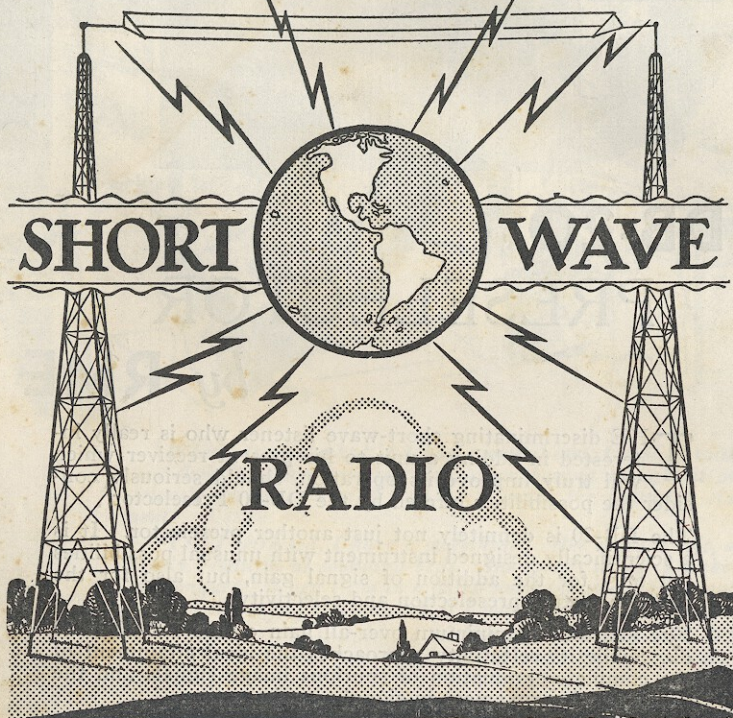


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INTERNATIONAL



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THE VOICE OF THE
INTERNATIONAL SHORT WAVE CLUB

EAST LIVERPOOL, OHIO, U. S. A.

SHORT WAVE NEWS

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.

Stations Under Construction

Little America. Admiral Byrd's Expedition will have three commercial and three amateur calls. Amateur calls will be KC4USA at the West Base, KC4USB at the East Base, and KC4USC on the snow cruiser. Commercial calls will be KTRK West Base, KTRC East Base and KTRA on the snow cruiser, (Graulick, N. J.) The expedition will have sixteen commercial frequencies and will operate on the 20, 40 and 80 meter bands as an amateur station contacting amateur stations the world over. (Editor).

Cuba. A station COCN, Havana, is supposed to open on 9.437 mc. soon.

Greece. Two new transmitters of high power will operate from Sparta as follows: 6.885—SVD; 7.228—SVL; 7.805—SVG; 9.03—SVH; 9.695—SVI; 9.825—SVJ; 9.935—SVM; 10.705—SVN; 12.195—SVP; 13.64—SVQ.

Belgium. A new transmitter at Ruyssede, the home of ORK, will soon operate on 11.85 mc. and will have 45,000 watts power.

Cincinnati, Ohio. The new WLWO, 50,000 watt transmitter is nearing completion and will be heard soon. With beam antennas this new station may operate as follows: 6.06 mc, 9.59 mc., 15.27 mc and 21.56 mc.

New Zealand. We have two different reports on stations under construction at Wellington. From New Zealand came word that around January first a new station will go on the air. Wavelengths are ZL-1 on 9.54 mc., ZL-2 on 11.78 mc., ZL-3 on 15.28 and ZL-4 on 17.77. Member Fister says it is ZL-1 on 6.08 mc., ZL-2 on 9.54 mc., etc.

Senegal. Rumors prevail that shortly a new 10 kw. short wave broadcast station will commence operations at Dakar. It will be under the supervision of the Minister des Postes et Telegraphes.

Iran. Two transmitters of 2,000 and 20,000 watts power are under construction. One is for European reception, the other for world-wide reception. Member Callan believes he heard EQC on 9.68 mc. at 7:15 A.M. one Tuesday. Said "La Voz de Teherana."

Chile. CB-946, Santiago, a new 5 kw. station to operate on 9.46 mc. is under construction.

Spain. The new government has ordained that a new 40 kw. transmitter, to operate on several frequencies be built.

Venezuela. A transmitter to be operated by the Director of Radio Communications at Caracas will operate on 6.172 mc. (YVKF) 9.64 mc.

NEW STATIONS HEARD

Australia. At least five new frequencies are reported for new Australian stations. Most important of the lot is VLQ, a powerful new station at Sydney, which is heard on 9.615 mc. testing between 3:30 A. M. and 9:00 A.M. irregularly. It is heard best, according to reports, between 6:00 and 9:00 A.M. It is a government owned station, (Callan, Mass.; Traister, Ill.; Werner, Calif.; Maurice, N. Y.; Legge, N. Y.; Lovelace, N. Y.) Second, a new 2000 watt transmitter at Wanneroo, VLW, has been heard as follows: On 6.13 mc. 5:30 to 7:00 A.M. On 9.56 mc. 7:00 to 8:00 A. M., saying it was operated by the Australian Broadcasting Commission, P. O. Box 1866, G. P. O., Melbourne, (McDermott, N. Y.) On 11.83 mc. 9:30 to 10:30 A.M. (Legge, N. Y.) Third, VLK, Sydney, heard on 9.60 mc. signing off at 7:30 A.M. saying, "V for Victory, L for London, and K for Kangaroo, on 9,600 kilocycles, (McDermott, N. Y.) Note—VLK is the commercial telephone call of the station at Sydney that works England, but it was never reported broadcasting, nor on 9.60 mc. before.—Editor.

Special. Special. Here is the Australian station set-up sent to us by Arthur Bear of London. VLQ, Sydney, on 9.615 mc. broadcasts daily 2:00 to A.M., 6:30 to 6:50 A.M., 7:00 to 8:00 A.M., 8:15 to 8:45 A.M., and 10:30 to 11:30 A.M. The 7:00 to 8:00 and 10:30 to 11:30 programs are for America. VLR, Melbourne, on 9.58 mc. broadcasts 9:00 to 9:30 A.M.

VLW-3, Wanneroo, on 11.83 mc. broadcasts 12:30 to 1:30 A. M. VLR-3 Melbourne, on 11.88 mc. broadcasts 6:35 to 7:00 P.M. (evenings), and VLQ-2, Wanneroo, on 11.87 mc. broadcasts 2:30 to 3:30 A. M.

Barbados. The government operates a station on 3.95 mc. which broadcasts daily 6:30 to 7:00 P.M., giving news, (Watkins, Barbados).

Salvador. YSW, San Salvador, is on 6.145 mc., 9:30 to 10:00 P.M., was opened in November, (Graulich, N. J.)

Mexico. XEHX or XDHX, "La Banco Nacional de Mexico," location unknown, heard testing on 11.11 mc. evenings, (Oxrieder, Canal Zone).

Mexico. XEKW, "El Eco de Michoacan." Morelia, Michoacan, owned by Ing. Jose Martinez Ramirez, is on 6.03 mc., 10:00 to 11:00 P.M. broadcasting and verified promptly, (Legge, N. Y.)

Mexico. A station at Mazatlan, heard on 10.40 mc. at 10:00 P.M. asking for reports on new transmitter, (Casals, Dom. Rep.)

Uruguay. CXA-7, Montevideo, is on 11.482 mc. relaying CX-26 evenings (Oxrieder, Canal Zone).

Uruguay. CXA 14, Colonia, is on 11.827 mc. relaying LR-6, Argentina, from 7:00 to 8:00 P.M. (Legge, N. Y.)

Mozambique, Africa. CR7BE, Lourenco Marques, on 9.64 mc. with very powerful signal (best of all African stations), between 12:20 and 4:00 P. M., irregularly and between 2:00 and 4:00 P.M. almost daily. Gives address as Post Office Box 594. Announces 9.61 mc., heard on 9.64, (Maurice, N. Y.; Hutchinson, N. H.; Legge, N. Y.)

Flash. Radio Club of Mazambique, Box 594, Lourenco Marques, announces these stations are being used 2:00 to 4:00 P.M. daily. CR7AB (3.49 mc.), CR7AA (6.13 mc.), CR7BE (9.65 mc.), CR7BD (15.25 mc.) CR7BD and CR7BE are heard 2:00 to 4:00 P.M., but CR7BH on 11.72 mc. is not mentioned nor heard, (Legge, N. Y.)

Nicaragua. YNJAT, Leon, operated by Jose Agustin Tijerino, is on 5.758 mc. between 7:00 and 10:00 or 10:30 P.M. week-days only, (Legge, N. Y.) This is not to be confused with YNDG, Leon, on 7.66 mc.

Bahamas. A station on 8.14 mc. at Nassau heard at 7:30 P.M. saying they were testing new transmitter and mentioning ZIO on 8.14 mc., ZSS-2 near 5 mc., ZSR on 3.00 mc. and ZNS-2 on 6.30 mc. (National Radio Club).

Iran. Some station on 9.68 mc. heard from 7:00 to 7:30 A.M. said at sign-off, "La Voz de Teherana, Ay-Koo-Say." Believed to be EQC at Terheran, Iran (Persia), (Callan, Mass.)

Andorra. "Radio Andorra" in the Republic of Andorra, between France and Spain, heard on 8.57 mc. and at another time on 11.83 mc. at 2:00 P. M. (Boothroyd, Eng.)

Nepal. A station on 14.78 mc. is reported at 4:00 A.M. and near 9:30 P.M. supposed to be at Katmandu, Nepal.

Portugal. Stations CSW-4 on 15.21 mc. and CSW-5 on 11.84 mc., both at Lisbon, are heard around 11:00 A.M. to 3:00 P.M. (Boothroyd, England).

Iraq. Some station is on 7.87 mc. using Arabic between 1:45 and 4:30 P. M. ((Boothroyd, England).

GENERAL NEWS

OCEANIA

We are anxious to know if stations VK2ME, VK3ME and VPD-2 are back on the air. Member Woodward says VK2ME is on 9.59 still on Sundays.

AFRICA

Algeria. Telephone station TPZ 2, Algiers, on 8.96 mc., broadcasts Tuesdays and sometimes Saturdays from about 12:30 to 1:30 P. M.

French Somaliland. FZE, Djibouti, on 17.28 mc., a telephone station, broadcasts Mondays through Fridays 8:00 to 8:30 A. M. now, (Boothroyd, England).

Ethiopia. I2AA, Addis Ababa, on 9.65 mc. heard daily 1:30 to 2:15 P. M. (Lowery, England). New schedule we see listed is 3:30 to 5:00 A.M. and 11:00 A. M. to 2:30 P. M.

Portuguese Africa. CR6RC, Luanda, Angola, on 11.74 mc. broadcasts daily 6:30 to 7:45 A.M., Tuesdays, Wednesdays and Saturdays, 3:30 to 5:00 P.M., Sundays 9:00 A.M. to 1:00 P.M. Has 50 watts power. Radio Club de Angola, Caixa Postal 229, (National R. C.)

ASIA

Japan. Schedule for January is JVW on 7.257 mc., 2:00 to 4:00 P.M., JZI on 9.53 mc., 7:00 to 9:30 A.M. and 2:00 to 4:00 P.M., JZJ on 11.80 mc. midnight to 1:30 A.M., 7:00 to 9:30 A.M. and 4:30 to 5:30 P.M.; JZK on 15.16 mc., 4:30 to 5:30 P.M. and 8:00 to 9:00 P.M. This last program is for America.

Iraq. Some station on 7.87 mc. using Arabic and believed to be YI5KG, Baghdad heard 1:45 to 4:30 P. M. (Boothroyd, England).

India. Listeners should dial on 15.16 mc., 9.59 mc. and 9.55 mc. between 9:30 and 10:30 P.M. and 6:30 and 9:30 A.M. for Indian stations, and on 4.96 mc., 4.82 mc. and 4.88 mc. from 7:30 A.M. to 11:00 A.M. for others.

China. XGOX, Szechwan, has been testing recently on 9.65 mc. or 31.09 meters between 1:00 and 3:00 A.M. and 9:00 and 9:30 A.M. (Ong, Arizona; Gallagher, Calif., and Werner, Calif.) Was on 9.50 mc. also just before they went to 9.56, (Gallagher). Is on 15.20 mc. between 8:30 and 10:45 P.M. also, (Ong, Ariz.) Was on 11.90 mc. 9:00 to 9:30 A.M. (Gallagher, Calif.) Uses call XGOY and XGOX. XPSA, Kweiwang, on 6.97 mc. broadcasts 5:30 to 11:10 A.M. and 5:00 to 6:00 P.M., using English 9:00 to 9:10 A.M. XGOY is usually on 11.90 mc. 2:00 to 6:30 P.M. and 5:30 to 11:30 A.M., too. XMHA, Shanghai, operated by the Japanese, is on 11.86 mc. daily now, 5:00 to 11:00 A.M.

Philippines. After reading many reports over the past few months, we have decided that this is the set-up in the Philippines. KZRH, "The Voice of the Philippines," operated by Radio Heacock, Heacock Bldg., Manila, is on 9.636 mc. and 6.10 mc., alternating, between 3:00 and 11:00 A.M., signing off with "The Star Spangled Banner." KZIB, operated by Beck's Department Store, Manila, is on 9.50 mc. and 6.04 mc. between 6:00 and 11:00 P.M. and 5:30 and 11:00 A.M. KZRF, "Radio Philippines," is

on 6.14 mc. between 5:30 P.M. and 11:30 A.M. next day.. It is operated by Radio Philippines, Insular Life Bldg., Manila. KZRM, Manila, is on 9.57 mc. and programs from this station are relayed by KZRF, so you hear the call KZRM on several frequencies. Veri from KZ1B gives details on this station, (Robinson, Iowa). Others who helped are members Oliver, Schubert, Legge, Callan, Keast and Werner.

Indo-China. Radio Saigon, Saigon, is heard on 11.78 mc. now, 11:00 P.M. to 12:45 A.M. and 6:00 to 11:00 A.M., signing off with French National anthem. A veri said they were on 6.116 mc. with English programs daily 6:00 to 6:45 A.M. with a "Mail Bag" program Tuesdays. We read that they have discontinued using 6.11 mc., but member Callan says they are on both 6.116 and 11.78.

Dutch Boreno. Telephone station YCP at Balikpapan now uses a new call, YCC, and is on 9.12 mc. around 7:00 A.M. (Legge, N. Y.)

Manchoukuo. MTCY, Hsingking, is operated on 6.13 mc. and 11.775 mc. A verification gives their 11.77 mc. schedule as follows: To Europe, 4:00 to 4:50 P.M. For America, 1:30 to 2:30 A.M. For Asia, 9:50 to 10:55 A.M. No schedule is given for 6.13 mc. Address is Short Wave System, Central Broadcasting Station, Ksingking, Manchoukuo, (Gallagher, Calif.) Heard on 11.77 at midnight, contrary to schedule, (Werner, Calif.) Heard on 6.13 mc. 6:50 to 9:00 A.M. almost daily, (Gallagher, Calif.) Heard on 11.77 mc. after 2:30 A.M. sometimes, (Gallagher). Heard at 12:30 A.M. off schedule, (Schubert, Iowa). Heard at 1:00 A.M. (Werner, Calif.) At 9:50 A.M. (Waite, N. Y.) at 4:00 P.M. (Lowery, Eng.)

EUROPE

Vatican City. HVJ, on 6.19 mc. will broadcast for the U. S. A. in English every Wednesday and Sunday night at 9:30 P. M. now.

Luxembourg. One member reports that Radio Luxembourg closed down at the beginning of the war, but we have received reports of reception since then and we wonder if they are off the air. They use 15.35 mc., 11.776 mc., 9.52 mc. and 6.09 mc.

Sweden. Stations SBU on 9.53 mc. and SBP on 11.71 mc. now broadcast every day 8:00 to 9:00 P.M. instead of SBP and SBT on 15.15 mc. broadcasting Wednesdays and Saturdays only, (Westerberg, Mass.)

Portugal. Two new stations, CSW-4 on 15.21 mc. and CSW-5 on 11.84 mc. heard around 11:00 A.M. to 3:00 P.M. (Boothroyd, England) CSW-6 on 11.04 mc. used 1:00 to 3:30 P.M. and CSW-7 on 9.74 mc. used 4:00 to 8:00 P.M. now (Edwards, Pa.) CSW-8 on 7.26 mc. used Tuesdays, Thursdays and Saturdays 4:05 to 5:00 P.M. (Iball, England).

Yugoslavia. YUA and YUB, both on 6.10 mc. broadcast 12:45 to 2:00 A.M., 6:30 to 7:45 A.M. and 11:20 to 4:45 P.M.; YUE on 11.74 and YUG on 15.24 mc. broadcast 6:55 to 7:55 P.M. and YUD on 9.50 mc. and YUF on 15.24 mc. broadcast 8:00 to 9:00 P.M. This is their latest schedule, (Boothroyd, England).

Finland. Since the Russian invasion, not a peep has been heard out of the Finnish shortwave stations as far as we can learn. The list includes OFD on 9.50 mc., OFE on 11.78 mc., OIH on 17.80 mc. and OII on

21.55 mc. Anyone hearing any of these stations, please notify us at once.
Hungary. HAD, Budapest, up to December 16th, broadcast as follows: 21.63 mc., noon to 3:00 P.M., 11.95 mc. 3:00 to 6:00 P.M., 9.625 mc. 6:00 to 9:00 P.M. and 7:22 mc. 9:00 P.M. to midnight, (Legge, N.Y. and Callan, Mass.) Heard on 21.63 and 7.22, (same reporters).

Italy. Each month the EIAR sends us a program sheet and we guide our list by it. Different from the list, however, are these reports from member Callan. IQY on 11.67 is not used 7:30 to 9:00 P.M. 2RO6 on 15.30 is used 3:00 to 5:30 P.M. and 7:30 to 9:00 P.M. 2RO14, on 15.34 is heard nearly every afternoon. 2RO16 on 21.51 mc. is heard regularly 9:00 to 10:00 A.M. 2RO15 on 11.75 mc. is heard at 6:00 A.M. 2RO12 on 15.10 mc. is heard almost all day. Member Woodward says 2RO6 on 15.30 mc. is heard till 4:45 P.M., not just 4:00 P.M. 2RO3 on 9.63 mc. broadcasts 1:00 to 2:20 A.M. for Australia, (Dement, Pa. and Graulich, N. J.) 2RO-8 on 17.82 mc. heard 7:30 to 9:00 P.M. (Casals, Dom. Rep.) 2RO-15 on 11.76 mc. heard 2:40 to 3:10 P.M. and 4:45 to 5:00 P.M. (Woodward, Mass.)

Roumania. Sometimes we wonder if there is such a station as YRO, Baneasa, reported on 12.16 mc. between noon and 1:00 P.M. and around 15.40 mc. around 9:00 to 10:15 P.M. A good many members say this is a Russian station. Member Fister says it is RV99 at Irkutak on 15.41 mc. and member Callan heard the announcer at Moscow say RV99 was broadcasting on 15.41 mc.

Holland. PCJ on 9.56 mc., PCJ-2 on 15.22 mc. and PHI-2 on 17.77 mc. all operate on an irregular schedule, changing about once each week. You may hear any of them not on the schedule we show.

Ireland. A new schedule is in effect. Radio Eirann, Dublin, is on 17.84 mc., 7:30 to 8:30 A.M. and 9:00 to 10:00 A.M., on 9.595 mc. 12:30 to 4:30 P.M. and 5:00 to 6:00 P.M. Power 15,000 watts now, (Lowery, England). Heard at 5:00 P.M. now, (Bird, Del.)

Switzerland. The Swiss stations are oftentimes rented to relay programs and since the war have kept a very irregular schedule. We list only the regular scheduled programs.

Germany. DXB, Berlin, on 9.61 mc. starts up at noon, not 2:00 P.M. as shown in list, (Bird, Del.) DJA on 9.56 mc. is heard from noon to 3:00 P.M., not shown in schedule, (Bird). DJC on 6.02 mc. heard at 8:00 P.M., off schedule, (Woodward, Mass.)

England. Mail from England is very slow now and we only received the program sheet for December 25th as we go to press. It does not show station GSA on 6.05 mc., GSW on 7.23 mc. and GRX on 9.69 mc., all of which were heard last month. Our list is a combination of what members report to us and what we receive in the bulletins published by the B.B.C. GSO, 15.17 mc., heard at 8:45 A.M. (Woodward, Mass.)

Denmark. OZF, Skamlebaek, on 9.52 mc. sends veri saying 8:00 to 8:30 P.M. for South American fans and 9:30 to 11:00 P.M. for North American fans, (Robinson, Iowa).

Russia. An official program tells us the following stations are broadcasting programs:

7.36 mc.—4:00 to 5:00 P. M. Sundays.

7.52 mc.—3:00 to 6:15 P. M. daily (English at 4:30).

8.06 mc.—3:00 to 3:30 P. M. daily.

11.63 mc.—At 3:00 A.M. and 6:00 A. M. daily.

11.90 Mc.—4:00 to 5:00 P. M. daily.

14.72 mc.—5:30 to 6:30 A. M. daily.

15.58 mc.—At 7:00 A. M. daily.

Member Boothroyd says the station on 7.36 mc. is RWG, Moscow, and it was heard at noon. Members Callan and Stockbridge report a station on 11.65 mc. at 6:00 A.M.

France. A new Parisian station is on 11.843 mc. from 12:30 to 1:30 P. M. and again later in the afternoon when it joins TPB12 on 11.88 mc. And one on 9.68 mc. is heard at 6:00 P.M. (Callan, Mass.) TPB12 on 11.88 is used 1:00 to 4:00 A.M. daily; TPB11 on 7.28 mc. is used 1:00 to 4:00 daily; TPB3 on 17.85 mc. is used 5:00 to 10:00 P.M. daily, and the new address of all French broadcast stations is 103 Rue de Grenelle, Paris, (Boothroyd, England).

