 or 5 pips, a long dash, in between each news item a tiny gong is sounded once or twice. (Leboeuf)                                                                                                                                                                                       |
| 11.775      | MTCY        | Hsinking, Manchoukuo, heard R6-8 at 1:30 A.M. with man giving call 3 times in English program directed toward Hawaii and Pacific Coast. A series of chimes opens the broadcast. (Roberts)                                                                                                                                                                                                                                                        |
| 11.650      | ----        | Unidentified Oriental station with good volume and lady announcer heard around 7 A.M. No English heard as yet. Can anyone identify? (Leboeuf)                                                                                                                                                                                                                                                                                                    |
| 9.610       | ZRL         | Klipheuvall, South Africa, received well at 11:50 P.M. with setting-up exercises. (Robert Woods, Indiana)                                                                                                                                                                                                                                                                                                                                        |
| 9.590       | VUD2        | Delhi, India, is received R9 either at 9:30 P.M. or 6:30 A.M. with programs of Indian music. (Roberts)                                                                                                                                                                                                                                                                                                                                           |
| 9.475       | VONG        | St. John's, Newfoundland, signs on at 4:30 P.M. with a bed time story. (Hart) Heard at 5:15 P.M. R9 plus. (Leboeuf) The time listed last week should have read P.M. instead of A.M.                                                                                                                                                                                                                                                              |
| 9.180       | COBC        | Havana, Cuba, again shifted frequency from 9.370 mcs. Modulation was extremely poor when heard at 8 P.M., 11/6. (Roberts)                                                                                                                                                                                                                                                                                                                        |
| 6.790       | PZH         | Paramaribo, Suriname, was received at 7:40 to sign off at 8:39 P.M., 11/2, and again heard the following night according to schedule listed last week. Signal R6, QSA3, received just under HIH, 6.810 mcs. (Roberts)                                                                                                                                                                                                                            |
| 6.660       | ----        | These ships logged from 7-8 A.M. working WMI, 6.470 mcs.: WTSO, John B. Cowle; WPSR, H. M. Hanna, Jr.; WTMG, Wm. P. Palmer; WNTX, Wm. B. Davock; WTMD, Wm. B. Dickson; WOKX, Charles A. Paul; WCDG, Pegasus; WADH, Richard Reiss; WNPk, Crete; WNUH, Ralph H. Watson; WEDF, Fayette Brown; WDDN, R. E. Moody; WTLV, Percival Roberts, Jr.; WADD, A. M. Byers; WCVW, Jos. Sellwood; WTLG, August Ziesing; and WTLN, George A. Crawford. (Leboeuf) |
| 6.615       | WREE        | Washington, D.C., calling the Blimp Reliance at 10:35 A.M. (Leboeuf)                                                                                                                                                                                                                                                                                                                                                                             |
| 6.390       | NAG         | Squantum, Mass., U.S. Naval Reserve Air Station, in contact with WLXOV which was not heard.                                                                                                                                                                                                                                                                                                                                                      |
|             |             | USNRAS Plane "1 Sail 1" in contact with NAG heard at 12:10 P.M. (Leboeuf)                                                                                                                                                                                                                                                                                                                                                                        |
| 6.080       | CRY9        | Macao, Macao, Portugese China, according to letter from Sr. J. Estrella, Chief of Government Broadcasting Station CRY9, Post Office Bldg., is on the air now Mondays only from 8:30-10 A.M. EST (ADXC)                                                                                                                                                                                                                                           |
| 6.050       | GSA         | London, heard in parallel with GSB and GRX at 1:30-3:45 A.M. (Roberts)                                                                                                                                                                                                                                                                                                                                                                           |
| 4.924       | HJLABE      | or HJLABR "Radio Cartagena", Colombia, believed to be the station heard at 9-9:30 P.M. (Richard Daneker, Pa.) HJAP, Cartagena, is listed on this frequency.                                                                                                                                                                                                                                                                                      |
| 4.895       | HJCH        | Bogota, Colombia, with Fox Trots, accordion and Spanish music heard at 10:45-11:20 P.M., 11/2. (Richard Daneker)                                                                                                                                                                                                                                                                                                                                 |

HIGH FREQUENCIES (EST) - Continued from page 5.

| <u>Mcs.</u> | <u>Call</u> | <u>Location</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-------------|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 4.495       | ----        | National Guard Plane "36128" calling the ground station at Putnam, Conn. at 5:10 P.M., R9 plus. U. S. Army Plane "7494", flying between Washington and Memphis, Tenn., in contact with WYB, Bolling Radio. (Leboeuf)                                                                                                                                                                                                                                                                                                                                                                 |
| 3.415       | ----        | Great Smoky Mountain Forestry Stations at "Brighton City" and "Twenty-Mile" heard in QSO at 8:45 P.M. making a schedule for 8:15 A.M. the following morning. (Roberts)                                                                                                                                                                                                                                                                                                                                                                                                               |
| 3.410       | -----       | The following Lighthouse and Lightship stations logged: WSD, Frying Pan Shoals Lightship, No. Carolina, at 8:45 P.M.; WWCP, LHT Mayflower, at 8:55 P.M.; WWEG, LHT Myrtle, at 8:50 P.M. (Leboeuf)                                                                                                                                                                                                                                                                                                                                                                                    |
| 3.4025      | WWGQ        | Devil's Island Lighthouse, Wisc., at 8:55 P.M. (Leboeuf) Call heard here as WWQG in contact with WWHC, Portage, Wisc., at 11:13 P.M. WWQG mentioned that he seldom had visitors as the island was almost unapproachable except in very good weather.                                                                                                                                                                                                                                                                                                                                 |
| 2.738       | -----       | Several new ships logged as: WTPO, Yacht Orion; KJDY, Tug Bristol; KJJK, Tug Eureka; WCRN, S.S. Finland; WCOZ contacting WJG, Memphis; WTMQ, Yacht Helma at Miami, Fla.; KJYZ calling the M.S. Michigan. (Leboeuf, ERR) WTCE, aboard a tug in the Mississippi heard at 12:32 A.M. (Van Voorhees, Pa)                                                                                                                                                                                                                                                                                 |
| 2.670       | NRLV        | Jackson, 125' Patrol Boat of USCG out of Charlotte, N.Y., on Lake Erie; U.S. Coast Guard Surf Station at Charlotte, N.Y.; U.S.C.G. Surf Station at Santa Rosa, Fla., contacting Mobile, Alabama Radio; CG-288, USCG 75' Patrol Boat working NMN. (Leboeuf)                                                                                                                                                                                                                                                                                                                           |
| 2.662       | NMV         | Jacksonville Beach, Fla., USCG, with an emergency storm warning at 6:24 A.M., 11/1. (Fred Van Voorhees, Pa.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 2.558       | WAK         | Port Sulphur, Louisiana, new Coastal Phone for New Orleans Marine Operator. (Leboeuf)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 2.530       | KQP         | Call of new Coastal Harbor station under construction at Galveston, Texas. (Leboeuf)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 2.198       | WCIO        | Motor Ship Michigan, heard in contact with WOX, 2.598 mcs. (Leboeuf)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 2.182       | ----        | This new channel is fully as popular as the 2.738 channel at times. Both Canadian and American ships operate here as well as the US Immigration Border Patrol on the Mexican border. New stations logged: CYPD, S.S. Sarnian in contact with VBE, 2.182 mcs. also; CYPW, S.S. Algonquins; VCQR, S.S. Wahcondah; CYJV, City of Kingston; CYKM, Winnipeg; CYJX, City of Toronto; CYKL, Wayburn; VGMF, Laketon working WAD, 2.182 mcs. Fort Washington, Wisc.; VEG, Toronto Radio; VBE Point Edward Radio, Ontario; CYPB, Robert P. Durham. All heard 7:15-9:30 P.M. (Leboeuf, Roberts) |

