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NO. 3



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VOICE OF THE

INTERNATIONAL SHORT WAVE CLUB

EAST LIVERPOOL, OHIO, U. S. A.

ROUND THE WORLD IN YOUR FAVORITE CHAIR



What many people call "skill" in tuning for short wave stations is nothing more or less than knowing **WHEN** and **WHERE** to tune for stations. Nearly all short wave stations are experimental and change their wave lengths or schedules almost without notice. To know when these changes take place is as important to successful reception as having a good receiver.

The time is given in Eastern Standard. Add five hours for Greenwich Mean Time.

NEW STATIONS

Azores. Ponta Delgada, using the slogan "Aqui Portugal, Ponta Delgada" is now using 4.01 mc., where it was heard 5:00 to 7:00 P.M. with clock striking at 7:00 and signing off with the national anthem, and on 7:30 mc. from 3:00 to 4:00 P. M. (Legge, N. Y.)

Brazil. Two new stations, each on two frequencies, are reported. PRE-9 at Forteleza, Caera, heard on 6.105 mc. between 5:00 and 9:05 P.M. just below GSL. (Legge, N. Y.) Heard also on 15.165 or 15.17 mc. 8:00 to 10:30 A.M. (Legge, Teague and Bird). Address is supposed to be Snr. J. Dummer, Director, Caixa Postal 143, Forteleza. The other station is PRF-3 on 6.095 mc. 6:00 P.M. to 9:00 P.M. and on 11.765 mc. as early as 4:30 P.M. and as late as 9:00 P.M. although they usually go to 6.095 mc. around 6:00 P.M. The address of this one is announced as P. O. Box 252, Sao Paulo. They announce "Radiodifusora Sao Paulo" (Legge, N.Y., Teague, Calif., Gallagher, Calif.) The "Hora de Brazil" programs have been heard over PRC-5 on 4.865 mc., PRF-3 on 6.095 mc., PRE-9 on 6.105 mc., PRA-8 on 6.01 mc. and PSH on 10.22 mc. (Legge).

Colombia. HJCA, Bogota, heard on 4.855 mc. 10:00 till 11:00 P.M., using slogan "Radio Cristal" (Legge, N. Y.)

Fiji Islands. VPD, Suva, heard on 11.895 mc. between 3:00 and 3:30 A. M. (Teague, Calif.) VPD heard on 15.168 mc. heard around 9:00 P.M. and between 4:30 and 5:30 P.M. (Teague). Heard on 15.168 mc. between 10:00 and 10:30 P.M. and announced a second program around 3:20 P.M.

M. in English, noon to 12:30 P.M. in French, and 7:00 to 7:30 P.M. in French, (Gallagher).

Japan. All schedules have been discontinued. Americans may try to tune on 6.19 mc., 6.89 mc., 7.25 mc., 9.53 mc., 11.70 mc., 11.72 mc., 11.80 mc., 11.81 mc., 15.10 mc. and 17.79 mc. Programs for America were being heard evenings over 11.72 mc., 11.80 mc., 15.10 and 17.79 mc. JVV was heard on 7.257 mc. 4:00 to 5:30 A.M. (Legge). Other material from Gallagher.

Manchoukuo. Letter says winter schedule is 9.545 mc. 8:00 to 9:30 A.M. daily and 4:00 to 5:00 P.M. except Wednesdays and Sundays and 11.775 mc. 12:30 to 1:30 A.M. daily and 4:00 to 5:00 P.M. except Wednesdays and Sundays. Does not mention station on 6.03 mc. at 3:00 A.M., 6.12 mc. 5:00 to 7:30 A.M., 9.19 mc., 9:30 to 10:30 A.M., or 15.23 mc., 4:00 to 4:50 P.M., all heard in Australia, (Gallagher, Calif.). Heard on 6.12 mc. 1:30 to 3:00 A.M. (Teague, Calif.)

Philippines. KZND, National Defense station at Manila on 8.79 was supposed to go on 9.515 mc. when crystal arrived, (Simpson). KZIB on 6.05 mc. not heard now. KZRC still on 6.10 mc., not 6.16 mc. as one magazine published, (Teague).

Thailand. A letter from HSP-5, Bangkok on 11.71 mc. said schedule was changed to 6:30 to 9:00 A.M. (Legge, N.Y.) The war probably closed this one.

Turkey. TAP, Ankara, on 9.46 mc. comes on at 10:15 A. M. instead of 11:00 as shown, (Teague, Calif.)

Straits Settlement. ZHP, Singapore, was heard on 9.525 mc. where ZBW used to be. Was heard 5:45 to 9:45 A.M. (National Radio Club). This one is probably down now.

EUROPE

Andorra. "Radio Andorra" is being heard around 3:00 P.M. now, with a lady doing the announcing. It is near 11.67 mc. (A visitor to headquarters reported this): Reported in Australia around 6:30 A. M.

Azores. Ponta Delgada heard now on 4.01 mc. 5:00 to 7:00 P.M. and on 7.30 mc. 3:00 to 4:00 P.M. (Legge, N. Y.)

Bohemia. DHE4C, Praha, once called OLR4C, is on 11.875 mc. instead of 11.84 mc. from 6:00 to 8:00 P.M. Relays German programs (National Radio Club).

England. Many new stations reported. One on 9.83 mc. using call GRH is used 5:45 to 11.45 P.M. now, on American program, (Teague, Bird, Legge). Another on 7.32 mc. is GRJ, heard 2:15 to 3:45 P.M. and again at 11:30 P.M. The afternoon programs are Greek and French, with the flute signal once used by Greek stations used, (Legge, N.Y.) GRG on 11.68 mc. heard 12:30 to 1:15 P.M. (Teague, Calif.) Heard 2:30 to 4:00 P.M. (Legge, N.Y.) New one on 9.88 or 9.89 mc. nights, (Oliver, Texas). One on 9.79 mc. heard till 11:45 P.M. (NRC). One on 11.885 mc. after 6:00 P.M. (Teague, Calif.) Official schedule shows these: GRI on 9.42 mc. 6:00 to 7:00 A.M.; GRH on 9.83 mc. 5:45 to 11:45 P.M. One on 12.01 mc. used 7:15 to 8:15 A.M. GRU on 12.04 mc. used 4:00 to 5:00 P.M. One

Egypt. Telephone station SUV, Cairo, on 10.05 mc., using the slogan "Radio Cairo," heard broadcasting 2:00 to 4:00 P.M. (Legge, N. Y.)

Free France. Radio Brazzaville, on 11.97 mc. now broadcasts 1:00 to 1:15 A.M., 8:30 to 9:15 A.M., 2:45 to 4:15 P.M. and 10:00 to 11:00 P.M. with English used at 2:45 and 10:45 P.M., according to Brazzaville magazine, (Gallagher). Heard once 2:00 to 3:00 P.M., so may have advanced program an hour, (Gallagher, Calif.) Letter from Brazzaville says there is no FHK in Libreville, Gabon, operating, (Legge, N.Y.) This station was supposed to be heard in several places.

Mozambique. CR7AA, Lobito, heard on 6.175 mc. now in place of 6.03 mc. and till 5:00 P.M. (Simpson, Australia). CR7BE, on 9.83 mc. and CR7RD on 15.25 both heard now 2:00 till 4:00 or 4:15 P.M. (NRC).

ASIA

Aden. ZNR, on 12.12 mc. is located in the British Protectorate of Aden, not in Arabia, (Legge, N. Y.)

China. Here is a line-up of Chinese stations as we have them now, twenty-one in all. XQLA, Cheking is on 5.15 mc. 1:30 to 5:30 A.M. according to a Chinese magazine. An XUD heard on 5.15 mc. at 6:00 A.M. in Australia. XGOY, Chungking on 5.95 mc. used 7:20 to 8:55 A.M. and 3:00 to 4:00 P.M. Some station is on 8.60 mc. with call like XGRH heard at 10:00 A.M. (Teague, Calif.) XLMA on 9.24 mc. heard in Australia at 7:30 A.M. XGOY heard on 9.48 mc. once 10:00 to 10:25 A.M. (Teague, Calif.) Supposed to be on 9.50 mc. 5:00 to 7:15 A. M. XGOX on 9.63 mc. used 9:00 to 10:30 A.M. XGOA on 9.72 mc. is off the air now, (Gallagher). Strong station on 9.94 mc. used 4:30 to 11:30 A.M., location not known. (Sutton, Legge, Gallagher). XGOL, Fukien on 10.00 mc. 2:30 to 7:30 A.M. listed in Chinese magazine. XGAP or XGAT on 10.26 mc. is powerful station heard 4:30 to 11:30 A.M. Reported at Peking, Peiping and Shanghai, (Legge, Sutton). Heard once 2:00 to 3:00 A.M. XGAP was Japanese-owned station on 9.56 mc. at one time, although Japanese disclaimed ownership, (Gallagher). XGOK, Canton, is on 11.65 mc. 5:00 to 9:00 A. M. XGOY is reported on 11.79 mc. in Australia at 4:30 P.M. daily XMHA, Shanghai, reported on 11.85 mc. instead of 11.88 mc., 7:00 to 8:00 P.M., evenings, as well as 5:00 to 9:00 A.M. in National Radio Club. XGOY on 11.90 mc. used 4:05 to 7:20 A.M. and 10:35 to 10:55 A.M. and heard once 1:00 to 2:00 A.M. (Gallagher). XGDN on 11.93 is China's best station in America. Heard 5:30 to 11:30 A.M. XIRS, Italian station at Shanghai, is on 11.98 mc. from 7:00 to 7:45 A.M. XGRS, Shanghai, heard on 12.02 mc. 6:00 to 8:00 A.M. evenings, (Legge, N. Y.) Heard on 12.07 midnight to 1:00 A.M. once, (Teague). Heard on 10.60 mc. at 8:13 A.M. (NRC). FFZ, French-owned station, Shanghai, was heard on 12.06 mc. 5:00 to 10:00 A.M. XGOY on 15.20 mc. now closed down, (Gallagher). Of course, the Japanese invasion of Shanghai probably meant the closing of XGDN and FFZ, although XIRS and XGRS should still operate.

India. Bombay, Delhi, Calcutta and Madras have moved from the 41 meter band to the 62 band around 7:00 A.M. (Legge).

Indo-China. Radio Saigon on 11.78 mc. is now heard 10:30 to 11:00 A.

but not heard then, (Gallagher, Calif.)

Mexico. XEAR, Oaxaca, heard on 6.035 mc., with power of 100 watts. Uses slogan "Radiodifusora Oaxaquena."

Paraguay. ZPA-2, Asuncion, heard on 11.72 mc., heard till 7:40 P.M. (Legge, N. Y.)

United States. Permission has been granted Wesley Dumm, owner of long wave station KSFO, San Francisco, California, to construct a new 100,000 watt station to operate on 6.06 mc., 9.57 mc., 11.87 mc., 15.35 mc., 17.61 mc. Broadcasts will be made twenty hours a day in English, French, Dutch, Spanish, Portuguese, Japanese and possibly Chinese, Thia, Russian and Korean, (Teague, Mich.)

U. S. S. R. Kuibyshev, on 15.115 mc. heard broadcasting 6:30 to 7:55 P.M. in English. Announced "This is Radio Centre, Kuibyshev calling" (Legge, N. Y.)

Venezuela. YV4RK, Maracay, "Radio Maracay" heard on 3.39 mc. evenings till 9:30 P.M. (Legge, N.Y.)

(Note)—New stations in England, Italy and Germany are reported, but these are not absolutely new stations and are mentioned under their respective countries.

GENERAL NEWS

OCEANIA

Australia. The American program from 7:25 to 8:05 A.M. will be on 9.54 and 9.59 mc. after December 8th. Has been heard on 9.54 mc., 9.68 mc., 11.88 mc. and 7.25 mc. of late, (Legge, N.Y.) Make these changes in your station list. On 9.54 mc. 7:25 to 8:05 A.M. On 9.61 mc. 3:25 to 4:25 A.M. On 11.71 mc. 12:55 to 1:40 A.M. On 11.88 mc. (VLQ-7) 10:25 to 11:10 A.M. and on VLG-5 midnight to 3:00 A.M., and 8:10 to 10:00 A.M. On 7.25 mc. (VLQ-9) 3:25 to 4:25 A.M. Please note that VLG-3 is on 11.71 mc. Most of this has come from Gallagher of California. Others sending reports are Teague, Calif., Keever and Sutton, Ohio; Legge and Commene, N. Y.) Teague says that VLW-2 is on 9.65 mc. and not 9.56, and that Perth was also heard on 11.82 or 11.83 mc. once 2:00 to 2:30 A. M.