Spain. Radio Malaga, on 7.22 mc. heard between 3:30 and 6:00 P.M. often, (Bird, Delaware). EAJ9, Malaga, on 7.22 mc. till 6:00 P.M. (Legge, N. Y.) EAQ, Madrid, on 9.86 mc. signed off at 8:24 P.M. according to member Zimpleman, which makes the schedule sent us last month by one member wrong.

SOUTH AMERICA

Argentina. LRA5, Buenos Aires, on 17.83 mc. heard from 3:00 to 5:00 P.M. Fridays, (Anthony, D. C.) LRA2, 6.185 mc. is on the air some evenings 5:30 to 9:00 P.M. LRX, Buenos Aires, on 9.66 mc. heard signing off at 10:10 P.M., not 1:00 A.M. (Dement, Pa.) Note—LRX may leave the air at any hour of the day, or remain on.

Bolivia. CP-5 La Paz, heard on 6.20 mc. weakly, around 9:00 to 11:00 P.M. often, (Legge, N. Y.)

Brazil. Telephone station PSA, Rio de Janeiro, on 21.08 mc. heard broadcasting in Italian, 11:00 A.M. to noon, (Boothroyd, England). PSK, Rio de Janeiro, on 8.20 mc. is relaying the programs of PSH around 6:00 to 7:00 P.M. (Callan, Mass.) PSE, same city, on 14.94 mc. also is heard around 7:00 to 8:00 P.M. at times. PRA-8, Pernambuco, on 6.02 mc. heard signing off at 9:00, not 8:00 P.M. as listed, (Bird, Del.)

Chile. CB-1174, Santiago, "Radio Houcke" relays CB-93 from 6:00 to 10:30 P.M. and is reported about once a year. CB-960, Santiago, on 9.60 heard till 10:00 P.M. instead of just 8:30 P.M. (Dement, Pa.)

Colombia. HJ6ABA, at Pereira, heard on 6.05 mc. till 9:45 P.M. (Lundberg, Minn.) Uses call HJFA, slogan "La Voz de Pereira" (Legge, N. Y.) HJDU, old HJ4ADU, Medellin, finally moved from 8.65 mc. to 4.805 mc. last month, (Oxrieder, C. Z.) HJ4DAE, Medellin, on 6.14 mc. is using the call HJDE now, (Legge, N. Y.) HJ4DAX, Medellin, (we have no record of this one) is heard on 4.785 mc. evenings, (Legge, N. Y.) HJFK, La Voz de Amiga, at Pereira, is now on 4.864 mc. nights and 9.73 mc. days, starting up around 7:00 A.M. They verified, giving power at 2,500 watts, (Legge, N. Y.) Note—The veri did not say 9.73 mc., and since Colombian stations are NOT supposed to be near 9.73, we still wonder if this is a harmonic,

the same as HJCF, Bogota, is heard on 9.70 as well as 4.87 mc.

Venezuela. YV5RW, Caracas, heard on 3.40 mc. 8:00 to 9:30 P.M. and YV5RV, La Guara, heard on 3.50 mc. 7:00 to 9:00 P.M. (Legge, N. Y.) YV5RH, Caracas, on 4.95 mc. and YV5RU, on 4.82 mc. have disappeared, (Oxrieder, C. Z.) Note—YV5RH is on 4.83 mc.—Editor. YV5RY, Caracas is on 4.76, not 4.79 mc. (Oxrieder). YV5RO, Caracas, is on 4.94 mc. and YV4RO, Valencia, is on 4.95 (Gallagher, Calif.) YV5RO is heard on 5.94 mc. at Caracas. YV4RP, Valencia, on 4.93 mc. signs off at 10:00, not 10:30 P.M. YV1RJ, Coro, on 4.97 mc. signs off at 10:00 P.M. and YV3RX, Barquisimeto, on 4.99 mc. signs off at 9:30 P.M., not 10:00 P.M. (Lundburg, Minn. Quite a mixed-up affair.

Peru. OAX1A, Chiclayo, moved from 6.18 to 6.335 mc. (Legge, N. Y.)

CENTRAL AMERICA

Mexico. XEQQ, Mexico City, was heard on 9.68 mc. from 7:00 P.M. to midnight in spite of Paris being on this wave, and they verified, writing 968, without putting in the period, giving address as Radio Panamericana S. A., Mexico, D. F. Mexico, (Stockbridge, Mass.) Heard till 1:05 A.M. (Fister, N. Y.) Heard at 11:00 P. M. (Werner, Calif.)

Costa Rica. TIPG, San Jose, on 9.62 mc. has a program in English, Wednesdays and Saturdays starting at 8:00 P.M. (Graulich, N. J.) Is heard from 7:00 to 9:30 A.M. now in addition to evening prgrams, (Stockbridge).

Nicaragua. YN1GG, Managua, on 6.51 mc. heard at 8:55 P.M., list shows just to 8:00, (Zimpleman, Ind.) YNLG, Leon, is on 7.66 mc. most evenings and on 13.90 mc. about every Saturday. A station YN1IP, Managua, was heard on 7.284 mc. some time ago and veri said programs Sundays 10:00 to 11:00 A.M. (Oxrieder, C. Z.) Heard once at 9:45 P.M. (Legge, N. Y.)

Panama. HP5J, Panama City, moved for a time between WCAB and CB96O on about 9.59 mc. from 9.61, (Waite and Bird). HP5F, Colon, is on 6.05 mc., not 6.08 (Oxrieder, C. Z.)

WEST INDIES

Haiti. HH3W, Port-Au-Prince, is now on 6.35 mc. and 9.79 mc. simultaneously till 9:00 P.M. (Legge, N. Y.) Comes on at 6:00, not 7:00 P.M. (Edwards, Pa.)

Cuba. COXZ, Havana, is on 4.30 mc. from 6:00 P.M. to 10:35 P.M. (Edwards, Pa.) Relays CMZ as early as 4:30 P.M. (Bird, Del.) Has a harmonic on 8.58 mc. that can be heard as well as on 4.29 mc. (Legge, N. Y.) COCQ, Havana, is on about 6.38 mc. as well as 8.83 mc. and a harmonic of their long wave station also falls near 49 meters. (Oxrieder). COCQ heard on 6.36 mc. (Casals, Dom. Rep. and Gallagher, Calif.) COHI, Santa Clara, moved from 6.47 to 6.44 mc. (Oxrieder, C. Z.) COGF, or some station on old channel heard announcing "RHC, Radio Habana" (Oxrieder).

Dominican Republic. HI1J, San Pedro De Macoris, is on 5.96, not 5.91, closed down at 7:35 P.M., not 10:00 P.M. (Stockbridge, Mass.) Heard on 5.957, (Oxrieder and Gallagher). HIH, Trujillo, moved from 6.78 to 6.807

mc. (Oxrieder). HI2X, Trujillo, on 11.97 mc. heard daily except Thursdays and Sundays, 5:00 to 6:00 P.M. while list shows only two days 8:00 to 10:15 P.M. (Woodward, Mass.) HI3U, Santiago, verie says daily 7:30 to 9:15 A.M., noon to 2:00 P.M. and 5:00 to 7:00 P.M. (Stockbridge, Mass.) HI2M, San Pedro De Macoris, heard on 6.99 mc. 8:00 to 8:40 P.M. (Stockbridge and Oxrieder).

Jamaica. Amateur Valwood Vermont of VP5PZ, Chapelton, has received permission to broadcast Fridays 4:30 to 5:15 P.M. on 4.80 mc.

NORTH AMERICA

U. S. A. Station on 21.63 mc. is WRCA, not WNBI as listed, (Werner, Calif.) W1XAL uses both WRUL and WRUW as call-signs on same frequencies. WGEA, Schenectady, on 15.33 mc. is heard as early as 8:00 A.M., but list shows starting at 11:45 A.M. (Boothroyd, England). KEE, California telephone station on 7.75 mc. heard sending broadcasts around 11:30 P.M. (Greenman, N. J.) Heard every Friday on 7.70 mc., 12:30 to 1:00 A.M. with programs for Hawaii, (Werner, Calif.) KGEI on 9.53 mc. replaced KGEI on 6.19 mc. from midnight to 3:00 A.M. (Bird, Del.) WDJM, Miami, Florida, on 6.04 mc. heard 9:00 P.M. to midnight, (Anthony, D. C.) Heard till 1:00 A. M. (Graulich, N. J.)

Hawaii. HKE, Honolulu telephone station, on 17.95 mc. and HKQ on 14.90 mc. relay programs from station KGMB Saturdays at 8:30 P. M. (Gallagher, Calif.)

Canada. CJRX, Winnipeg, Manitoba, on 11.72 mc. used call CJRC and heard at 9:40 P.M., when sign-off is supposed to be 8:30 P.M., and sister station CJRO on 6.15 mc. heard at 8:34 P. M., when supposed to start at 9:00 P.M. (Woodward, Mass.)

Newfoundland. Verifications from VONG, St. Johns, says they are on 5.97 mc. (some others say 9.745 mc.) with 300 watts power relaying VONF. The schedule is week-days 10:00 A.M. to 2:00 P.M. and 6:00 P.M. to 11:00 P.M. Newfoundland time, a half hour faster than E.S.T. The Broadcasting Corporation of Newfoundland are the owners and the address is P. O. Box E5372, St. Johns, (Stockbridge, Robinson, Schubert, Leggs and Edwards). Heard on 9.74 mc., 2:00 to 3:15 P.M., off schedule often, (Hutchinson, N. H.) Heard on 9.475 mc. (Stockbridge, Mass.) Heard positively on 9.57, not 47 nor 74, (Boothroyd, England). Since last June this station has been reported on sixteen different frequencies. What two are correct?

Late News Flashes. News received too late to be classified. Station HNF, Baghdad, Iraq, is operating on 9.683 mc. irregularly, 6:00 A.M. to 3:00 P.M., with best time to dial 2:00 to 3:00 P. M.

Some member who has earned the right to kick us for forgetting his name sent us this. ZIO, Nassau, Bahamas, heard on 8.14 mc. Twenty-one boats identified on 2.739 mc. using phone. DZE, Germany, near 10.00 mc. used nightly to broadcast to America. TILS, San Jose, Costa Rica, on 6.16 mc. heard at 7:30 A.M. A veri from MTCY on 11.775 mc. same as we show except that city is spelled Hsinking, not Hsingking.

From member Legge comes a word that HJDX, "La Voz de Montana," at Medellin, Colombia, is heard on 4.795 mc. till 10:30 P.M. Member Oxrieder tells us that he heard Moscow on 7.52 mc. at 6:45 P.M. that

HJCF, Bogota, on 9.70 mc. is not a harmonic but that HJFK, Pereira, on 9.73 mc. positively is a harmonic.

WITH THE REPORTERS

We give thanks to the following persons for sending in material that aided us in presenting this issue of the magazine: Charles M. Robinson, Waterloo, Iowa; S. Boothroyd, Uppermill, Lancs, England; W. Frank Watkins, Hastings, Barbados; William E. Bird, Jr., Wilmington, Delaware; J. B. Grenman, New Jersey; David C. Traister, Chicago, Illinois; Captain George McDermott, Staten Island, N. Y.; Willis Werner, San Diego, Calif.; Andree Maurice, Woodside, N. Y.; Larry Lundburg, Minneapolis, Minn.; Jacob Zimpleman, Wabash, Indiana; Hilding Westerberg, Roxbury, Mass.; Roger Legge, Jr., Binghamton, N. Y.; Joseph Graulich, Arlington, N. J.; Walter Lovelace, Liverpool, N. S., Canada; Leon A. Hutchinson, Milford, New Hampshire; F. E. Woodward, Malden, Mass.

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INTERNATIONAL



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THE VOICE OF THE
INTERNATIONAL SHORT WAVE CLUB

EAST LIVERPOOL, OHIO, U. S. A.

SHORT WAVE NEWS

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.

Stations Under Construction

Little America. Admiral Byrd's Expedition will have three commercial and three amateur calls. Amateur calls will be KC4USA at the West Base, KC4USB at the East Base, and KC4USC on the snow cruiser. Commercial calls will be KTRK West Base, KTRC East Base and KTRA on the snow cruiser, (Graulick, N. J.) The expedition will have sixteen com-

mercinal frequencies and will operate on the 20, 40 and 80 meter bands as an amateur station contacting amateur stations the world over. (Editor). KTRC, KTRK and KTRA will use the following frequencies when working each other. 6.42 mc., 9.13 mc., 11.06 mc., 12.84 mc., 23.00 mc. and 30.66 mc.

Cuba. A station COCN, Havana, is supposed to open on 9.437 mc. soon. Greece. Two new transmitters of high power will operate from Sparta as follows: 6.885—SVD; 7.228—SVL; 7.805—SVG; 9.03—SVH; 9.695—SVI; 9.825—SVJ; 9.935—SVM; 10.705—SVN; 12.195—SVP; 13.64—SVQ.

Belgium. A new transmitter at Ruysselede, the home of ORK, will soon operate on 11.85 mc. and will have 45,000 watts power.

Cincinnati, Ohio. The new WLWO, 50,000 watt transmitter is nearing completion and will be heard soon. With beam antennas this new station may operate as follows: 6.06 mc., 9.59 mc., 15.27 mc. and 21.56 mc.

New Zealand. We have two different reports on stations under construction at Wellington. From New Zealand came word that around January first a new station will go on the air. Wavelengths are ZL-1 on 9.54 mc., ZL-2 on 11.78 mc., ZL-3 on 15.28 and ZL-4 on 17.77. Member Fister says it is ZL-1 on 6.08 mc., ZL-2 on 9.54 mc., etc.

Senegal. Rumors prevail that shortly a new 10 kw. short wave broadcast station will commence operations at Dakar. It will be under the supervision of the Minister des Postes et Telegraphes.

Chile. CB-946, Santiago, a new 5 kw. station to operate on 9.46 mc. is under construction.

Iran. Iron will have two transmitters on the air very soon. EQB on 6.55 mc. with 2,000 watts power, and EQC on 9.68 mc. with 20,000 watts power. (Boothroyd, England). We have word that the transmitters were shipped early in January. (Editor).

Spain. The new government has ordained that a new 40 kw. transmitter, to operate on several frequencies be built.

Venezuela. A transmitter to be operated by the Director of Radio Communications at Caracas will operate on 6.172 mc. (YVKF) 9.64 mc.

NEW STATIONS HEARD

Colombia. HJCP, Bogota, heard on 9.63 mc., or 31.15 meters. Is operated by government. Opened February 1st. Schedule is 9:00 A.M. to 2:00 P.M. and 5:00 P.M. to midnight, (Villalobos, La.) Call is HJCT, relays HJCR, has powerful signal in Texas, (Oliver, Texas; Fellows, N. J.).

Australia. A station using call VLT-5 or VLQ-5 was on 9.59 mc., now on 9.65 mc., relaying same program as VLQ on 9.61 mc. from 7:00 to 10:30 A.M. (Ebbecke, Pa. and Oliver, Texas).

Nicaragua. YNJAT, Leon, operated by Jose Agustin Tijerino, is on 5.758 mc. between 7:00 and 10:30 P.M. weekdays. This is not the Leon station on 7.66, (Legge, N. Y.)

China. Unidentified station on 6.00 mc. heard at 7.00 A.M. Another one on 11.65 mc. broadcasting daily 7:00 to 9:00 A.M., using English at

8:10 A.M. Some station on 7.96 mc. 7:30 to 8:30 A.M. may be in China. (Legge, N. Y.) (An official communication from China says that although other stations from China may be heard, the only official government station operated by Chinese are XGOY, XGOX and XPSA).

Mozambique, Africa. The Radio Club of Mazambique, P. O. Box 594, city of Lourenco Marques, operates CR7AB (3.49 mc.) CR7AA (6.13 mc.) CR7BE (9.64 mc.) CR7BD (15.25 mc.) and CR7BH (11.72 mc.) The best signal ever to come from an African station is heard every afternoon on 9.64 mc. from 2:00 P.M. to 4:00 P.M. Everyone in America should be able to hear it. A woman does the English announcing, and chimes are used as an interval signal. Every Saturday at 3:00 P.M. they acknowledge reports over the air. CR7BD on 15.25 was also heard for a time 2:00 to 4:00 P.M. CR7BD was reported on 11.49 or 11.50 mc. instead of 11.72, from 12:30 to 1:30 A.M. CR7BE heard by members Maurice, Legge, Hutchinson, Baines, Clark, Ebbecke, Gallagher.

Barbados. The government operates a station on 3.95 mc. which broadcasts daily 6:30 to 7:00 P.M., giving news, (Watkins, Barbados).

Salvador. YSW, San Salvador, is on 6.145 mc., 9:30 to 10:00 P.M., was opened in November, (Graulich, N. J.)

Mexico. XEHX or XDXH, "La Banco Nacional de Mexico," location unknown, heard testing on 11.11 mc. evenings, (Oxrieder, Canal Zone).

Mexico. XEKW, "El Eco de Michoacan." Morelia. Michoacan, owned by Ing. Jose Martinez Ramirez, is on 6.03 mc., 10:00 to 11:00 P.M. broadcasting and verified promptly, (Legge, N. Y.)

Nepal. A station on 14.78 mc. is reported at 4:00 A.M. and near 9:30 P.M. supposed to be at Katmandu, Nepal.

Reunion. Is there really a station here? Was reported a year ago by one party, but never since. Is supposed to be on 4.807 mc. and 9.615 mc. now. Located at St. Denis, Reunion Island, near Madagascar.

GENERAL NEWS

OCEANIA

VLQ, 9.615 mc., Sydney, broadcasts 2:00 to 4:00 A.M. for Europe, 6:30 to 6:50 A.M. for South America; 7:00 to 8:00 A.M. for North America; 8:15 to 8:45 A.M. for Asia; 10:30 to 11:30 A.M. for Western North America. (Baines, Kane, Zimpleman, Clark, Callan, Traister, Werner, Maurice, Legge, Lovelace). VLQ-2, same city, on 11.87 mc. broadcasts 2:30 to 3:30 A.M. for Europe. (Member Callan reports it 2:00 to 3:45 A.M., also says VLQ on 9.61 mc. is heard 4:15 to 5:45 A.M.) VLW-3, Waneroo, is on 11.83 mc. 12:30 to 1:30 A.M. for Africa. (Member Ebbecke says it is heard till 10:30 A.M. week-days and 9:30 A.M. Sundays, usually). VLR, Melbourne on 9.58 mc. broadcasts 9:00 to 9:30 A.M. for East Indies, and VLR-3 on 11.88 mc. 6:35 to 7:00 P.M., not A.M. for Asia. This schedule, in printed form, comes from member Keast of Australia, who adds that VK2ME, VK3ME, VK6ME, VK9MI and VPD2 are still off the air. A new station, using the call VLT-5 or VLQ-5 is on 9.59 mc. along with VLQ on 9.16

mc. between 7:00 and 8:00 A.M. (Ebbecke, Pa. and Oliver, Texas). Member Gallagher says VLR-3 was heard on 11.85 mc. between 6:00 and 7:00 P.M., not A. M. This is a new time and new frequency. VLW-3 on 11.83 tested once, 12:30 to 1:18 P. M., not A. M. (Gallagher, Calif.)

AFRICA

Algeria. Telephone station TPZ 2, Algiers, on 8.96 mc., broadcasts Tuesdays and sometimes Saturdays from about 12:30 to 1:30 P. M.

French Somaliland. FZE, Djibouti, on 17.28 mc., a telephone station, broadcasts Mondays through Fridays 8:00 to 8:30 A. M. now, (Boothroyd, England).

Union of South Africa. George K. Mallory of Kingwilliamstown, South Africa, sends us this official list of stations. He says that almost all stations are testing at unusual hours just now.

ZTD, Durban II, 4.878 mc., 500 watts, silent.

ZRI, Johannesburg V, 4.954 mc., 200 watts, experimental.

???, Capetown, 6.00 mc., experimental.

ZRH, Johannesburg IV, 6.00 mc., 5,000 watts; nights.

ZRH, Johannesburg V, 6.00 mc., 200 watts; days.

ZRK, Capetown III, 6.097 mc., 5000 watts; nights.

ZRH, Johannesburg V, 6.097 mc., 200 watts; days.

ZRD, Durban III, 6.147 mc., 300 watts; nights.

ZRG, Johannesburg IV, 9.52 mc., 5000 watts; days.

ZRL, Capetown III, 9.606 mc., 5000 watts; days.

ZRO, Durham II, 9.75 mc., 500 watts; day and night.

ZTJ, Johannesburg V, 9.909 mc., 200 watts; experimental.

ZTE, Durban III, 11.80 mc., 300 watts; days.

A complete new list of schedules for these stations is shown in our station list. Although one station may operate on two frequencies and relay two stations, the list has been simplified by us.

ASIA

Iraq. HNF, Baghdad, on 9.683 mc. heard irregular 6:00 A. M. to 3:00 P. M., with best time to dial 2:00 to 3:00 P. M.

China. XGOX, Szechwan, has discontinued tests on 9.50 mc., 9.65 mc. and 9.56 mc.. Was heard 1:00 to 3:00 A.M. and 9:00 to 9:30 A.M. Now using 15.20 mc. from 8:30 to 10:30 P.M. instead of 9:00 to 11:00 P. M. (Gallagher, Calif.) XGOY using 11.90 mc., 5:30 to 11:50 A.M. and 2:00 to 6:20 P.M., with English at 5:00 P.M., 6:15 A.M. and 9:00 A.M. (Ong, Ariz.) New schedule on 15.20 mc. now is 9:00 to 10:45 P.M. (Ong.) Will soon broadcast twenty-four hours a day, (Graulich, N. J.) XMHA, Shanghai, on 11.86 mc. is operated by the Japanese and heard 5:00 to 11:00 A. M. See new station department for further Chinese station news.

India. Listeners should dial on 15.16 mc., 9.59 mc. and 9.55 mc. between 9:30 and 10:30 P.M. and 6:30 and 9:30 A.M. for Indian stations, and on 4.96 mc., 4.82 mc. and 4.88 mc. from 7:30 A.M. to 11:00 A.M. for others. VUD-2, Delhi on 9.60 mc; VUD-3 on 15.30 mc. both heard till 1:00 P.M. and some other Indian station heard on 15.40 mc. at noon once. VUD-2 and VUD-3 both off schedule, (Gallagher, Calif.).