HIGH FREQUENCIES (EST) - By Earl R. Roberts

| <u>Mcs.</u> | <u>Call</u> | <u>Location</u>                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-------------|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 25.950      | W8XNU       | Cincinnati, Ohio, is heard R3-8 all day long in Indianapolis at a distance of less than 100 miles. This is evidently reception of their ground wave since skip is far too short to permit the sky wave to be heard. (ERR)                                                                                                                                                                                                                     |
| 15.250      | RIM         | Tachkent, Turkestan, USSR, received R6, Q5, at 8:50 A.M., 11/12, with a lady calling Moscow. (Roberts, Indiana)                                                                                                                                                                                                                                                                                                                               |
| 15.195      | TAQ         | Radio Ankara, Turkey, announces morning transmissions suspended until further notice due to interference on this frequency from other European stations. This program is now broadcast on TAP, 9.465 mcs. (George H. Trisdorfer, Brooklyn; Norman F. Kriebel, Ambler, Pa.)                                                                                                                                                                    |
| 15.030      | ----        | Unidentified broadcaster heard almost daily 6-10 A.M. just under RKI, Moscow, 15.04 mcs. (Norman Kriebel)                                                                                                                                                                                                                                                                                                                                     |
| 12.300      | RTT         | Koupavna, Russia, USSR, believed to be the station logged at 1:27 A.M., 11/11, with lady and man calling Moscow. Signal R2-5, rapid fade. (ERR)                                                                                                                                                                                                                                                                                               |
| 11.990      | ----        | Still unidentified but believed to be German is the station heard with same program as DJX, 9.675 mcs., at noon and still strong at 2 P.M., speaking only German. (Charles Leboeuf, Mass.) Comes on the air at midnight with man announcing as "Radio Stans-----", the latter portion of the word not identified yet. Signal better at 7 A.M. Features accordion music frequently and broadcast setting up exercises once at 12:39 A.M. (ERR) |
| 11.900      | ----        | Moscow, USSR, with same program as RNE heard at 5:00 P.M. with English program, 11/6. (Leboeuf) RIF, Moscow, is listed on this frequency and is operated by the same company owning RNE. (ERR)                                                                                                                                                                                                                                                |
|             | XGOY        | China, is coming through now in the afternoons with Oriental programs. Heard at 6:10 P.M. in New Jersey. (Jimmy Hart, N.J.) At 5:30 P.M. in Indianapolis, signal R8, Q4. (Roberts)                                                                                                                                                                                                                                                            |
| 11.885      | TPB-11      | Paris, in parallel with TPA-4, 11.718 mcs., and TPB--, 9.680 mcs., broadcasts the "Listener's Letter Box" each Thursday at 8:15-8:30 P.M. Many reporters names are read and reports would be answered by mail. (Chas. M. Robinson, Iowa)                                                                                                                                                                                                      |
| 11.735      | LKQ         | Oslo, Norway, heard as early as 6:00 A.M. to 8:00 A.M. with poor volume. Call sometimes given at 7:10 A.M. in various languages. (Leboeuf)                                                                                                                                                                                                                                                                                                    |
| 11.725      | ----        | New Moscow station announcing in English as "Radio Center" and giving news at 6:15 A.M. (Jimmy Hart) Not listed in Berne list. (ERR)                                                                                                                                                                                                                                                                                                          |
| 11.630      | ----        | Unidentified, heard at 12:40 A.M. in parallel with the new station on 11.990 mcs., R8. Program consisted of a man speaking in a foreign language, evidently a speech, but did not sound like German. The man talked to 1:00 A.M. and a musical program followed. (Roberts)                                                                                                                                                                    |
| 10.230      | CHX         | Toronto, Ontario, at 11:25 A.M. in QSO with CZ2W, Rat Rapids, Ontario, also heard. (Leboeuf)                                                                                                                                                                                                                                                                                                                                                  |
| 10.040      | ----        | Russian phone logged at 12:40 A.M. with lady and man calling Moscow, R8. Listed on this frequency are REH, Darnitsa, Russia, and RWB, Nezametnyi, Siberia, USSR. (Roberts)                                                                                                                                                                                                                                                                    |
| 9.970       | RVI         | Tchita, Siberia, USSR, is thought to be the Russian phone heard at 12:50 A.M. with lady calling. Signal R5. (Roberts)                                                                                                                                                                                                                                                                                                                         |
| 9.680       | XEQQ        | Mexico, D.F., logged R8 at 3:00 P.M. before Paris signs on. (Roberts)                                                                                                                                                                                                                                                                                                                                                                         |
| 9.650       | I2AA        | Addis Abeba, I.E.A., schedule: 3:30-5:30 A.M., 11 A.M.-2:30 P.M. A new 1 Kw. station will operate on 9.535 mcs. (IDA)                                                                                                                                                                                                                                                                                                                         |
| 9.510       | HS8PJ       | Bangkok, Thailand, may be logged with excellent volume and English announcements at 7:00 A.M. (Jimmy Hart)                                                                                                                                                                                                                                                                                                                                    |
| 9.475       | VONG        | St. John's, Newfoundland, heard as early as 2:30 P.M., 11/11. (Roberts)                                                                                                                                                                                                                                                                                                                                                                       |
| 9.465       | TAP         | Ankara, Turkey, schedule: daily 5:30-7 A.M., 11 A.M.-4:30 P.M., Saturdays 6:30-8:30 A.M., 11 A.M.-4:30 P.M. (Trisdorfer, Kriebel)                                                                                                                                                                                                                                                                                                             |
| 9.370       | COBC        | Havana, back on assigned frequency 11/8.                                                                                                                                                                                                                                                                                                                                                                                                      |
| 9.345       | HLB         | Geneva, Switzerland, heard Wednesday and Monday 9:30-10 P.M. (Roberts)                                                                                                                                                                                                                                                                                                                                                                        |
| 8.000       | HJF2        | Colombia, R8, at 7:34 P.M. calling Buena Vista in English and asking him to come in on 5.690 mcs. (Roberts)                                                                                                                                                                                                                                                                                                                                   |
| 7.715       | KEE         | Bolinas, Calif., sends Dole's Pineapple program to Hawaii, Thursdays at 12:20 A.M. (Roberts)                                                                                                                                                                                                                                                                                                                                                  |

HIGH FREQUENCIES (EST) - Continued from page 5.

| Mcs.   | Call   | Location                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|--------|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 7.280  | TPB-11 | Paris, heard very well at 2:30 P.M. (Leboeuf)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 6.7875 | OZS    | Copenhagen, Denmark, R9 at 1:50 A.M., 11/7, calling London in English before switching to scrambled speech. (Roberts)                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 6.660  | ----   | Ships on the Great Lakes in contact with WML, 6.470 mcs.- WDIQ, David Z. Norton; WDIS, W. C. Richardson; KJAY, S.S. Saginaw; KJQL, Frank J. Peterson; WDIR, Harry T. Ewig. (Leboeuf)                                                                                                                                                                                                                                                                                                                                                                                               |
| 6.450  | COHI   | Santa Clara, Cuba, signs on at 7 A.M. and works in chain with COCH. (Leb.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 6.390  | COCQ   | Havana, logged on this new frequency 11/8, 8 P.M. (Roberts)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 6.100  | YUB    | Belgrade, Yugoslavia, 10 kw., now being used for the 12:45 A.M. program. Heard R9 plus with no fading. Signed at 1:52 once. (Roberts)                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 6.080  | CKFX   | Vancouver, B.C., supposed to use only 2 watts power, heard between 1:00-3:00 A.M. with very fady signals. (Roberts)                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 6.030  | CFVP   | Calgary, Alberta, signs at 2:02 A.M. and is in the clear.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 5.575  | ----   | United Air Lines stations logged: WNAK, Cleveland; WNAO, Newark, N.J.; WNAJ, Toledo; WUCG, Chicago; WARY, Camden, N.J.; WMEM, Kylertown, Pa. (Leb.)                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 3.410  | WRS    | Chesapeake Lightship, Va., at 9:00 P.M. (Leboeuf)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 3.4025 | WWGP   | La Point Lighthouse, Mich., at 6:50 P.M. (Leboeuf) WWXE at 7:05 A.M. (ERR)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 3.010  | VE9FT  | Portable aboard Canadian National Rail Road Freight #444 at 9:30 P.M. in contact with VE9FP, 2.250 mcs., Oshawa, Ontario, mobile. (Leboeuf)                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 2.830  | WAUQ   | Syracuse, N.Y., relay station, calling WGBE at 8:09 P.M. asking him what folling station he had stopped in. (Roberts)                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 2.738  | ----   | Additional ships heard- WCOF Tow Boat Betty Gardner; WCNJ; WDLS; WQYE; WTYJ; WTCF. (Roberts)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 2.670  | ----   | USCG at South West Harbor Base, Maine; Cutter Rockspeed working the Eagle Harbor, Michigan, surf station, both heard at 8:11 P.M. (Leboeuf, Roberts)                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 2.604  | KFIE   | Steamer Berkshire called the Cape Cod Canal at 11:48 P.M. (Roberts)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 2.550  | ----   | USCG Cutter Escanaba tested with WML, 2.514 mcs., on this new frequency.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 2.514  | W9XTD  | Lake Bluff, Ill., phoned the Steamer McKenzie at 8:33 P.M. WDR, Miami, heard calling in background. (Roberts)                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 2.350  | WI7    | Cape Cod Canal station in contact with KFIE on this same frequency at 9:17 P.M. The call, WI7, is correct as repeated to the ship. (Roberts)                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 2.182  | -----  | Numbers of stations heard here:- This frequency known as "Channel 51": WPST, Charles W. Galloway calling Whitefish Point, Mich., also heard; WBL, Buffalo, N.Y., Coastal Harbor station contacting WCY, Cleveland; USCG at Thunder Bay Island, Mich.; VGKM, S.S. Algosen at 6:30 P.M.; CYJZ, City of Windsor at 6:40 P.M.; VGFX, S. S. Glenelg at 7:35 P.M.; VGRT, S. S. Huronic at 7:41 P.M.; Chicago Tribune calling VBA at 11:44 P.M.; VGCD, Steamer Alberta at 8:30 P.M. calling WAD; VGBD Steamer Sarniadoc at 11:47 P.M.; VBF, Port Burwell, Ont., Radio. (Leboeuf, Roberts) |
| 2.022  | VX9G   | and VX9H, in QSO at 5:15 P.M., located somewhere in the Canadian woods. (Leboeuf)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 2.182  | ----   | Stations we had overlooked in Leboeuf's report- CYMS, Steamer Calgarian, at 9:15 P.M.; VGQT, Athabaska, at 9:45 P.M. to VBB; CYDZ, Beaverton at 9 P.M.; VGJB, Algorail at 9:35 P.M. to VBH; VGLW, Coalhaven at 9:35 P.M.; VGJD, Algosoo at 7:30 to VBA; VGND, Renvoyle at 6:30; VGQN, Algosteel at 7:35; WNXX, Governor Miller at 7:30 to Thunder Bay Island Coast Guard; VBB, Coastal Harbor station at Sault St. Marie, Ont.; and VBA, Port Arthur, Ontario.                                                                                                                     |