Flash. VLQ-10, Sydney, on 9.59 mc. is now heard 7:25 to 8:10 A.M. for American listeners, (Legge, N. Y.) Australia wants reports from northwestern states. Please send to Australian News & Information Bureau, 610 Fifth Ave., New York City, (Gallagher).

AFRICA

Angola. CR6RB, Benguela, operated by Radio Club de Benguela with 50 watts power is on 10.95 mc. week-days now 2:30 to 3:30 P.M. and CR6RA, Luanda, operated by Radio Club de Luanda, with 50 watts power is on 9.47 mc. and CR6RC on 11.74 mc. are broadcasting Wednesdays and Saturdays 2:30 to 4:00 P.M. CR6RB and CR6RA are reported heard now in an American magazine.

Cameroons. A station on 8.00 mc. and one on 11.71 mc. are reported heard at 5:45 P.M. by an American in the National Radio Club bulletin.

listed on 13.86 meters used 5:15 to 6:00 A.M. and 7:15 to 8:15 A. M.

Estonia. Radio Reval, on 13.07 mc., heard at 3:00 P.M. and announced in English, (Radio Union, of Cuba).

Germany. New station heard on 11.88 mc. at 8:30 P.M. (Legge, N. Y.) Some German on 9.545 mc. or 9.48 mc. usually broadcasting ten minutes before the hour from 2:00 to 8:00 P.M. Programs usually last five minutes (Legge). DXJ on 7.24 and DXM on 7.27 mc. sometimes used after 4:30 P.M. (Legge).

Italy. New station heard on 15.07 mc. 10:30 A.M. to noon and one on 11.91 mc. heard 6:00 to 6:30 P.M. (Legge, N.Y.) American program heard on 8.95 mc., a new one, 8:10 to 10:10 P.M. (NRC) IRS on 9.97 mc. heard at 8:00 P.M. in Spanish, (NRC) Rome on 9.63 mc., 11.81 mc. and 15.30 mc. all come back on the air at 11:30 P.M. after signing off on American program around 11:20 P.M. (Oliver, Texas). New Italian heard on 11.70 mc. 2:30 to 3:30 P.M. (Legge).

Norway. LKQ, Oslo, on 11.735 mc. heard at 1:00 A.M. sending list of names, ranks, etc., of soldiers, (Gallagher, Calif.) LLH, Oslo, on 9.645 mc. heard 8:55 to 10:00 P.M. with programs for America, (Legge, N. Y.)

Portugal. CSW-8, Lisbon, on 7.24 mc. heard at 3:00 A.M. (National Radio Club). CSW-6 on 11.04 mc. heard 7:00 to 8:00 A.M. (NRC). New schedules.

Roumania. Radio Bucharesti is on 9.27 mc., opening at 3:45 P.M. daily, Repeats nine chimes then announces. Uses Italian at 4:30 P.M., French at 4:45 P.M., English at 5:00 P.M., and Roumanian after 5:15 P.M. (Simpson, Australia). Station heard on 9.26, 4:00 till 5:05 P.M., may be Roumanian, (Legge).

Slovakia. "Radio Bratislava" at that city, is heard now on 9.525 mc. Mondays, Wednesdays, Fridays and Saturdays 6:00 to 7:00 P.M. They announce 9.503 mc. but heard on 9.525, (Legge, N. Y.) Heard till midnight one Monday, (Taylor, Mass.)

Spain. A station at Valencia is on 7.03 mc. broadcasting daily 5:00 P.M. to 6:00 P.M. Uses slogan "Voz Espana." (Legge, N.Y.)

Switzerland. HER-3 on 6.16 mc. heard at 2:00 A.M., new time (NRC). HER-4 on 9.53 mc. heard till 10:15 P.M. one Monday, (Bird, Del.)

U. S. S. R. The Soviets seem to have discontinued stations on 9.60 mc., 11.74 mc., 11.78 mc., 11.90 mc., 15.18 mc., 15.34 mc. and 15.41 mc. and are using 15.11 mc. and 15.23 mc. Heard on 9.52 mc. at 11:00 A.M. once. Uses 15.11 and 15.23 most evenings, (Gallagher). Heard on 9.56 or 9.57 mc. at 6:00 to 9:00 P.M. and 10:00 to 11:30 P.M. (Teague, Calif.) Moscow heard on 14.955 mc. 7:00 to 8:30 A.M. (Legge). Announced Kuibyshev on 15.11 mc. (Legge).

Vatican. HVJ, on 15.12 mc. heard 9:00 to 11:30 A.M. with messages to Italian prisoners of war in Egypt, (Legge, N. Y.)

Unidentified. A station announcing "Italia Radio Libertad" heard on 11.505 mc., 3:30 to 3:40 P.M. and 7:00 to 7:15 P.M. (Legge, N. Y.). A station announcing "Radio Inconnu" heard on 9.749 mc. at 1:00 A.M. Has chimes and signs off with "Think and Act French" (Simpson, Australia).

Is "Inconnu," which is French for "Unknown" and used daily 2:30 to 3:00 P.M. (Keast, Australia). A "Christian Peace Movement" on 9.43 mc. with talks in English at 2:45 A.M. (Simpson, Australia). "European Revolutionary" station on 9.64 mc. opens at midnight, (Simpson). "Radio Antoine," which may be the same station as Radio Unconnu is on 9.75 mc. 1:00 to 1:15 P.M. (A.W.A.) Station "Radio Mediterranee" believed to be in Spain, heard on 7.13 mc. afternoons and evenings.

SOUTH AMERICA

Argentina. LSX, Buenos Aires, on 10.35 mc., a telephone station, heard re-broadcasting Rome 7:00 to 9:00 P.M. (Gallagher, Calif.)

Bolivia. CP-43, Tupiza on 15.17 mc. heard 5:00 to 7:00 P.M. several times, (Gallagher, Calif.) Heard 8:00 to 9:30 P.M. (NRC).

Brazil. Two new stations are shown in our new station section. Other reports follow: PPQ, a phone station on 11.67 mc. heard sending programs once 8:00 to 9:30 P.M. (Gallagher). PSH on 10.22 mc. heard Saturdays 8:00 to 8:30 P.M. while it is not listed for that day, (Keever, Ohio)

Dutch Guiana. A broadcast of the American forces at Paramibo heard over some station on 10.30 mc. 8:00 to 8:30 P.M. (Keever, Ohio). PZX, Paramaribo, heard on 11.516 mc. 6:30 to 7:30 P.M. (Legge and Teague).

Ecuador. HC2AK on 9.31 mc. at Guayaquil signs at 10:00, not 9:00 P.M. (Teague). HCQRX on 5.97 mc. opens at 6:45 A.M. and HC2ET on 9.19 mc. opens at 7:00 A.M. (Simpson, Australia).

Peru. OAX5C, Ica, "Radio Universal" now heard on 9.54 mc. in place of 9.80 mc. evenings, (Legge, N.Y.) OAX4Z on 6.08 mc. signs off at midnight, not 11:30 P.M. and OAX1A on 6.29 mc. closes at 10:50, not 11:30 P.M. (Teague, Calif.)

Uruguay. CXA-6 on 9.63 mc. heard signing at 9:10 P.M. in place of 10:15 P.M. and CXA-8 on 9.64 mc. opens at 5:00 A.M., not 6:00 A.M. (Oliver, Texas).

CENTRAL AMERICA

Costa Rica. TILS, San Jose, on 6.16 mc. heard till 1:15 A.M. listed only till 11:30 P.M. (Teague, Calif.) TIWS, Puntaranas moved to 6.07 mc. from 6.37 mc. and heard till 11:00 P.M. now, (Legge, N.Y.)

Guatemala. TGWA on 9.68 mc. comes on at 9:00 P.M. week-days and TGWB on 6.48 mc. usually signs between midnight and 12:30 A.M. and not at 11:30 (Teague, Calif.)

Mexico. XEYU, Mexico City, is on 9.605 mc. closing at 12:15 A.M. (Simpson, Australia). Comes on at 8:00 P.M., but does not use call XEYU (Oliver, Texas). XEXA, Mexico City moved to 4.815 mc. from 6.17 mc. according to one magazine. It is on 6.17 mc. till midnight and not just 11:00, (Oliver, Texas). XEYZ, Mexico City, on 6.12 mc. heard as early at 9:00 P.M. (Bird, Del.). XEQQ, Mexico City, on 9.68 mc. signs at midnight, not 1:00 A.M. and XEYU on 9.60 mc., signs at 12:30 A.M., not midnight, (Oliver, Texas).

WEST INDIES

Cuba. CMP, evidently a telephone, tested two nights on 5.50 mc. for Mutual Broadcasting System, (McConnell, Colo.) COCQ, Havana, on 8.83

mc. heard till 1:15 A.M., not just 1:00, (Teague). COCM, Havana, moved to 9.82 from 9.84, (Bird, Del.) (This station moves from day to day).

Dominican Republic. HI9T, Puerto Plata, reported on both 6.18 and 6.55 mc. evenings. HI6H, Trujillo, on 6.19 mc. now in place of 6.11 mc. HI1J, San Pedro de Macoris moved to 6.03 mc. from 5.97 mc. This last one has been on twenty frequencies at least, this past year.

NORTH AMERICA

Canada. CBFW, Montreal, is now on 6.09 mc. 7:00 A.M. to 11:00 P.M. (Legge and Teague). A station CBRX heard on old CBFW frequency of 6.16 mc. (Teague). CJCX, Sydney on 6.01 mc. comes on at 6:00 A.M. now, (NRC). CFRX, Toronto, on 6.07 mc. signs at 11:30 P.M., not midnight, (Oliver, Texas). Veri says schedule is 6:00 A.M. to 11:30 P.M. (McConnell, Colo.) CKFX, Vancouver, heard on 6.08 mc. 9:00 to 11:00 A.M. and midnight to 3:00 A.M. (Teague, Calif.) CJRO on 6.15 and CJRX on 11.72 mc. have not been heard recently, but may return to the air.

The United States. WCBX is on 21.57 mc. 7:00 A.M. to 2:30 P.M. and 11.83 mc. 3:00 P.M. to midnight. WCAB, Philadelphia, Pa., is on 15.27 mc. 1:00 to 6:00 P.M. and on 6.06 mc. 6:15 to 1:00 A.M. Schenectady, N. Y., is on 21.50 mc. 8:00 to 11:00 A.M., on 15.33 mc. 11:00 A.M. till 6:00 P.M., on 9.55 mc. 6:00 to 9:30 P.M. and on 6.19 mc. 9:30 to 10:30 P.M. WGEO is on 9.53 mc. 3:00 P.M. to midnight. WNBI, New York, is on 15.15 mc. 8:00 A.M. to 6:45 P.M. and 11.89 mc. 7:00 P.M. to 8:45 P.M. WRCA, New York is on 17.78 mc. 8:00 A.M. to 6:45 P.M. and on 9.67 mc. 7:00 P.M. to 1:00 A.M. WLWO, Cincinnati, is on 15.25 mc. 10:00 A.M. to 6:15 P.M. and 11.71 mc. 6:30 to midnight. WBOS, Boston, is on 15.21 mc. 8:00 A.M. to 12:45 P.M. and 11.87 mc. 1:00 P.M. to 1:00 A.M. next day. All these schedules come direct. WRUL, Boston, does not know what schedule they will use, but will probably be on 6.04 mc. 8:00 to 10:30 P.M., on 11.73 mc. week-days 8:00 to 10:30 P.M., Sundays, 2:00 to 7:00 P.M., on 11.79 mc. 12:45 to 5:15 P.M., Saturdays, from 2:00 P.M. only, on 15.35 mc. 11:00 A.M. to 5:15 P.M., on 17.75 mc. 11:00 A.M. to 12:15 noon, Saturdays and Sundays irregularly. A schedule has been received from Travers of New Jersey similar to the above WRUL, however, has been heard on 9.70 mc. testing and announcing schedule as 6:00 to 8:00 P.M. (VanBergen and Keever). Heard on 6.04 mc. till 10:15 P.M. (Travers and Boyce). Heard on 9.70 mc. 7:00 to 10:00 P.M. (Gallagher).