Japan. Schedule for February is JVW on 7.257 mc., 2:00 to 4:00 P.M. JZI on 9.53 mc., 7:00 to 9:30 A.M. and 2:00 to 4:00 P.M., JZJ on 11.80 mc. midnight to 1:30 A.M., 7:00 to 9:30 A.M. and 4:30 to 5:30 P.M.; JZK on 15.16 mc., 4:30 to 5:30 P.M. and 8:00 to 9:00 P.M. This last program is for America.

Iraq. Some station on 7.87 mc. using Arabic and believed to be YI5KG, Baghdad heard 1:45 to 4:30 P. M. (Boothroyd, England).

Thailand. A letter just received says HS8PJ on 9.51 mc. is now silent, that HS6PJ on 19.02 mc. is used Mondays 8:00 to 10:00 A.M. and a new station HSP6 on 7.968 mc. broadcasts daily except Mondays, 8:00 to 10:00 A. M. (Clark, N. Y.)

Dutch East Indies. Telephone stations at Samatra have changed calls from YBG and YBF to YBF-3 and YBF-4, address of YCP, Balikpapan, Borneo, and PNI, Makasser (now YFA-3) is Engineer-in-Chief, Third Telegraph District, Makasser, Celebes, N. E. I. (Gallagher, Calif.)

Manchuckuo. MTCY, Hsinking, is operated on 6.12 mc. and 11.775 mc. A verification is from the Manchuria Telephone and Telegraph, Daido-Taigai, Hsinking. Schedule for 11.775 is 1:30 to 2:30 A.M. (for America) 9:50 to 10:55 A. M. and 4:00 to 4:55 P. M. (Oliver, Texas and Clark N. Y.)

Indo-China. Radio Saigon, Saigon, is heard on 11.78 mc. now, 11:00 P.M. to 12:45 A.M. and 6:00 to 11:00 A.M., signing off with French National anthem. A veri said they were on 6.116 mc. with English programs daily 6:00 to 6:45 A.M. with a "Mail Bag" program Tuesdays. We read that they have discontinued using 6.11 mc., but member Callan says they are on both 6.116 and 11.78.

EUROPE

Finland. The short wave station was struck by a bomb on January 12th, (Callan, Mass.) We have no reports on any Finnish station since the Russian invasion. The list includes OFD on 9.50 mc., OFE on 11.78 mc., OIH on 17.80 mc., and OII on 21.55 mc.

Italy. Every month the EIAR send us what is supposed to be a complete schedule of programs and stations. The latest one shows IQY from 7:00 to 9:00 P.M., 2RO-15, 2RO-12, 2RO-16; 2RO-14 not used at all. However IQY is not used at this time and these other stations are on the air. 2RO-9 on 9.67 mc. has replaced IQY, 6:00 to 9:00 P.M. (Ebbecke, Pa., Nichols, Pa.) 2RO-15 on 11.76 mc. heard 8:00 to 11:45 A.M. and 6:00 to 9:00 P.M. (Ebbecke, Pa.) Heard 6:00 to 9:00 P.M. (Gallagher, Calif.) Heard at 2:00 P.M. (Graulich, N. J.) 2RO-14 on 15.23 mc., not 15.24, heard 8:00 to 11:45 A.M. (Ebbecke and Nichols). 2RO-3 on 9.64 mc. heard at 1:40 A.M. off schedule, (Nichols). Many other reports were given in our last issue.

Switzerland. The Swiss stations are rented to relay programs from Europe and may be heard on a very irregular schedule. HBL on 9.34 mc., is reported every Monday and Wednesday 8:45 to 10:00 P.M. now, (Ebbecke, Pa.) HBP on 7.797 mc., not reported in many months, was heard at 6:45 P.M. once by member Oliver of Texas.

Germany. DZC, on 10.29 mc. heard 9:45 to 10:30 P.M., using Spanish and German, (Graulich, N. J.) Heard 4:50 to 10:45 P. M. now, (Ebbecke,

Pa.) DZD, a new station, heard on 10.543 mc. 6:00 to 7:00 P.M. once, (Ebbecke, Pa.) DXB moved from 9.61 to about 9.59 mc. (Stark, Mo.)

England. Since British stations are always changing, and the list they mail out is always out of date before it reaches us, we can only list stations as best we can. Member Nichols reports GSW on 7.23 mc. at 1:30 A.M. off schedule.

France. Paris is now using a new station on 9.52 mc., from 4:00 P.M. to 12:30 A.M. next day. Stations on 9.52 mc., 11.88 mc. and 11.72 mc. are used 8:00 P.M. to 12:30 A.M. (Stark, Mo.; Callan, Mass.; Nichols, Pa.; Baldwin, N. Y.; Adler, N. Y.; Oliver, Texas; Ebbecke, Pa.) Another station heard on 11.84 mc., 10:30 A.M. daily (Ebbecke). Heard 1:40 till 2:30 P.M. (Graulich, N.J.) Heard 3:00 to 4:00 P.M. (Baldwin, N. Y.). Announces 11.85 mc., 25.33 meters (Graulich). Paris was also heard on 17.77 mc., a new frequency, at 10:00 A.M. and also on 9.68 mc. at 10:30 A.M., off schedule, (Ebbecke).

Russia. Moscow is now heard testing on a great many frequencies. From 7:00 to 8:00 A.M. they are on 11.91 mc., 11.89 mc., 11.70 mc. and 11.64 mc. They were also on 11.91 mc. at 5:30 P.M. Another one was on 7.55 mc. announcing 39.75 meters, from 7:15 to 9:00 P.M. (Ebbecke, Pa.) Was on 7.52 mc. at 6:45 P.M. once, (Oxrieder, C. Z.) Other stations listed in their bulletin that may be called "irregular" are:

RWG 7.36 mc.—4:00 to 5:00 P. M. Sundays.
 7.52 mc.—3:00 to 6:15 P. M. daily (English at 4:30).
 RKE 8.06 mc.—3:00 to 3:30 P. M. daily.
 11.63 mc.—At 3:00 A.M. and 6:00 A. M. daily.
 RWG 11.90 Mc.—4:00 to 5:00 P. M. daily.
 14.72 mc.—5:30 to 6:30 A. M. daily.
 15.58 mc.—At 7:00 A. M. daily.

Member Boothroyd says the station on 7.36 mc. is RWG, Moscow, and it was heard at noon. Members Callan and Stockbridge report a station on 11.65 mc. at 6:00 A.M.

Spain. Radio Malaga, on 7.22 mc. heard between 3:30 and 6:00 P.M. often, (Bird, Delaware). EAJ9, Malaga, on 7.22 mc. till 6:00 P.M. (Legge, N. Y.)

Holland. PCJ on 9.56 mc., PCJ-2 on 15.22 mc. and PHI-2 on 17.77 mc. all operate on an irregular schedule, changing about once each week. You can hear any of them not on the schedule we show. PCJ-2 used daily 7:40 to 10:00 A.M. (Ebbecke, Pa.)

Ireland. Ireland is using 9.595 mc. only now, having discontinued their 17.84 mc. frequency. The schedule is 7:30 to 8:30 A.M., 9:00 to 10:00 A.M., 2:30 to 4:30 P.M. and 5:00 to 6:00 P.M. (Boothroyd, England).

Hungary. HAD, Budapest, up to December 16th, broadcast as follows: 21.63 mc., noon to 3:00 P.M., 11.95 mc. 3:00 to 6:00 P.M., 9.625 mc. 6:00 to 9:00 P.M. and 7.22 mc. 9:00 P.M. to midnight, (Legge, N.Y. and Callan, Mass.) Heard on 21.63 and 7.22, (same reporters).

Sweden. Stations SBU on 9.53 mc. and SBP on 11.71 mc. now broadcast every day 8:00 to 9:00 P.M. instead of SBP and SBT on 15.15 mc. broadcasting Wednesdays and Saturdays only, (Westerberg, Mass.)

Portugal. Two new stations, CSW-4 on 15.21 mc. and CSW-5 on 11.84 mc. heard around 11:00 A.M. to 3:00 P.M. (Boothroyd, England) CSW-6 on 11.04 mc. used 1:00 to 3:30 P.M. and CSW-7 on 9.74 mc. used 4:00 to 8:00 P.M. now (Edwards, Pa.) CSW-8 on 7.26 mc. used Tuesdays, Thursdays and Saturdays 4:05 to 5:00 P.M. (Iball, England). CSW-6 used noon to 3:00 P.M. week-days, noon to 4:45 P.M. Sundays. CSW-7 used 3:15 to 9:00 P.M. Sundays, (Ebbecke, Pa.)

SOUTH AMERICA

Argentina. LRA-1, Buenos Aires, on 9.69 mc. broadcasts week-days 9:30 A.M. to noon and 3:00 to 8:00 P.M., Saturdays and Sundays 9:30 A.M. to noon and 6:00 P.M. to 8:00 P.M. LRA-2 on 6.18 mc. broadcasts week-days 5:00 to 8:00 P.M., Saturdays and Sundays 6:00 to 8:00 P.M. LRA-5 on 17.83 mc. broadcasts Fridays only 4:00 to 4:30 P.M. (Callan, Mass.) LRX, Buenos Aires, on 9.66 mc. may leave the air at any moment from 6:00 P. M. to 2:00 A. M., so we list it till 2:00 A. M.

Brazil. Telephone station PSA, Rio de Janeiro, on 21.08 mc. heard broadcasting in Italian, 11:00 A.M. to noon, (Boothroyd, England). PSK, Rio de Janeiro, on 8.20 mc. is relaying the programs of PSH around 6:00 to 7:00 P.M. (Callan, Mass.) PSE, same city, on 14.94 mc. also is heard around 7:00 to 8:00 P.M. at times. PRA-8, Pernambuco, on 6.02 mc. heard signing off at 8:00, not 8:00 P.M. as listed, (Bird, Del.) PSH, on 10.22 mc. broadcasts from 6:00 to 7:00 P.M. every day and some days till 9:00 P.M.

Chile. CB-960, Santiago, on 9.60 mc. broadcasts till 11:00 P.M., not just 10:00 P.M. (Graulich, N. J.)

Colombia. HJAG, Barranquilla, "Emisoras Atlanticos" heard on new frequency of 9.81 mc. at 5:55 P.M. signing off at end of test, (Callan, Mass.) This could not be a harmonic of their regular wave, 6.04 mc.—Editor. HJDX, formerly HJ4DAX, "La Voz de Montana," at Medellin, heard on 4.795 mc., 5:00 to 10:30 P.M. (Legge, N. Y.) We always thought this was HJDU.—(Editor). HJCF, Bogota, on 9.70 mc. is not a harmonic, (Oxrieder, C. Z.) HJFK, "La Voz Amiga" at Pereira, is on 4.865 mc. and 9.73 mc. They open on 9.73 mc. at 7:00 A.M. daily and are heard on 4.865 mc. between 6:00 and 10:30 P.M. The 9.73 mc. wave is not a harmonic, (Legge, N. Y.; Callan, Mass.; Villalobos, La.) Heard on 9.73 between 6:00 and 8:00 P.M. (Gallagher, Calif.)

Ecuador. HC1PM, Quito, on 5.73 mc. is now broadcasting Mondays, Tuesdays, Thursdays and Saturdays 8:00 to 10:00 P.M. instead of just Mondays, (Legge, N. Y.)

Venezuela. YV5RH and YV5RO, both in Caracas, must have exchanged frequencies as 5RH is on 4.92 mc., 5RU on 4.83 mc. now, (Legge, N. Y.) YV5RS, Caracas, "La Voz de la Philco" heard signing off at 9:30 P. M., list shows midnight, (Lundberg, Minn.) We would like to get YV5RO, Caracas, and YV4RO, Valencia, straightened out and ask readers for help. 5RO has been reported on 4.94 mc., 4.95 mc. and 5.94 mc. YV4RO has been reported on 4.95 and 4.94 mc.

Uruguay. CXA-7, Montevideo, is on 11.48 mc. relaying CX-36 evenings, (Oxrieder, C. Z.) CXA-14, Colonia, is on 11.827 mc. relaying LR-5, Buenos Aires, 7:00 to 8:00 P. M. (Legge, N. Y.)

CENTRAL AMERICA

Costa Rica. TILS, San Jose, on 6.16 mc. heard at 7:30 A.M. (Oliver, Texas). TIGPH, San Jose, on 5.82 mc. till midnight, not 11:00 P.M. TIEP, San Jose on 6.69 mc. at 7:15 A.M. and after midnight, both off schedule.

Guatemala. TGWA, Guatemala City, on 9.68 mc. comes on at 10:00 P.M., not 7:00 P.M. every night, (Zimpleman, Ind.)

Nicaragua. YN1GG, Managua, is on 6.54 mc., not 6.51, (Lundberg, Minn.) YNOP, Managua on 6.85 mc. heard sending special program from 1:00 to 2:15 A.M. one Sunday, (Graulich, N. J.) A station YN1IP, Managua, was heard on 7.284 mc. about three months ago at 9:45 P.M. (Legge, N. Y.) Veri said programs every Sunday 10:00 to 11:00 A.M., (Oxrieder, C. Z.)

Mexico. XETA, Monterrey, has moved to 9.55 mc. and was heard 1:00 to 5:15 P.M. one Saturday and 9:30 A.M. to 2:15 P.M. one Sunday, when they signed off both times, (Oliver, Texas). Heard mornings, (Clark, N.Y.) Address is Box 203, Monterey, (Editor). XEBT, Mexico City on 6.00 mc. heard till 1:45 A.M., list shows midnight, (Oliver, Texas). XEUW, Mexico City, on 6.02 mc. till 2:00 A.M. Sunday mornings, (Oliver, Texas).

Salvador. YSP, "La Voz de Cuscatlan" on 10.40 mc. heard at 6:15 P.M., off schedule, (Bird, Del.)

Panama. HP5B, Panama City, on 6.03 mc. signs off at 10:30, not 10:00 P.M. (Graulich, N. Y.)

WEST INDIES

Bahamas. The station on 8.14 mc. at Nassau heard testing around Christmas and mentioning stations ZIO on 8.14 mc., ZSS-2 on 5.00 mc., ZFR on 3.00 mc. and ZNS-2 on 6.30 mc. were merely testing and a letter says they are no longer broadcasting. The letter mentions a ZFR on 3.125 mc. that was in the list, (Fountain, Texas). ZNS, Nassau, on 6.09 mc. is heard till 10:00 P.M. or later, (Stark, Mo.) Heard at 7:45 P.M. veries say 8:00 to 9:00 P.M. (Nichols, Pa.)

Cuba. COX-7, Havana, is on 4.29 mc. daily 6:00 to 8:00 P.M. and at times from 4:30 to 10:30 P.M. COX-4 on 6.39 mc. broadcasts daily 4:00 to 6:00 P.M. Both are operated by the Military section of the Cuban Government. COX-7 has been heard by many. It has a harmonic on 8.58 mc. that can be heard well, (Legge, N. Y.) All Cuban stations have a bad habit of moving around, we just list the most likely place to hear them, the place where they are usually at. COCM is on 9.833, not 9.31, (Bird, Del.) COCX is on 9.24, (Gallagher). COBX is on 9.125 mc., not 9.15, (Callan, Mass.) COHI is now on 6.41, not 6.47, (Lundberg, Minn.) The Cuban roaming between 6.36 and 6.40 mc. is CMQD, they announced in English, (Gallagher, Calif.)

Dominican Republic. HI9B, Santiago, on 6.39 mc. signs off at 9:00 P.M., list shows 10:00 P.M. HI1J, San Pedro De Macoris, on 5.96 mc. signs off at 8:17 P.M., list shows 10:00 P.M. HI1L, Santiago de los Caballeros, on 6.49 mc. signs off at 7:34 P.M., list shows 10:00 P.M. (Lundberg, Minn.) HI2M, San Pedro, on 6.99 mc. was heard 8:00 to 8:40 P.M. (Stockbridge

and Oxrieder). HI2X, Trujillo, on 11.97 mc., heard daily, except Thursdays and Sundays, 8:00 to 10:15 P.M. (Woodward, Mass.)

Haiti. HH3W, Port-Au-Prince, heard on 6.35 mc. and 9.79 mc. both until 9:00 P.M. (Legge, N. Y.; Lundberg, Minn.) Veri says 1:00 to 2:30 P.M. and 7:00 to 9:30 P.M. (Stockbridge). Heard coming on at 6:00, not 7:00, (Edwards, Pa.)

Martinique. Radio Martinique, on 9.70 mc. broadcasts now 5:30 to 8:30 P.M. instead of just 6:00 to 8:00 P.M. (Ebbecke, Pa.)

NORTH AMERICA

Newfoundland. VONG, St. Johns, is now on 5.97 mc. and 9.745 mc. no matter what other reports may have been. They are usually on 9.745 mc. daytime and 5.97 mc. nights. Verifications say 10:00 A.M. to 2:00 P.M. and 6:00 P.M. to 11:00 P.M., Newfoundland time, but heard 4:30 to 9:30 E.S.T. on 5.97 mc. Address is Broadcasting Corporation of Newfoundland, P. O. Box E5372.

Canada. CJRX on 11.72 and CJRO on 6.15 mc. relay CJRC, that is why you hear the call CJRC used. CJRX broadcasts 4:00 to 8:30 P.M., CJRO, 8:30 to 1:30 A.M. (Edwards, Pa.)

Hawaii. Telephone stations KQE on 17.95 mc. and KQH on 14.90 mc. may be heard sending special programs to America some evenings.

U. S. A. WLWO, Cincinnati, has applied for permission to move from 6.06 to 6.08 mc. WBOS, Boston, is now sharing time with WPIT on 6.14 mc., 15.21 mc. and 21.54 mc. according to one magazine we see, but we have some doubts about this being a fact. Was heard signing off on 9.57 mc. at 2:00, not 1:00 A.M. (Nichols, Pa.) WPIT, Pittsburgh, on 6.14 mc. heard coming on at 10:00, not 11:00 P.M. and signing off at 1:30 A.M., not 1:00 A.M. (Graulich, Bird, Lundberg). WRCA, Bound Brook, on 9.66 mc. heard at 4:00 P.M., schedule shows starting at 5:00 P.M. (Graulich), WNBI, New York, on 17.78 mc. heard till 9:00 P.M., not just 8:00 P.M. (Graulich).

Ships. Twenty-one boats have been heard and identified on phone near 2.74 mc. (Oliver, Texas).

FLASH NEWS

News received too late to classify. XMHA, China, heard on 11.92 mc. instead of 11.96 at 6:00 A.M., and XEQQ, Mexico City, on 9.68 mc. heard from 2:00 P.M. to 4:00 A.M. next day, (Casals, Dom. Rep.). VPD-2, Suva, Fiji Islands, on 9.535 mc. returned to the air and heard 4:00 to 5:00 A.M. now, also some new Russian station is on 9.69 mc. between 6:00 and 7:30 A.M. and XGOX, Nanking, China, was heard at 4:00 A.M., new schedule (Samuels, New Zealand).

YUG, Belgrade, Yugoslavia, on 15.24 mc. heard at 8:00 A.M., on new schedule, and VLQ, Sydney, Australia, moved from 9.615 mc. to 9.608 mc. (McDermott, N. Y.) Bangkok, Thailand, heard on 7.96 mc. and VLW-2, Sydney, Australia, heard on 9.654 mc. mornings, (Legge, N. Y.)

OZI, Skamlebaek, Denmark, heard on 17.81 mc. daily 6:00 to 7:00 A.M. (Boothroyd, England). TPB-6, Paris, on 15.13 mc. and TPB-12 on 11.88

mc. heard 11:45 A.M. to 12:30 P.M. and DZB, Germany, on 10.04 mc. heard at 3:00 P.M. (Nichols, Pa.)

Can anyone hear these stations reported on the air now? HC2AG, Buena Fe, Ecuador, on 4.17 mc., HC2GS, Bulu-Bulu y Jaga, on 4.17 mc., HC1GP, Guayaquil, Ecuador, on 9.615 mc., HC2RB, Guayaquil, on 9.80 mc. Also check on XGRX, China, on 8.220 mc., 6:00 to 7:00 A. M., and HJAG, Barranquilla, Colombia, on 4.905 mc. instead of 6.04 mc. Also HJAB on 9.56 mc., either a station or a harmonic of HJAB on 4.78 mc. at Barranquilla.

Reports were received too late to use in this magazine from F. Edward Fellows, of New Jersey; Hilding Westerberg, of Massachusetts; Fred Baines, Nova Scotia; Frank Stockbridge, of Massachusetts; Gus Adler, of New York; Paul Walter, of Ohio; Wm. Bird, of Delaware, and Thoms Casals Pastoriza, of Curacao, D. W. I.

STATION CHANGES

Does anyone hear any of the following stations? Some have not reported for so long we are removing them from our list this month. YDX, Medan, Sumatra, on 5.17 mc., 8:30 to 10:30 A.M. HJFC, Pereira, on 4.91 mc., 11:00 A.M. to 11:00 P.M. TIGPH2, San Jose, Costa Rica, on 5.86 mc., 6:00 to 10:00 P.M. Russian station on 6.80 mc. heard last winter, 5:00 to 10:00 A.M. XOJD, Hankow, China, on 6.88 mc., 7:00 to 8:30 A.M. CS2WA, Lisbon, Portugal, on 9.65 mc., 4:00 to 7:00 P.M. CXA-14, Colonia, Uruguay, on 15.17 mc., 11:00 A.M. to 1:30 P.M. HI3X, Trujillo, Dom. Rep., Sundays 7:40 to 11:40 A.M. on 17.34 mc. Anyone hearing any of these stations NOW, please report.