\*\*\*JAPANESE SCHEDULES\*\*\*

November

For Europe: JWV, 7.2575, and JZJ, 11.800 mcs., 2-3 P.M. South America: JZK, 15.16, and JZJ, 11.80, 4:30-5:30 P.M. Eastern North America: JZK, 15.16, 8-9 P.M. Pacific Coast and Hawaii: JZI, 9.535, midnight-1:30 A.M. China and South Seas: JZJ and JZI, 7-9:30 A.M. (Courtesy of George Trisdorfer)

MTCY, 6.125 and 11.775 mcs., Hsinking, Manchoukuo, is now verifying with a four page pamphlet having a design in red and tan with  $\frac{1}{2}$ " black call on front page, and verification material in English inside, a very specific verification. (Roberts)

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

.W4XIJ, Pan American Airways, Inc., New York, N.Y., granted license to operate with 1 Kw. on .457, 1.614, 2.398, 5.165, 8.233, 12.8625, and 17.310 mcs., location to be Coral Gables, Florida. (FCC)

Thorne Donnelley granted permit for coastal harbor station in the vicinity of Mackinac Island, Michigan, to operate on 2.550 and 2.738 mcs., 400 watts. (FCC)

Additional Greek stations assigned are: SVA, 4.815; SVB, 4.905; and SVC, 4.945 mcs. Hialeah, Florida, has been assigned the following calls for their new transmitters WNC2, 14.510 mcs.; WNC3, 10.790; and WNC4, 10.1975 mcs., 400 watts on all.

All India Radio has assigned several stations to work in the medium waves- VUD6, Delhi, 2.305 mcs.; VUB3, Bombay, 2.400, and VUB4, 3.305 mcs.; VUC3, Calcutta, 2.495 mcs.; VUM3, Madras, 3.435 mcs., all 10 Kw.

Havana, Cuba, stations are being assigned additional frequencies for relay broadcast services. COBZ, 14.550 mcs.; COBC, 12.200 mcs.; and COCW, 3.385 mcs.

Radio Martinique will soon use a frequency in the newly assigned "Tropical Band" with 200 watts, the frequency 2.385 mcs. I2AA, Addis Abeba, is assigned 2.390 mcs., for broadcast service. HOB, Panama, is assigned to 2.320 mcs. but no further details are available at this time. This may perhaps be a sister station to HOA, 2.340 mcs.

HIGH FREQUENCIES (EST) - By Earl R. Roberts

| <u>Mcs.</u> | <u>Call</u> | <u>Location</u>                                                                                                                                                                                                                                                                                                                                  |
|-------------|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 21.080      | PSA         | Rio de Janeiro, Brazil, heard in contact with WKK, 11/11. (Weyrich, Md.)                                                                                                                                                                                                                                                                         |
| 17.780      | WNBI        | New York, N.Y., has an English Hour program daily from noon-1:00 P.M.                                                                                                                                                                                                                                                                            |
|             |             | All correct reports are verified with a beautiful QSL card and reporter's names acknowledged on the Mail Bag Programs, Monday, Thursday, and Friday, 12:45-1:00 P.M. Address- International Division of RCA, Radio City, New York. (Bernard and Michael Wozniak, Illinois)                                                                       |
| 15.230      | I2R014      | Rome, Italy, heard as early as 6:30 A.M., 11/11. (Richard Daneker, Pa.)                                                                                                                                                                                                                                                                          |
| 15.200      | XGOX        | Kunming, Yunnan, China, coming through regularly starting at 9:00 P.M. Announcements made either by lady or man. Carrier is strong but speech level seems somewhat low. (Roger Legge, N.Y.)                                                                                                                                                      |
| 14.650      | ----        | Unidentified station heard 11/7 at 4:30-4:55 A.M. with Oriental music. Signed with what sounded like Spanish announcement by lady. (Daneker)                                                                                                                                                                                                     |
| 11.900      | XGOY        | Kunming, China, heard signing at 4:20 P.M., resuming again at 4:30 P.M. and signing at 6:20 P.M. (M. W. Soplop, N.Y.)                                                                                                                                                                                                                            |
| 11.843      | TP---       | Paris Mondial, new frequency is used afternoons. (Desmond Callan, Mass.)                                                                                                                                                                                                                                                                         |
| 11.780      | ----        | Radio Saigon, Indo-China, operates daily 6-11 A.M., English program from 6-6:45; Native 6:45-7:45; English and French 7:45-11 A.M. Heard with excellent strength at 8:45 A.M., 11/12. (Callan; Weyrich)                                                                                                                                          |
| 11.720      | ZP14        | Radio Villarica, Paraguay, well heard daily around 5-6 P.M. (Weyrich)                                                                                                                                                                                                                                                                            |
| 11.705      | ----        | Moscow, U.S.S.R., heard with an English program around 5 A.M. (Weyrich)                                                                                                                                                                                                                                                                          |
| 11.000      | PLP         | Bandoeng, Java, is again being heard on the 6:00 P.M. transmissions with PMN, 10.26 mcs., and YDC, 15.15 mcs. (M. W. Soplop)                                                                                                                                                                                                                     |
| 9.650       | I2AA        | Addis Abeba, Italian East Africa, signing 11/13 at 2:30 P.M. with playing of two Italian Anthems, both lady and man announcers. Signal R5-6. (Soplop)                                                                                                                                                                                            |
| 9.635       | I2R03       | Rome, is conducting experimental programs daily 1-2 A.M. with all announcements in English. All reports appreciated and correct ones verified very promptly with card. (Bernard and Michael Wozniak)                                                                                                                                             |
| 9.590       | VUD2        | Delhi, India, is very strong from 9:30-11 P.M. but heterodyned by WCAB except Tuesday and Friday when latter station is off. English news given nightly at 10:21-10:30 P.M. (Roger Legge)                                                                                                                                                        |
| 9.550       | VUB2        | Bombay, India, signal fair from 9:30 P.M. on, not quite as good as VUD2. Is QRM'd badly some evenings by a Latin-American on same frequency. News in English starts at 10:21 P.M. (Legge) XEFT is probably the Spaniard. (ER)                                                                                                                    |
| 9.525       | ZBW3        | Hong Kong, now on with a Chinese program 5-7 A.M. daily. English is used only Sundays at 7 A.M. when KGEI is not QRMing. (Desmond Callan)                                                                                                                                                                                                        |
| 9.050       | ----        | Varies to 9.070 mcs., comes on the air at 12:30 A.M. with talking in French. Heard speaking of Premier Daladier once. Who is it? (Weyrich)                                                                                                                                                                                                       |
| 7.280       | Paris       | Mondial, heard until 4:15 P.M., 11/4. (Weyrich)                                                                                                                                                                                                                                                                                                  |
| 7.260       | CSW8        | Lisbon, Portugal, heard signing on at 4:00 P.M., 11/4. (Weyrich)                                                                                                                                                                                                                                                                                 |
| 7.220       | HAAQ2       | Budapest, Hungary, received at 4 P.M. with concert music. (Weyrich)                                                                                                                                                                                                                                                                              |
| 6.807       | HIH         | San Pedro de Macoris, D.R., received on this spot around 6:30-7:30 P.M. (Richard Daneker, Pa.; R. B. Oxrieder, Canal Zone)                                                                                                                                                                                                                       |
| 6.610       | YNLG        | Managua, Nicaragua, signs around 9 P.M., R7-9 plus. (Daneker)                                                                                                                                                                                                                                                                                    |
| 6.485       | HIL         | Ciudad Trujillo, D.R., signs around 8 P.M., R9 plus. (Daneker)                                                                                                                                                                                                                                                                                   |
| 6.380       | TIWS        | Puntarenas, Costa Rica, with Fox Trots from 8:40-9:10 P.M., R8. (Daneker)                                                                                                                                                                                                                                                                        |
| 6.147       | ----        | Unidentified station speaking in a language similar to Dutch heard at 4:30 A.M. At 5 A.M. is a period of nothing but talking. (Weyrich)                                                                                                                                                                                                          |
| 6.145       | YSW         | NEW station at San Salvador first heard 11/19 with English announcement and tourist ad at 9:29 P.M. Other announcements in Spanish indicate it relays a medium wave broadcast station. A rather distinctive sign off features the whistling of a bird during announcements. Signed at 10:16 P.M., 11/19 and 9:35 P.M., 11/20. (Roberts, Indiana) |
| 6.140       | HJ--        | Colombia station that sounds like HJBK but call not certain, heard R8 at 9:49 P.M. (Roberts)                                                                                                                                                                                                                                                     |
| 6.097       | ZRK         | Klipheuvall, South Africa, heard signing at 4 P.M. (Soplop)                                                                                                                                                                                                                                                                                      |
| 6.090       | ZNS2        | Nassau, Bahamas, relays the news bulletin from the BEC daily from 7:30-8:00 P.M. (Soplop)                                                                                                                                                                                                                                                        |

HIGH FREQUENCIES (EST) - Continued from page 5.