THE REPORTERS

The following persons have sent us helpful reports: Roger Legge, Binghamton, N. Y.; J. W. Commane, Watertown, N. Y.; Mills Van Bergen, Syracuse, N. Y.; Charles Sutton, Tolen, Ohio; Wm. E. Bird, Jr., Wilmington, Delaware; George Traver, Jersey City, N. J.; G. C. Gallagher, San Francisco, Calif.; H. A. Keever, Lebanon, Ohio; Donald S. Teague, Santa Paula, Calif.; Bill McConnell, Crook, Colorado; Elias B. Boyce, Westfield, Mass.

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The time is given in Eastern Standard. Add five hours for Greenwich Mean Time.

NEW STATIONS

Canada. CBRX, Vancouver, B. C., relays CBR on 6.16 mc. Schedule seems to be 9:00 A.M. to 3:00 A.M. next day (Teague, Calif.)

Costa Rica. TIJMT, "Radio America-Latina," San Jose, is on 11.90 mc. and heard 5:50 till around 7:30 P.M. Announced address as Apartado 849, San Jose. (Legge, N. Y.)

Egypt. SUP-2, Cairo, on 6.32 mc. (47.47 meters), operated by Egyptian State Broadcasting Company, operates from 11:30 A.M. till 2:30 or 3:00 P. M. (Simpson. Australia and Australian Radio magazines).

Germany. New station on 6.18 mc. heard around 3:00 P.M. One on 6.20 mc. heard around 2:00 P.M. and 10:30 P.M. One on 7.285 mc. heard afternoon and evening. One on 11.88 mc. heard at 8:30 P.M. once, (Legge, New York).

Italy. Station on 7.14 mc. heard at 1:00 A.M. once with 2RO-11 on 7.22 mc. One on 11.70 mc. heard 2:30 to 3:30 P.M. Another on 11.95 mc. heard around 6:00 P.M. and later, (Legge, N.Y.) One on 10.32 mc. heard with great power at 10:30 A.M. (Simpson, Australia).

Mexico. XECC, Puebla, heard on 6.185 mc. around 10:00 P.M. (Legge, New York).

Portugal. Station in Lisbon heard just once on 7.17 mc. 2:30 to 4:30 P.M. (Legge, N. Y.)

Spain. Several new stations heard. They are on 7.025 mc., 7.037 mc., 7.09 mc., 7.13 mc. and 7.14 mc., heard between 3:45 and 4:30 P.M. One on 7.14 mc. heard 2:00 P.M. and as late as 5:30 P.M. One on 7.037 mc. is "Radio Mediterania." One on 7.03 mc. is at Valencia and uses slogan "Voz Espana" (Legge, N. Y.)

U. S. S. R. Stations announcing "This is Sverdlovsk" heard on 9.86 mc. at 12:30 P.M., on 12.06 mc. along with station on 15.08 mc. at 6:45 till

8:00 A.M. and one on 12.22 mc. along with station on 14.92 mc. heard 7:00 to 8:00 A.M. (Legge, N. Y.)

U. S. A. The National Broadcasting Company has a station KNBC operating in Hollywood, California, on 4.797 mc., 7:00 to 9:00 P.M. and on 9.135 mc. 10:30 P.M. to 3:00 A.M. or later, (Gallagher, Calif.) Announced Los Angeles on 9.135 mc at 10:35 P.M. (West Dyke, Calif.) We believe this is a portable transmitter.

U. S. A. WCRC, in New York, heard on 6.17 mc. evenings, (Diligranic, Calif.) Heard midnight to 3:00 A.M. testing, (Teague, Calif.) This station is operated by Columbia Broadcasting System at Brentwood, Long Island.

(Note: A letter from Royal V. Howard, of station KFSO, San Francisco, says no information on the proposed new station announced two months ago is available, (Teague, Mich.) It is doubtful if this station will take the air for many months now.

GENERAL NEWS

OCEANIA

Australia. The American program from 7:25 to 8:10 A.M. now comes over stations VLQ-9 on 7.25 mc. and VLG on 9.54 mc. The other American program 12:55 A.M. to 1:40 A.M. comes over VLQ-9 on 7.25 mc., VLG-2 on 11.87 mc. and at times over a new station, on 11.71 mc. Tests were made as follows: January 5th and 6th on 15.23 mc. and 7th and 8th on 15.16 mc. and 9th and 10th on 11.71 mc. at 4:15 to 4:45 P.M. On January 12th and 13th they tested on 9.54 mc. 7:30 to 8:00 P.M. Reports are needed by the Australian News and Information Bureau, 610 Fifth Avenue, New York City. Station VLW-2, Perth, is on 9.65 mc., not 9.56 mc. according to listeners Moore of Indiana, and Teague of California, so it must be. It is heard 8:00 to 10:00 A.M. VLG-7 on 15.16 mc. heard 11:25 to 11:45 A.M. (Legge, N. Y.) Heard 6:45 to 7:15 P.M. (Gallagher, Calif., and Keever, Ohio). Other changes are: VLR-8 on 11.76 now 3:30 to 7:15 P.M. VLG-2 on 11.87 mc. 7:20 to 10:00 A.M. and 1:00 to 1:40 A.M. VLG-5 on 11.88 mc. 4:00 to 7:00 A.M. VLQ on 9.61 mc. 3:25 to 4:25 and 1:00 to 1:40 A.M. On 11.71 mc. 6:45 to 7:15 P.M. VLQ-2 on 11.87 mc. 5:40 to 6:15 A.M. On 11.88 mc., VLG-5 1:00 to 3:00 A.M. On 11.88 mc., VLQ-7 10:35 to 11:00 A.M. A station VLF-3 heard on 19.30 mc. calling San Francisco at midnight, (Gallagher, Calif.)

Fiji Islands. Heard on 9.535 midnight to 12:30 A.M. (Sutton, Calif.) On 11.89, 3:00 to 3:30 A.M. (Teague and Field, Calif.) Heard on 15.16 mc. daily except Sundays midnight to 12:30 A.M. (Gallagher). On 15.168, 10:00 and 10:30 P.M. (Teague).

AFRICA

Angola. CR6RB, Benguela, operated by Radio Club de Benguela with 50 watts power is on 10.95 mc. week-days now 2:30 to 3:30 P.M. and CR6RA, Luanda, operated by Radio Club de Luanda, with 50 watts power is on 9.47 mc. and CR6RC on 11.74 mc. are broadcasting Wednesdays and Saturdays 2:30 to 4:00 P.M. CR6RB and CR6RA are reported heard now in an American magazine.

Egypt. Telephone station SUV, Cairo, on 10.05 mc. heard broadcast-

ing 2:00 to 4:00 P.M. at times, (Legge). Used to relay special programs to America 7:00 to 7:30 P.M. (Sutton, Ohio).

Free France. Brazzaville, on 11.97 mc. heard at 12:30 A.M., a new time, (Simpson, Australia). Still broadcasts 10:00 to 11:00 P.M. for Americans.

Union of South Africa. ZRD, Durban, on 6.14 mc. heard now 12:30 A.M. to 2:30 A.M. (Teague, Calif.) Some South African on 5.90 mc. heard 3:00 to 4:00 P.M. and also at 11:45 P.M. (Legge, N. Y.)

ASIA

China. Here is a line-up of Chinese stations as we have them now, twenty-one in all. XQLA, Cheking is on 5.15 mc. 1:30 to 5:30 A.M. according to a Chinese magazine. An XUD heard on 5.15 mc. at 6:00 A.M. in Australia. XGOY, Chungking on 5.95 mc. used 7:20 to 8:55 A.M. and 3:00 to 4:00 P.M. Some station is on 8.60 mc. with call like XGRH heard at 10:00 A.M. (Teague, Calif.) XLMA on 9.24 mc. heard in Australia at 7:30 A.M. XGOY heard on 9.48 mc. once 10:00 to 10:25 A.M. (Teague, Calif.) Supposed to be on 9.50 mc. 5:00 to 7:15 A.M. XGOX on 9.63 mc. used 9:00 to 10:30 A.M. XGOA on 9.72 mc. is off the air now, (Gallagher). Strong station on 9.94 mc. used 4:30 to 11:30 A.M., location not known. (Sutton, Legge, Gallagher). XGOL, Fukien on 10.00 mc. 2:30 to 7:30 A.M. listed in Chinese magazine. XGAP or XGAT on 10.26 mc. is powerful station heard 4:30 to 11:30 A.M. Reported at Peking, Peiping and Shanghai, (Legge, Sutton). Heard once 2:00 to 3:00 A.M. XGAP was Japanese-owned station on 9.56 mc. at one time, although Japanese disclaimed ownership, (Gallagher). XGOK, Canton, is on 11.65 mc. 5:00 to 9:00 A.M. XGOY is reported on 11.79 mc. in Australia at 4:30 P.M. daily XMHA, Shanghai, reported on 11.85 mc. instead of 11.88 mc., 7:00 to 8:00 P.M., evenings, as well as 5:00 to 9:00 A.M. in National Radio Club. XGOY on 11.90 mc. used 4:05 to 7:20 A.M. and 10:35 to 10:55 A.M. and heard once 1:00 to 2:00 A.M. (Gallagher). XGDN on 11.93 is China's best station in America. Heard 5:30 to 11:30 A.M. XIRS, Italian station at Shanghai, is on 11.98 mc. from 7:00 to 7:45 A.M. XGRS, Shanghai, heard on 12.02 mc. 6:00 to 8:00 A.M. evenings, (Legge, N. Y.) Heard on 12.07 midnight to 1:00 A.M. once, (Teague). Heard on 10.60 mc. at 8:13 A.M. (NRC). FFZ, French-owned station, Shanghai, was heard on 12.06 mc. 5:00 to 10:00 A.M. XGOY on 15.20 mc. now closed down, (Gallagher). Of course, the Japanese invasion of Shanghai probably meant the closing of XGDN and FFZ, although XIRS and XGRS should still operate. Late reports show these: XGRS heard 5:30 to 7:00 P.M., with English at 5:30, (Sutton, Ohio). Is operated by German radio club, 6:30 P.M. to 1:00 A.M. next day as well as 5:00 to 8:00 A.M. (Keast, Aust.) Heard 6:00 to 8:00 P.M. on 12.02 mc. (Gallagher). XGOY on 11.90 mc. heard 1:00 to 2:00 A.M. once and 7:00 to 8:00 P.M. once, off schedule, (Gallagher).

India. VUD-2, Delhi, is heard on 6.13 mc., a new frequency, opening at 8:15 A.M. daily, (Simpson). Heard at 1:50 A.M. and at 11:15 P.M. (Keast, Australia). VUD-2 heard on 9.59 mc. now 9:30 to 11:30 P.M. and around 7:30 A.M. in America (Thompson, Ohio, and Legge, N.Y.) Bombay,

Delhi, Calcutta, and Madras, all heard near 7:00 A.M. on their 4 mc. band, (Legge, New York).

Japan. The knife-in-the-backs are now using many new schedules. Here are some reports. JVV on 7.263 mc. heard 7:00 to 10:00 A.M. and at 5:30 P.M. (Legge, N. Y.) JLG on 7.28 mc. heard 4:30 to 6:00 P.M. (Legge). New station heard on 9.57 mc. 7:00 to 10:00 A.M. (Legge). JVV-3 on 11.72 mc. heard at 10:00 P.M. (Gallagher). JVV-4 on 15.235 mc. heard at 5:00 A.M. and at 4:00 P.M. (Simpson, Australia).