WITH THE REPORTERS

Here are the people responsible for the news in this issue. We thank them sincerely and hope that they will be repaid for their kindness by the reports of others in future issues. George K. Mallory, Kingwilliamstown, Africa; G. C. Gallagher, San Francisco, Calif.; Desmond Callan, Readsville, Mass.; George Ebbecke, Philadelphia, Pa.; Frank W. Stockbridge, Westboro, Mass.; Captain R. B. Oxrieder, Corozal, Canal Zone; Fred Baines, Sydney Mines, N. S.; L. M. Clark, Snyder, N. Y.; Thomas Nichols, Philadelphia, Pa.; L. J. Keast, Randwick, N. S. W., Australia; King Fountain, Orange, Texas.

Wm. E. Bird, Jr., Wilmington, Delaware; H. H. Seckler, Leavenworth, Kansas; Gus Adler, Little Neck, N. Y.; Joseph Graulich, Arlington, N. J.; Earl C. Baldwin, Providence, R. I.; Roger Legge, Jr., Binghamton, N. Y.; Raymond Kane, Los Angeles, Calif.; Ora E. Stark, Pierce City, Mo.; Melvin Oliver, Houston, Texas; Dr. George Illalobos, New Orleans, La.; Jacob Zimpleman, Wabash, Indiana.

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NO. 6

INTERNATIONAL



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THE VOICE OF THE
INTERNATIONAL SHORT WAVE CLUB

EAST LIVERPOOL, OHIO, U. S. A.

SHORT WAVE NEWS

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.

Stations Deleted.

Because we believe the following stations are no longer on the air we are taking them out of our list. TFJ, Iceland, on 12.24 mc.; YNGU, Managua, on 9.30 mc.; CS2WA, Portugal, on 9.65 mc.; EAJ-43 Canary Islands, on 10.37 mc.; LLG, Norway, on 9.61 mc.; FG8AA, Guadeloupe, on 7.44 mc.; OLR4A and OLR5A, Czechoslovakia, on 11.84 and 15.23 mc.; WCAB, Philadelphia, on 21.52 mc. and HJFC, Ibaque, on 4.79 mc.

Stations Under Suspicion

The following stations have been unreported for some time and may not be on the air. Readers are asked to check these stations and report to us.

OAX4P, Peru, on 5.98 mc., 9:00 to 11:30 P. M.

CS2WD, Portugal, 5.98 mc., 3:30 to 6:00 P. M.

TIWS, Costa Rica, 6.37 mc., 7:30 to 9:00 P. M.

TI2RS, Costa Rica, 7.45 mc., 8:00 to 11:00 P. M.

LKC, Norway, 9.53 mc., 10:30 to 5:00 P. M.

TIENT, Costa Rica, 10.06 mc., 4:00 P. M. to Midnight.

ZIK-2, Honduras, 10.60 mc., T., T. & S., 7:00 to 10:00 P. M.

TI2XD, Costa Rica, 11.92 mc., 4:00 to 11:00 P. M.

New Stations Heard

Little America. KC4USC, on the Snow Cruiser, Byrd Expedition, heard on 14.24 mc., 10:00 to 12:00 P. M. (Legge, N. Y.) Heard on about 14.20 at 5:30 A. M (Kindell, New Zealand). KC4USA, is at the West Base, KC4-USB at the East Base, but neither are reported heard as yet. (Editor).

French Morocco. CNP, Casablanca, heard on 8.79 or 8:30 mc. between 3:00 and 4:00 P. M. using French, (name withheld, Mass.) Station identified by your editor.

Venezuela. YV3RF, Acarigua, on 3.49 mc., heard using slogan "La Voz del Llano" and broadcasting evenings. Owned by Sigala & Barrios, (Legge, N. Y.)

Mozambique. CR7BG, a sister station to CR7BE (9.64 mc.) and operated by Radio Club Mozambique, is on 15.285 mc. daily except Sundays, 7:00 to 8:00 A. M. for North American listeners, (Legge, N. Y.)

South Seas. The Fahnestock South Seas Expedition aboard the ship "Director II," which started for a two year cruise from New York in January, was heard on 9.13 mc. around noon once (NRC.) Will operate on 4.42 mc., 9.13 mc., 12.86 mc., 17.31 mc. and 23.10 mc.

Nepal. A station on 14.78 mc. is reported at 4:00 A. M. and near 9:30 P. M. supposed to be at Katmandu, Nepal.

Colombia. HJCW, Bogota, on 4.945 mc. is broadcasting 7:30 to 11:00 P. M., when they sign off with Liszt's Hungarian Rhapsody. Another Colombia is on 4.825 mc. evenings, too, (Bird, Del.) Station on 4.945 uses call HJCO and slogan "Emisora Sud America" and at Bogota, (Legge, N. Y., Clark, N. Y.) One magazine we see says Baranquilla,

China. A station using a call like XGSE is heard on 9.84 mc. daily, 7:00 to 11:00 A. M., announcing "This is the Chinese short wave station XGSE." (Name withheld).

Switzerland. Schwarzenburg is heard again. It is on 9.535 mc., 9:45 to 11:15 P. M. for North America, and on 11.865 mc., 7:45 to 9:45 P. M. for South America every Monday and Wednesday. This is not the original station, but a 250 watt substitute for the station that was burned down last fall.

Some stations reported elsewhere but unconfirmed are as follows: A station on Reunion Island, supposed to be on 4.807 mc. and 9.615 mc. located at St. Denis. HC2AG, Buena Fe, Ecuador, on 4.17 mc., HC2GS, Bulu Bulu y Jaga on 4.17 mc., HC1GP, Guayquil, on 9.615 mc. and HC2RB, Guayquil, on 9.80 mc. all heard evenings.

GENERAL NEWS

OCEANIA

New Zealand. The Wellington stations ZL-1, ZL-2, etc., reported under construction is a false rumor, (Kindell, New Zealand).

Fiji Island. VPD-2, Suva, 9.535 mc., has returned to the air and is heard 4:00 to 5:00 A.M. now, (Samuels and Kindell, New Zealand).

Australia. Eight stations reported this month. Here they are in frequency order. VLQ, Sydney, 8.67 mc. testing at 8:00 A.M. once, (Oliver, Texas). VLR, Melbourne, 9.58 mc., broadcasts 9:00 to 9:30 A. M. daily. VLT, new call-sign, heard on 9.61 mc. when VLQ was not heard, (Stockbridge, Mass.) VLQ, 9.615 mc., Sydney, heard 2:00 to 4:00 A. M., 6:15 to

6:50 A. M. and 10:30 to 11:30 A. M. VLW-2, Perth, 9.654 mc., heard mornings, (Legge, N. Y.) Heard on 9.645, 3:00 to 10:30 A. M. Sundays, (Callan, Mass.) Heard 7:00 till 8:45 A. M. (Lucke, Ill.) VLQ-5, Sydney, 9.68 mc., 7:00 to 8:00 A. M. for Americans, (Callan, Greenman, Walter, Thompson, Clark, Baines, Hutchinson, Stockbridge and Lucke). VLW-3, Perth, 11.83 mc. Used 12:30 A. M. up to 5:00 A. M., then goes to 9.65, (Kindell, New Zealand). VLR-3, Melbourne, 11.85 mc. having moved from 11.88 mc., used 3:30 P. M. to 2:15 A. M. next day and 7:30 to 8:30 A. M. (Keast, Australia, and Kindell, New Zealand). VLQ 2, Sydney, 11.87 mc., used 2:00 to 3:30 A. M. First two reports to VLQ were on I. S. W. C. stationery, (Keast, Australia).

AFRICA

Egypt. The mystery station reported as ZAA and YI5KG on 7.865 mc. turns out to be telephone station SUX, Cairo, Egypt. They have been broadcasting what seems like Oriental music between 1:00 and 4:30 P. M. for several months now, (Stockbridge, Legge and Baines).

Rhodesia. An amateur station VQ2CM is being used by the government on 7.50 mc. to broadcast news daily noon to 12:30 P. M. (Name withheld).

Mozambique, Africa. The Radio Club of Mazambique, P. O. Box 594, city of Lourenco Marques, operates CR7AB (3.49 mc.) CR7AA (6.13 mc.) CR7BE (9.64 mc.) CR7BD (15.25 mc.) and CR7BH (11.72 mc.) The best signal ever to come from an African station is heard every afternoon on 9.64 mc. from 2:00 P. M. to 4:00 P. M. Everyone in America should be able to hear it. A woman does the English announcing, and chimes are used as an interval signal. Every Saturday at 3:00 P. M. they acknowledge reports over the air.

ASIA

Burma. Rangoon, on 6.007 mc. is heard again between 7:00 and 9:45 A. M. in the United States. Also reported on 6.047 mc. and 6.056 at times.

Turkey. TAQ, Ankara, on 15.195 mc. has returned to the air. Heard 6:00 A. M. (Kindell, N. Z.) Heard at 7:15 A. M. (Boothroyd, England). Announced starting time as 7:15 A. M. (Stockbridge, Mass.)

Indo-China. Direct from F. Beauquis, Director, comes this news: Saigon is on 6.11 mc. and 11.78 mc. Slogan is "Ici Saigon." Interval is eight chimes. Sign off with "Marseillaise." QRA is Boite Postal 412, Saigon. Schedule on 6.116 mc. is 11:30 P. M. to 12:45 A. M., 6:15 to 10:30 A. M. and 6:45 to 7:15 P. M. On 11.78 mc. 11:30 P. M. to 12:45 A. M., 5:45 to 11:00 A. M. and 6:45 P. M. to 7:15 P. M. English is used on 11.78 mc. 5:45 to 6:15 A. M. to 6:15 A. M. and 6:45 to 7:15 P. M. Power on 11.78 is 12 kc., on 6.116 is now 1,500 but will soon be 12,000. Station on 11.78 mc. can be heard now at 6:30 P. M. and after 6:45 P. M. evenings, (Name withheld, Mass.) Another veri shows different schedule, (Clark, N. Y.)

China. Latest schedule is XGOY on 9.65 mc., 9:00 to 9:40 A. M., XGOX on 15.20 mc., 8:30 to 9:30 P. M. and 10:00 to 11:00 P. M. (Ong, Hutchinson and Lucke). XMHA, Shanghai, operated by the Japanese on 11.96 mc. at 6:00 A. M. (Casals, D. R.) Other reports said 11.86, so this may be a slip of the pen. (Editor). Is broadcasting 5:00 to 11:00 A. M.

India. VUD-4, Delhi, on 15.30 mc. is heard nightly at 9:30 P. M. and VUD-3 on 15.16 is no longer heard, (Lucke, Ill.) VUM-2, Madras, on 11.87 mc. heard several times around 6:30 A. M. to 10:00 A. M. (Lucke, Ill.) Listeners should dial on 15.16 mc., 15.30 mc., 9.59 mc. and 9.55 mc. between 9:30 and 10:30 P. M. and on 4.82 mc., 4.88 mc. and 4.96 mc., 7:30 to 11:00 A. M. Some Indian on 11.89 or 90 at 7:30 A. M. (Thompson, Ohio).

Japan. JZK, Tokio, moved from 15.16 mc. to about 15.03 mc. for two days last month and was heard 8:00 to 9:00 P. M. (Lucke, Ill.) JZJ, Tokio, on 11.80 mc. heard as early as 5:30 A. M., list says 7:00 to 9:30 A. M. (McDermott, N. Y.) Some phone station with call JFY heard on 19.00 mc. at 4:00 P. M. once, (Oliver, Texas).

Thailand. HS6PJ, on 19.02 mc. broadcasts Mondays 8:00 to 10:00 A. M. and HSP6 on 7.968 mc. broadcasts all other days at this same time. They use English at 8:00 A. M. Interval signal is three chimes and bells. News in English is given at 8:45 A. M. (Boothroyd, England and Clark, N. Y.) HSP6, heard as early as 7:30 A. M. (Legge, N. Y.)

Manchuckuo. MTCY, Hsinking, broadcasts on 6.125 mc., 8:30 to 9:30 A. M. daily, and on 11.775 mc., 1:30 to 2:20 A. M., 9:50 to 10:55 A. M. and 4:00 to 4:50 P. M. with news in English at 2:00 A. M., 10:35 A. M. and 4:05 P. M. This comes direct from the station.

EUROPE

Finland. Two persons, both radio editors, report reception of Finland on 9.50 mc., one between 4:00 and 5:30 A. M., the other at midnight, but even European short wave fans can't hear it.

Switzerland. The Swiss stations are rented to relay programs from Europe and may be heard on a very irregular schedule. HBL on 9.34 mc., is reported every Monday and Wednesday 8:45 to 10:00 P. M. now, (Ebbecke, Pa.) HBP on 7.797 mc., not reported in many months, was heard at 6:45 P. M. once by member Oliver of Texas.

Albania. ZAA, Tirana, on 6.083 mc. can now be heard in America between 4:00 and 5:00 P. M. (Legge, N. Y.)

Roumania. Members Boothroyd and Casals insist the station heard last summer on 15.14 mc. is Banasea, Roumania, and not a Russian. At least a dozen others insist it was a Russian. Now, after being reported on 12.12 mc., 15.37 mc. and 15.41 mc. it is said to be on 9.23 mc. noon to 5:00 P. M. with news in English at 4:45 P. M. We ask readers especially those in Europe, to check this. Also reported at 7:00 P. M. once, using Bugle Call.

Hungary. HAD, Budapest, is no longer on the air but will return this spring. HAT-4, on 9.125 mc. broadcasts every day now except Saturdays, 7:00 to 8:30 P. M., Saturdays 6:00 to 7:30 P. M. HAS-3 on 15.37 mc. broadcasts Sundays only 9:00 to 10:30 A. M. Veri says this, (Stockbridge, Mass.)

Yugoslavia. YUF-YUG on 15.24 mc., on new schedule daily at 5:00 A. M. (Kindell, N. Z.) Heard at 6:30 A. M., too, (Boothroyd, England.) Heard at 8:00 A. M. (McDermott, N. Y.) YUC, Belgrade, on 9.50 mc. heard at 2:30 P. M., off schedule, (Baines, N. S.) Try 11.735, 9:00 to 10:00 P. M. now for YUE.

Denmark. OZI, Skamlebaek, 17.81 mc. heard daily 6:00 to 7:00 A.M. when they sign off, (Boothroyd, Eng.) Some Denmark station on 15.32 mc. signs off at 1:30 P.M. (Bird, Del.)

Norway. Veri shows LKQ, Oslo, on 11.73 mc. used 6:00 P.M. to 6:40 A.M., and LKV on 15.17 mc. used 6:40 A.M. to 6:00 P.M., all other schedules are crossed off, including LKJ, LLG, etc. (Westerberg, Mass.) LLH, Oslo, on 9.645 mc. used daily 2:00 to 5:00 P.M. with CR7BE, Africa, giving them some trouble, (Callan, Mass.)

Vatican. HVJ, on 9.66 mc. is testing. Heard 2:30 to 3:00 P.M. and 8:00 to 8:15 P.M. for French Canada, (Callan, Mass.) Heard 8:30 to 9:00 P.M. for United States, Sundays and at times Thursdays, (Capes, Ill. and Woodward, Mass.) Testing on 9.66 mc. and 5.97 mc., 8:30 to 9:00 P.M., also heard on 11.74 mc. at 8:30 and 10:30 A.M. (Keast, Australia). Heard on 13.60 mc., new frequency, and 15.12 Sundays at 1:00 P.M. Heard on 6.19, Sundays 8:30 to 10:00 P.M.

Italy. Like Germany and England, Italy is sending a good many programs over stations not used for regular broadcasts. The American Hour is now sent 8:15 to 10:10 P.M. over 2RO-4 and 2RO-6, (Woodward, Graulich, Callan). 2RO-11, new station on 7.22 mc. heard 8:15 to 10.00 P.M. (Callan and Westerberg). 2RO-1 on 6.985 mc. also heard 6:00 to 10:00 P.M. irreg. (Editor). 2RO-3, on 9.64 mc. now broadcasting 1:00 to 2:15 A.M. for Australia, (Adler and Nichols). 2RO-4 on 11.80 mc. heard 4:30 to 5:30 P.M. now, (Graulich and Nichols). 2RO-14 on 15.235 mc. heard at 5:00 A.M., off schedule, (Kindell, N. Z.) 2RO-15, on 11.76 mc. reported starting at 2:00, 3:00, 5:30 and 8:00 P.M. and signing off at 5:45, 8:00 and 9:00 P.M. (Bird, Oliver, Nichols, Woodward).

Germany. Germany is using many stations to send special programs not previously announced. DJI on 7.29 mc. used afternoons and DXQ on 6.17 mc., new transmitter, used 2:40 to 3:25 P.M. (Callan, Mass.) DJA, on 9:56 mc. between midnight and 1:00 A.M. (Bird). DJW, on 9.65 mc. is used now afternoons and evenings for special programs, (Callan, Lucke, Bird and Groulich). DZB, on 10.04 mc. used 2:40 to 3:20 P.M. daily, (Callan). Is used at 4:00 P.M. (Nichols, Pa.) DZC, on 10.29 mc. reported at 3:00 P.M. to 10:45 P.M. irregularly, (Bird, Westerberg, Walters) Strange German, on 10.38 mc. heard at 4:00 P.M. (Callan). DZD on 10.54 mc. heard 6:00 to 7:00 P.M. (Callan, Lucke and Walter). DJP on 11.85 mc. heard at 5:45 P.M., not just 4:45 (Oliver). DZG, on 15.36 mc. heard noon to 12:30 A.M. (Lucke, Ill.)

France. Latest schedule direct from Paris is given in our station list. Other reports follow: TYA-2, telephone station on 9.03 mc. broadcasting 3:30 A.M. (Kindell, N. Z.) Heard daily 6:15 to 7:45 A.M. (Boothroyd, Eng.) TPC-6 on 9.52 mc. heard coming on from 2:00 P.M. to 4:30 P.M. and signing off from 8:00 to 1:00 A.M. next day, (Fellows, Westerberg, Bird, Nichols, Woodward). TPC-23 on 9.68 mc. heard 2:30 P.M., schedule shows 6:00 to 7:45 P.M. only, (Baines, N. S.) TPA-4 on 11.72 mc. heard at 4:30 P.M., list shows 6:00 P.M. on (Oliver, Texas). TPC-8 on 11.845 mc. used 11:30 A.M. to 12:30 P.M. and 1:45 to 5:00 P.M. (Bird and McDermott). TPA-3 and TPB-7 both on 11.88 mc. broadcast 10:15 A.M.

to 12:30 A.M. next day now, (Oliver, Nichols and Bird). TPB-6 on 15.13 mc. heard 11:45 A.M. to 12:30 P.M. (Oliver, Nichols and Bird). TPB-3 moved to 17.76 mc. now, heard 5:00 to 10:00 A.M. (Oliver).

England. Stations reported off schedule are GSL on 6.11 mc. at 2:45 P.M. (Baines, N. S.) GSW on 7.23 mc. all afternoon, then 7:00 to 10:45 P.M. (Bird), and GSO on 15.18 mc. at 4:50 P.M. and GSW evenings, (Woodward, Mass.)

Russia. A completely revised list of stations is in our list. A new Russian is on 9.69 mc., 1:00 to 5:00 P.M. according to official schedule. Was heard 6:00 to 7:00 A.M. (Samuels, New Zealand). Others are on 6.00 mc., 6:03 mc., 7.36 mc., 7.52 mc., 9.60 mc., 9.52 mc., 11.64 mc., 11:90 mc., 15.04 mc. and 15.18 mc.

Portugal. Portugal is using a variable schedule on almost all frequencies. CSW-4 on 15.21 mc. heard 8:00 A.M. to 3:00 P.M., CSW-5 on 11.84 mc. heard 11:00 A.M. to 3:00 P.M.; CSW-6 on 11.04 mc. heard 1:00 to 3:30 P.M.; CSW-7 on 9.74 mc. reported coming on at 3:00, 4:00 and 5:00 P.M. and signing off at 6:00, 8:00 and 9:00 P.M. and CSW-8 on 7.22 mc. reported 4:00 to 5:00 P.M. Tuesdays, Thursdays and Saturdays, (Oliver, Bird, Baines, Callan, Iball, Boothroyd).

Sweden. Veries say SBP on 11.71 mc. and SBT on 15.15 mc. are both used Sundays all day from 3:00 A.M. to 4:30 P.M. in addition to weekday schedule, (Westerberg and Gates). Heard at 3:00 A.M. (Kindell, New Zealand).

Holland. PCJ on 9.59 mc., PCJ-2 on 15.22 mc. and PHI-2 on 17.77 mc. all operate on an irregular schedule, changing about once a week. We list them as best we can.

SOUTH AMERICA

Brazil. PYA-2, a phone station on 9.205 mc. at Rio de Janeiro is reported broadcasting 5:00 to 6:00 P.M. (Name withheld). PSE, on 14.94 mc. sends program to Italy 11:00 A.M. to noon first Thursday of each month, (Boothroyd, Eng.) PSH, on 10.22 mc. broadcasts 6:00 to 8:30 P.M. every day, (Walter, Ohio). Other reports said 6:00 to 7:00 P.M. daily, some days till 9:00 P.M.

Chile. CB-1180, Santiago, moved from 12.00 to 11.95 mc. (Bird, Del.)

Colombia. HJCT, Bogota, relays HJCR, slogan is "Radiodifusora Nacional" and address is "Ministerio de Education, Bogota." It is on 9.63 mc. 9:00 A.M. to 2:00 P.M. and 5:00 P.M. to midnight, (Clark, Adler, Westerberg, Callan, Villalobos, Oliver, Fellows). HJDX is on 4.795 mc. as reported, (Clark, Legge). HJFC, Pereira, is on 4.91 mc. (Clark, Westerberg). HJBB, Cucuta, on 4.81 mc. heard signing at 10.56, list shows 9:30 P.M. (Lundberg, Minn.) HJAB, Barranquilla, relays HJM on 9.56 mc., 10:00 A.M. to noon, (Casals, Dom. Rep.) This station is on 4.78 mc. evenings, (Editor). Station on 9.71 saying HKF is HJCF, which is also on 6.07 mc. nights.