| <u>Mcs.</u> | <u>Call</u> | <u>Location</u>                                                                                                                                                                          |
|-------------|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 6.030       | XEKW        | Morelia, Michoacan, Mexico, NEW station, heard with good signal till sign off about 11:40 P.M. Announces often in Spanish but only English noted was at sign off. (Roger Legge, Roberts) |
| 6.020       | HJCX        | Bogota, Colombia, announces thusly in Spanish but at sign off near 11:40 P.M. announced in English as HJ3CAX. (Legge)                                                                    |
| 5.940       | TGX1        | Guatemala City, with fairly good signal till sign off near 11:35 P.M., relays long-wave TGX. (Legge)                                                                                     |
| 4.760       | YV5RY       | La Voz de la Esfera, Caracas, Venezuela, now received evenings. (Oxrieder)                                                                                                               |
| 2.790       | WAAC        | Tuscola, Ill., with WAAE, 2.150 mcs., heard with same frequency check as WDZ, 4:25-4:40 A.M., second Saturday. (Carroll Weyrich)                                                         |
| 2.764       | WXME        | Arkon, Ohio, working WXMD, Toledo, Ohio National Guard Stations, heard at 7:15 P.M. from QRA at Kittanning, Penna. (Fred Van Voorhees, Pa.)                                              |
| 2.662       | NMV         | Jacksonville Beach, Fla., verified reception in ten days. (Van Voorhees)                                                                                                                 |

\*\*SCHEDULES\*\*

HAD, Budapest, Hungary, will transmit November 27-December 16 as follows:-  
 Noon-3P.M., 21.630 mcs., to North America; 3-6 P.M., 11.850 mcs., to South America;  
 6-9 P.M., 9.625 mcs., to North America; and 9-midnight for North America, 7.220 mcs.  
 HAK will be on 14.143 and 14.250 mcs., during the period from 7 P.M. to midnight and  
 noon to 7:00 P.M. requesting reports on HAD. Reports should be sent to: Radio Labor,  
 Gyali-ut 22, Budapest IX, Hungary, accompanied by an IRC. (Roger Legge)

For those wondering as to the reason for the dual calls of Belgrade, Yugoslavia, the following from their November program sheet should prove of interest:- YUA, 6.100 mcs., is the old 1 Kw. transmitter; YUB, 6.100, the new 10 Kw. transmitter; YUC, 9.505 mcs., for North America; YUD, 9.505 mcs., for South America; YUE, 11.735 mcs., for North America; YUF, 15.240 mcs., for South America; and YUG, 15.240 mcs. for North America.

HIGH FREQUENCIES (EST) - By Earl R. Roberts

| <u>Mcs.</u> | <u>Call</u> | <u>Location</u>                                                                                                                                                                                                                                                                                                                                          |
|-------------|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 15.200      | XGOX        | Szechwan, China, has been coming through with R8 signals at 9 P.M. the past few nights, wither due to conditions or more power. (Callan, Mass.)                                                                                                                                                                                                          |
| 14.780      | Flash!      | An unusual report from a new member- "Radio Katmandu in the Republic of Nepal broadcasting on a frequency of 14780 kilocycles. We welcome reports." This announcement in rather thick English was heard 11/20 at 10 P.M. followed by an announcement in the native language, and program of weird sounding music. (Elmer Wokaty, Fairview Village, Ohio) |
| 11.900      | XGOY        | Szechwan, China, received as early as 4 P.M. with news in English at 5 P.M. (Charles Leboeuf, Mass.)                                                                                                                                                                                                                                                     |
| 11.800      | JZJ         | Tokyo, Japan, received at 12:15 A.M. with English announcements. (Denny)                                                                                                                                                                                                                                                                                 |
| 11.710      | ----        | Radio Saigon, Indo-China, is heard R9 at 7 A.M. EST with war news in English. (Alec Toms, New Zealand)                                                                                                                                                                                                                                                   |
| 11.650      | XHBM        | or XHGM, Canton, China, logged at 7:08-8:30 A.M. with news in English by a lady at 8:15 A.M. with call and frequency mentioned. Announced this was to be a daily feature and station signed at 8:30 A.M. (Hart, N.J.)                                                                                                                                    |
|             | ----        | Russian station heard at 7 A.M. with same program as RNE on 11/13 and this wavelength heard announced as 25.77 meters on other programs also. (Leboeuf, Mass.; Desmond Callan, Mass.)                                                                                                                                                                    |
| 10.220      | PSH         | Rio de Janeiro, Brazil, schedule:- daily 6-7 P.M., Monday 8-8:30 P.M., Friday 7-7:30 P.M. (Richard Daneker, Pa.)                                                                                                                                                                                                                                         |
| 10.043      | ----        | New station announcing as "Radio Propagrand" gives news in Italian, English, French, and Spanish from 2:55-3:31 P.M., English at 3 P.M. No call was given but from the way they rapped the British the station might be the German DZE assigned to this frequency. (Jimmy Hart)                                                                          |
| 9.860       | EAQ         | "Radio Nacional", Madrid, Spain, heard 20 DB above R9, 11/17, and is on nightly 7:45-8:45 P.M. for North America. Verifies reception. (Daneker)                                                                                                                                                                                                          |
| 9.740       | HJ--        | Pereira, Colombia, signs on at 7:05 A.M. and is the third Colombian heard near this frequency. (Callan)                                                                                                                                                                                                                                                  |
| 9.635       | KZRH        | Manila, Philippine Islands, is R9 plus from 6:00 A.M. on. (Hart, Callan)                                                                                                                                                                                                                                                                                 |
| 6.976.8     | XBC         | Observatorio Meteorologico, Veracruz, Mexico, 150 watts, verified very promptly. (Roger Legge, N.Y.)                                                                                                                                                                                                                                                     |
| 6.847       | YNOP        | Managua, Nicaragua, now heard on this frequency. (R.B. Oxrieder, C.Zone)                                                                                                                                                                                                                                                                                 |
| 6.660       | ----        | The following ships heard here from 7:15-8 A.M. contacting WMI:-<br>WPBC, The Amasa Stone; WOLO, A. T. Kinney; WOLP, the Robert Wallace; WOQC, Frank E. Taplin; and WOYT, A. F. Harvey. (Leboeuf)                                                                                                                                                        |
| 6.410       | TGWB        | Guatemala City, heard signing at 12:10 A.M. on this spot; (Daneker, RBO)                                                                                                                                                                                                                                                                                 |
| 6.200       | CP5         | La Paz, Bolivia, heard on this frequency now. (Oxrieder)                                                                                                                                                                                                                                                                                                 |
| 6.140       | HJBE        | ----, Colombia, relays LW HJBK, heard signing at 10:55 P.M. with an organ solo. Location not identified. (Roberts, Indiana)                                                                                                                                                                                                                              |
| 5.970       | VONG        | St. John's, Newfoundland, verified with white card, small blue call with the island in blue as background. Power 300 watts. Relays VONF, 640 kcs. 10 Kw., schedule daily except Sunday, 8:30 A.M.-12:30 P.M., and 4:30-9:30 P.M. (Legge)                                                                                                                 |
| 4.840       | YV4RX       | La Voz de Aragua, Maracay, Venezuela, now heard. (Oxrieder)                                                                                                                                                                                                                                                                                              |
| 3.430       | YV--        | NEW Venezuelan heard on this frequency at 8:05 P.M., 11/25, R6-9, Q4, with program of classical music. (Tom Denny, Indiana)                                                                                                                                                                                                                              |
| 3.402       | ----        | Quite a number of Lighthouse stations are being logged by members:-<br>WWBR, WWBN, WWRO, WSD, WWBS, WWEH, WWAD, WWDW, WWRS, WWHJ, WRV, WPO. (Roger Legge) WWBH, WWOQ, WWGQ, WWGX, WWOQ. (Denny) Logged 7-10 P.M.                                                                                                                                         |
| 3.400       | YV5RW       | Radio Tropical, Caracas, Venezuela, logged with fair signal 8-9:30 P.M. (Roger Legge, Tommy Denny, Roberts)                                                                                                                                                                                                                                              |
| 3.235       | WSHF        | Camp Siskiwit, Isle Royal, Michigan, National Park Forestry station received. (Leboeuf)                                                                                                                                                                                                                                                                  |
| 2.738       | ----        | Ships identified:- GMPC, S. S. Markland, an English ship also heard on 2.134 mcs.; WTBL, S.S. LaSalle on Great Lakes; MLCD, S.S. Liverpool Rover owned by Canadian Marconi Co.; WYFG, U.S. Army portable; WYFF, Dredge Gulf Stream, U.S. Army; WYFE, Dredge Pennsylvania; WYFC, Dredge Lake                                                              |

HIGH FREQUENCIES (EST) - Continued from page 5.