Java. PLN, Bandoeng, on 11.51 mc. heard at 8:30 A.M. (Sutton, Ohio). PLE on 18.83 mc. relays programs from Singapore 6:30 to 7:15 P.M. at times, (Gallagher, Calif.)

Macao. CR8AA is the new call-sign of old CRY-9, and it moved to 6.07 mc. from 6.09, (Simpson, Australia).

Manchokuo. MTCY heard in 10.05 mc., a new frequency, along with 11.775 mc. till 2:00 A.M. (Gallagher, Calif.) Heard on 5.99 mc. around 9:00 A.M. (Simpson, Aust.) Heard on 6.14 mc. at 3:25 A.M. late in December and was heard on 15.23 mc. in November, (Teague, Calif.)

Turkey. TAQ, Ankara, on 15.19 mc., heard 8:30 to 10:00 P.M. at times, (Simpson, Australia).

Siberia. RV-15, Khabarovsk, heard on 6.05 mc. and 7.21 mc., 1:00 to 2:00 A.M. or later daily, (Gallagher, Calif.) One on 6.05 mc. strong, (Teague, Calif.)

EUROPE

Azores. Ponta Delgada, using the slogan "Aqui Portugal, Ponta Delgada" is now using 4.01 mc., where it was heard 5:00 to 7:00 P.M. with clock striking at 7:00 and signing off with the national anthem, and on 7:30 mc. from 3:00 to 4:00 P.M. (Legge, N. Y.) Heard on 4.01 mc. at 5:00 P.M. (Pickering, N. J.) Heard on 14.40 mc. again 3:00 to 4:00 P.M. (Sutton, Ohio).

England. London heard on 6.145 mc. (GRW) 12:30 to 5:15 P.M. and at 12:30 A.M. (Legge). Heard on 6.15 mc. at 9:15 P.M. (Nichols, Pa.) Station on 7.065 mc. heard early mornings and late nights, (Jones, Tenn.) The one on 6.15 mc. heard 1:00 to 2:00 A.M. (Gallagher). GRO on 6.18 mc. heard 7:00 to 10:00 P.M. (Teague, Calif.) Heard at 9.45 P.M. (Legge). GRN on 6.195 mc. heard 1:30 to 4:00 P.M. (Legge). GRV on 12.04 mc. heard 7:00 to 8:00 A.M. GRP on 17.89 mc. heard 9:00 P.M. to 1:15 A.M. GRQ on 18.03 mc. heard 9:00 P.M. to 11:30 P.M. and GRZ on 21.64 mc. heard at 10:15 A.M. (Keast, Australia). All of these stations were not listed in the official B.B.C. program papers at the time they were being heard.—Editor.

Estonia. Radio Reval, on 13.07 mc., heard at 3:00 P.M. and announced in English, (Radio Union, of Cuba).

Finland. OFE on 11.78 mc. heard irregularly 7:30 to 7:45 A.M., 2:15 to 2:30 P.M., 4:15 to 4:30 P.M. and 7:55 to 8:10 P.M. (Sutton, Ohio). OIE on 15.19 mc. heard with lady announcer broadcasting to America 7:00 to 8:00 P.M., with news at 7:20 P.M. (NRC).

France. The station once called "Y" and used by the Germans has

been heard lately announcing "Paris Mondial" with program coming from Vichy. It is on 15.24 mc., best around breakfast time, (Taylor, Mass.)

Germany. Here are some reports: DXM on 7.27 mc. signs at 8:30 P.M. (Sutton). DXJ on 7.29 mc. heard evenings till 10:15 P.M. (Van Bergen, N. Y.) MJI on 7.29 mc. heard evenings for Central America. DXP on 6.03 mc. used 4:50 to 1:00 A.M. and DXX on 6.14 mc. heard 1:00 to 6:00 P.M. daily, (Legge, N.Y.) Some German heard on 9.70 mc. 9:00 to 10:00 P.M. (Gallagher). This last could be WRUL, Boston, with German program. DXM on 7.27 mc. runs 4:30 to 1:00 A.M. next day. DXJ, on 7.29, same at times, (Taylor, Mass.)

Holland. PCJ, Eindhoven, on 15.22 mc., now under German control, broadcasts 6:30 to 10:45 A.M., 3:00 to 3:45 P.M. and 4:45 to 5:00 P.M. (Sutton, Ohio).

Italy. IRF on 9.83 mc. heard once 10:00 to 11:00 P.M. and noon to 1:00 P.M. (Gallagher). This one was silent for a long time, we understand. Several new stations are reported up front in this issue.

Norway. LKQ, Oslo, on 11.735 mc. heard at 1:00 A.M. sending list of names, ranks, etc., of soldiers, (Gallagher, Calif.) LLH, Oslo, on 9.645 mc. heard 8:55 to 10:00 P.M. with programs for America, (Legge, N. Y.)

Portugal. CSW-8, Lisbon, on 7.24 mc. heard at 3:00 A.M. (National Radio Club). CSW-6 on 11.04 mc. heard 7:00 to 8:00 A.M. (NRC). New schedules. CS2WD, Lisbon, moved from 6.20 to 6.156 mc. and is heard 3:00 to 6:00 P.M. (Legge, N.Y.) CSW-8 on 7.26 as early at 3:00 P.M. (Taylor, Mass.)

Roumania. Radio Bucharesti is on 9.27 mc., opening at 3:45 P.M. daily, Repeats nine chimes then announces. Uses Italian at 4:30 P.M., French at 4:45 P.M., English at 5:00 P.M., and Roumanian after 5:15 P.M. (Simpson, Australia). Station heard on 9.26, 4:00 till 5:05 P.M., may be Roumanian, (Legge).

U. S. S. R. The Soviets seem to jump from place to place on the dial and operate at irregular times, but here is some late news that may help. On 9.52 mc. 11:00 A.M. to noon once, on 15.23 mc. 6:00 to 9:00 P.M. daily and on 15.115 mc. 6:00 to 9:00 daily, (Gallagher). Stations on 9.86 mc., 12.06 mc., 12.22 mc. and 14.92 mc. reported at Sverdlovsk, reported up front. Moscow heard on 9.73 mc. 9:00 to 9:50 A.M. Another on 10.66 mc., same time. One on 10.08 mc. at 8:45 A.M. and one on 15.115 mc. 6:00 to 7:55 P.M. (Legge, N. Y.) One on 9.65 mc. heard 3:00 to 5:00 A.M. once, (Teague).

U. S. S. R. From Keast of Australia comes this list of Russians heard in late November and early December. On 5.89 mc., 10:00 P.M. to 1:30 A.M. On 9.43 mc. at 12:30 A.M. On 9.546 at 10:00 P.M. On 9.556 mc. 8:15 P.M. and midnight. On 10.14 mc. 10:30 P.M. On 11.81 mc. 3:15 P.M. and 1:30 A.M. On 12.24 mc. at 1:00 A.M. On 12.11 mc., 2:45 P.M. to 10:30 P.M. On 12.19 mc. at 8:30 P.M. On 12.24 mc., 1:30 A.M. and 3:30 P.M. On 14.43 mc., 9:30 P.M. to 11:40 P.M. On 14.72 mc. at 3:30 P.M., 9:00 P.M. and 11:00 P.M. On 15.10 mc. at noon. Also stations on 15.23 mc., 15.28 mc., 15.35 mc., 15.41 mc., 15.46 mc. and 15.50 mc. at times different from what

we listed. The first named were never mentioned in reports from other members.

Vatican. HVJ, on 15.12 mc. heard 9:00 to 11:30 A.M. with messages to Italian prisoners of war in Egypt, (Legge, N. Y.)

Unidentified. A station announcing "Italia Radio Libertad" heard on 11.505 mc., 3:30 to 3:40 P.M. and 7:00 to 7:15 P.M. (Legge, N. Y.). A station announcing "Radio Inconnu" heard on 9.749 mc. at 1:00 A.M. Has chimes and signs off with "Think and Act French" (Simpson, Australia). Is "Inconnu," which is French for "Unknown" and used daily 2:30 to 3:00 P.M. (Keast, Australia). A "Christian Peace Movement" on 9.43 mc. with talks in English at 2:45 A.M. (Simpson, Australia). "European Revolutionary" station on 9.64 mc. opens at midnight, (Simpson). "Radio Antoine," which may be the same station as Radio Unconnu is on 9.75 mc. 1:00 to 1:15 P.M. (A.W.A.)

SOUTH AMERICA

Argentina. LRA-5, Buenos Aires, on 17.83 mc. heard once 5:45 to 6:30 P.M. off schedule, (Gallagher). LSN-2 on 9.89 mc., a telephone station, heard sending program once 9:00 to 10:00 P.M. (Gallagher).

Brazil. The station on 11.765 mc. known as PRF-3 now uses call PYD-8. It is heard 4:30 to 9:00 P.M. irregularly, (Legge, N.Y.) Instead of "radiodifusora Sao Paula," it uses slogan "Radio Kizora" and heard 7:30 to 10:15 P.M. with English at 9:30 P.M. (Sutton, Ohio). Some Brazilian is on 6.66 mc. 5:00 to 6:00 P.M. (Legge, N. Y.) PRE-9, Forteleza, is on 6.105 mc. 5:00 to 9:00 P.M. and on 15.165 mc. 8:00 to 10:30 A.M. Address is Caixa Postal 143. PRF-3 is on 6.095 mc., 6:00 to 9:00 P.M. Address is announced as Caixa Postal 252, Sao Paulo.

British Guiana. ZFY, Georgetown, on 6.13 mc. now instead of 6.08 mc. (Legge, N. Y.) Still on 6.08 evenings, (National Radio Club).

Chile. CB-1170, on 11.70 mc., and CB-1174 mc., both heard midnight to 1:00 A.M. now, (Gallagher, Calif.)

Colombia. HJAB, Barranquilla, on 4.78 mc. heard till 2:15 A.M. one Sunday, (Jones, Tenn.) HJAE, Cartagena, heard on 4.83 mc. and not 4.96 (Teague, Calif.) HJXC, Bogota, on 6.02 mc. heard till 12:30 A.M. instead of just 11:30, (McConnell).

Ecuador. HCETC, Quito, on 9.35 mc. must have changed ownership. Veri says now operated by Leo Rivas, Ja., Apartado 599. Was operated by Empresa Teatros y Cinemas and address was Apartado 134. (Jones, Tennessee).

Paraguay. Anyone able to hear ZP-7, Encarnacion, on 11.703 mc. or ZP-8, Asuncion, on 11.85 mc.? ZPA-2, Asuncion, heard on 11.72 mc. till 7:40 P.M. (Legge, N. Y.).

Peru. OAX4G, Lima, moved to 6.34 mc. from 6.19 mc. and OAX5C, Ica, now is on 9.54 mc. in place of 9.80 mc. (Legge, N.Y.) OAX3A, Huanuco, on 6.20 heard till 1:00 A.M. instead of just midnight, (Teague, Calif.) OAX4Z, Lima, on 6.08 mc. verification says 7:00 to 11:30 P.M. but heard till midnight, (Jones, Tenn.)

Venezuela. YV4RK, Maracay, "Radio Maracay" heard on 3.39 mc., evenings till 9:30 P.M. (Legge, N. Y.)

CENTRAL AMERICA

Costa Rica. TI5NRH, Heredia, on 9.72 mc. announces schedule as 11:00 P.M. to midnight, even when heard doing so as late as 12:45 A.M. (McConnell). TIWS, Puntaranas, moved to 6.07 mc. from 6.37, (Legge).

Guatemala. TGWA on 9.685 mc. heard several times as early as 4:30 P.M. And TGQA on 6.40 mc., TGWB on 6.48 mc., and TGWA on 9.68 mc. all stay on till 1:00 A.M. Sundays, (Jones, Tenn.) TGWA sends us a weekly program that shows station exactly as we list it.

Mexico. XEWI, Mexico City, heard again on 6.015 mc. one Sunday midnight to 12:15 A.M. (Field, Calif.) XEWW, on 6.02 mc., heard till 2:00 A.M. not just 1:00 and some station in Mexico City heard on 6:18 mc. at 1:10 A.M. (Jones, Tenn.) Station on 10.05 mc. saying "Bank of Mexico" is not a broadcasting station, but a phone, and will not verify.