Ecuador. HCJB, Quito, on 12.46 mc. is testing new 10 kw. transmitter, heard 9:00 to 10:00 P.M. (Lucke, Legge, Tresidder). Used call HC1JB at

4:00 P.M. (Woodward, Mass.) HC1GQ, on 9.17 mc. heard at 7:30 P.M. schedule shows 8:30 to 10:30 P. M. (Woodward).

Paraguay. ZP-14, Villarica, 11.72 mc. heard 7:00 to 8:00 P.M. off schedule, (Bird, Del.)

Uruguay. CXA-7, Montevideo is on 11.48 mc., relaying CX-36 evenings, (Oxrieder, C. Z.) CXA-14, Colonia, is on 11.827 mc. relaying LR-5, 7:00 to 8:00 P.M. (Legge, N.Y.) Heard on 11.80 relaying LS-6 "Radio-mitre" at 9:00 P.M. (Ramirez, Cuba). CXA-6 on 9.62 mc. verified, saying they operate two transmitters, one 3 kw., the other 20 kw., interchangeable as follows: CXA-4 on 6.125 mc., CXA-6 on 9.62 mc., CXA-10 on 11.895 mc. and CXA-18 on 15.30 mc. Address is Servicio Oficial de Difusion Radio Electrica, Mercedes 823, Motevideo. They relay CX-6 and CX-38, long wave stations, (Stockbridge, Mass.)

Venezuela. YV1RO announced location as Caracas, not Trujillo and signs at 10:00, not 10:30 P.M. (Lundberg, Miss.) YV1RM, on 4.88 mc. at Maracaibo, heard 5:00 to 9:30 P.M. (Name withheld). YV1RU, 4.81 mc., signs at 10:30 P.M., not midnight as listed, (Lundberg, Minn.) YV1RZ, Valera, on 4.85 mc. heard till 9:30 P.M., list shows 8:30, (Bird). YV4RQ, Puerto Cabello, on 5.02 mc. starts at 5:00 P.M. often, (Bird). YV3RX, Baraquisimeto, on 4.99 mc. signs at 9:30, not 10:00 P.M. (Westerberg).

CENTRAL AMERICA

Costa Rica. The National Radio Club publishes a list of stations that shows TIEMT, San Jose "Radio El Mundo" on 6.15 mc., not 10.06 mc. TI7RVM, Las Juntas, "La Voz de Guanacaste," on 6.03 mc. TIRCC, San Jose, on 6.55 mc., not 6.18 mc. and does not show TI2RH, on 6.15 mc. TIWS, Puntarenas, on 6.37 mc. TI2RS, San Jose, on 7.45 mc., and TI2XD, San Jose, on 11.92 mc. Check up on these for us.

Guatemala. TGWB is on 6.46 mc. now, (Bird, Del.) TGWA, on 15.17 mc. heard at 9:00 A.M. off schedule, (Baines, N. S.) TG-2 on 6.19 mc. heard midnight and after now.

Mexico. XBHX, "Banco Nacional de Mexico" is former XBJQ heard several years ago. They are now on 10.05 mc., not 11.11, and heard 6:00 to 6:30 P.M. This came in a verification. Address is Banco Nacional de Mexico, Apartado 14 bis, Mexico City, (Howe, Conn.) Heard on 11.11 at 8:00 P.M. (Casals, Dom. Rep.) XEQQ, on 9.68 mc. is heard from 2:00 P.M. till 4:00 A.M. next day, (Casals). Heard 11:00 P.M. to midnight, (Westerberg). The station reported as EQC, Iran, is really XEQQ, (Name withheld by request). XBA, Tecubaya, on 6.98 mc. gives weather reports at 10:00 P.M. now, (Bird, Del.) XEXA, Mexico City, on 6.17 mc. heard till 12:30 A.M. (Bird) XETA, Monterrey, is now on 9.55 mc.

Nicaragua. YNRF, Managua, on 6.76 mc. heard Sundays as late as 3:30 A. M. (Kindell, New Zealand). YNJAT, Leon, operated by Jose Agustín Tijerino, on 5.758 mc., 7:00 to 10:30 P.M. weekdays verified, (Legge, N. Y.) YN1IP, on 7.28 mc. reported as a broadcaster is an amateur using recordings to "warm up," (Name withheld on request).

Salvador. YSW, San Salvador, is on 6.145 mc., 8:30 to 10:00 P. M. YSP on 10.40 mc. heard at 6:15 P.M., off schedule, (Bird, Del.)

WEST INDIES

Bahamas. ZIO on 8.14 mc., ZSS on 4.51 mc. and ZSR on 3.12 mc. are testing again around 9:00 P.M. (Name withheld). Letter says these are not broadcasters, (Fountain, Texas). ZNS, Nassau, on 6.09 mc., veries say 8:00 to 9:00 P.M., but station is heard 7:45 to 9:30 and 10:30 P.M. (Stark, Nichols, Zimpleman and Gallagher).

Barbados. The government operates a station on 3.95 mc. which broadcasts daily 6:30 to 7:00 P.M., giving news, (Watkins, Barbados).

Cuba. COCY, on 9.23 mc. now relaying CMBX programs instead of COBX, on 9.15 mc. reported as early as 4:00 P.M. and as late as 2:00 A.M. (Greenman, Lundberg, Callan, Bird). COCX, Havana, on 9.20 mc. now, having moved from 11.74. Slogan "Casa Lavin," (Bird, Del.) COX-4, Havana, on 6.39 mc. now broadcasts 2:00 to 3:00 P.M. and 6:00 to 10:30 P.M. but reported mornings by member Casals, too. The call RHC reported by some is the net-work initials like NBC and BBC, we are told. Note: A late veri says COBX is on 9.20 mc., so maybe this COCY is really COBX, (Stockbridge, Mass.)

Curacao. PJC-1, Willemstad, having been off the air for some time, is now reported on 5.94 mc. evenings in one magazine. Please check up.

Dominican Republic. H1IA, Santiago, on 6.19 mc. has new transmitter with 200 watts power, 7:30 to 9:00 A.M., noon to 2:00 P.M. and 4:00 to 6:00 P.M. (Casals, D. R.) H13C, La Romana, is now on 6.105 mc. (Casals). Heard on 6.73 mc. still, (Lundberg, Minn.) H12X, Trujillo, on 11.97 heard daily now except Thursdays and Sundays, 8:00 to 10:10 P.M. (Woodward, Mass.) H13X, sister station, verifies on 15.27 as Tuesdays and Fridays, 8:10 to 10:10 P.M. and Sundays 7:40 to 10:10 A.M. (Westerberg, Mass.) Stations H15G, H15N, H15P, H17P, H18J and H18Q, seen listed in other magazines are all absolutely off the air, (Casals, Dom. Rep.)

Haiti. HH3W, Port-Au-Prince, heard on 6.35 mc. and 9.79 mc. both until 9:00 P.M. (Legge, N. Y.; Lundberg, Minn.) Veri says 1:00 to 2:30 P.M. and 7:00 to 9:30 P.M. (Stockbridge). Heard coming on at 6:00, not 7:00, (Edwards, Pa.)

Jamaica. ZQI, on 4.75 mc., broadcasts Fridays 5:30 to 6:30 P.M. according to a verification from the Information Officer, Government of Jamaica. Address of station is given as No. 2, Seaview Avenue, Halfway Tree, Jamaica. They will soon operate daily, (Stockbridge, Mass.) ZQI is former amateur VP5PZ, and reports may be sent to Mrs. Violet Allwood, Vermont, Chapelton, Jamaica, (Mrs. Allwood).

Martinique. Radio Martinique, on 9.70 mc. broadcasts now 5:30 to 8:30 P.M. instead of just 6:00 to 8:00 P.M. (Ebbecke, Pa.)

NORTH AMERICA

Newfoundland. A letter says VONG, St. Johns, is on 9.475 mc. daily 8:30 A.M. to 1:30 P.M., and on 5.97 mc. 4:30 P.M. to 9:30 P.M. and only on these frequencies. Address is P. O. Box E5372, (Stockbridge, Mass.) Heard at 1:00 P.M. (Baines). Veries received for 9.475 mc. (Hutchinson, Boothroyd and Baines).

Canada. CJRO, Winnipeg, on 6.15 mc. gives schedule as 8:30 P.M. to

1:30 A.M. next day, but heard 6:00 to 7:00 P.M. (Bird, Del.) CJCX, Sydney, Nova Scotia, on 6.01 mc broadcasts weekdays 7:00 A.M. to 12:30 A.M. Sundays 10:00 A.M. to 12:30 A.M. (Baines, N. S.) Does this mean A.M. next day or P. M. same day. (Editor). Heard 8:00 to 9:00 A.M. Sundays contrary to schedule, (Woodward, Mass.)

Hawaii. KHE, Honolulu, on 17.95 mc., now used to relay programs both Saturdays and Sundays, 8:30 to 9:00 P.M. (Walter, Ohio; Stockbridge, Massachusetts.)

Boston. WBOS has applied for license to broadcast on 11.87 and 17.78 mc. (FCC).

LATE REPORTS

TG-2, "Radio Morse," Guatemala, will broadcast special programs in Spatari to members of this club, from 2:45 to 3:00 A.M. every third Sunday of the month, starting April 21st. Send reports to Director General de Communications. Arranged by Prof. Spatari.

PRF-5, Rio de Janeiro, Brazil, is on 11.85 mc., 6:00 to 7:00 P. M. weekdays now. LSX 2, on 10.35 mc. and LSX-3 on 9.77 mc. heard broadcasting evenings. Also 2RO, Rome, Italy, heard on 17.78 mc., 9:00 A.M. to noon. (Ebbecke, Pa.) ZP-14, Villarica, heard on 11.73 mc. 7:32 to 7:49 P.M., when they signed off. Also YUE, Belgrade, heard at 7:59 P.M. signing off. (Solito, Pa.) OAX1A, Chiclayo, Peru, is on 6.15 mc., not 6.33. (Lundberg, Minn.) YV5RQ, Caracas, Venezuela, on 4.95 mc. relays YV5RE, and announces "Radio Falcon," till 11:30 P.M., new station on 5.94 mc. heard signing with Nazi Anthem, at 9:00 P.M. And station HJCB relaying HJCE on 4.94 mc. till 11:00 P.M. A Japanese, JVL, Tokyo, on 11.66, 5:00 to 6:00 P.M.; JVV 3, Tokyo, on 11.73 mc., 4:00 to 5:00 P.M., and JVH, Tokyo, on 14.60 mc., 7:00 to 8:00 P.M., all broadcasting. (Gallagher, Calif.)

STATIONS UNDER CONSTRUCTION

Belgium. New 45 kw transmitter scheduled to open this month on 11.85 mc. sending programs to Africa.

Norway. LLS, new transmitter on 7.21 mc. scheduled to open soon using 5 kw. power.

Denmark. Several new frequencies to be used are OZI-2 on 17.81 mc., OZI-3 on 17.83 mc., OXY-2 on 6.17 mc. and OXY-3 on 6.04 mc.

Brazil. New 20 kw. transmitter at Rio de Janeiro will operate soon as follows: On 6.20 mc., 9.50 mc., 9.585 mc., 9.60 mc., 11.71 mc., 11.825 mc., 11.89 mc., 15.145 mc., 15.37 mc. and 17.835 mc.

Greece. New transmitter at Sparta will broadcast at follows: SVD on (6.885), SVL (7.228), SVG (7.305), SVH (9.03), SVI (9.695), SVJ (9.825), SVM (9.935), SVN (10.705), SVP (12.195), SVQ (13.64) and SVT (15.015).

Iran. The Director General of Posts & Telegraphs will open a new 5 kw. transmitter at Baghdad soon. Details follows: HNE (6.188), HNG (11.724), HNK (15.145), and HNI (18.815).

British Guiana. VP3BG, Georgetown, will soon be heard on 4.88 mc. in addition to 6.13 mc., 11:00 A.M. to noon and 3:00 to 9:00 P.M. Power 200 watts.

WITH THE REPORTERS

Here are the reporters this month. Thanks to each of you for your wonderful help. Tomas Casals P. Trujillo, Dominican Republic; E. Miles Samuel, Wellington, New Zealand; F. Beaquis, Saigon, Indo-China; George Mallory, Kingswilliamtown, Africa; Gus Adler, Little Neck, N. Y. Capt. George McDermott, Staten Island, N. Y.; L. M. Clark, Synder, N. Y.; George H. Trisdorfer, Brooklyn, N. Y.; Paul Walter, Portsmouth, Ohio; Ford Edwards, Wilmerding, Pa.; C. E. Gates, Wilmerding, Pa.; Alva Tresidder, Flint, Mich.; F. Edward Fellows, Short Hills, N. J.; Joseph Graulich, Arlington, N. J.

Hilding Westerberg, Roxbury, Mass.; F. E. Woodward, Walden, Mass.; Name withheld, Wollaston, Mass.; Frank Stockbridge, Westboro, Mass.; Miss Gwynneth Capes, Chicago, Ill.; James Lucks, Chicago, Ill.; Name withheld, Chicago, Ill.; William E. Bird, Wilmington, eDl.; Alvin Oliver, Houston, Texas; J. B. Greenman Upper Montclair, New Jersey; L. A. Hutchinson, Milford, N. H.

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THE VOICE OF THE
INTERNATIONAL SHORT WAVE CLUB

EAST LIVERPOOL, OHIO, U. S. A.

SHORT WAVE NEWS

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.

Stations Deleted.

OAX4P, Huancayo, Peru, on 5.98 mc., not reported for many months, YI5KG, Iraq, owned by the King who died; CR6AA, Lobito, that has moved; XEFT that has been replaced by XETA on 9.55 mc.; HNF Iraq, that should never been placed on 9.68 mc.; ZAA, Albania, that is on 7.84 mc., not 9.93 mc.; Moscow, on 11.63 that is no longer used.

Stations Under Suspicion

The following stations have been unreported for some time and may not be on the air. Readers are asked to check these stations and report to us.

CS2WD, Portugal, 5.98 mc., 3:30 to 6:00 P. M.

TI2RS, Costa Rica, 7.45 mc., 8:00 to 11:00 P. M.

LKC, Norway, 9.53 mc., 10:30 to 5:00 P. M.

TIEMT, Costa Rica, 10.06 mc., 4:00 P. M. to Midnight.

New Stations Heard

Little America. KC4USC, on the Snow Cruiser, Byrd Expedition, heard on 14.24 mc., 10:00 to 12:00 P. M. (Legge, N. Y.) Heard on about 14.20 at 5:30 A.M. (Kindell, New Zealand). KC4USA on the West Base, heard on 14 mc. amateur band 5:30 to 6:00 A.M. once, (Callan, Mass.)

Cuba. COCSD, owned by Senor Batiste, Presidential candidate, heard on 11.57 mc. broadcasting 7:30 to 11:30 P.M. Gives address as P. O. Box 625, Havana. Promises view cards and booklets for reports. Uses lots of English, (Capes, Illinois and Callan, Mass.) Heard on about 11.60 at 5:46 P.M. (Shaffer, Iowa).

Nicaragua. YN2FT, Granada, using slogan "La Voz de Sultana," heard on 7.193 mc. daily 8:00 to 10:00 P.M. and verified. Owner is Jose F. Tercero, (Legge, N. Y.) Is this another amateur broadcasting?

Peru. OAX4R, Lima, on 15.15 mc. sent special program one Tuesday 5:00 to 6:00 P.M. (Gallagher, Calif.) Heard on about 15.16 one Saturday 5:30 to 6:00 P.M. (Capes, Ill.)

Uruguay. Some Montevideo station is on 6.005 mc. saying "Radio Nacional" and broadcasting evenings, (Shaffar, Iowa).

French Morocco. CNP, Casablanca, heard on 8.79 or 8:80 mc. between 3:00 and 4:00 P. M. using French, (name withheld, Mass.) Station identified by your editor.

GENERAL NEWS

OCEANIA

Australia. After experimenting for some time, programs are now more or less settled. VLR on 9.58 mc. is heard midnight to 9:30 A.M. VLQ on 9.615 mc. is used 2:00 to 4:00 A.M., 6:15 A.M. to 11:30 A.M. VLQ-5 on 9.68 mc. is heard 7:00 to 8:00 A.M. the best of all for American listeners. VLW-3 on 11.83 mc. is heard 12:30 A.M. up to 5:00 A. M. VLR-3 on 11.84 mc. is used 3:30 P.M. to 12:15 A.M. next day and then 7:30 to 8:30 A.M. VLQ-2 on 11.87 mc. is used 2:30 to 3:30 A.M. Others reported in past months are: VLQ on 8.67 mc. and VLT on 9.61. We also have a recent report that VLW is now on 6.13 mc., 48.92 meters, 5:00 to 7:00 P.M. Anyone hearing them? VLQ and VLT both verified, (McDermott N. Y.)

AFRICA

Mozambique. The Radio Club of Mozambique, address Box 594, Lourenco Marques, operates CR7AB (3.49), CR7AA (6.13), CR7BE (9.64), CR7BD (15.25) and CR7BI (17.91). CR7BG on 15.285 mc. is broadcasting week-days 7:00 to 8:00 A.M. for American listeners, (Legge, N. Y.) CR7BE on 9.64 mc. is heard daily 2:00 to 4:00 P. M.

Bechuanaland. ZNB, Mafeking, on 5.90 mc., 50.84 meters, heard 1:30 to 2:30 P.M. using English. Address is P. O. Box 106, Mafeking, (Broadhurst, England). We were informed ZNB closed down when the regular South African stations started broadcasting.

Belgian Congo. OQ2AA "Radio Leo," Leopoldsville, is shown in Spanish magazine on 9.525 mc. instead of 6.14 mc. Schedule is Sundays at 8:30 A. M. (Stockbridge, Mass.)

Egypt. SUX, Cairo, 7.865 mc., a regular phone station, is broadcasting music often between 1:30 and 3:30 P.M. Signs on with clock striking at 1:30 P. M. and off at 3:30 P. M. usually with National anthem. Uses chimes

as interval signal and uses English Mondays 3:15 to 3:40 P.M. (Stockbridge, Legge, Baines and Broadhurst).

Rhodesia. Amateur VQ2CM is being used by the government on 7.50 mc. to broadcast news daily noon to 12:30 P.M.

ASIA

Burma. Rangoon is reported on 6.007 mc., 6.047 mc. and 6.056 mc. by different persons in the United States between 7:00 and 9:45 A.M.

China. A station XGRX, no location, is reported near 8.22 mc. between 6:00 and 7:00 A.M. Another station is on 9.84 or 9.85 mc. daily 7:00 to 8:15 A.M. using call like XGSE. Gives no location but says "Chinese Short Wave Station," (McDermott, N. Y.) Sherman Wang, director, The Chinese International Broadcasting Station, Chungking, tells member Stockbridge that new verification cards for XGOX and XGOY are being made, but he does not mention XPSA. We would like to know if XPSA is still on 6.97 mc. 5:30 to 11:10 A.M. and 6:00 to 7:00 P.M., as it is doubted by at least one person. Listen 9:00 to 9:10 A.M. for English announcements. XGOY is on 9.65 mc. 9:00 to 9:40 A.M. and XGOX is on 15.20 mc. 8:30 to 9:30 P.M. and 10:00 to 11:00 P.M. Some say XMHA, Shanghai, operated by Japanese is on 11.86 mc. 5:00 to 11:00 A.M.

India. VUD-4, Delhi, on 15.30 mc. is heard nightly at 9:30 P.M. and VUD-3 on 15.16 is no longer heard, (Lucke, Ill.) VUM-2, Madras, on 11.87 mc. heard several times around 6:30 A.M. to 10:00 A.M. (Lucke, Ill.) Listeners should dial on 15.16 mc., 15.30 mc., 9.59 mc. and 9.55 mc. between 9:30 and 10:30 P.M. and on 4.82 mc., 4.88 mc. and 4.96 mc., 7:30 to 11:00 A.M. VUM-2 on 11.87 uses English at 10:20 P.M. (Samuel, New Zealand).

Japan. Stations are operated on 7.25 mc., 9.53 mc., 11.80 mc. and 15.16 mc. On January 29th the Communications Committee of Japan voted to establish more stations and extend service, (Honda, Calif.) Telephone stations heard sending programs are reported. JVL on 11.66 mc. 5:00 to 6:00 P.M., JVV-3 on 11.72, 4:00 to 5:00 P.M. and JVH on 14.60, 7:00 to 8:00 P.M. (Gallagher, Calif.)

Thailand. HS6PJ, on 19.02 mc. broadcasts Mondays 8:00 to 10:00 A.M. and HSP6 on 7.968 mc. broadcasts all other days at this same time. They use English at 8:00 A.M. Interval signal is three chimes and bells. News in English is given at 8:45 A.M. (Boothroyd, England and Clark, N. Y.) HSP6, heard as early as 7:30 A.M. (Legge, N. Y.)

Turkey. Radio Ankara on 15.19 mc. uses English at 7:15 A.M. and on 9.50 mc. at 2:15 P.M. This is a tip on when to tune, (Broadhurst, Eng.)

EUROPE

Albania. ZAA, Tirana, broadcasts on 7.84 mc. from 6:00 to 8:30 A.M. then goes on 6.08 mc. from 12:20 to 5:00 P.M., according to verification. Does not show 9.93 mc. (Stockbridge, Mass.)

Bohemia. OLR4A, Praha, on 11.84 mc. is still broadcasting evenings, (McDermott, Havlena, Fister, Woodward and Fink).

Denmark. OZU on 7.26 mc. is heard almost daily 2:00 to 5:00 P.M. (Broadhurst, England). Other stations supposed to broadcast soon are

OXY-3 on 6.04 mc., OXY-2 on 6.17 mc., OZI-3 on 17.83 mc. and OZI-2 on 17.81 mc.

England. Twenty-one frequencies are now used by the English to broadcast programs. These are 6.05, 6.11, 7.23, 7.26, 9.51, 9.58, 9.60, 9.69, 11.75, 11.82, 11.86, 15.14, 15.18, 15.26, 15.31; 17.79; 17.81; 21.47; 21.53; 21.55 and 21.64. The latest schedule we have is shown in our station list.