| <u>Mcs.</u> | <u>Call</u> | <u>Location</u>                                                                                                                                                                                                                                                                                                                                                                                                           |
|-------------|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|             |             | Allendale owned by U.S. Army. (Leboeuf)                                                                                                                                                                                                                                                                                                                                                                                   |
| 2.726       | WRWJ        | Emergency transmitter of New England Tel. and Tel. Co., heard at 7:40 P.M. making field trials on top of mountain at Montpelier, Vermont. Contacted WAUE, Norfolk, also on 2.726 mcs. (Roger Legge) WRWJ heard contacting WAUE, Norfolk, Va., WAOJ (no location given), and WAUD, Richmond, Va. (Leboeuf)                                                                                                                 |
| 2.604       | ----        | Add to list of stations located on the Chesapeake and Delaware Canal in Vol. 4, No. 22, NNRC Bulletin, - WZAZ, Chesapeake City, Md.; WZAN, St. George, Dela.; and WZAB, Canal Delaware. These stations have not yet started to operate on 2.350 mcs. due to delay in getting crystals. (Leboeuf)                                                                                                                          |
| 2.182       | VBC         | Midland Radio, Ontario, heard at 6:25 P.M.; CYKG, S.S. Saskatoon at 6:24 P.M.; CYJT, City of Hamilton at 6:25 P.M.; VGFL, S.S. Vally Camp at 10:05 P.M.; VCQW, Tug D. & H. at 7:28 P.M.; CYMW, S.S. Kenora at 7:18 P.M. (Leboeuf) VGND, Steamer Renvoyle in contact with the Huronic at 11:30 P.M.; VGZD, S.S. James B. Eads contacting VBG at 11:33 P.M. The ship was just off Point Colbourg in Lake Ontario. (Roberts) |
| 2.158       | KFOW        | S.S. Reiss Brothers at 6:50 A.M.; WADG, S.S. Peter Reiss at 6:09 A.M.; WOYV, S.S. William G. Clyde at 6:58 A.M., all working WMI, 2.550 mcs. (Leboeuf)                                                                                                                                                                                                                                                                    |
| 1.630       | WNYF        | Owned by the New York City Fire Dept., tests with Fire Boats in New York Harbor daily at 8 A.M., 4 P.M., and midnight. The boats answer on the ultra hi frequencies. Station verifies with attractive card showing a fireboat fighting a dock fire. (Frank Waysse)                                                                                                                                                        |

RV96, 15.240 mcs., Moscow, is listed by the RMA as transmitting news in English at 7 P.M., Sunday, Tuesday, and Thursday; 5:30 P.M. Friday; and a talk on Soviet life at 3 A.M. Saturday, December 16.

HIGH FREQUENCIES (EST) - By Earl R. Roberts

| <u>Mcs.</u> | <u>Call</u> | <u>Location</u>                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-------------|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 21.630      | WRCA        | New York, N.Y., schedule:- noon to 3:30 P.M. (Richard Daneker, Pa.)                                                                                                                                                                                                                                                                                                                                                                  |
| 19.235      | DFA         | Nauen, Germany, contacted WKK, New York, at noon, and switched to inverted modulation. (Roger Legge, N.Y.)                                                                                                                                                                                                                                                                                                                           |
| 17.780      | WNBI        | New York, schedule:- 9 A.M. to 11 P.M. (Daneker)                                                                                                                                                                                                                                                                                                                                                                                     |
| 15.360      | DZG         | Zeesen, Germany, opens with an oriental program at 11:30 A.M. Sundays. The usual music box interval signal is replaced with one of four chords on an instrument similar to a piano. (Roberts, Ind.)                                                                                                                                                                                                                                  |
| 15.170      | RW100       | Tashkent, U.S.S.R., is believed to be the station contacting RKI daily at 7-10 A.M. since RIM, 15.25 mcs., is missing now. (Norman Kriebel, Pa.)                                                                                                                                                                                                                                                                                     |
| 15.160      | JZK         | Tokyo, is strongest of all Far East stations from 8-9 P.M. on the North American program. (John L. Tate, Va.)                                                                                                                                                                                                                                                                                                                        |
| 15.120      | HVJ         | Vatican City, is on almost daily with R8-9 plus signal at 10 A.M. (Geo. H. Trisdorfer, N.Y.)                                                                                                                                                                                                                                                                                                                                         |
| 11.780      | ----        | Radio Saigon, Indo-China, is relaying news bulletins from the BBC at 6:30 and 11 A.M. in English and also at 6:45-7 P.M. when the French bulletin is rebroadcast. Can be heard under HP5G at the latter hour. (M. W. Soplop)                                                                                                                                                                                                         |
| 11.760      | I2R015      | Rome, now R9 from 6 A.M. on, heard as late as 12:30 P.M. 12/3. (Kriebel, Jimmy Hart, N.J.)                                                                                                                                                                                                                                                                                                                                           |
| 10.080      | YV5RN       | Caracas, a harmonic of the same station on 5.040 mcs. is R9 at 5:15 P.M. (Sergio Gonzalez, Havana, Cuba)                                                                                                                                                                                                                                                                                                                             |
| 9.998       | ----        | "Podebrady Radio" thought to be the former Czechoslovakian station, heard Saturday, 11/25, at 3 P.M. with English and French programs. Announced frequency as 9.998 mcs., 29.97 meters. Signal R9 plus. (C. Leboeuf, Mass.)                                                                                                                                                                                                          |
| 9.900       | YV4RO       | Valencia, Venezuela, harmonic of 4.95 mcs., heard evenings. Is QRM'd by a scrambled voice phone on same frequency. (Roger Legge)                                                                                                                                                                                                                                                                                                     |
| 9.700       | ----        | Radio Martinique seems to be weaker in signal strength lately with some code interference. A very complete and accurate report sent two months ago has not been verified. Have other members had this trouble? (Tate)                                                                                                                                                                                                                |
| 9.670       | WRCA        | New York, schedule:- 4 P.M. to 1 A.M. (Daneker)                                                                                                                                                                                                                                                                                                                                                                                      |
| 9.635       | KZRH        | "Voice of the Philippines", Manila, is being well heard from 6-9 A.M. The Manila Night Hawks are on the air daily at 10-11 A.M.; 11 PM to midnight Manila time. Announced long wave frequency as 710 kcs. Station closes down at 11 A.M. with "Star Spangled Banner", to open again at 6 A.M. (Chas. M. Robinson, Iowa; Soplop; Kriebel) Listed in the Berne List as KZRH, 1 Kw., 9.635 mcs., operated by H. E. Heacock Co., Manila. |
| 9.465       | TAP         | Ankara, Turkey, heard from 9-9:45 P.M. in German, French, English, and Turkish. In English they spoke of the Turkish merchant marine. (Gonzalez)                                                                                                                                                                                                                                                                                     |
| 9.290       | HI2G        | Ciudad Trujillo, D.R., received R9 from 6-6:30 P.M. (Gonzalez)                                                                                                                                                                                                                                                                                                                                                                       |
| 7.240       | EA8AS       | Teneriffe, Canary Islands, relays news in Spanish to other stations, including EASAK, 7.05, and EA9AI, 7.19 mcs., quite often around 7-8 P.M. (Roger Legge)                                                                                                                                                                                                                                                                          |
| 7.220       | HAD         | Budapest, Hungary, is heard with fairly good signal at 10 P.M. to midnight often QRM'd by HCLFG on same frequency. Signs shortly after midnight. (Legge)                                                                                                                                                                                                                                                                             |
| 6.150       | YSW         | San Salvador, announces YSS as the long wave station, heard at 10 P.M. (Kriebel)                                                                                                                                                                                                                                                                                                                                                     |
| 6.130       | VLW         | Perth, Western Australia, is now on the air and coming through R6-7 at 6 to about 6:45 A.M. at which time CHNX comes on the air. News is read at 6:15 A.M. Can be heard up to fade-out at about 7:45 A.M. Sundays when Halifax comes on the air later. (Jimmy Hart, N.J.; Roberts, Ind.)                                                                                                                                             |
| 6.100       | WNBI        | New York, schedule:- midnight to 1 A.M. (Daneker)                                                                                                                                                                                                                                                                                                                                                                                    |
| 5.957       | HI1J        | San Pedro de Macoris, D.R., received from 10-10:30 P.M. later than listed schedules. (Gonzalez; Daneker)                                                                                                                                                                                                                                                                                                                             |
| 5.875       | HRN         | Tegucigalpa, Honduras, with news in Spanish at 10:30-10:50 P.M. (Gonzalez)                                                                                                                                                                                                                                                                                                                                                           |
| 5.855       | TGX1        | Guatemala City, signed at 11 P.M. after program of concert music with announcements in English and Spanish. (Daneker)                                                                                                                                                                                                                                                                                                                |

HIGH FREQUENCIES (EST) - Continued from page 5.

| <u>Mcs.</u> | <u>Call</u> | <u>Location</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-------------|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 4.975       | YVLRJ       | Radio Falcon, Coro, Vene., signs at 10 P.M. (Gonzalez)                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 4.920       | YV5RU       | Caracas, verifies with old YV5RR card and old frequency. (Danecker)                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 4.895       | HJ3CAH      | La Voz de la Victor, heard from 9:30-9:45 P.M., 11/22. (Gonzalez)                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 4.835       | HJLABE      | Laboratorios Fuentes, received from 9:30-9:45 P.M. (Gonzalez)                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 4.287       | WAY         | Lake Bluff, Illinois, coastal harbor station at 7:18 P.M. WOM, Hialeah, Florida, at 7:35 P.M. (Charles Leboeuf)                                                                                                                                                                                                                                                                                                                                                                           |
| 3.410       | WNI         | Mt. Desert Island, Maine, Lighthouse, heard at 7:30 A.M. (Leboeuf)                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 3.402       | WWOS        | Old Mackinac Point LH, Michigan, at 10:35 P.M. working WWO, Ashland Breakwater LH, Wisc. (Leboeuf)                                                                                                                                                                                                                                                                                                                                                                                        |
| 3.105       | KHFJJ       | Boeing 247-D plane, NC-11, 100 watts power, heard at 6:02 P.M. (Leboeuf)                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 2.738       | -----       | Ships heard:- WCVZ, Trawler Stanley B. Butler; WPTH, S.S. Paratex on Lake Erie; WDHK, Tug Bridgeport; WCYP, Power Cruiser Elco XLIV; WNXU, S.S. J. Clair Miller on Great Lakes; WPNR, Yacht Caliban IV; WTXA, Tug Courageous; WTQF, Yacht The Friars; KPGA, S.S. Allegany; WCSL, Tug Coney Island; WPTS, Tug Tallmans Island; WPSJ, Tug Wards Island. The last three tugs are owned by the City of New York and used to tow barges filled with garbage to be dumped out to sea. (Leboeuf) |
| 2.670       | -----       | Lighthouse #103 and USCG station at Port Huron, Michigan, logged at 6:30 P.M. (Leboeuf)                                                                                                                                                                                                                                                                                                                                                                                                   |
| 2.572       | WWM         | Marquette LH, Michigan; and NMD, Cleveland, Ohio, at 10:30 and 10:45 P.M. respectively. (Leboeuf)                                                                                                                                                                                                                                                                                                                                                                                         |