Nicaragua. YNRS, Managua, on 8.59 mc., heard as early as 6:50 A.M. at times, (Simpson, Australia).

Panama. HP5G, Panama City, on 11.78 mc. now broadcasts 7:00 to 9:00 A.M., 11:00 A.M. to 3:00 P.M. and 5:00 P.M. to midnight, (Clark, N.Y.) HP5K, Colon, on 6.00 mc., signs at midnight, not 11:00 P.M. (McConnell).

Salvador. YSR, San Salvador, on 6.51 mc., instead of 6.27 mc., signs off at 11:00 P.M. (Diliganic, Calif.) HUB, same city, on 5.56 operates till midnight, not 11:30 P.M. (McConnell, Colo.)

WEST INDIES

Cuba. COCY, Havana, on 11.74 mc. heard from 6:30 A.M. to 12:15 A.M. next day, (Jones, Tenn.) COCQ, Havana, heard on both 6.36 mc. and 8.83 mc. same time, (Teague, Calif.)

Dominican Republic. HI9T, Puerto Plata, moved to 6.17 mc. from 6.55 mc. (Legge, N. Y.) HI1S, Santiago, on 6.42 mc. heard signing off at 7:40 P.M. (Teague, Calif.) It is heard till 9:00 P.M. at times—Editor. HI1N, Trujillo, is heard on 12.49 mc. again, (Jones, Tenn.) This station was used three years ago and then was not heard for some time. It can be a harmonic on their regular 6.24 mc. frequency. HI1J moved to 6.03 mc. from 5.97 mc. This one has been on twenty frequencies or more this past year.

Jamaica. A letter from Dennis Gick, manager of station ZQI, Kingston, says they are on 4.70 mc., 5:15 to 6:15 P.M. and use the national anthems of both the U. S. A. and Britain "in the hope that this tribute from this colony will be appreciated in the United States." At the same time, the National Radio Club reports this station is heard as late as 8:00 P.M. Mrs. Allwood of Jamaica also writes us.

NORTH AMERICA

Canada. CBRX, Vancouver, on 6.16 mc. is heard 9:00 A.M. to 3:00 A.M. next day, (Teague, Calif. Heard midnight to 3:00 A.M. (McConnell). A station or harmonic of CBF is on 11.00 mc. 7:00 to 9:00 P.M. (Gallagher, Calif.) CBFW, Montral, on 6.09 mc. usually signs at 11:00 P.M. but has

been heard as late as 12:45 A.M. (McConnell). CKFX, Vancouver, on 6.08 mc., is heard 9:00 to 11:00 A.M. and midnight to 3:00 A.M. (Teague). CFCX, Montreal, on 6.00 mc. is reported back on the air in one American magazine.

U. S. A. WCRC, New York City, on 6.17 mc. and 11.83 mc. heard midnight to 3:00 A.M. (McConnell, Colo.) Heard on 6.17 after midnight, (Teague, Calif.) WCB, a telephone station operated by Press Wireless in New York heard once on 15.50 mc. relaying Mutual Broadcasting System program at noon, (Jones, Tenn.) KNBC, with studios at Sunset and Vine, in Hollywood, heard on 12.8625 mc. till 7:45 P.M. Comes on 9.135 at 8:00 P.M. Also on 6.425 mc. around 10:00 P.M. and 4.795 mc. as late as 1:00 A.M. (McConnell, Colo.) This station has been used on ships, airfields, mountain tops and other places in the past few years.—Editor.

U. S. A. KGEI, San Francisco, now has stations on the 6, 7, 9, 10, 13, 15 and 18 mc. band, (McConnell, Colo.) Heard is 7 mc. band around 8:00 A.M. (Thompson, Ohio). Announcer said on 9.67 mc. 7:00 P.M. to midnight and on 15.33 mc. noon to 7:00 P.M., different from old schedule, (Keever, Ohio). WLWO, Cincinnati, heard on 9.59 mc. around 9:00 P.M. Comes on at 5:30 P. M. (Teague and Nichols). Schedule is 7:00 to 11:30 P. M. week-days, 6:15 P. M. Sundays—Editor. Some station on 13.60 mc. relaying N.B.C. at 1:30 P.M. (Nichols). WRUL, Boston, on 9.70 mc. usually comes on at 1:00 P.M. (Jones, Tenn.) Changes in schedule have been made by WRCA on 9.67 and 15.15 mc., WBOS on 15.21 mc. and WNBI on 11.89 mc. and 17.78 mc.

REPORTERS

The following persons sent us news and information: Mrs. Violet Allwood, Jamaica, B. W. I.; Harold H. Moore, Notre Dame, Ind.; A. Wendell Field, San Diego, Calif.; H. A. Keever, Lebanon, Ohio; J. P. Jones, Memphis, Tenn.; Ray Simpson, Concord, West Australia. L. J. Keast, Sydney, Australia; Charles Sutton, Toledo, Ohio; Alan Teague, Ann Arbor, Michigan; Donald Teague, Santa Paula, Calif.; Mills Van Bergen, Syracuse, N. Y.; Thomas Nichols, Philadelphia, Pa.; Charles West Dyke, San Francisco, Calif.; S. B. Thompson, Philo, Ohio; George Diligranis, San Francisco, Calif.; L. M. Clark, Tuckahoe, N. Y.; Edward Taylor, Taunton, Mass.; Bill McConnell, Crook, Colo.; James Pickering, Hightstown, N. J.

LATE NEWS

A station announcing "Radio Antiqua" probably in Antiqua, B. W. I., heard on 7.07 mc. 5:00 to 5:20 P.M. in French once. VLG-7, Melbourne, on 15.16 mc. heard 11:25 to 11:45 A.M. ZNB, Mafeking, Bechuanaland, Africa, heard at 6:30 A.M. and 3:00 to 4:00 P.M. (Legge, N. Y.) (On 5.90 mc.)

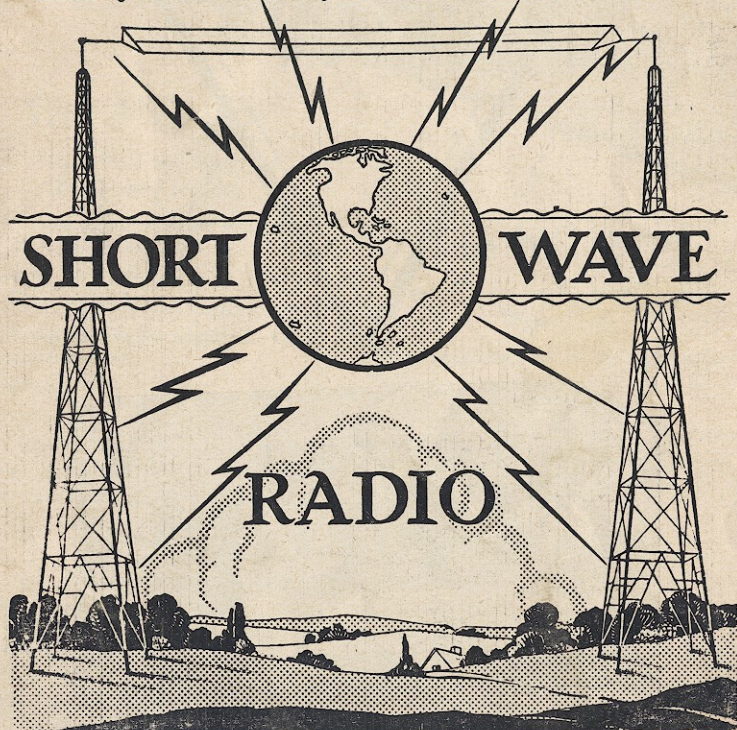
Radio Algiers heard on 8.98 mc. at 5:30 P.M. Chungking, China, heard on 5.95 mc. at 7:45 A.M. CR6RA, Africa, on 9.47 mc. heard 3:45 to 4:00 P.M., signing off with Portuguese National Anthem, (Pickering, N. J.)

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ARTHUR J. GREEN, Editor.

With almost all commercial radio makers working from ninety percent to full capacity on government orders they are just not willing to advertise. So, it is necessary for us to cut down the number of pages in this particular issue. Possibly we may be able to bring it back to normal size next month. By patronizing our advertisers and by mentioning the club to them and to prospective members, you can help us make every issue a full-size one. Naturally, with the number of pages cut, we either have to cut down the amount of news or cut part of the station list off. This month we are going easy on the news and giving you the list.

NEWS

Antiqua. A station announcing "Radio Antiqua" probably in Antiqua, British West Indies, is on 7.06 mc. 5:00 to 5:20 P.M., using French, (Legge, N. Y.) Anti-Nazi. A station supposed to be supported by German officers in Germany, is on 9.545 mc. afternoons and evenings ten minutes before each hour. Slogan is "Gustav Siefert Emit" (Legge). Anti-Vichy. A station on 6.155 mc. heard 4:10 to 4:20 P.M. using slogan like "Ici Radio Cavat" (Legge). This station is also heard 11:50 P.M. to midnight and says "Voice La Verite, Econté," which means "This is the Truth, Listen." (Pickering, N. J.) Colombia. HJCQ, Bogota, using the slogan "Radio Cultural" is on 4.955 mc. evenings till 10:00 P.M. (Legge). Germany. DXO, Berlin, is on 6.01 mc. 10:30 P. M. to 1:00 or 12:00 A. M. Bird, Del.) German on 6.10 mc. 4:00 to 4:45 P. M. at times, (Pickering). One is on 6.135 mc. at 4:30 P.M. with English, (Pickering). One is on 6.18 mc. around 3:00 P.M. and one is on 6:20 mc. around 2:00 P.M. and 10:30 P.M. Also DJI on 7.29 mc. is used 4:45 to 11:15 P.M. in Spanish, (Legge). One on 7.27 sends French at midnight, (Bird). One on 7.32 mc. heard many nights and one on 11.77 mc. heard 6:00 P. M. to 7:00 P. M. (Gallagher, California). One on 14.58 mc. once, (Van Bergen). Madrid is on 7.20 mc. until 5:55 P. M. Valencia is on 7.03 mc. using slogan "Voz Espana." Others heard between 3:45 and 5:30 P.M. are on 7.025 mc., 7.09 mc. and 7.13 mc. while "Radio Malaga," EAJ-9, is on 7.14 mc. (Legge). U. S. A. Press Wireless of Los Angeles, California, tested KJES on 9.39 mc. at 8:00 P.M. once and KJE-9 on 10.75 at 5:40 P. M. (Legge). KJE-9 also heard at 4:45 P.M. (Pickering). KGEI, San Francisco, is now now on 7.25 mc. 10:15 P.M. till 10:00 A.M. next day and it is being relayed by many telegraph stations at Bolinas. These include KEN on 6.845 mc., KEE on 7.71 mc., KEJ on 9.01 mc., KEI on 9.49 mc., KES on 10.40 mc., KEZ on 10.41 mc., KKW on 11.95 mc., KKW on 13.78 mc. and KQR on

18.04 mc. (Legge, Bird, McConnell, Teague, Gallagher, Robinson, Van Bergen, Taylor and Diligianis). Heard on 6.90, 7.05, 11.50, 11.89, 14.40 and 18.12, (West Dyke, Calif.)

Australia. VLG-2 on 11.71 mc. was replaced by VLG on 9.58 mc. on 11:55 to 12:40 A. M. program. (Gallagher). A phone, VLY on 9.48 mc. works KQVY, California, near 6:15 A.M. (Riggle).

Africa. SUP-2, Cairo, Egypt, on 6.32 mc. broadcasts 11:30 A.M. to 3:30 or 3:00 P.M. ZNB, Mafeking, Buchanaland, on 5.90 mc. heard from 11:45 P.M. to about 1:55 A.M. (Pickering, Legge, Bird and Gallagher). Heard also around 3:00 to 4:00 P.M. (Legge and Pickering).