Finland. Lahti is now using 6.12 mc., 9.50 mc., 11.78 mc. and 17.80 mc. as well as 15.19 mc. Reported as follows: On 6.12 mc. 1:20, 2:40 and 4:30 P.M. (Broadhurst, England). At 3:40 P.M. (Boothroyd, England). On 9:50 mc. 1:15 to 5:00 A.M. (Samuel, N. Z., Brewer, Arizona and Kayander, Mass.) At 4:30 P.M., not A.M. (Boothroyd, Eng.) OFE on 11.78 mc. 2:00 to 6:00 A.M. almost daily, (Boothroyd, Eng.) OIE on 15.19 2:00 to 3:00 A.M. (Boothroyd). From 9:30 A.M. to 5:15 P.M., English at 4:15 (Westerberg, Mass.) Between 1:15 and 4:00 P.M. (Waite, N. Y. and Kayander, Mass.)

France. This country can be heard on 7.28 mc., 9.52 mc., 11.72 mc., 11.84 mc., 11.88 mc., 15.13 mc., 15.29 mc. and 17.76 mc. Our schedules are made up as best we can make them considering the sudden changes made by the stations. Different from schedule is TPB-6 on 15.13 mc. reported at 10:30 A.M. (Russell, Md.) and TPC-6 on 9.52 mc., 1:00 to 1:45 A.M. (Broadhurst, England).

Germany. Not to be outdone by the Allies, Germany is now heard or reported on twenty-four frequencies. Many of them are used to give fifteen minute news reports throughout the day. They are DJC on 6.02, DXJ on 7.24, DXM on 7.27, DJI on 7.29, DJN on 9.54, DJA on 9.56, DJB on 9.61, DJW on 9.65, DJX on 9.67, DXQ on 9.97, DZB on 10.07, DZC on 10.29, DZD on 10.54, DJD on 11.77, DJZ on 11.80, DJP on 11.85, DJL on 15.11, DJB on 15.20, DJR on 15.34, DJE on 17.76, DJH on 17.84 and DJS on 21.45. A DXQ on 6.17 mc. is reported 2:40 to 3:25 P.M. and DXH on 6.70 mc. all afternoon. DXM on 7.27 is reported 6:15 to 9:00 P.M. (Ebbecke, Pa.) DJP till 11:40 A.M., not just 11:00, (Russell). DZD on 10.56, not 54, till 11:00 P.M. (Westerberg). The new stations DXJ on 7.24 is heard 11:45 to 4:30 P.M. and 5:00 to 9:00 P.M. and DJI on 7.29 from noon to 5:30 P.M. **Late News Flash:** A new German heard on 9.47 mc., 9:15 P.M. (Nichols, Pa.) DXQ on 6.16 mc evenings, and DJK, 12.03 mc. at 1:45 P.M., both new stations, (Fister, N. Y.)

Hungary. Budapest announces changes to take place April 14th, but we can't catch the schedule. HAT-5 on 9.125 mc. will broadcast nightly and HAD-4 on 11.85 mc. will operate from 5:30 P.M. according to one reporter, and HAT-5 will be on 9.625 mc., 6:35 to 8:00 P.M. and HAD will be on 11.83 mc. according to another, (McDermott and name withheld).

Italy. This country is now reported on 6.08 mc., 6.98 mc., 7.22 mc., 9.64 mc., 9.67 mc., 9.83 mc., 11.67 mc., 11.76 mc., 11.81 mc., 11.90 mc., 15.10 mc., 15.24 mc., 15.30 mc., 17.82 mc. and 17.85 mc. New ones reported this month are 2RO-1 on 6.08 mc., 6:00 to 11:00 P.M., 2RO-13 on 11.90 mc. around 11:00 A.M. and 2RO-26 on 17.85 mc. mornings. Rome on 17.87, 9:00 A.M. to noon, too, (Ebbecke, Pa.)

Norway. The latest schedule shown on veri is as follows: LLH on

9.645 mc. week-days, 1:00 to 1:10 A.M., 4:15 to 7:50 A.M., Sundays 1:20 to 8:00 A.M. LKQ on 11.735 mc. week-days 10:00 A.M. to 12:30 P.M., Sundays 9:30 A.M. to 12:30 noon. LKV on 15.17 mc. week-days 12:30 to 4:00 P.M., Sundays till 4:30 P.M. LKJ on 6.13 mc. and LLG on 9.61 are off the air, (Clark, N. Y.)

Portugal. Portugal is using a variable schedule on almost all frequencies. CSW-4 on 15.21 mc. heard 8:00 A.M. to 3:00 P.M., CSW-5 on 11.84 mc. heard 11:00 A.M. to 3:00 P.M.; CSW-6 on 11.04 mc. heard 1:00 to 3:30 P.M.; CSW-7 on 9.74 mc. reported coming on at 3:00, 4:00 and 5:00 P.M. and signing off at 6:00, 8:00 and 9:00 P.M. and CSW-8 on 7.22 mc. reported 4:00 to 5:00 P.M. Tuesdays, Thursdays and Saturdays, (Oliver, Bird, Baines, Callan, Iball, Boothroyd).

Roumania. Members Boothroyd and Casals insist the station heard last summer on 15.14 mc. is Banasea, Roumania, and not a Russian. At least a dozen others insist it was a Russian. Now, after being reported on 12.12 mc., 15.37 mc. and 15.41 mc. it is said to be on 9.23 mc. noon to 5:00 P.M. with news in English at 4:45 P.M. We ask readers especially those in Europe, to check this. Also reported at 7:00 P.M. once, using Bugle Call.

Russia. A completely revised list of stations is in our list. A new Russian is on 9.69 mc., 1:00 to 5:00 P.M. according to official schedule. Was heard 6:00 to 7:00 A.M. (Samuels, New Zealand). Others are on 6.00 mc., 6.03 mc., 7.36 mc., 7.52 mc., 9.60 mc., 9.52 mc., 11.64 mc., 11:90 mc., 15.04 mc. and 15.18 mc.

Spain. A list of stations appearing in a Spanish magazine shows these: Aranjuez—EAQ, Alcazarquivir—EA9JB, Cadiz—EA7BA, Ceuta—FET-21, El Tablero—Tenerife, Jaca—EA2BH, Malaga—Radio Malaga, Melilla—EA9ME, Las Palmas—EA8AE, Oviedo—FET-22, Teutan—FET-11, Valladolid—FET1. It does not show EAR on 9.48 mc. in this list but shows it in their world-wide list. It does not say how many of these stations broadcast, but member Broadhurst of England reports FET-1 on 7.07 mc. at 3:30 P.M. and FET-22 on 7.135 mc. at 3:15 P.M. EAQ on 9.86 mc. is heard till 9:30 P.M., not just 8:00 as mentioned in reports, (Sunny, N. Y.)

Sweden. SBT on 15.15 mc. has replaced SBU on 9.53 mc. 8:00 to 9:00 P.M. along with SBP on 11.73, (Edwards, Pa., Fink, Mich. and Westerberg, Mass.) Heard using English daily on 6.06 mc. and 9.53 mc. at 4:45 P.M. (Broadhurst, England).

Switzerland. Schwarzenberg is on 9.535 mc. 9:45 to 11:15 P.M. for North America and on 11.865 mc. 7:45 to 9:45 P.M. for South America, Mondays and Wednesdays. HBO on 11.40 mc. used Tuesdays and Saturdays 1:30 to 2:15 P.M. in English, (Broadhurst). HBJ on 14.53 mc. used nightly at 7:55 P.M. (Westerberg, Mass.)

SOUTH AMERICA

Argentina. Telephone stations LSX-2 on 10.35 mc. and LSX-3 on 9.77 mc., the later a new station, are heard evenings broadcasting. They are in Buenos Aires, (Ebbecke, Pa.)

Brazil. PRF-5 Rio de Janeiro is on 11.85 mc. now instead of 9.50 mc.

6:00 to 7:00 P.M. (Ebbecke, Pa.) PYA-2, a phone station on 9.295 mc. heard broadcasting 5:00 to 6:00 P.M. (Name withheld).

British Guiana. VP3BG, Georgetown, is now heard on 4.88 mc. as well as 6.13 mc., 11:00 A.M. to noon and 3:00 to 9:00 P.M.

Colombia. HJCW, Bogota is on 4.945 mc. broadcasting 7:30 to 11:00 P.M. using slogan "Emisora Sud America" and signing off with "Liszt's Hungarian Rhapsody" (Bird, Del.) Is HJCB and they relay HJCE, (Gallagher, Calif.) Uses call HJCO, (Legge, Clark and Oxrieder). Is HJCW, relays HJCO and says 4,935, although on 4.945, (Bird).

Ecuador. Quito, is on 12.46 mc. testing a new 10 kw. transmitter between 7:30 and 10:00 P.M. Strange to say, this is reported as half a dozen different calls and the same number of different locations. It is HJCB.

Paraguay. ZP-14, Villarica on 11.72 mc. heard 7:00 till 8:00 P.M., off schedule, (Bird, Del and Solito, Pa.)

Peru. OAX1A, Chiclayo, moved from 6.33 mc. to 6.15 mc. (Lundberg, Minn.) An OAX4 using slogan "Radio Lima," heard on 6.135 mc. (Oxrieder, C. Z.)

Uruguay. From Servicio Oficial de Difusion Radio Electrica (SODRE) comes a review of their activities and plans. They now operate CXA-4 on 6.125 mc. and CXA-6 on 9.62 mc. with 2 kw. power. Under construction are CXA-10 on 11.89 mc., CXA-18 on 15.30 mc. and a new CXA-6 on 9.62 mc. with 20 kw. power, also CXA-1 on 6.20 mc. with 50 kw. power. They also plan to operate television experiments on CXA-21 on 26.50 mc., CXA-22 on 29.50 mc., CXA-23 on 43.50 mc. and CXA-24 on 58.00 mc. (Stockbridge, Mass.) CXA-7 on 11.48 mc. relays CX-36 evenings. It is at Montevideo, (Oxrieder, C. Z.) CXA-14, Colonia, is on 11.827 mc. relaying LR-5 7:00 to 8:00 P.M. (Legge, N. Y.)

Venezuela. YV1RO announces location at Caracas, not Trujillo and signs at 10:00, not 10:30 P.M. on 4.87 mc. (Lundberg, Minn.) A new station using the call YV5RQ, at Caracas, is on 4.95 mc., relaying YV5RE "Radio Falcon" where YV4RO Valencia is usually heard, (Gallagher, Calif.) YV5RH, Caracas, is using 5.915 mc. instead of 4.83 mc. these days, (Oxrieder, C. Z.)

CENTRAL AMERICA

Costa Rica. TIWS, Punterenas, is still on 6.37 mc. broadcasting evenings, (Oxrieder, Lundberg). TI7RVN, not M, at Guanacaste is on 6.035 mc. and was heard at 1:45 to 3:00 A.M. once asking for reports and promising free veries, (Shaffer, Iowa). Is TI7RVM, usually signs off at 10:30 P.M. (Fister, N. Y.) TIRH, San Jose, heard on 6.15 mc. near where TILS is heard, (Oxrieder, C. Z.)

Mexico. XBHX, "Banco Nacional de Mexico" at Mexico City is on 10.05 mc. evenings now. This is former XBJQ. Address is Banco Nacional de Mexico, Apartado 14 bis, Mexico City (Howe, Conn.) XEQQ on 9.68 mc. is heard from 2:00 P.M. to as late as 4:00 A. M. next day, (Casals, Dom. Rep.) XETA, Monterey, is now on 9.55 mc. where XEFT used to be heard.

Panama. HP5K, Colon, on 6.00 mc., is broadcasting 7:00 to 9:30 A.M. and 5:30 to 11:00 P. M., not 7:00 A.M., straight through to 11:00 P.M. according to verie, (Jones, Tenn.)

Salvador. YSP on 10.40 mc. heard till midnight off schedule, (Westerberg, Mass.) Heard at 6:15, off schedule, (Bird, Del.) YSW on 6.145 mc. heard till 11:00 P.M. list says 8:30 to 10:00 P.M. (Westerberg, Mass.)

WEST INDIES

Bahamas. ZIO on 8.14 mc., ZSS on 4.51 mc. and ZSR on 3.12 mc. are testing again around 9:00 P.M. (Name withheld). Letter says these are not broadcasters, (Fountain, Texas). ZNS, Nassau, on 6.09 mc., veries say 8:00 to 9:00 P.M., but station is heard 7:45 to 9:30 and 10:30 P.M. (Stark, Nichols, Zimpleman and Gallagher).

Barbados. The government operates a station on 3.95 mc. which broadcasts daily 6:30 to 7:00 P.M., giving news, (Watkins, Barbados).

Cuba. COCY, on 9.23 mc. now relaying CMBX programs instead of COBX, on 9.15 mc. reported as early as 4:00 P.M. and as late as 2:00 A.M. (Greenman, Lundberg, Callan, Bird). COCX, Havana, on 9.20 mc. now, having moved from 11.74. Slogan "Casa Lavin," (Bird, Del.)

Curacao. PJC-1, Willemstad, heard again on 5.94 mc. at 8:15 P.M. and at 9:00 P.M., signing off at this time each time, (Westerberg, Mass.. Oxrieder, C. Z.)

Haiti. HH2W, Port-au-Prince, heard on 5.92 mc., not 5.98, (Westerberg). (This station has been reported on 5.92, 5.96 and 5.98 mc. in recent issues). HH3W, same city, is heard on 9.79 mc. and 6.35 mc., both at the same time till 9:00 P.M. but they do not announce 6.35 mc. (Legge and Lundberg). Now on 6.57 mc. (Legge, N. Y.)

Jamacia. ZQI on 4.75 mc. broadcasts Fridays 5:30 to 6:30 P.M. with 250 watts power. They hope to have 1000 watts soon and broadcast daily. This is from the Information Officer, Government of Jamaica. Address is No. 2, Seaview Avenue, Half-way Tree, Jamaica, (Stockbridge, Mass.)

NORTH AMERICA

Canada. CJRO, Winnipeg, Manitoba, on 6.15 mc., gives schedule as 8:30 to 1:30 A.M. next day, but was heard 6:00 to 7:00 P.M. (Bird, Del.)

Hawaii. HKE, Honolulu, on 17.95 mc. is a phone station rented to relay programs Saturdays and Sundays 8:30 to 9:00 P.M. (Walters and Stockbridge). This station, and no Hawaiian broadcaster will verify. KIO, 11.68 mc. used now, (Oxrieder, C. Z.)

U. S. A. Bound Brook was heard on 9.49 mc., a new frequency, signing off at 11:00 P.M. (Rislow, N. Dak.) WRUW and WRUL both are mixing up schedules again according to reports received from members Stockbridge and Rislow.

STATIONS UNDER CONSTRUCTION

Palau. The Japanese Broadcasting Corporation announce that a new 10 kw. short wave station at Palau (Pelew) South Seas (135 E-S N) will be launched in November, (Honda, Calif.)

Belgium. New 45 kw transmitter scheduled to open this month on 11.85 mc. sending programs to Africa.

Norway. LLS, new transmitter on 7.21 mc. scheduled to open soon using 5 kw. power. Wonder what the war means?

Brazil. New 20 kw. transmitter at Rio de Janeiro will operate soon as follows: On 6.20 mc., 9.50 mc., 9.585 mc., 9.60 mc., 11.71 mc., 11.825 mc., 11.89 mc., 15.145 mc., 15.37 mc. and 17.835 mc.

Greece. New transmitter at Sparta will broadcast at follows: SVD on (6.885), SVL (7.228), SVG (7.805), SVH (9.03), SVI (9.695), SVJ (9.825), SVM (9.935), SVN (10.705), SVP (12.195), SVQ (13.64) and SVT (15.015).

Iraq. The Director General of Posts & Telegraphs will open a new 5 kw. transmitter at Baghdad soon. Details follows: HNE (6.188), HNG (11.724), HNK (15.145), and HNI (18.815).

Iran. The long awaited stations are still unreported. These are EQD on 4.83 mc., EQC on 9.68 mc., EQE on 11.73 mc. and EQF on 11.89 mc. EQC was reported one Monday 7:00 to 8:00 A.M. but it is pretty nearly certain that this was XEQQ Mexico, also on 9.68 mc.

WITH THE REPORTERS

Edwin Broadhurst, Urmston, Man, England; S. Boothroyd, Oldham, Lancs, England; L. J. Keast, Randwick, N. S. W., Australia; E. Miles Samuel, Wellington, New Zealand; Gus G. Gallagher, San Francisco, Cal.; Harry Honda, Los Angeles, Cal.; Samuel Solito, Leetsdale, Pa.; George Ebbecke, Philadelphia, Pa.; Ford Edwards, Wilmerding, a.; Jimmy Neyle, Union City, New Jersey; William Bird, Jr., Wilmington, Del.; Hilding Westerberg, Westboro, Mass.; Frank W. Stockbridge, Westboro, Mass.; H. G. Rislow, Walhalla, North Dakota.

Captain George McDermott, Staten Island, N. Y.; LeRoy Waite, Balston Spa, New York; Arthur Sunny, New York City; Charles Haylena, Washington, D. C.; Dixon Russell, Baltimore, Maryland; Harild B. Schubert, Britt, Iowa; L. D. Brewer, Phoenix, Arizona; J. P. Jones, Memphis, Tenn.; Ray Shaffar, Waterloo, Iowa; S. Fink, Detroit, Mich.; Thomas Nichols, Philadelphia, Pa.; F. E. Woodward, Malden, Mass.; Capt. O. B. Oxrieder, Corozal, Canal Zone; Roger Legge, Jr., Binghamton, N. Y.; H. J. Fister, Brooklyn, N. Y.

**YOUR SUBSCRIPTION
EXPIRES THIS ISSUE**

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**THE VOICE OF THE
INTERNATIONAL SHORT WAVE CLUB**

EAST LIVERPOOL, OHIO, U. S. A.

SHORT WAVE NEWS

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 HEARD

Iran (Persia). The long awaited Teheran station was opened April 23 by the Crown Prince of Iran. The program was sent on 15.10 mc. (19.87 meters), a totally different frequency than announced previously in other magazines and our own. (Boothroyd, England).

Philippines. KZRC, Cabu, operated by H. C. Heacock Co., owners of KZRH, is on 6.10 mc. broadcasting 11:00 P.M. to midnight and 4:00 A.M. to 9:00 A.M. (Philippine Herald).

Nicaragua. YN2FT, Granada, 7.193 mc., using slogan "La Voz de Sultana" heard daily 8:00 to 10:00 P. M. Owner is Jose F. Tercero, (Legge, N. Y.) YN7AG, Masaya, operated by Rafael R. Arjona, is 50 watt transmitter broadcasting on 7.66 mc. Mondays in the evenings, (National Radio Club).

Canton Island. KVZC on 8.10 mc., heard at 2:00 A.M. working Hawaii, (Legge, N. Y.) This is not a broadcaster, but is a new country. Several members also report a Canton Island amateur, KF6JEG, on 14.21 mc., between 11:00 P. M. and 4:30 A. M. working other amateurs, (Editor).

Uruguay. CXA-19, Montevideo, on 11.70 mc. using slogan "El Espectador," heard 6:00 to 8:00 P. M. (Legge, N. Y.)

Cincinnati, Ohio. WLWO, Crosley Radio is now using 9.59 mc. with 50 kw. power, (Rislow, Seaton, Nichols). Schedule is Sunday 8:00 A.M. to noon, Mondays and Thursdays 5:45 A.M. to 5:45 P.M. and 10:00 P.M. to 2:00 A.M., Tuesdays and Fridays 5:45 A.M. to noon, Wednesdays 5:45 A.M. to noon and 9:00 P.M. to 2:00 A.M., Saturdays 5:45 A.M. to 5:45 P.M.

GENERAL NEWS

ANTARCTICA

KTRK, 12.86 mc., heard 10:00 P.M. to 11:45 P.M. working commercial station WET and WCG before broadcasts, (Waite, N. Y. and Legge, N. Y.) KC4USA, West Base and USB, East Base, both on 14.15 mc. heard, USA usually around 1:00 to 5:00 A.M., USB around 10:00 to 11:00 P.M. Uses beam to USA starting at 2:30 A.M. (Werner, Calif.) Heard 7:00 A.M. (Legge, N.Y.) Heard 8:06 A.M. (Waite, N. Y.)

OCEANIA

Australia. VLQ, VLQ2 and VLQ5 are at Sydney, VLR and VLR3 at Melbourne. VLW, VLW2 and VLW3 at Perth. VLQ, VLQ2, VLQ5, VLR

and VLR3 all verified through this address. P. O. Box 487AA, Sydney, (Stockbridge, Mass.) Veri says VLR3 on 11.85 mc. daily 3:30 P.M. to 2:15 A.M. VLR on 9.58 mc. 2:30 A.M. to 9:30 A.M. (Seaton, Tenn.) VLQ-2 on 11.87 mc. now heard midnight onward, saying they are on 31 meters also, (Gallagher, Calif.) VLW-2 Perth on 9.645 mc. now daily 5:15 A.M. to 11:00 A.M. (Callan, Mass.)

Fiji Islands. VPD-2, Suva, on 9.53 mc. broadcasts daily 4:00 to 5:00 A.M. but can be heard either phoning Australia or broadcasting 1:00 A.M. to 6:30 A.M. Heard at 1:00 A.M., 3:00 A.M. (Seaton, Tenn.)

AFRICA

Egypt. SUX, 7.865 mc., the mystery station, broadcasts between 1:30 and 3:30 P.M. Signs on with clock striking, uses English Mondays 3:15 to 3:40 P.M. Veri received from Egyptian State Telegraph & Telephones, Cairo, (Stockbridge, Mass.) Another says Egyptian Station Broadcasting, Radio House, Sharia Elwi, Cairo, (Legge, N. Y.) It is said that Egypt will also be heard on 6.01 mc. and 11.78 mc. between 1:30 and 3:30 P.M. before long, or even now, (Editor).