\*\*\*STATION NOTES\*\*\*

Stations operated by the Trans-Canada Airlines all on 3.2125 mcs. are:- CYK, Calgary, Alta.; CYG, Cranbrook, B.C.; CYU, Edmonton, Alta.; CYM, Kapuskasing, Ont.; CYH, Lethbridge, Alta.; CYT, Malton, Ont., replaces Toronto; CYN, North Bay, Ont.; CYI, Oliver, B.C., CYR, Ottawa, Ont.; CYO, Regina, Sask.; CYD, S. Hubert, Chambly Co., Quebec, replaces Montreal; CYJ, Vancouver, B.C.; CYL, Wagraming, Ontario; CYF, Winnipeg, Manitoba. Power on all stations is 400 watts.

COX4, Havana, Cuba, 100 watts, operated by Ejercito Constitucional, is listed on 4.290 mcs., and 6.390 mcs. for broadcasting services.

Reykjavik, Iceland, is listing additional frequencies for both telephone and broadcast services:- TFI, 5.058 and 5.125 mcs.; TFK, 9.005 and 9.060 mcs.; TFJ, 10.250, 12.175, and 12.235 mcs.; TFL, 13.965 mcs.; TFM, 15.740 mcs.; and TFN, 17.890 mcs.

PRF5, Rio de Janeiro, Brazil, is listed on several frequencies with 12 kw.:- 6.105, 9.600, 15.190, 17.785 mcs.

KZRM, Manila, P.I., Far Eastern Broadcasting Co., is listed on 15.300 mcs., 1 Kw.

KZRF, Manila, P.I., Far Eastern Broadcasting Co., is listed on 17.780 mcs., 1 kw.

ZHP, B.M.B.C., Singapore, Straits Settlements, is assigned to 9.530 mcs., 500 watts, which would seemingly place it too close to ZBW3 on 9.525 mcs.

Hanoi, French Indo-China, is constructing a new broadcast station to operate on 9.670 mcs. Saigon, Indo-China, is building a station to work on 11.830 mcs.

The following frequencies have been deleted as per the Berne supplement for October, 1939:- TIGPH, 5.820 mcs.; TIPG, 6.410 mcs.; VUB2, 9.565 mcs.; VUD2, 9.575 mcs.

HIGH FREQUENCIES (EST) - By Earl R. Roberts

| Mcs.   | Call   | Location                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|--------|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 25.250 | W5XD   | Dallas, Texas, received at 2 P.M. relaying WFAA. (Roger Legge, N.Y.)                                                                                                                                                                                                                                                                                                                                                                                                 |
| 21.680 | HAD    | Budapest, Hungary, transmits from noon-3 P.M., heard R5 with rapid fades. (Desmond Callan, Mass.; Legge, N.Y.)                                                                                                                                                                                                                                                                                                                                                       |
| 21.570 | WCBX   | New York City, R8, with news from 8-8:15 A.M. (Sergio Gonzalez, Cuba)                                                                                                                                                                                                                                                                                                                                                                                                |
| 21.540 | WPIT   | Pittsburgh, Pa., R8 with news from 8-8:05 A.M. (Gonzalez)                                                                                                                                                                                                                                                                                                                                                                                                            |
| 17.765 | TPC3   | Paris Mondial, France, on this frequency at 7:30 A.M. (Charles Leboeuf, Mass.) The call TPC3 is given for this frequency in the Berne list.                                                                                                                                                                                                                                                                                                                          |
| 17.280 | FZE8   | Djibouti, French Somaliland, finally heard after many futile efforts on December 7, with both phone and CW from 8-8:30 A.M. Signal only R4. (M.W. Soplop, N.Y.) Is on the first Thursday of each month same time.                                                                                                                                                                                                                                                    |
| 15.775 | WFH    | Louisville, Ky., heard signing at 3:47 A.M., 12/2, with IRF, good signal. (Richard Daneker, Pa.)                                                                                                                                                                                                                                                                                                                                                                     |
| 15.325 | JLT3   | Tokyo, Japan, operates from 9-10:30 P.M. (IDA)                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 11.970 | CB1180 | Santiago, Chile, at 10:15 P.M., 12/3, carried a speech in Spanish in chain with CB1170, 11.70 mcs.; CB1174, 11.74; CB960, 9.60; CB974, 9.74 mcs. CD1190, 11.91 mcs., was the only station not carrying the speech. (Soplop)                                                                                                                                                                                                                                          |
| 11.850 | HAD    | Budapest, schedule 3-6 P.M., is inaudible due to QRM from Paris and London. (Desmond Callan)                                                                                                                                                                                                                                                                                                                                                                         |
| 11.843 | ----   | Paris, France, is heard daily from 12:30-1:30 P.M. broadcasting to North America. (Callan)                                                                                                                                                                                                                                                                                                                                                                           |
| 11.830 | VLW3   | Perth, Western Australia, was heard until 6:24 A.M., Sunday, 12/3, then switched to 6.130 mcs. (Jimmy Hart, N.J.)                                                                                                                                                                                                                                                                                                                                                    |
| 11.780 | ----   | Radio Saigon, Indo-China, received at 6:15 A.M. (Andrew Hill, N.J.) Daily English program starts at 6 A.M. with news. 6:12- music and variety program. English session closes at 6:45 A.M. weekdays, 7 A.M. Sundays. Special items- Tuesday, Listener's Mail; Thursday, Children's Hour. Verifies reception on 6.116 mcs. with cream card, station title in red with native girl in green. Power 12 Kw., relays 2 Kw. station on 1000 kcs. (Legge; Roberts, Indiana) |
| 11.740 | CR6RC  | Radio Club de Angola, Cx. Postal 229, Luanda, Angola, 50 watts. operates daily 6:30-7:45 A.M.; Tuesday, Wednesday, Saturday, 3:30-5 P.M.; and Sunday, 9:30 A.M.-1:00 P.M. (IDA)                                                                                                                                                                                                                                                                                      |
| 11.730 | PCJ    | Hilversum, Netherlands, logged Saturday, 12/2, 5:10-5:50 P.M., with a "Moral Re-Armament" program in English. (Andy Hill)                                                                                                                                                                                                                                                                                                                                            |
|        | JVW3   | Tokyo, transmits from 1:15-2:30 A.M. (IDA)                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 11.650 | X---   | NEW Chinese station still not positively identified is heard from 7:00-8:30 A.M. with news in English at 8:15 Sundays. (Callan, Hart)                                                                                                                                                                                                                                                                                                                                |
| 10.330 | ORK    | Ruyssede, Belgium, heard daily between 2:30-3 P.M. (Hill)                                                                                                                                                                                                                                                                                                                                                                                                            |
| 10.000 | ----   | Approximate frequency of the German Freedom Sender heard from 4:10 to sign off at 4:25 P.M. with good signal. (Hill)                                                                                                                                                                                                                                                                                                                                                 |
| 9.860  | EAQ    | Madrid, Spain, R8 from 7:30-8 P.M. (Sergio Gonzalez)                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 9.694  | TI4NRH | Heredia, Costa Rica, received daily from 9:30 to sign off at 10 P.M. (Andrew Hill)                                                                                                                                                                                                                                                                                                                                                                                   |
| 9.650  | I2AA   | Addis Abeba, Italian East Africa, logged 12/2, 1:55 to sign off at 2:15 P.M. with fair signal. (Hill)                                                                                                                                                                                                                                                                                                                                                                |
| 9.640  | CXA8   | Colonia, Uruguay, announces call and frequency clearly at 9-9:15 P.M. (Sergio Gonzalez, Cuba)                                                                                                                                                                                                                                                                                                                                                                        |
| 9.625  | HAD    | Budapest, schedule 6-9 P.M., inaudible due to QRM from CXA6 and 2R03. (Desmond Callan, Mass.)                                                                                                                                                                                                                                                                                                                                                                        |
| 9.600  | RAN    | Moscow, at 12 noon, 12/2, during the Finnish crisis, was heard reading an English, French, and Italian translation of a speech on announced wave lengths of 25 meters (12.0 mcs.), 31 m. (9.6 mcs.), 40, 41, and 43 meters. These latter three are new wave lengths for Moscow. (Callan)                                                                                                                                                                             |
| 9.595  | EIRE   | Athlone, Eire, signing on at 12:30 P.M., 12/3. Transmits on the odd dates on this frequency, even dates on 17.84 mcs. (Callan, Roberts)                                                                                                                                                                                                                                                                                                                              |

HIGH FREQUENCIES (EST) - Continued from page 5.