Asia. XYZ, Burma, on 6.01 mc. heard at 9:30 A.M. (Bishop). JVZ-2 on 11.825 mc. and JVV-3 on 11.725 mc. at Tokio, Japan, heard at 7:00 P.M. (Legge). Some Jap on 15.20 at 4:45 P.M. once, (Koeker). Radio Saigon, French Indo-China, still is on 6.185 mc. and 11.78, (Many). Heard on 11.78, 7:00 to 7:15 P.M. (Sutton, Ohio). PLE, Bandoeng, Java, is used almost daily to relay programs to America from Batavia, Singapore and Chungking, (Gallagher).

Europe. GRC, London, England, is on 2.915 mc., 7:00 to 11.45 P.M. (Legge, N. Y.) Some station is on 2.85 at 9:45 P.M. (Nichols). GRS on 7.065 mc. now used for American programs till 11:45 P.M. Paris, France, heard on 6.20 mc. and 9.52 mc. announcing "Ici Radio Mondial" at 3:00 P. M. Rome, Italy, heard on 7.30 mc. almost daily 9:00 to 10:00 P.M. and one on 10.30 mc. used same time often, (Gallagher, Calif.) One on 19.56 mc. heard 10:30 to 11:55 A.M. in English, (Van Bergen). SBU, Sweden on 9.53 mc. now used 8:00 to 8:00 P.M. for America and SBT on 15.15 mc. used 10:00 to 11:00 A.M. now. Russia is changing stations almost daily, but ones on 15.11 mc. and 15.23 mc. seem to be regular 6:00 to 9:30 P.M. They announce Moscow, Quibyshev and Sverdolvsk on all frequencies, according to where program originates. Others reported are 5.91 mc. at midnight, 7.34 mc. at 1:00 A.M. and 11.89 mc. 8:00 to 9:00 P.M. and midnight, (Gallagher). On 7.35 mc. at 3:30 P.M. on 10.00 mc. at 10:00 P.M., 11.60 mc. at 5:15 P.M. and 12.06 mc. 7:45 to 8:00 A.M. (Sutton), on 15.04 mc. evenings by Van Bergen, on 11.81 mc. at 9:40 P.M. (McConnell), on 15.18 mc. at 1:00 P.M. (Bird), on 10.06 mc. 7:30 to 9:00 A.M. on 9.86 mc. at 12:30 P.M., on 12.06 mc. and 15.08 mc. at 8:00 A.M., on 12.22 mc. and 14.92 mc. 7:00 to 8:00 A.M. (Legge). Schedule says stations on 10.66 mc. will be used at 4:30 and 5:30 P.M., 11.56 mc. at 4:30, 6:10, 7:30 and 9:00 A.M. and 13.61 mc. at 6:10, 7:30 and 9:00 A.M. (Legge).

South America. PSG on 10.76 mc., PPH on 11.93 mc. and PPQ on 11.67 mc. all telegraph stations in Brazil was used to send programs during Pan-American convention, (Legge). PPS on 11.96 and PPQ on 11.67 mc. heard 8:00 to 9:00 P.M. (Gallagher). ZFY, Georgetown, British Guiana, on 6.08 mc. now broadcasts 5:45 to 7:45 A.M., 9:45 to 11:45 A.M. and 2:15 to 7:15 P.M. (Legge). HJAE, Cartagena, Colombia, moved to 4.835 mc. from 4.96 mc. (Legge). Either a harmonic or a new station in Venezuela is on 10.065 mc. using the call YV5RC or YV5RE and relays YV5RA (NRC).

Central America. TIJMT, "Radio America-Latina" at San Jose is on 11.90 mc. from 5:50 to 7:30 P.M. Address is Apartado 849, (Legge). TIGPH, San Jose, on 5.90 mc. relays TIPG and also TIX. They announce

the long wave call almost always, thus confusing listeners. Some new Mexican or a harmonic is on 4.81 or 4.82 mc. bothering HJBB, (Teague, Calif.) XECC, Puebla, Mexico, is on 6.185 mc. relaying XECD. It is heard till 10:00 P.M. and verification shows address as Ricardo Vazquez, 2 North 803, Puebla, (Legge, N. Y.) YNRS, Managua, Nicaragua, on 8.59 mc. sent one program 3:15 to 3:30 P.M. once, new time, (Keever, Ohio). YSR, San Salvador on 6.27 mc. is heard till 11:30 P.M. now, (McConnell, Col.)

West Indies. Some Cuban is on 11.76 mc. 1:00 to 1:15 A.M. relaying RHC chain programs, (Gallagher). ZNS, Nassau, Bahamas, on 6.09 mc. operates till 9:15 or 9:30 P.M. now, (McConnell). HIIG, Trujillo, Dominican Republic, moved from 6.28 mc. to 6.34 mc. (Legge). ZQI, Kingston, Jamaica, on 4.70 mc. broadcasts Sundays now as well as week-days 5:15 to 6:15 P.M. (McConnell). Radio Fort-de-France, Martinique, is reported moved to 9.51 mc. from 9.71 mc. Please check this.

North America. CBRX, Vancouver, B. C., on 6.16 mc. verifies, saying 150 watts power, 10:30 A.M. to 3:00 A.M. next day, (McConnell). Uses slogan "Voice of British Colombia" (Bishop). CKFX, Vancouver is on 6.08 mc. with ten watts power, relaying CKWX from 9:30 A.M. to 3:00 A.M. next day. Address is 543 Seymour St. (McConnell). CFVP, Calgary, Alta., on 6.03 mc. operates 8:30 A.M. to 2:00 A.M. next day, with 10 kw. power, (McConnell). CBFW, Montreal, on 6.09 mc. has just 200 watts power, not 10,000 and operates 8:30 to midnight, (Diligianis). World Wide Radio University of Boston is using the call WRUS on some frequencies now. WRUL and WRUW are also used. WCRC and WCDA are new transmitters at Brentwood, Long Island, on 6.17 mc. and 11.83 mc., operated by Columbia Broadcasting System. Changes have been made on almost all U. S. A. stations.

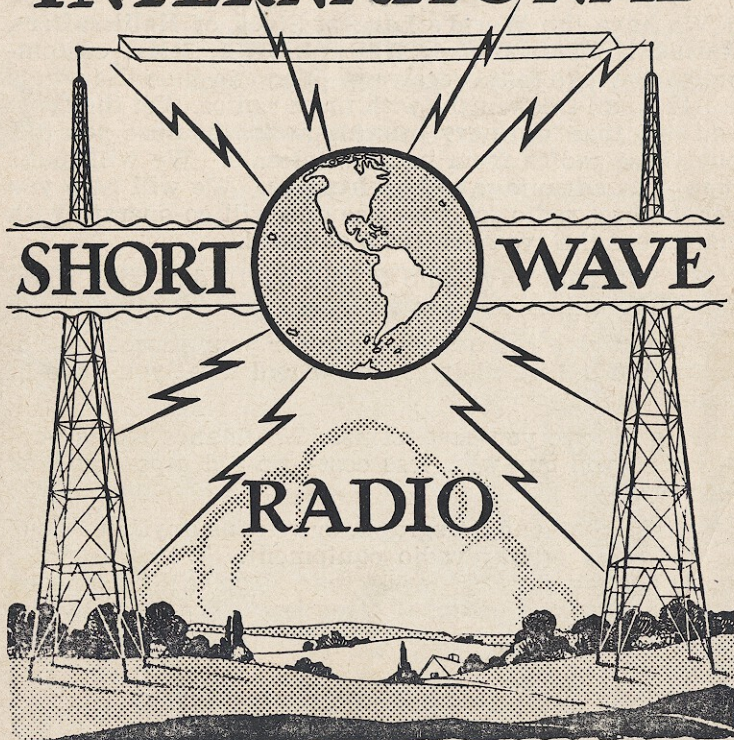
Reporters: Charles Sutton, Toledo, Ohio; Wm. E. Bird, Wilmington, Del.; Bill McConnell, Crook, Col.; George Deligianis, San Francisco, Calif.; Emmett Riggle, Massillon, Ohio; James Pickering, Hightstown, N. J.; Henry Koenker, Chicago, Ill.; Charles Robinson, Waterloo, Iowa; Mills Van Bergen, Syracuse, N. Y.; Edward Taylor, Taunton, Mass.; Charles West Dyke, San Francisco, Calif.; Roger Legge, Bunghamton, N. Y.; Thomas Nichols, Philadelphia, Pa.; H. A. Keever, Lebanon, Ohio; Donald Teague, Santa Paula, Calif.

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ARTHUR J. GREEN, Editor.

EDITORIAL

As the war spreads over more and more territory, we are reminded of many friends who live in these places. In the Philippines we had at least one hundred members during our period of existence. In Burma, the chief of the Educational Department succeeded in getting over two hundred members for us. In Singapore, Java, Medan, Hong Kong and even in Japan we had many members. It is little wonder then that we have periods of despondency when we think of the suffering and pain subjected on these people.

It is also remindful to us that we are not able to continue our work as we have in the past. When our own great nation, The United States of America, entered the war, it meant that radio factories had to jump to the aid of our fighting forces and turn out army and navy material. It also meant that many of our members had to give up their listening posts to take up arms for our country. As a result, we find that we are not able to carry on our work on the basis as when the world was at peace, or even as before the United States entered the war.

Therefore, friends, it becomes necessary for me to say that hereafter this paper will be published only irregularly. It may mean months before you receive a copy, or they may arrive regularly each month. We entertain high hopes that we can keep you informed on the latest doings. And, after our beloved country releases radio factories to making civilian radios again, we will take up where we left off. With the coming of summer, it is not likely many of you will miss your copies. And with the coming of a new radio season next fall, we hope to give you a magazine again.

Now, we remind you of two things. First, continue to send us your news. It may be possible to carry on successfully in spite of all of our troubles, right through the summer. Second, your subscriptions will be based on the number of copies you receive and not by any particular date. If you have a half-dozen copies due you, your subscription will be extended until you get all six copies.

Hereafter International Short Wave Radio will be published irregularly.

BOOSTERS

William C. Willmot of Linden, New Jersey, and A. B. Ray of Nogales, Arizona, got us new members during the past month. Thanks.

RELAYING MESSAGES FROM PRISONERS

In reply to a communication to the war department relative to relaying messages from prisoners of war in Japan, which are broadcast nightly over JZK on 15.16 mc. now, we have received a letter stating that there has been set up in Washington a Bureau charged with the duty of disseminating all such information. Lt. Col. B. M. Bryan, F. A., tells us that it would be a great help to the War Department if our organization would assume the duty of taking down such messages and forwarding them to the Office of Provost Marshal General.

We have half a dozen volunteers, many of whom have been sending messages direct to relatives of these prisoners. We are trying to work out a plan whereby there will be little duplication of messages and little chance that any messages will be missed. We believe that we should get as many volunteers as possible, have them each supplied with forms giving the name and classification of the prisoner, what part of the address of the relative that can be supplied, the message itself and the name and address of the listener. Messages will be sent to the War Department where complete addresses can be supplied and the messages mailed. We are open to suggestions on this subject. At the same time we want to hear from more volunteers. We just can not get too many. Later on we hope to enlarge the service to take care of messages from our armed forces in Australia and Ireland from where messages will soon be broadcast.



What many people call "skill" in tuning for short wave stations is nothing more or less than knowing **WHEN** and **WHERE** to tune for stations. Nearly all short wave stations are experimental and change their wave lengths or schedules almost without notice. To know when these changes take place is as important to successful reception as having a good receiver.

TIME GIVEN IS EASTERN WAR TIME. Add four hours for G.M.T.

NEW STATIONS

Australia. Station VLQ-4, Sydney, is on 7.22 mc. 7:25 to 8:10 A.M., having replaced VLQ-9 on 7.25 mc. (Legge, N. Y., Waite, N. Y.)

Belgian Congo. "Radio Congo Belge" heard 3:00 to 3:40 P.M. very often now on 10.14 mc., 11.73 mc. and 15.17 mc. and was heard once on

17.78 mc. (Legge, N. Y.) Heard on about 17.76 or 17.78 mc., 4:15 to 4:40 P.M. once, but a station cut in saying "This is the Columbia Broadcasting System," so it could be WNBI, New York, relaying Leopoldsville or a powerful new transmitter there, (Taylor, Mass.)