Mozambique. CR7BE, once on 9.64 mc. is now using 9.71 mc. daily 2:00 to 4:00 P.M. (Seaton, Tenn.; Callan, Mass.; Clark, N. Y.) CR7BG, on 15.285 mc. is broadcasting daily 7:00 to 8:00 A.M. (Legge, N. Y.) We also have a report saying CR7BE on 9.64 mc. is broadcasting 7:00 to 8:00 P.M. for America.

Portuguese West Africa. CR6RD, Bengualla, Angola, on 10.99 mc. is reported in the National Radio Club, 3:00 to 4:00 P.M. Anyone hearing it?

Union of South Africa. ZRL on 9.61 mc., ZRH on 6.00 mc. and ZRO on 9.75 mc. can all be heard at midnight now.

ASIA

China. XGOX, Chungking, has not been heard on 15.20 mc., 8:30 to 10:30 P.M. for some time. We heard they moved to 8:05 mc., but have no proof. Member Callan says they simply moved to 15.19 mc. to avoid DJB. XGOY on 11.90 mc. uses English at 5:30 A.M. and 7:30 A.M. RIG, Russia, on 11.90 mc. gives them trouble, (Callan, Mass.)

India. The best reception from India is VUM-2, Madras, on 11.87 mc. from 6:30 A.M. (Callan and Castleman).

Indo-China. Radio Saigon on 11.78 mc. is reported well now in America from 5:45 A.M. on. Tested at half-hour periods, 11:30 A.M. to 2:00 P.M. for North America one Thursday, (Gallagher, Calif.)

Iraq. HNF, Baghdad, verified saying they are on 7.08 mc. and 9.82 mc. daily 8:00 A.M. to 2:00 P.M. This is new frequency and schedule. Veri was typed paper signed by B. Emin Zeki, Engineer-in-Chief, Iraq State Broadcasting, Baghdad. No other address given, (Smith, Kentucky).

Japan. A new schedule is in effect. JZI is used 2:00 to 4:00 P.M. on 9.53 mc. JZJ is used midnight to 1:30 A.M., 7:00 to 9:30 A.M., 2:00 to 4:00 P.M. and 4:30 to 5:30 P.M. on 11.80 mc. JZK is used 7:00 to 9:30 A.M. and 4:30 to 5:30 P.M. JLS2 on 18.845 mc. is used 8:00 to 9:00 P.M. for North America listeners, (Callan, Mass.; Castleman, Tenn.; Capes, Ill., and Woodward, Mass.) JVV3, an experimental station on 11.73 mc.

heard relaying baseball games at midnight and also heard around 4:00 to 5:00 P.M. (Gallagher, Calif.)

Turkey. New schedule. TAQ on 15.195 mc. broadcasts week-days 5:30 to 7:00 A.M. Saturdays 6:30 to 8:30 A.M. and Sundays 5:30 to 7:30 A.M., while TAP on 9.465 mc. broadcasts daily 11:00 A.M. to 4:30 P.M. This is from veries, (Edwards, Pa. and Castleman, Tenn.)

EUROPE

Albania. ZAA, Tirana, broadcasts on 7.84 mc. from 6:00 to 8:30 A.M. then goes on 6.08 mc. from 12:20 to 5:00 P.M., according to verification. Does not show 9.93 mc. (Stockbridge, Mass.)

England. Twenty-one frequencies are now used by the English to broadcast programs. These are 6.05, 6.11, 7.23, 7.26, 9.51, 9.58, 9.60, 9.69, 11.75, 11.82, 11.86, 15.14, 15.18, 15.26, 15.31; 17.79; 17.81; 21.47; 21.53; 21.55 and 21.64. The latest schedule we have is shown in our station list.

Finland. Lahti is now using 6.12 mc., 9.50 mc., 11.78 mc. and 17.80 mc. as well as 15.19 mc. Reported as follows: On 6.12 mc. 1:20, 3:40 and 4:30 P.M. (Broadhurst, England). At 3:40 P.M. (Boothroyd, England). On 9:50 mc. 1:15 to 5:00 A.M. (Samuel, N. Z., Brewer, Arizona and Kayander, Mass.) At 4:30 P.M., not A.M. (Boothroyd, Eng.) OFE on 11.78 mc. 2:00 to 6:00 A.M. almost daily, (Boothroyd, Eng.) OIE on 15.19 2:00 to 3:00 A.M. (Boothroyd). From 9:30 A.M. to 5:15 P.M., English at 4:15 (Westerberg, Mass.) Between 1:15 and 4:00 P.M. (Waite, N. Y. and Kayander, Mass.)

Germany. Reported on twenty-four frequencies, and maybe two others. They are 6.02, 6.17, 7.24, 7.27, 7.29, 9.54, 9.56, 9.61, 9.65, 9.67, 10.07, 10.29, 10.54, 11.77, 11.80, 11.85, 15.11, 15.16, 15.18, 15.20, 15.34, 17.76, 17.84, 21.45 mc. New ones are DXS on 15.16 mc. at 6:30 to 9:00 A.M. (Callan, Mass.) and DXT on 15.18 mc. around 8:30 A.M. with flash news. DZD, 10.54 mc. and DJR on 15.34 mc. heard till 11:00 P.M. new schedule, (Oliver, Texas). DJR, 8:00 to 9:00 P.M. (Woodward). DXQ, on 6.17 mc. daily 2:40 to 3:25 P.M. (Callan).

Hungary. HAT5 on 9.625 mc. is heard 6:35 to 8:00 P.M., but bothered by HJCT most of the time, (Castleman, Tenn.) HAD-4 on 11.85 has not been reported as yet, (Editor).

Ireland. Radio Eireann is on 17.84 mc. every other day now in afternoons, (Callan, Mass.)

Italy. This country is now reported on 6.08 mc., 6.98 mc., 7.22 mc., 9.64 mc., 9.67 mc., 9.83 mc., 11.67 mc., 11.76 mc., 11.81 mc., 11.90 mc., 15.10 mc., 15.24 mc., 15.30 mc., 17.82 mc. and 17.85 mc. Late reports are 2RO-12 on 15.10 mc. used afternoons after 4:00 P.M. and 2RO-15 on 11.76 mc., not on the air 6:00 to 10:15 P.M. now. (Callan, Mass.) 2RO-20 on 17.78 mc. not 17.85, heard 10:00 to 11:00 P.M. evenings, (Bird, Del.)

Norway. No word has been received of the Norwegian broadcasters since the German invasion. Mr. McDermott says some Norwegian is on 49.31 and near 19 meters working England, irregularly.

Roumania. A station is supposed to be on 9.234 mc. now with English at 4:45 P.M. No one has proof that there is such a station, however.

Russia. Here is a complete picture of Russian broadcasters. RAN, Moscow, has 20 kw. power on 9.60 mc., 10.49 mc. and 16.30 mc. RV15, Khabarovsk, has 20 kw. on 4.27 mc. RW59 at Irkutsk, has 20 kw. on 6.05 mc. RKI, Moscow, has 25 kw. on 7.52, 7.54, 15.04 and 15.08 mc. RNE, Moscow, has 20 kw. on 6.00 and 12.00 mc. RW96, Moscow, has 100 kw. on 6.03, 9.52, 9.685, 15.18, 15.27 and 15.41 mc. RIA, Taskent, we believe, 20 kw. on 11.70 and 16.12 mc. RIC, location unknown, 15 kw. on 11.64. RIF, location unknown, 15 kw. on 11.90 and 18.02 mc. RKE, location unknown, 15 kw. on 11.63 mc. RWG, location unknown on 7.36 and 14.72 mc. Not all are in use. From 7:15 to 9:15 P.M., 9.60 mc., 12.00 mc., 15.04 mc. and 15.18 mc. are used, although they once announced 9.69 mc. (Greeman, Callan, Woodward). RV96 was on 15.41 mc. for a time, between 10:00 P.M. and midnight, (Callan, Gallagher, Oliver, Seaton). RNE on 12.00 mc. also heard at midnight, off schedule, (Gallagher and Callan). Russian heard on 7.55, not 7.52 till 10:15 P.M. (Bird, Del.) Russian heard on 15.25 mc. along with RNE once, (Callan).

Spain. EAQ, Madrid, 9.86 mc., heard sending Oriental programs around 12:50 A.M. (Lippincott, Mass.)

Switzerland. HBO on 11.40 now used Mondays and Wednesdays 6:45 to 8:15 P.M. and 8:45 to 10:15 P.M. and HBL on 9.34 used Wednesday 8:45 to 10:15 P.M. (Callan, Mass.) HBO used Tuesdays and Saturdays 1:30 to 2:15 P.M. (Broadhurst, Eng.) HBJ on 14.53 mc. used nightly 7:55 P.M. (Westerberg, Mass.)

Vatican City. HVJ on 9.66 mc. heard starting at 8:30 P.M., not 8:00 and also on 11.74 mc., same time, (Woodward, Mass.) Is on 11.74 mc. Sundays and Thursdays 8:30 to 8:45 P.M. (Castleman, Tenn.)

Yugoslavia. YUF-G, on 15.24 mc. has now changed schedule. Now heard 8:00 to 9:00 P.M. for South America and 9:00 to 10:00 P.M. for North America, (Clark, Callan, Gallagher). Also heard 11:00 A.M. to 1:00 P.M. (Gallagher). YUE on 11.735 mc. no longer heard, 9:00 to 10:00 P.M.

SOUTH AMERICA

Brazil. Letter says PSH on 10.22 mc. used daily 6:00 to 7:00 P.M., Mondays 8:00 to 8:30 P.M., Fridays 7:00 to 7:30 P.M. PSE, on 14.933 mc. used Wednesdays 4:00 to 4:30 P.M., Thursdays and Saturdays 3:00 to 3:30 P.M. (Boothroyd, England). PRF5 is reported on 11.85 mc. instead of 9.50, 6:00 to 7:00 P.M. (Ebbecke, Pa.)

Bolivia. "Radio Ilumani," heard on 15.16 mc. one Thursday, 8:00 to 9:00 P.M. (Greenman, Ohio).

Colombia. We have another "Official List" that shows HJFB, Manizales, on 4.765 mc.; HJDG, Quibdo, on 4.80 mc.; HJCD, Bogota, on 4.845 mc.; HJFC, Bogota, on 4.855 mc. and HJAG, Barranquilla, on 4.905 mc., but does not show HJFK on 9.73, HJFC on 9.70 mc., both heard. However, HJFB is on 6.11 mc. using the call HJ6ABB. HJCD is on 6.16 mc. still; HJCF is using their old call HKF on 6.075 mc. and HJAG, after trying 4.905 mc. is back on 6.04 mc. As for HJDG, we have not received a reception report on it yet. The station on 4.945 mc. is HJCW on short waves. HJFH, Armenia, has a new 2,500 watt transmitter now in place of

500 watts and can be heard on 4.875 mc. and 9.75 mc. (Callan, Mass.) The official list shows no 9.75 mc. HJFC, Pereira, 4.91 mc. heard till 1:00 A.M. often (Westerberg).

Ecuador. HCJB, Quito, 12.46 mc. has new 10 kw. transmitter that many mistake for a new station because of the volume. We have two schedules. One is 7:00 to 8:00 A.M., noon to 2:00 P.M. and 5:00 to 10:00 P.M. except Mondays, English at 10:00 P.M. daily, (Seaton, Tenn.) Another is 7:00 to 8:15 A.M., 11:00 A.M. to 12:30 P.M., 5:00 to 10:30 P.M., (Callan, Mass.) Both came from the station owner. HC1ETC, Quito, moved back to 9.35 mc. from 8.00 mc. (Westerberg, Mass.)

Peru. Some OAX4 station is on 6.185 mc. nights, (Oxrieder, C. Z.) OAX4R, Lima, on 15.15 mc. sent a special program in March between 5:00 and 6:00 P.M. Anyone hearing it now?

Venezuela. Station on 4.99 mc. is YV3RC, not RK, (Seaton). Station YV5RQ on 4.95 mc. is heard relaying YV5RE, "Radio Falcon," where YV4RO, Valencia, is supposed to be heard. Any explanation? (Gallagher, Calif.)

CENTRAL AMERICA

Costa Rica. TIWS, Punterenas, is still on 6.37 mc. broadcasting evenings, (Oxrieder, Lundberg). TI7RVN, not M, at Guanacaste is on 6.035 mc. and was heard at 1:45 to 3:00 A.M. once asking for reports and promising free veries, (Shaffer, Iowa). Is TI7RVM, usually signs off at 10:30 P.M. (Fister, N. Y.) TIRH, San Jose, heard on 6.15 mc. near where TILS is heard, (Oxrieder, C. Z.)

Mexico. XBHX, Banco Nacional De Mexico, reported on 11.11 and 10.05 mc. is a commercial station, not a broadcaster, according to letter received. They are also on 5.40 mc. (Davison, Calif.) XEWI, Mexico City, "My Voice to the World from Mexico," heard on 6.015 mc. again after long absence. Heard 9:00 to 11:00 P.M. (Gallagher, Calif. and Legge, N. Y.) XEBR, Hermosillo, on 11.83 mc. heard coming on at 7:45 P.M., not 8:30 P.M. (Bird, Del.) XEQQ, Mexico City, 9.68 mc., reported signing off at 8:00 A.M. and between 6:00 P.M. and 4:00 A.M. (Callan, Casals).

Nicaragua. YN1IP, Managua, 7:30 mc., operates as amateur week-days, but broadcasts Sundays 10:00 to 11:00 A.M. (Oxrieder, C. Z.)

Salvador. YSM, San Salvador, 11.71 mc., heard coming on at 7:00 P.M., not 7:30 as listed, (Westerberg, Mass.) Anyone hearing YSM on 6.15 mc. now?

WEST INDIES

Cuba. COK is the new call-sign used by COCSD on 11.57 mc. This station is owned by Senior Batiste, Presidential candidate, and the slogan is "Okey Bastiste." The address is announced P. O. Box 625, Havana, and they promise veries. It is usually on the air 7:00 P.M. to 11:30 P.M. (Capes, Callan, Shaffer, Stockbridge, Gallagher, Clark, Stark, McDermott, Westerberg, Castleman). COX-7 verification says 4.29 mc. is used nights and COX-4 on 6.49 used daytime. COX-4 is used 2:00 to 3:00 P.M. and COX-7 6:00 to 10:30 P.M. The veri comes from Enrique S. Morales, Lt.

Director, Secretaria de Defensa Nacional, Ejercito Constitucional, Havana. No postage is necessary, (Stockbridge, Mass.)

Curacao. Verification from PJC-1, Willemstad, says 5.96 mc. or 50.60 meters, and 7:30 to 9:30 local time, which is 6:36 to 8:36 P.M., E.S.T., we believe, (Veri by Clark, N. Y.)

Dominican Republic. HI1X, Trujillo, on 6.34 mc. opens at 7:00 P. M., not 8:00, (Westerberg, Mass.) HI1J, Santiago, is on 5.92, 5.94, 5.95 and 5.98 according to recent reports, so must be moving around. HI6H, Trujillo, on 6.11 mc. heard at 9:40 A.M. and until 6:40 P.M., both not shown on schedule. (Clark, N. Y.)

Haiti. HH3W, Port-au-Prince, is heard now on both 9.79 and 6.57 mc. till 9:00 P.M. (Legge and Westerberg). HH2S, same city, moves between 5.92 and 5.98 mc., the same as HI1J.

NORTH AMERICA

Hawaii. KIO on 11.71 mc. relays KGU programs Saturdays and Sundays 10:00 to 10:30 P.M. now, (Gallagher, Calif.) Will not verify.

WPIT, Pittsburgh, heard on 11.87 mc. 9:00 A.M. to 10:00 P.M. now, (Edwards, Pa.) WRCA, New York, is on 9.76 mc., 31.03 meters, not 9.66 as listed, (Bird, Del.) WRUL, Boston, worked tests with TG-2 Guatemala after midnight several times, (Gallagher, Calif.) Heard on 11.79, 8:00 to 10:30 P.M. (Bird, Del.) Note—WRUL changes schedule about once a week. We list them as best we can.

STATIONS UNDER CONSTRUCTION

Palau. The Japanese Broadcasting Corporation announce that a new 10 kw. short wave station at Palau (Pelew) South Seas (135 E-8 N) will be launched in November, (Honda, Calif.)

Brazil. New 20 kw. transmitter at Rio de Janeiro will operate soon as follows: On 6.20 mc., 9.50 mc., 9.585 mc., 9.60 mc., 11.71 mc., 11.825 mc., 11.89 mc., 15.145 mc., 15.37 mc. and 17.835 mc.

Greece. New transmitter at Sparta will broadcast at follows: SVD on (6.885), SVL (7.228), SVG (7.805), SVH (9.03), SVI (9.695), SVJ (9.825), SVM (9.935), SVN (10.705), SVP (12.195), SVQ (13.64) and SVT (15.015).

Iraq. The Director General of Posts & Telegraphs will open a new 5 kw. transmitter at Baghdad soon. Details follows: HNE (6.188), HNG (11.724), HNK (15.145), and HNI (18.815).

Iran. The long awaited stations are still unreported. These are EQD on 4.83 mc., EQC on 9.68 mc., EQE on 11.73 mc. and EQF on 11.89 mc. EQC was reported one Monday 7:00 to 8:00 A.M. but it is pretty nearly certain that this was XEQQ Mexico, also on 9.68 mc.

Question. What station is on 11.925 mc. daily 2:30 to 5:30 P.M. broadcasting in Arabic or some similar language. It is not CB1180 and uses a whistle for about one or two seconds as an interval signal (Callan and Fellows)?

WITH THE REPORTERS

Frank W. Stockbridge, Westboro, Mass.; L. M. Clark, Enyder, N. Y.; Capt. O. B. Oxrieder, Corozal, Canal Zone; G. C. Gallagher, San Francisco, Calif.; William L. Gill, Pittsfield, Maine; J. L. Davison, Oakland, Calif.; Wm. E. Bird, Ja., Wilmington, Del.; Capt. George McDermott, Staten Island, N. Y.; LeRoy Waite, Balston Spa, N. Y.; Chester Dement, Upper Darby, Pa.; Lewis R. Greenman, Conneaut, Ohio; Joseph T. Lippincott, East Vassalboro, Mass.; Wallace W. Smith, Louisville, Ky.; Lawrence Lundberg, Minneapolis, Minn.; H. G. Rislow, Walhalla, North Dakota; Willis Werner, San Diego, Calif.; Ted Seaton, Seiverville, Tenn.; Gwyneth Capes, Chicago, Illinois; Ora E. Stark, Pierce City, Mo.; Alvin W. Oliver, Houston, Texas; Roger Legge, Ja., Binghamton, N. Y.; S. Boothroyd, Uppermill, Lancs, England; F. E. Woodward, Waldon, Mass.; J. H. Castleman, Nashville, Tenn.; Hilding Westerberg, Roxbury, Mass.; C. W. Havlena, Washington, D. C.

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THE VOICE OF THE
INTERNATIONAL SHORT WAVE CLUB

EAST LIVERPOOL, OHIO, U. S. A.

SHORT WAVE NEWS

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 HEARD

Australia. VLQ-7, Sydney, 17.80 mc., tested many times during the month between 7:00 and 11:00 P.M. for North America. Reported at 7:00 P.M., 7:45 P.M., 10:15 P.M. and 11:00 P.M. (Oliver, Texas, Woodward, Mass. and Gallagher, Calif.)

Greece. SVJ, Sparta, is on the air. Heard on 9.90 mc. (not 9.825 as supposed) at 8:30 A.M. (Gonzales, Ill.)

Bolivia. Some station on 15.17 mc. heard 8:00 to 9:15 P.M. announcing "Radio Tupeca de Bolivia" (Gallagher, Calif.)

French Morocco. "Radio Maroc" heard on 11.94 mc. at 4:30 P.M. broadcasting, using one chime as interval signal and using French and Arabic, (Fister, N. Y.)

Philippines. KZRC, Cabu, operated by H. C. Heacock Co., owners of KZRH, is on 6.10 mc. broadcasting 11:00 P.M. to midnight and 4:00 A.M. to 9:00 A.M. (Philippine Herald). KZO, Manila, on an announced frequency of 16.24 mc. heard testing several times, (Samuel, New Zealand). Must be telephone station, judging by frequency used, (Editor).

Iran (Persia). The long awaited Teheran station was opened April 23 by the Crown Prince of Iran. The program was sent on 15.10 mc. (19.87 meters), a totally different frequency than announced previously in other magazines and our own. (Boothroyd, England).

Nicaragua. YN2FT, Granada, 7.193 mc., using slogan "La Voz de Sultana" heard daily 8:00 to 10:00 P.M. Owner is Jose F. Tercero, (Legge, N. Y.) YN7AG, Masaya, operated by Rafael R. Arjona, is 50 watt transmitter broadcasting on 7.66 mc. Mondays in the evenings, (National Radio Club).

China. A station announcing FFZ, Shanghai, is on 12.09 mc. (24.80 meters) broadcasting 7:00 to 8:30 A.M., with English used at 8:00 A.M., when they also give station particulars, (Keast, Australia).

Where? A station called "British Rebel Station" is on 5.925 mc. (50.63 meters) daily at 3:30 P.M., signing off at 3:50 P.M. with frequency announcement and "God Save the King" (Keast, Australia).

GENERAL NEWS

OCEANIA

Australia. VLQ, VLQ2 and VLQ5 are at Sydney, VLR and VLR3 at Melbourne. VLW, VLW2 and VLW3 at Perth. VLQ, VLQ2, VLQ5, VLR and VLR3 all verified through this address. P. O. Box 487AA, Sydney, (Stockbridge, Mass.)

Fiji Islands. VPD-2, Suva, on 9.53 mc. broadcasts daily 4:00 to 5:00 A.M. but can be heard either phoning Australia or broadcasting 1:00 A.M. to 6:30 A.M. Heard at 1:00 A.M., 3:00 A.M. (Seaton, Tenn.)