| <u>Mcs.</u> | <u>Call</u> | <u>Location</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-------------|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 9.560       | VW2         | Perth, W. Australia, logged on this frequency Monday, Tuesday, and Wednesday until after 6 A.M. (Jimmy Hart) Signal better than VLR, 9.58 mcs.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 9.530       | KGEI        | San Francisco, heard R8 with war and sport news from 9:30-9:50 A.M. (Gonz.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 9.475       | VONG        | St. John's, Newfoundland, address P.O.Box E 5372, verified with attractive white card with Island in blue. An interesting two page letter advises that the Broadcasting Corporation of Newfoundland controlling VONF and VONG commenced services March 13, 1939 with an Inaugural Program broadcast throughout Canada and Great Britain. Both transmitters are located at Mount Pearl, 5 miles outside St. John's. VONF, 10 kw., with crystal controlled Canadian Marconi Company high fidelity equipment, operates daily except Sunday from 8:30 A.M.-1:30 P.M., and 4:30-9:30 P.M. VONG, 300 watts, transmits 8:30 A.M.-1:30 P.M. on 9.475 mcs., and 4:30-9:30 P.M. on 5.970 mcs. Reports are welcomed. And for the BCB DX fan, stations listed in some magazines as VONF, 1195 kcs.; VOGY, 840 kcs.; and VOAS, 940 kcs., have all closed down and it is doubtful if they will be heard again. (ERR) VONF is now transmitting on 640 kilocycles. |
| 8.500       | LZA         | Sofia, Bulgaria, reported heard to 4:30 P.M. (Australian DX Club)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 8.185       | PSK         | Rio de Janeiro, Brazil, transmits 6-7 P.M. with PSK. (Roberts)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 7.850       | ----        | Unidentified station with Oriental music heard 2-3:30 P.M. (Callan)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 7.220       | EAJ9        | Malaga, Spain, heard with fair strength till sign off. (Legge)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|             | HAD         | Budapest, signs on at 9 P.M. with fair signal increasing to R9 at 11 P.M. (Callan, Legge)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 6.455       | COHI        | Santa Clara, Cuba, P.O. Box 376, is R9 plus around 11 P.M. (Van Voorhees)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 6.395       | COCQ        | Havana, now heard on this new frequency R9 plus at 9:30-10 P.M. or later. (Richard Daneker)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 6.350       | HH3W        | Port-au-Prince, Haiti, relays HHW, heard on this new frequency until 9:15 P.M. (Roger Legge)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 6.140       | HJDE        | Medellin, Colombia, relays HJDK, strong signal early evenings. (Legge)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 6.130       | TG--        | Guatemala, R8 from 8:45-9:30 A.M., frequency announced three times clearly but call not heard. COCD was not on at this time. (Sergio Gonzalez)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 6.097       | ZRK         | Klipheval, South Africa, logged from 3:45-4 P.M., 12/2. (Andy Hill)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 6.040       | XETW        | Tampico, Mexico, R8 from 8:15-8:30 A.M. (Gonzalez)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 6.015       | HJCX        | La Voz de Bogota, heard signing at 11:16 P.M. in Spanish, English, French, Italian, Japanese, and perhaps others. (Roberts)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|             | CXA30       | Montevideo, Uruguay, logged 12/9 signing at 1:05 A.M., evidently after a test program. Signal R8, QSA5. (Roberts)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 5.830       | TIXGP3      | San Jose, Costa Rica, R8 at sign off at midnight. This is an experimental call. (Fred Van Voorhees, Pa.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 4.795       | HJ4DAX      | Medellin, Colo., fine signal evenings with announcements by lady. (Legge)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 3.402       | WWR         | Detroit Lighthouse heard at 8 P.M. in contact with WWEB, QRA wanted. (Leb.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 3.162       | WNAK        | Cleveland, Ohio, United Air Lines, testing at 5:15 P.M. (Leboeuf)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 3.105       | WWAP        | Pittsburgh, Pa., ground station logged at 6:10 P.M. WWHT, Toledo, Ohio, ground station in contact with plane TWA-20, both at 6:20 P.M. (Leboeuf)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 2.830       | WAID        | Portable-mobile of WFBL, Syracuse, located in an airplane, tested with WAUQ, Syracuse. (Harold Tucker, N.Y.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 2.770       | WWMD        | Derby Line, Vt.; WWME, Chataugay, N.Y.; WWMH, Highgate Springs, Vt.; WWMP, Rouses Point, N.Y.; and WWMR, Richford, Vt., all U.S. Immigration Border Patrol Stations heard on 12/2. (Frank Waysse, N.Y.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 2.738       | KJMH        | Tug Helen J. Tracy; KJRI, Tug Menomony, heard at 7:40 P.M. (Leboeuf)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|             |             | WTJO, S.S. Panama, at 9 P.M., 420 miles South of New York bound for Haiti.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|             |             | WNUI, Steamer Del Marva, operating between Cape Charles and Norfolk, Va.;                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|             |             | S.S. Ancon, bound for New York with 174 passengers; Steamers Wallace, Wilson, Robins, all in Lake Erie. (Legge)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 2.726       | WANC        | Jamestown, N.Y., special emergency station of American Legion, tests with 160 meter hams around 10 P.M., especially active Mondays. The operator stated that many emergency stations were on this frequency operated by telephone companies and Western Union, but only one other privately owned station at Lake Bluff, Illinois. (Voorhees, Legge)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

HIGH FREQUENCIES (EST) - Continued from page 6.

| <u>Mcs.</u> | <u>Call</u> | <u>Location</u>                                                                                                                                                                                                                                                                                                                                                                           |
|-------------|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2.726       | WAGU        | Lake City, Fla., forestry station heard at 5:20 P.M. WOAJ, Millbury, Mass., special emergency station logged. (Leboeuf) WRWJ, verified promptly by Radiotelephone Engineer J.M. Henry, 8 Harrison Ave., Boston, Mass. The transmitter is a 50 watt set of a type used in pairs to bridge gaps in telephone lines during emergencies created by storms, floods, forest fires, etc. (Legge) |
| 2.670       | ----        | USCG Grand Island, La., surf station contacting Mobile Radio at 7:30 P.M.<br>USCG Lewes, Dela., surf station contacting Cape May Radio at 6:05 P.M.                                                                                                                                                                                                                                       |
| 2.662       | NMN         | Virginia Beach, Va., verified in 7 days, signed by H. J. Kischassey, Officer-in-Charge. NMY, Rockaway Point, N.Y., also heard. (Frank Waysse)                                                                                                                                                                                                                                             |
| 2.370       | CY2J        | Westmount, Quebec, police station, at 9:15 P.M. (Leboeuf)                                                                                                                                                                                                                                                                                                                                 |
| 2.198       | WDNX        | Tug John Murray contacting WOX at 6:05 P.M. KJQW, Tug Mars at 6:15. (Leb.)                                                                                                                                                                                                                                                                                                                |
| 2.142       | WDKN        | Yacht Powhattan contacting WGB at 7:45 P.M. (Leboeuf)                                                                                                                                                                                                                                                                                                                                     |

CALL LETTERS ASSIGNED TO THE BYRD ANTARCTIC EXPEDITION

The following three commercial calls have been assigned for use in the commercial mobile marine frequency bands: KRTA - Snow Cruiser; KRTC - East Base; KRTK - West Base

Amateur calls assigned for use in the amateur frequency bands are: KC4USA - West Base; KC4USB - East Base; KC4USC - Snow Cruiser. (FCC)