China. XGOR, Shanghai, heard on 9.655 mc., using English at 11:00 A.M. (Kastner, Texas). A station called "Radio Tientsin" heard on 10.18 mc. around midnight, (A California listener through G. C. Gallagher).

England. New transmitters opened this past month are GRE on 15.39 mc. used 3:00 to 4:30 A.M., 6:30 to 6:45 A.M., 8:30 A.M. to 1:00 P.M. and 2:30 to 2:45 P.M.; station GRD on 15.45 mc. used 3:00 to 4:30 A.M.; station GRM on 7.25 mc. used 11:30 A.M. to 12:15 noon and station GRZ on 21.46 mc. used 7:15 to 7:45 A.M. and 8:15 to 9:15 A.M.

Mexico. XEJG, Guadalajara, Jalisco, on 4.82 mc. is operated by Gobierno del Estado de Jalisco and heard till midnight, (Legge, N. Y.) XETT, Mexico City, is on 9.555 mc. heard evenings. Address is Apartado 7451 and they verified, (Legge).

GENERAL NEWS

AUSTRALIA

American programs now heard 7:25 to 8:10 A.M. over 7.22 and 9.54 mc., from 11:00 to 11:45 A.M. over 9.58 mc., and 12:25 to 1:10 A.M. over 11.71 and 15.16 mc. (Direct). VLG-3 tested on 11.71 mc. 5:25 to 6:00 P.M., but was troubled by WLWO, Cincinnati, (Waite and Gallagher). It and VLQ-2 on 11.87 mc. heard till 1:40 A.M. (Kastner, Texas). VLG-5 on 11.88 mc. heard nightly after midnight and VLQ-7 on 15.16 mc. heard daily 10:30 P.M. till midnight, (Gallagher, Calif.) Stations on 9.58 mc. 11.71 mc. and 15.31 mc. all heard 1:00 to 1:40 A.M. and at 11:30 A.M. (Field, Calif.) VLG-2 on 9.54 mc. heard till 10:35 A.M. (Sutton). Some station on 9.83 or 84 mc. heard sending news 7:45 to 8:15 A.M. (Waite, N. Y.)

AFRICA

Algeria. TPZ-2, Algiers, back on 8.96 mc. heard 4:00 to 7:00 P.M. now. Heard on 12.12 mc. 6:30 to 7:00 P.M. (Sutton, Ohio).

Egypt. SUV, Cairo, on 10.05 mc. is heard broadcasting around 3:30 P.M.

Gold Coast. ZOY, Accra, on 6.005 mc heard twice lately 5:45 till 6:00 P.M. (Sutton, Ohio).

Portuguese East Africa. CR7BD, Lourenco Marques, heard on 15.245 mc. 5:10 to 5:25 P.M. once, and CR7BE on 9.84 mc. heard one Sunday 2:45 P.M. (Pickering, N. J.)

Spanish Morocco. EA9AA, Melilla, heard on 7.09 mc. till 6:00 P.M. or later, (Legge, N. Y.)

ASIA

China. XGOK, Canton, heard on 11.65 mc 8:00 to 9:00 A.M. once, (Sutton, Ohio). XGAP, Peiping, on 6.10 mc. heard around 8:00 A.M. (Legge, N. Y.) XGOA, Chungking, on 9.72 mc. heard once 12:30 to 1:00 P.M.; XGOX on 11.90 mc. heard most days noon to 1:00 P.M. and once

8:00 to 9:00 P.M., and XGOY on 15.20 mc. heard 8:00 to 10:00 P.M. daily, (Gallagher, Calif.)

India. Some say Madras, India, is on 7.29 or 7.30 mc. from 12:30 to 2:20 A.M., but others say this is a British station sending a Hindustan program.

French Indo-China. Radio Saigon, under Japanese control, was heard in March on 10.22 mc. and 11.78 mc., but has not been on 10.22 for some time now, (Gallagher). Heard on 11.78, 10:10 to 10:30 A.M. and 7:50 to 8:05 P.M. with lady announcing, (Pickering). Heard signing off at 10:15 A.M. (Deligianis).

Japan. Here is a summary of the latest reports received. JZI on 9.53 mc. heard at 7:30 A.M. and from 11:00 A.M. till 2:00 P.M. JLG-3 on 11.70 mc. heard 2:00 to 2:30 A.M. JVW-3 on 11.73 mc. heard afternoons and evenings. JZJ on 11.80 mc. heard 11:00 A.M. to 2:00 P.M., 11:00 P.M. till 2:30 A.M., with English at 11:30, Spanish at midnight, and English at 11:00 A.M. JVZ on 11.815 mc. afternoons and nights till 1:00 A.M. and JZK on 15.16 mc. 8:30 P.M. till 2:30 A.M. (These are reported by California listeners, Gallagher and Field). JZK on 15.16 mc. has replaced JLG-4 on 15.10 mc. starting at 7:00 P.M.

Manchukuo. MTCY, Hsinking, heard on 6.125 mc. from 6:15 to 7:00 P.M., new time (Legge, N. Y.) Heard on new frequency of 10.10 mc. and 11.78 mc. from 1:00 to 3:00 A.M. Also on 6.12 mc. at 5:00 A.M. (Gallagher, Calif.)

Thailand. HSP-5, Bangkok, now in Japanese hands, heard on 11.715 mc. 8:00 to 8:30 P.M. Uses six shrill chimes at 8:20 P.M. (Legge, N. Y.) Heard 7:30 to 8:30 A.M. (Pickering, N. J.)

U. S. S. R. Komsomelsk, Siberia, has opened a new bunch of stations. They are on 6.07 mc. 9:30 A.M., on 6.10 mc. 9:15 to 9:30 A.M., 6:15 to 6:40 P.M., 9:15 to 9:40 P.M. and 11:15 to 11:40 P.M., on 9.56 mc. 9:15 to 9:30 A.M. and 11:15 to 11:40 P.M., on 11.88 mc. 6:15 to 6:40 P.M., 9:15 to 9:40 P.M. and 11:15 to 11:40 P.M. and on 15.20 mc. 6:15 to 6:40 P.M. and 9:15 to 9:40 P.M. (Field, Calif.) Also on 9.565 mc. 5:15 to 5:40 P.M., on 11.885 mc. 5:15 to 5:40 P.M., 7:00 to 7:40 P.M. and 9:15 to 9:40 P.M. and on 15.23 (not 15.20) 5:15 to 5:40 P.M. and 7:00 to 7:40 P.M., this in addition to the above, (Legge, N. Y.) Heard on 6.115 mc., 11.885 mc. and 15.23 mc. 9:15 to 9:40 P.M. and on 6.115, 9.567 and 11.885 mc. 11:15 to 11:40 P.M. (McConnell, Colo.) RV-15, Khabarovsk, heard on 6.05 mc. from 1:00 A.M. up till noon, also on 9.56 mc. midnight to 1:00 A.M. but not heard on 6.84 nor 7.20 mc. lately, (Gallagher, Calif.)

EUROPE

Azores. Ponta, Delgada, heard on 7.32 mc., not 7:30, from 3:30 to 3:50 P.M. (Pickering, N. J.) This station has been heard on 4.01 mc. 5:00 to 7:00 P.M.

England. The B. B. C. is about ready for a big change in schedules, they say, so we will not bother to give the present one this month. New transmitters have been used on 7.25 mc., 15.39 mc., 15.45 mc. and 21.46 mc. lately. This comes direct. Other reports show these. GRM on 7.125 mc. till 12:15 P.M. (Legge, N. Y.) Some station on 15.36 or 15.37 at 10:30

A. M. (West Dyke, Calif.). One on 17.78 or 79 mc. with Spanish noon till 12:15 P. M. (Pickering). These last two are not mentioned by the B. B. C. in their program sheet. GRE heard on 15.375, not 15.39, (Legge, N. Y.)

Finland. OFE, Lahti, on 11.78 mc. heard 8:30 to 8:55 P. M. (Pickering, N. J.) Heard at 7:15 P. M. (Mayer, Ill.) Heard at 11:30 P. M. (Thompson, Ohio). Heard daily 2:30 to 3:00 P. M. (Pickering). Announced schedule as at 2:05 P. M. on 9:50 mc. 11.78 mc. and 15.19 mc., at 8:10 P. M. 9:50 and 11.78 mc. and at 11:05 P. M. on 11.78 mc. This is the news in English schedule, (Pickering).

France. The French still refuse to clarify why the stations on 9.52 mc., 15.24 mc. and 17.85 mc. all announce Paris, Vichy and Berlin on different programs. We believe these are all one and the same station broadcasting from Vichy, but used by Germany to relay their propaganda. Here are some reports: Heard on 15.24 mc., 10:45 till 11:30 A. M. and on 11.84 mc. 4:00 to 4:30 P. M. (Sutton, Ohio). Heard using Japanese 2:00 to 2:45 P. M. (Pickering). Heard at 1:45 A. M. (Gallagher). Heard on 17.855 mc. around 10:00 A. M. (Legge).

Germany. Berlin is now heard sending on 6.02 mc., 6.03 mc., 6.20 mc., 7.24 mc., 7.29 mc., 9.56 mc., 9.61 mc., 9.67 mc., 10.29 mc., 10.54 mc., 11.74 mc., 11.77 mc., 11.84 mc., 11.88 mc., 15.11 mc. and 15.28 mc. Although some programs are heard often, we believe most programs can be called irregular, as some stations are not heard for days at a time. Here are some late reports. DXM on 7.27 mc. heard again 6:00 to 7:00 P. M., some station is on 9.62 mc. around 6:00 P. M. and it is not DXB on 9.61, and the station on 11.88 mc. may be TPB-7, Paris, and not DHE-4-C, Prague, which is on 11.875, (Legge, N. Y.) Some German is on 9.56 mc. at 7:15 P. M. It is not DXZ on 9.57 nor DXB on 9.61, (Kastner, Texas). Some station is on 11.89 mc. all evening, (Pickering, N. J.)

Italy. Several new stations reported on the air. One on 10.32 mc. heard at 1:00 P. M. and at 10:00 P. M. and one on 11.96 mc. heard evenings irregularly and at noon to 2:00 P. M. (Gallagher, Calif.) One on 19.40 mc. heard 10:30 A. M. to noon, (VanBergen, N. Y.) 2RO-7 on 17.77 mc. and 2RO-6 on 15.07 mc. heard at 10:00 A. M. (Legge, N. Y.) One on 10.33 mc. at 11:30 P. M. (Field, Calif.) One on 11.95 mc. in English 8.30 to 10:30 P. M. (Keever, Ohio). Some station, probably anti-Fascist on 11.91 heard 9:00 to 9:20 P. M. (Pickering).

Portugal. Some station heard on 9.78 mc. 8:30 till 9:00 P. M. once, (Sutton, Ohio). CSW-7, Lisbon, on 9.735 mc. heard sending program for Americans 8:05 till 9:10 P. M. (Sutton, Ohio).

Roumania. "Radio Bucharesti" heard on new frequency of 7.56 mc. 5:05 to 5:15 P. M. once. Woman announced "Radio Bucharesti" several times. This station is usually on 9.26 or 9.27 mc. afternoons.

Serbia. Some Serbian station (anti-Nazi) heard on 11.785 mc. 3:00 to 3:20 P. M., signing off with Serbian National Anthem, (Sutton, Ohio).

Slovakia. "Radio Bratislava" heard on 9.503 mc. instead of 9.53, 7:45 till 8:00 P. M. Said "Slovak Short Wave Station" and announced schedule as Mondays, Wednesdays, Fridays and Saturdays 7:00 to 8:00 P. M. (Pickering, N. J.)

Spain. EAQ, Madrid, on 9.86 mc. is back on the air afternoons and evenings, (Many). Madrid is on 7.03 mc. till 5:30 P. M. Velencia is on 7.037 mc. till 7:00 P. M. Unknown station is on 7.095 mc. till 6:30 P. M. Oviedo is on 7.12 mc. till 6:00 P. M. Malaga is on 7.143 mc. till 6:30 P. M. Madrid is on 7.20 mc. till 7:00 P. M. and some unknown station is on 7.26 mc. till 6:30 P. M. (Legge, N. Y.) "Radio Nacional de Espana" heard on 7.20 mc. from 3:30 till 4:30 P. M. (Pickering, N. J.)

Sweden. SBT, Stockholm, on 15.15 mc. heard at 11:45 A. M. to noon. Send reports to Swedish Legation, New York City. (Pickering, N. J.) SBU on 9.53 mc. and SBP on 11.71 mc. broadcast to America nightly 9:00 to 10:00 P. M.

Switzerland. HER-4, Berne, on 9.54 mc., announcing 9.535 mc., heard till 11:15 P. M. (Pickering). Heard after 11:00 P. M. (Bergen). Heard at 9:15, (Mayer). Was heard on 11.86 mc. till 11:10 P. M. using English, (Gallagher, Calif.)

Vatican. HVJ, Vatican City, on 9.60 mc. broadcasts in English every Sunday and Monday at 9:30 P. M. and Thursday at 8:30 P. M. Anyone hearing this one?

U. S. S. R. Moscow, Kuibyshev, Sverdlovsk, Khabarovsk and Komso-melsk are heard all over the dials now. These last two are mentioned under Asia. Here are some reports: Moscow on 11.88 mc., 11:15 till 11:15 P. M., also on 6.10 mc. and 15.20 mc. same time, (Field, Calif. and Kastner, Texas) On 9.565 mc. at 8:30 A. M., on 11.72 at 11:30 P. M. and on 10.04 or 05 mc. at midnight, (Pickering). Also at 5:00 P. M. on 9.56 (Pickering). English programs at 8:15 and 9:40 P. M. on the 19.25 and 49 meter bands, and at 10:15 P. M. on the 25.31 and 49, (Keever, Ohio). Heard on 9.52 mc. 3:30 till 7:00 P. M. (Legge, N. Y.) Heard on 6.05 mc. till noon, on 7.20 mc. at 1:00 A. M., on 9.55 mc. at 1:00 A. M., on 9.60 mc. at 11:00 P. M., on 11.89 mc. 7:30 till 10:15 P. M. and on 15.23 same time, (Gallagher).

Mystery. "Radio Gustav Siegfried Ein" is on 9.545 mc. 8:50 to 9:00 P. M. and 9:50 to 10:00 P. M. May be in England or Germany, (Pickering, N. J.) Heard afternoons and evenings at ten minutes before each hour, (Legge). Another station is on 6.155 mc. and heard 4:10 to 4:20 P. M. using slogan "Ici Radio Cavat" (Legge). This one is also heard 11:50 P. M. to midnight and says "Voice la Verite, Econte," which means "This is the Truth, Listen" (Pickering, N. J.) A station using slogan "Station De-bunk," located in Germany, but claiming to be in America is on 7.20 mc. between 8:30 and 9:00 P. M. (Legge, N. Y.) Is heard 7:00 to 8:00 P. M. opening with Star Spangled Banner, on 7.23 mc. Man usually talks against our American Way, (RNC). This station surges and fades like all distant station and is not in America.—Editor. "European Revolutionary Station" heard in German language on 9.64 mc. at 9:20 P. M. Also an Anti-Fascist station on 11.91 mc. heard at 9:10 A. M. and at 9:00 P. M. (Pickering, N. J.)

SOUTH AMERICA

Argentina. LSN-2, a telephone station at Buenos Aires, heard sending special broadcast 10:00 to 11:00 P. M. twice, (Gallagher).

Bolivia. CP-31, La Paz, on 6.00 mc. using the slogan "Radio Patria" is a new 500 watt station to open soon, (Legge, N. Y.)

Brazil. PRC-5, Belem, Para, is on 4.865 mc. and verified. Address is R. Camelier, Manager, Radio Club de Para, Rua Jununas 479. Power is 2000 watts. (Legge).

Colombia. HJEX, "Radio Pacifico" at Cali, has returned to the air on 4.865 mc., where it is heard till 10:30 P.M. (Legge, N. Y.) HJCF, Bogota, has moved from 6.24 to 6.075 mc. HJAG, Barranquilla, moved from 4.97 mc. to 4.90 mc. HJCW, Bogota, on 4.945 mc. has a harmonic or a station on 9.89 mc. heard evenings, (all by Legge, N. Y.)

Ecuador. HJCB, Quito, announces 12.50 mc., not 12.46, (Sutton, Ohio). They say that, but are on 12.46. HC2AK, Guayaquil, is now on 9.23 instead of 9.31, according to one magazine.

Paraguay. ZPA-1, Asuncion, on 6.07 mc. is a new 3,000 watt station that will open soon. It is operated by the government (Legge). ZPA-2, Asuncion, on 11.72 mc. is operated by Teleco Paraguays, S. A. (Legge). This ZPA-2 is reported heard 7:00 till 8:40 P. M. in some places. Uses slogan "Radio Telade."

Peru. OAX4K, Lima, "Radio Goicochea" heard on 9.715 mc. evenings (Legge, N. Y.)

Suriname. PZX-3 (not PZX-1) on 5.946 mc. at Paramaribo, has 450 watts power. They and PZX-5 on 15.40 mc. broadcast weekdays 6:40 till 8:40 P.M., Saturdays 5:55 till 6:25 P.M. and Sundays 9:10 till 11:40 A.M. and 7.40 till 9:00 P. M. Was on 15.15 mc. (Sutton, Ohio). Both stations heard 7:40 till 8:40 P.M. week-days, (Legge). address is A. V. R. O. S., Box 150, (Legge).

Uruguay. CXA-21, Montevideo, will open soon on 6.17 mc. using 100 watts power and the slogan "Radio Tenix" (Legge). Some Montevideo station is heard on 11.70 mc. evenings now, (Pickering).

Venezuela. YV5RU, Caracas, moved to 6.07 mc. from 4.86 mc. Legge and Kastner). YV3RN, Baraquismeto, moved to 6.12 mc. from 4.82 mc. (Legge). YV5RN, Caracas, moved to 6.20 mc. from 4.92, (Legge, Gallagher and Kastner). A harmonic of this station is heard on 10.08 mc., it is said. They relay YV5RA. YV5RM, Caracas, moved to 6.15 mc. from 4.89 mc. It relays YV5RL, (Legge, Pickering, Kastner). A harmonic of YV1RV on 4.74 mc. falls on 9.497 mc.

CENTRAL AMERICA

Costa Rica. TIJMP, (not T), "Radio La Tribuna" at San Jose, on 11.90 mc. verified, giving address as Apartado 849. It relays "Radio Americana-Latina" and "Radio La Libertad," two long wave stations, (Legge, N. Y.) TI4NRH, Heredia, heard on 9.90 mc. in place of 9.69 mc. and at 12:30 A. M. (NRC).

Guatemala. Some station in Guatemala City is heard on 7.26 mc. till midnight. (Legge, N. Y.) TGWA on 15.17 mc. heard at 8:15 P.M. once although scheduled to sign off at 6:15 P. M. Sundays and 2:15 P.M. week-days, (Pickering).

Mexico. New Mexican, XEJG, is on 4.815 mc. till 11:00 P.M. (NRC). It is at Guadalajara. Some Mexican is on 5.895 mc. 11:00 P. M. till 12:30 A. M. (Field, Calif.) XEKW, Morelia heard on 6.03 mc. as late as 11:00 P.

M. (Sutton, Ohio). Some new Mexican telephone stations are heard. XFIF, Guadalajara, on 7.69 mc., XFIU, Veracruz on 7.84 mc., XFIN, Merida, on 8.57 mc., XIPT, Tapuchula, on 10.425 mc., XDAL, Mexico City on 10.59 mc. all heard working each other 7:00 to 8:00 P. M. (Legge, N. Y.)

Nicaragua. YNRS, Managua, heard on both 6.76 mc. and 8.58 mc. according to National Radio Club. Heard on 6.76 till 1:00 A.M. (Gallagher, Pickering).

Salvador. YSPB, Salvador City, moved to 6.15 mc. from 6.58 and HUB moved to 4.78 mc. from 5.56 mc. (Legge, N. Y.)

WEST INDIES

Cuba. COBC, Havana, moved to 9.70 mc. from 9.39, (Kastner, Texas). COCX, Havana, moved to 9.27 from 9.20 mc. (Pickering, N.J.) Some Cuban announcing "Radio Habana Cuba," heard on 11.76 mc. often around 1:00 A.M. (Gallagher, Calif.)

Curacao. PJC-2, Willemstad, heard on 9.10 mc., signing off at 10:15 P. M. (Nichols, Pa.) Heard till 9:40 P.M. (Pickering, N. J.) Heard on 9.09 mc., 8:30 till 10:00 P.M. and now has 1,500 watts power, (Sutton, Ohio). Heard on 9.12, 8:00 till 10:15 P. M. (Gallagher, Calif.) PJC-1 on 5.94 mc. is still used and heard till 10:15 P. M.

Dominican Republic. HI1X, Trujillo City, moved to 6.34 mc. from 6.20 mc. A sister station or harmonic was heard on 11.88 mc. evenings till they moved, (Legge, N. Y. and Pickering, N. J.)

Haiti. HH2S, Port-au-Prince, on 5.95 mc. has a special English program each Wednesday 10:30 to 11:30 P. M. (Pickering, N. J.) HHBM on 9.66 mc. heard 8:00 to 9:00 A. M. strongly, (Sutton, Ohio).

NORTH AMERICA

Canada. CBFY, Montreal, heard on 11.76 mc. instead of 11.70 for one night, (Gallagher, Calif.) Heard on 11.745 mc. nights, (Legge, N. Y.) CJCX, Sydney, 6.01 mc. heard at 7:25 A.M. with news, (Mayers, Ill.)

U. S. A. Station KWID, San Francisco, failed to go on the air as scheduled. It will operate on 15.29 mc. in place of 15.35 to avoid KGEI (FCC). KGEI, San Francisco, is being relayed by telephone stations operated by A. T. & T. on many waves. Schedule was once announced as follows: 6.87 mc. 7:13 to 3:00 A.M., 6.98 mc. 3:15 to 8:45 A.M., 7.25 mc. 4:30 P.M. to 3:00 A.M., 7.75 mc. 3:15 to 9:00 A.M., 10.35 mc. 3:00 P.M. to 7:00 P.M., 11.00 mc. 3:00 P.M. to 7:00 P.M., 13.81 mc. 9:00 A.M. to 6:30 P. M., 15.33 mc. 10:30 A.M. to 5:30 P.M. and 18.13 mc. 9:00 P.M. to 6:45 P.M. It was also reported on 7.71 mc., 9.49 mc., 10.40 mc., 11.95 mc., 13.78 mc. and 18.04 mc.

U. S. A. Press Wireless, Inc., an organization that has had telegraph stations in most of the major cities of our country has been testing several on voice. Here are some reports. KJE-8, Los Angeles, on 9.39 mc. 8:30 to 9:15 P. M. and KCI-2, on 10.34 mc. at 5:00 P. M. (Sutton, Ohio). KJE-9, Los Angeles, on 10.79 mc. at noon, (Piatt, Iowa). KJE-8 on 9.39 mc. evenings, (Legge, N. Y.) KGT-9, Los Angeles, on 15.58 mc. 6:15 to 7:15 P. M. often. Relaying Don Lee Station, (McConnell, Colo.) Heard 3:00 P. M. till late evenings, (Sutton, Ohio). KJE-9 used as call on 10.75

mc. 11:15 A. M. to 12:15 noon, (McConnell). WCB, also owned by Press Wireless at Hicksville, Long Island, also on 15.58 mc. 1:00 to 2:00 P. M. Also a station KGT-3, Los Angeles, on 6.92 mc. heard 9:00 to 10:00 A. M. (McConnell).

THE REPORTERS

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SHUSH-SH-SH

Just a reminder, folks. The enemies of America are depending on we short wave fans to carry their lies to our people, to create disunity and break up our morale. It is through we short wave fans that they hope to accomplish what they can not accomplish with guns and planes. So, whatever you hear that is not confirmed by our own forces, keep to yourself.