HIGH FREQUENCIES (EST) - By Earl R. Roberts

| <u>Mcs.</u> | <u>Call</u> | <u>Location</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-------------|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 11.830      | VLW3        | Perth, Western Australia, heard at 5 A.M. (M. W. Soplop, N.Y.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 11.825      | CXA14       | Montevideo, Uruguay, was heard regularly until 9:15 P.M. for several evenings. (Soplop)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 11.720      | CJRX        | Winnipeg, Manitoba, heard 12/14, at 7:15 P.M. for the first time in weeks. (Roberts, Indiana)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 11.708      | CXA19       | Montevideo, logged just above HP5A (although listed on 11.695 mcs.), 12/8, apparently testing. Played popular American dance tunes with station call announced in Spanish. Signed at 7 P.M. (Glenn Ford, Kansas)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 9.750       | ZRO         | Durban, South Africa, believed to be the station signing at 3:41 P.M., 12/17, with "God Save the King". Announced time as 10:38 P.M. just before going off the air. Signal R7. (Roberts)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 9.680       | EQC         | Teheran, <u>Iran</u> (Persia), is believed (not quite positive yet) to be the station received R8 at 7:15 A.M., 12/12. Announced in Iranian as "La Vos de Teherana, Ay-Koo-See (EQC)". Played European music of all kinds. "Volga Boatman" heard at 7:15. A talk by a man was given at 7:30 A.M. Some QRM from ZHP, 9.69 mcs. (Desmond Callan, Mass.) Heard with a talk in English at 6:25 A.M., 12/17, and played music similar to that of India interspersed with popular tunes. Call could not be heard however. (Jimmy Hart, N.J.) Will members please check this station and advise if this is actually EQC now on the air? Due to unusually poor DX conditions in Indianapolis, ye writer cannot receive much on 31 meters at this hour. This is a very fine catch and a new country to shoot for. |
| 9.640       | CR7BE       | Lourenco-Marques, Mozambique, P.O.Box 594, is now putting an amazing signal into the United States early afternoons. Signal hit 72 db. in Allegany, N.Y., and registered R9 plus even in Indianapolis. Is heard from 2-4 P.M., announcements in Portugese and English (usually by a girl), advising that the tests are for Europe and requesting reports to the above P.O.Box. Interval signal of several chimes used. This is a fine chance to log yet another rare country. Relays the same program as CR7BD, 15.240 mcs. CR7BH is off the air. (M. W. Soplop; Roberts)                                                                                                                                                                                                                                |
| 9.000       | ----        | Unidentified French speaking station heard 12/4 from 3:20 to sign off at 3:43 A.M. (Richard Daneker, Pa.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 7.850       | ZAA         | "Radio Tirana", Tirana, Albania, is R9 plus till sign off at 3:30 P.M. when a short march is played. (Soplop)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 6.147       | CJRO        | Winnipeg, broadcasts news at 9 and 10:45 P.M. (Roberts)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 6.010       | ----        | Another unidentified station is now heard on about 6.010 or 6.020 mcs. at 6-6:30 A.M. Played organ music, 12/17. (Jimmy Hart)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 5.820       | HJBC        | ----, Colombia, relays HJBD, logged just under TIGPH, 12/14, at 11 P.M. Modulation very poor. (Roberts)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 4.862       | VY8U        | ----, location not known, in contact with CZ5M, Routn, Quebec, at 4:20 P.M. (Charles Leboeuf, Mass.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 4.495       | ----        | U.S. Army planes 7479 and 7352 logged. (Leboeuf)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 3.410       | WWDL        | L.H.T. Mistletoe logged at 8:35 P.M. WWBO, Smith Point Lighthouse, V.a, at 8:35. WWXL, Relief Lightship #91 at 8:35. (Leboeuf)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 3.105       | ----        | U.S. Navy plane 51 heard calling NEL. (Leboeuf)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 2.946       | WQA         | Rocky Point, N.Y., called GAQ. Cannot understand the station being on this frequency as it belongs to the Boston Maine Airways. The Manchester and Boston stations complained of a howl on this frequency so they were evidently hearing WQA also. Reception at 7:30 P.M. (Leboeuf)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 2.738       | WMDT        | Trawler Notre Dame; WPUC, Trawler Villa Nova; and WFFG, Trawler Maris Stella, logged at 7:45 P.M. while fishing the Georges Banks. (Leboeuf)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 2.698       | NRLP        | Patrol Boat "Agassiz" in contact with Princess Ann Radio at 6:14 P.M.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 2.670       | NRJP        | CG-159 working Cape May Radio at 6:12 P.M. LHT Magnolia contacting Mobile Radio at 6:14. (Leboeuf)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 2.350       | WZBA        | Buzzards Bay, Mass., on Cape Cod Canal, heard working KFGA, the S.S. Allegany, at 8:50 P.M. WZAF, Chesapeake City, Dela., on Delaware and Chesapeake Canal at 9:10 working the Dorchester. WZAB, Canal Delaware, and WZAN, St. George, Delaware, at 6:05 P.M. (Leboeuf)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

HIGH FREQUENCIES (EST) - Continued from page 5.

The following list of Venezuelan stations has been logged by Carroll H. Weyrich, Parkville, Md., with the times given when least interference is noticeable. Several of them were also reported by Richard Daneker and Charles Leboeuf.

| <u>Mcs.</u> | <u>Call</u> | <u>City</u>                   | <u>Mcs.</u> | <u>Call</u> | <u>City</u>                 |
|-------------|-------------|-------------------------------|-------------|-------------|-----------------------------|
| 5.040       | YV5RN       | Caracas, nightly until 10:30. | 4.900       | YV6RT       | Bolivar, at 8:08 P.M.       |
| 5.020       | YV4RQ       | Puerto Cabello, at 8:51 P.M.  | 4.890       | YV1RX       | Maracaibo, at 10:42 P.M.    |
| 5.010       | YV5RM       | Caracas, at 9:01 P.M.         | 4.870       | YV2RN       | San Cristobal, at 8:14 P.M. |
| 4.990       | YV3RX       | Barquisimeto, at 11:05 P.M.   | 4.860       | YV1RL       | Maracaibo, at 5:36 P.M.     |
| 4.975       | YV1RJ       | Coro, at 8:42 P.M.            | 4.850       | YV1RZ       | Valera, at 9:13 P.M.        |
| 4.960       | YV5RS       | Caracas, at 9:26 P.M.         | 4.840       | YV4RX       | Maracay, at 9:08 P.M.       |
| 4.950       | YV4RO       | Valencia, at 8:47 P.M.        | 4.820       | YV3RN       | Barquisimeto, at 8:35 P.M.  |
| 4.940       | YV5RO       | Caracas, at 8:53 P.M.         | 4.800       | YV1RV       | Maracaibo, at 9:19 P.M.     |
| 4.930       | YV4RP       | Valencia, at 9:15 P.M.        | 4.790       | YV5RY       | Caracas, at 7:58 P.M.       |
| 4.920       | YV5RH       | Caracas, at 9:33 P.M.         | 4.770       | YV1RT       | Maracaibo, at 8:39 P.M.     |
| 4.910       | YV1RY       | Coro, at 9:35 P.M.            | 3.400       | YV5RW       | Caracas, at 9:43 P.M.       |

YV5RH heard on 4.920 mcs., is actually listed on 4.830 mcs., but as the call was heard three times there is little doubt that this is the real operating frequency. As the Uruguayan stations seem to be testing new transmitters now, we are herewith presenting as complete a list of them as possible for future reference.

In Montevideo

|                                                                               |  |  |  |  |  |
|-------------------------------------------------------------------------------|--|--|--|--|--|
| CXA30, 6.00 mcs., 250 watts, operators: Silva y Larrea.                       |  |  |  |  |  |
| CXA3, 6.075 mcs., 2500 watts, Servicio Oficial de Difusion Radio Electrica.   |  |  |  |  |  |
| CXA4, 6.125 mcs., 5000 watts, " " " " " "                                     |  |  |  |  |  |
| CXA9, 9.440 mcs., 250 watts, Difusoras "El Espectador Ltda."                  |  |  |  |  |  |
| CXA5, 9.485 mcs., 2500 watts, A Canepa y Cia., Millan 2370.                   |  |  |  |  |  |
| CXA2, 9.570 mcs., 5000 watts, Racine y Schmidt, Juan Carlos Gomez 1431.       |  |  |  |  |  |
| CXA6, 9.620 mcs., 5000 watts, Servicio Oficial de Difusion Radio Electrica.   |  |  |  |  |  |
| CXA19, 11.695 mcs., 2500 watts, Difusoras "El Espectador Ltda."               |  |  |  |  |  |
| CXA7, 11.735 mcs., 2500 watts, A Canepa y Cia.                                |  |  |  |  |  |
| CXA14, 11.825 mcs., -----                                                     |  |  |  |  |  |
| CXA10, 11.895 mcs., 2500 watts, Servicio Oficial de Difusion Radio Electrica. |  |  |  |  |  |
| CXA18, 15.300 mcs., 2500 watts, " " " " " "                                   |  |  |  |  |  |
| CXA16, 15.380 mcs., 2500 watts, A. Canepa y Cia.                              |  |  |  |  |  |
| CXA17, 17.800 mcs., 2500 watts, A. Canepa y Cia.                              |  |  |  |  |  |
| CXA21, 26.500 mcs., 2500 watts, Servicio Oficial de Difusion Radio Electrica. |  |  |  |  |  |
| CXA22, 29.500 mcs., 2500 watts, " " " " " "                                   |  |  |  |  |  |
| CXA23, 43.500 mcs., 2500 watts, " " " " " "                                   |  |  |  |  |  |
| CXA24, 58.000 mcs., 2500 watts, " " " " " "                                   |  |  |  |  |  |

In Colonia

|                                                                      |  |
|----------------------------------------------------------------------|--|
| CXA13, 6.155 mcs., 2500-watts, Isaac Raisenvitz, Real de San Carlos. |  |
| CXA8, 9.640 mcs., 5000 watts, Jaime Yankelovich, Real de San Carlos. |  |

For those wishing to try their luck on commercial phones in the harder-to-hear countries, this list of stations should prove of interest. Symbols used:- A1, CW; A3, Phone.

| <u>Call</u> | <u>Mcs.</u> | <u>Watts</u> | <u>Location</u>             | <u>Type</u> |
|-------------|-------------|--------------|-----------------------------|-------------|
| FJW         | 7.500       | 150          | Mataoutou, New Caledonia    | A3          |
| FJV         | 7.500       | 150          | Sigave, New Caledonia       | A3          |
| FZE9        | 7.567       | 5000         | Djibouti, French Somaliland | A1, A3      |
| FIA2        | 7.600       | 100          | Douala, French Camerouns    | A3          |
| FHC2        | 7.745       | 100          | Lome, Togoland              | A1, A3      |
| ZCK3        | 8.750       | 500          | Kai Tak, Hong Kong          | A1, A3      |
| TCA         | 9.360       | 400          | Ankara, Turkey              | A1, A3      |
| VQR8        | 9.370       | 250          | Nairobi, Kenya Colony       | A1, A3      |
| VQR9        | 12.000      | 250          | Nairobi, Kenya Colony       | A1, A3      |
| FIA6        | 11.270      | 800          | Douala, French Camerouns    | A1, A3      |
| FZV         | 14.750      | 15000        | Tananarive, Madagascar      | A1, A3      |
| FZT3        | 12.275      | 2000         | Tananarive, Madagascar      | A1, A3      |

Additional lists of such stations will be published from time to time if they prove popular. Although DX does not seem so good, there seems to be a great many new stations coming on the air and more reports are needed from members. How about it? 30..