AFRICA

Angola. CR6RC, Radio Club Angola, was on 11.74 mc., 2:00 to 4:00 P.M. Tuesdays, Thursdays and Saturdays last winter but has been working in the amateur bands on 14.63 mc. and 7.135 mc. Sundays, Tuesdays and Fridays since. Verified all three frequencies, (Name withheld, Mass.) Is any one able to hear CR6BD, Benguala, on 10.95 or 10.99 mc., 3:00 to 4:00 P.M.?

Mozambique. Letter says CR7AA, 300 watts on 7.137 mc., CR7AB, 600 watts on 3.49 mc., CR7BD, 300 watts on 15.255 mc., CR7BH, 300 watts on 11.718 mc. and CR7BE 10 kw. on "31 meter band." Schedule week-days midnight to 1:00 A.M., 4:30 to 6:30 A.M. and noon to 4:00 P.M., Sundays, 5:00 to 6:00 A.M. and 10:00 A.M. to 2:00 P.M. Broadcast week-days on 31 meters, 2:00 to 4:00 P.M. Mozambique is spelled Mocambique, (Stockbridge, Mass.) Another says CR7BE is on 9.715 mc., 2:00 to 4:00 P.M. and CR7BG on 15.25, 7:00 to 8:00 A.M. (Nichols, Graulich and Westerberg). Latest one says 15.25 mc. broadcasts have ceased due to lack of reports, (Seaton, Tenn.)

Egypt. SUX, 7.865 mc., the mystery station, broadcasts between 1:30 and 3:30 P.M. Signs on with clock striking, uses English Mondays 3:15 to 3:40 P.M. Veri received from Egyptian State Telegraph & Telephones, Cairo, (Stockbridge, Mass.) Another says Egyptian State Broadcasting, Radio House, Sharia Elwi, Cairo, (Legge, N. Y.) It is said that Egypt will also be heard on 6.01 mc. and 11.78 mc. between 1:30 and 3:30 P.M. before long, or even now, (Editor).

ASIA

Burma. XYZ, Rangoon, on 6.00 mc. heard 5:00 to 7:00 A.M. almost daily in Cuba, list shows 7:15 to 10:00 A.M. (Ramirez, Cuba).

China. XGOY, Chungking, is on 9.65 mc., 9:00 to 9:40 A.M., XGOY is on 11.96 mc., 11:30 P.M. to 1:05 A.M., 5:15 to 9:00 A.M., 9:45 A.M. to 12:35 P.M. and 2:00 P.M. to 5:30 P.M. XGOX is on 15.20 mc., 8:30 to 9:35 P.M. and 10:00 P.M. to 11:05 P.M. (Ong, Arizona). Newspaper report says Chungking station "rendered useless" by Japanese bombs last month, (Jones, Tenn.)

Hong Kong. ZBW-2 on 6.09 mc. heard daily 6:00 to 7:30 A.M. with news in English at 7:00 A.M. daily, (Ramirez, Cuba).

India. The best reception from India is VUM-2, Madras, on 11.87 mc.

from 6:30 A.M. (Callan and Castleman).

Iraq. HNF, Baghdad, verified saying they are on 7.08 mc. and 9.82 mc. daily 8:00 A.M. to 2:00 P.M. This is new frequency and schedule. Veri was typed paper signed by B. Emin Zeki, Engineer-in-Chief, Iraq State Broadcasting, Baghdad. No other address given, (Smith, Kentucky).

Japan. New schedule is JZJ on 11.80 mc., 7:00 to 9:30 A.M., 2:00 to 4:00 P.M. and 4:30 to 5:30 P.M. JZK on 15.16 mc. midnight to 1:30 A.M., 7:00 to 9:30 A.M., 2:00 to 4:00 P.M. and 4:30 to 5:30 P.M. JLS-2 on 17.845 mc., 8:00 to 9:00 P.M. Heard as scheduled, (Sunny, Fister, Woodward, Oliver and Gonzales). JZK heard 2:00 to 3:00 A.M. once, (Gallagher, Calif.).

Java. PMN, Bandoeng, on 10.26 mc. can now be heard 6:00 P.M. to about 8:00 P.M. when they fade. Bell strikes chimes at 6:30 P.M. (Name withheld).

Manchoukuo. MTCY, Ksinking, on 6.13 mc. heard at 5:00 A.M., list shows, and they verify 8:30 to 9:30 A.M. (Ramirez, Cuba.)

Turkey. New schedule. TAQ on 15.195 mc. broadcasts week-days 5:30 to 7:00 A.M. Saturdays 6:30 to 8:30 A.M. and Sundays 5:30 to 7:30 A.M., while TAP on 9.465 mc. broadcasts daily 11:00 A.M. to 4:30 P.M. This is from veries, (Edwards, Pa. and Castleman, Tenn.)

EUROPE

Albania. ZAA, Tirana, broadcasts on 7.84 mc. from 6:00 to 8:30 A.M. then goes on 6.08 mc. from 12:20 to 5:00 P.M., according to verification. Does not show 9.93 mc (Stockbridge, Mass.) Heard one Tuesday 9:15 to 10:00 P.M. sending program to U. S. A., was also rebroadcast over Rome stations, (Gonzales, Ill.)

England. Twenty-one frequencies are now used by the English to broadcast programs. These are 6.05, 6.11, 7.23, 7.26, 9.51, 9.58, 9.60, 9.69, 11.75, 11.82, 11.86, 15.14, 15.18, 15.26, 15.31; 17.79; 17.81; 21.47; 21.53; 21.55 and 21.64. The latest schedule we have is shown in our station list. English station also heard on 6:35 mc., new frequency, at 11:30 P.M. (Nichols, Pa.)

France. TPA4 on 11.72 mc. and TPC8 on 11.84 mc. heard daily 11:30 A.M. to 12:30 noon now (Oliver, Texas). France heard on 11.92 mc., new frequency, at 4:10 P.M. one Monday. Also heard on 15.24 mc, 4:30 to 6:30 P.M., new schedule. (Nichols, Pa.)

Germany. Reported on twenty-four frequencies, and maybe two others. They are 6.02, 6.17, 7.24, 7.27, 7.29, 9.54, 9.56, 9.61, 9.65, 9.67, 10.07, 10.29, 10.54, 11.77, 11.80, 11.85, 15.11, 15.16, 15.18, 15.20, 15.34, 17.76, 17.84, 21.45 mc. Latest news follows: DXQ on 6.17 mc. heard all afternoon. (Fister, N.Y.) Heard 2:40 to 3:25 P.M. daily. (Callan, Mass.) DJK, new station, on 12.03 mc. heard afternoons. (Fister, N.Y.) DZD on 10.54 mc. reported 8:50 to 9:45 P.M. while list showed on 6:00 to 7:00 P.M. (Woodward and Nichols). DZH on 14.46 mc. sends program to South America daily 8:00 to 11:00 P.M. now. (Fister, N.Y. and Gallagher, Calif.) One German on 14.42 and another on 14.44 mc. at 5:00 P.M. heard, (Gonzales, Ill.) DJA and DJB now at Herzberg, not Zeesen, and have 200 kw. power (Gonzales).

Hungary. HAT5 on 9.625 mc. heard 6:35 to 8:00 P.M. but troubled by HJCT at times (Castleman and Woodward). We have no reports yet on Hungary station supposed to open on 11.85 mc.

Ireland. Radio Eireann is on 17.84 mc. every other day now in afternoons, (Callan, Mass.)

Italy. This country is now reported on 6.08 mc., 6.98 mc., 7.22 mc., 9.64 mc., 9.67 mc., 9.83 mc., 11.67 mc., 11.76 mc., 11.81 mc., 11.90 mc., 15.10 mc., 15.24 mc., 15.30 mc. 17.82 mc. and 17.85 mc. Latest news follows: 2RO8 on 17.82 mc. has replaced 2RO-6, 8:10 to 10:10 P.M. on the American Hour (Bird, Seaton, Oliver). Heard at midnight, too. (Gallagher, Calif.) New station heard on 15.03 mc. at 3:30 P.M. (Nichols, Pa.) 2RO-20 on 17.78 mc. reported 10:30 to 11:48 P.M. (Samuel, New Zealand; Oliver, Texas, and Sunny, N.Y.) IQA, 14.79 mc. used evenings now. (Bird, Del.)

Norway. LKQ, Oslo, on 11.72 mc. heard 2:30 to 3:30 A.M. one Sunday since German invasion. (Samuel, New Zealand.)

Russia. RW96 (not RV96 as listed) uses 15.18 mc. or 15.41 mc. until midnight then goes on 15.18 mc. (Gallagher and Nichols). Heard on 15.18 mc. 10:00 to 11:30 A.M. one Sunday for North America, also heard on 15.18 and 15.41 around 7:30 P.M. (Oliver, Texas.) RNE, Moscow, moved from 12.00 to about 12.06 mc. (Fister, N.Y.) Here is list of stations: RAN on 9.60, 10.49 and 16.30 mc.; RV15 on 4.27 mc.; RW59 on 6.05 mc.; RNE on 6.00 and 12.00 mc.; RW96 on 6.03 mc., 9.52 mc., 9.685 mc.; 15.18 mc., 15.27 and 15.41 mc.; RIA on 11.70 and 16.12 mc.; RIC on 11.64 mc.; RIF on 11.90 and 18.03 mc.; RKE on 11.63 mc.; RWG on 7.36 and 14.72 mc. Right now these are used: 6.03, 7.36, 7.52, 8.07, 9.52, 9.60, 11.90, 12.00, 15.04, 15.18 and 15.41.

Spain. Radio Malaga on 14.44 mc. heard 8:15 to 8:30 P.M. one Monday. (Woodward, Mass.)

Switzerland. HBO on 11.40 now used Mondays and Wednesdays 6:45 to 8:15 P.M. and 8:45 to 10:15 P.M. and HBL on 9.34 used Wednesday 8:45 to 10:15 P.M. (Callan, Mass.) HBO used Tuesdays and Saturdays 1:30 to 2:15 P.M. (Broadhurst, Eng.) HBJ on 14.53 mc. used nightly 7:55 P.M. (Westerberg, Mass.) HBJ heard at 8:30 P.M. one Wednesday saying it was regular North American Program (Oliver, Texas).

Vatican City. HVJ on 9.66 mc. heard starting at 8:30 P.M., not 8:00 and also on 11.74 mc., same time, (Woodward, Mass.) Is on 11.74 mc. Sundays and Thursdays 8:30 to 8:45 P.M. (Castleman, Tenn.) Heard on 15.12 mc. Sundays 7:00 to 8:30 P.M. in Spanish, (Ramirez, Cuba.)

Yugoslavia. YUFG, on 15.24 mc. has now changed schedule. Now heard 8:00 to 9:00 P.M. for South America and 9:00 to 10:00 P.M. (Clark, Callan, Gallagher). Also heard 11:00 A.M. to 1:00 P.M. (Gallagher). YUE on 11.735 mc. no longer heard, 9:00 to 10:00 P.M. YUG does not use English for North America 9:00 to 10:00 P.M. (Gonzales).

SOUTH AMERICA

Brazil. Letter says PSH on 10.22 mc. used daily 6:00 to 7:00 P.M., Mondays 8:00 to 8:30 P.M., Fridays 7:00 to 7:30 P.M. PSE, on 14.933 mc.

used Wednesdays 4:00 to 4:30 P.M., Thursdays and Saturdays 3:00 to 3:30 P.M. (Boothroyd, Clark, Seaton). PRF5 is reported on 11.85 mc. instead of 9.50, 6:00 to 7:00 P.M. (Ebbecke, Pa., Fister, N. Y.) PSE also heard on 14.92 mc. at 7:20 P.M. (Nichols, Pa.)

Chile. CB1174, Santiago, is being heard again, 6:00 to 11:00 P.M. on 11.74 mc. (Gallagher and Fister).

Colombia. We have another "Official List" that shows HJFB, Manizales, on 4.765 mc.; HJDG, Quibdo, on 4.80 mc.; HJCD, Bogota, on 4.845 mc.; HJFC, Bogota, on 4.855 mc. and HJAG, Barranquilla, on 4.905 mc., but does not show HJFK on 9.73., HJFC on 9.70 mc., both heard. However, HJFB is on 6.11 mc. using the call HJ6ABB. HJCD is on 6.16 mc. still; HJCF is using their old call HKF on 6.075 mc. and HJAG, after trying 4.905 mc. is back on 6.04 mc. As for HJDG, we have not received a reception report on it yet. HJAG, Barranquilla, veri says on 9.81 mc. days, nights on 4.905 mc. (Clark, N. Y.) Anyone hearing it on either frequency?

Dutch Guiana. Verification card from PZH, Paramaribo, says Tuesdays and Fridays 5:40 to 8:40 P.M., Sundays 8:40 to 10:40 A.M., first and third Thursdays of each month 6:40 to 8:40 P.M. Power is just 25 watts, (Seaton, Tenn.)

Ecuador. Veri from HCETC, Radio Teatro Bolivar, Box 134, Quito, says 9.35 mc. mornings 6:45 to 8:00 A.M., middays noon to 2:00 P.M., and nights 7:45 to 10:15 P.M. Sundays 6:45 to 10:00 A.M. and 3:00 to 5:00 P.M. (Clark, N. Y.) Another says same except no Sunday schedule, (Westerberg, Mass.) HCJB veri says 1 kw. on 4.107 mc., 10 kw. on 12.46 mc (Edwards, Pa.) 4.107 not used now, (Editor). HCK, Quito, on 5.88 mc. heard till midnight not just 11:00 P.M. (Woodward, Mass.)

Peru. Some OAX4 station is on 6.185 mc. nights, (Oxrieder, C. Z.) OAX4R, Lima, on 15.15 mc. sent a special program in March between 5:00 and 6:00 P.M. Anyone hearing it now?

Uruguay. CXA-19, Montevideo, is on 11.70 mc. using slogan "El Espectador," and heard 6:00 to 8:00 P.M. (Legge, N. Y.) Uses slogan "Radio Cantina," relays LRA-2, Argentina, uses 3 chimes for interval signal announces 11.695 mc. but on 11.705 mc. (Foster, N. Y.) Some station on 17.82 mc. announced Montevideo, Uruguay, in English at 7:12 P.M. one Wednesday, (Sunny, N. Y.)

CENTRAL AMERICA

Costa Rica. T17RVM, 6.035 mc., verified. Was postmarked Las Juntas Abangares. However, slogan is "La Voz del Guanacaste" and they ask for reports to be sent to Guanacaste. Veri was signed by John Gilbert Daly, (Shaffer, Iowa). Heard 1:00 to 2:00 A.M. with special program, (Gallagher, Calif.) Is at Juntas Abangares, veri says. Broadcast programs Thursdays, midnight to 3:00 A.M., C.S.T. or 11:00 P.M. to 2:00 A.M., E.S.T. (Legge, N. Y.)

Guatemala. Some Guatemalan station is between HRP1 and COCQ on about 6.36 mc. Is not TGWB (6.48 mc.) or TGQA (6.40 mc.) as has different program, (Miller, Ill.) TGWB is back on 6.48 mc. (Fister, Miller).

Nicaragua. YN1IP, Managua, 7:30 mc., operates as amateur week-days, but broadcasts Sundays 10:00 to 11:00 A.M. (Oxrieder, C. Z.)

Salvador. YSM, San Salvador, 11.71 mc., heard coming on at 7:00 P.M., not 7:30 as listed, (Westerberg, Mass.) Anyone hearing YSW on 6.15 mc. now? YSP on 10.40 mc. heard till midnight, not just 11:00 P.M. (Oliver, Texas).

WEST INDIES

Cuba. COK is the new call-sign used by COCSD on 11.57 mc. This station is owned by Senior Batiste, Presidential candidate, and the slogan is "Okey Bastiste." The address is announced P. O. Box 625, Havana, and they promise veris. It is usually on the air 7:00 P.M. to 11:30 P.M. (Capes, Callan, Shaffer, Stockbridge, Gallagher, Clark, Stark, McDermott, Westerberg, Castleman). COX-7 verification says 4.29 mc. is used nights and COX-4 on 6.49 used daytime. COX-4 is used 2:00 to 3:00 P.M. and COX-7 6:00 to 10:30 P.M. The veri comes from Enrique S. Morales, Lt. Director, Secretaria de Defensa Nacional, Ejercito Constitucional, Havana. No postage is necessary, (Stockbridge, Mass.)

Curacao. Verification from PJC-1, Willemstad, says 5.96 mc. or 50.60 meters, and 7:30 to 9:30 local time, which is 6:36 to 8:36 P.M., E.S.T., we believe, (Veri by Clark, N. Y.)

Dominican Republic. H11N, Trujillo, is heard on 12.486 mc. same time as on 6.24 mc., may be harmonic or new frequency, (Fister, N. Y.)

Haiti. HH3W, Port-au-Prince, moved from 9.79 mc. to 9.85 mc. then to 9.89 or 9.90 mc. (Traister, Ill., Rislow, N. D. and Miller, Ill.) HH2S, same city used 5.92 mc. and 5.96 mc. and 5.98 mc. during the month, roaming around.

NORTH AMERICA

Hawaii. Telephone station HKE on 17.97 mc. broadcasts Saturdays at 8:00 P.M. and Sundays at 4:30 P.M. K10 on 11.71 mc. relays KGU programs Saturdays and Sundays 10:00 to 11:30 P.M. (Gallagher, Calif.) These stations do not verify, as they are phones, not broadcasters. They are rented stations.

Canada. CJCX, Sydney, N. S., on 6.01 mc. broadcasts now 7:00 A.M. to 12.15 A.M. next day, (Jones, Tenn.) CJRX, Winnipeg, Manitoba, on 11.72 mc. heard late evenings evidently replacing CJRO on 6.15 mc. (Bird, Delaware)

U. S. A. Cincinnati, Ohio, is on 6.06 mc. Sundays 10:00 to 11:00 P.M. Mondays and Thursdays 8:00 to 10:00 P.M. and Saturdays till 11:00 P.M. They are on 9.59 mc. Mondays and Thursdays 10:00 P.M. to 2:00 A.M. next day, Wednesdays 9:00 to 11:00 P.M. They are on 11.87 mc. Sundays 8:00 to 10:00 A.M., 11:00 P.M. to 2:00 A.M. and week-days 5:45 to 10:00 A.M., Tuesdays, Wednesdays, Fridays and Saturdays 11:00 P.M. to 2:00 A.M. They are on 21.65 mc. every day 10:00 A.M. to 8:00 P.M. This schedule is for a short time only, they say. Heard on 11.87 mc. (Rislow, N. D.; Gallagher, Calif. and Seaton, Tenn.) Was heard at 4:00 A.M. (Seaton). WRUL, Boston, on 15.25 mc. heard signing off at noon, on at 1:00 P.M.

(Oliver). All WRUL and WRUW schedules seem to be changable from day to day, (Editor).

STATIONS UNDER CONSTRUCTION

Brazil. New 20 kw. transmitter at Rio de Janeiro will operate soon as follows: On 6.20 mc., 9.50 mc., 9.585 mc., 9.60 mc., 11.71 mc., 11.825 mc., 11.89 mc., 15.145 mc., 15.37 mc. and 17.835 mc.

Greece. New transmitter at Sparta will broadcast at follows: SVD on (6.885), SVL (7.228), SVG (7.805), SVH (9.03), SVI (9.695), SVJ (9.825), SVM (9.935), SVN (10.705), SVP (12.195), SVQ (13.64) and SVT (15.015).

Iraq. The Director General of Posts & Telegraphs will open a new 5 kw. transmitter at Baghdad soon. Details follows: HNE (6.188), HNG (11.724), HNK (15.145), and HNI (18.815).

Iran. The long awaited stations are still unreported. These are EQD on 4.83 mc., EQC on 9.68 mc., EQE on 11.73 mc. and EQF on 11.89 mc.

Question. What station is on 11.925 mc. daily 2:30 to 5:30 P.M. broadcasting in Arabic or some similar language. It is not CB1180 and uses a whistle for about one or two seconds as an interval signal (Callan and Fellows)?

THE REPORTERS

Frank W. Stockbridge, Westboro, Mass.; William E. Bird, Jr., Wilmington, Del.; Thomas Nichols, Philadelphia, Pa.; E. Miles Samuel, Wellington, New Zealand; Arthur E. Sunny, New York City; D. C. Traister, Chicago, Illinois; Alvin Oliver, Houston, Texas; Robert Edlund, Oakland, Calif.; L. M. Clark, Hixley, N. Y.; Larry Lundberg, Minneapolis, Minn.; King Ong, Phoenix, Arizona; Ford Edwards, Wilmerding, Pa.; Manuel Gonzales, Chicago, Ill.; J. P. Jones, Memphis, Tenn.; Gus Gallagher, San Francisco, Calif.; H. Westerberg, Roxbury, Mass.; Ted Seaton, Sevierville, Tenn.

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INTERNATIONAL



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THE VOICE OF THE
INTERNATIONAL SHORT WAVE CLUB

EAST LIVERPOOL, OHIO, U. S. A.

SHORT WAVE NEWS

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 HEARD

Tunisia, Africa. A station called "Radio Tunis," was heard on 15.56 mc. at 2:30 P.M. broadcasting. However station has closed down since French capitulation to Germany, (name withheld, Mass.)

British Rebel Station. This station mentioned last month on 5.925 mc. is now on 11.96 mc. or 25.08 meters around 3:30 to 4:00 P.M. and 4:30 to 5:00 P.M. week-days, and 11:30 A.M. to noon, Sundays. It is supposed to be operated by Germans and located near Berlin, but announce they are in England, (Callan, Mass.) Heard roaming between 11.935 and 11.96 mc. (name withheld, Mass.)

Bolivia. The station on 15.17 mc. heard between 8:00 and 9:15 P.M. last month is "Radio Tupiza" CP43, at Tupiza, Bolivia. (Name withheld). Heard, (Gallagher, Calif.)

China. A station announcing FFZ, Shanghai, is on 12.09 mc. (24.80 meters) broadcasting 7:00 to 8:30 A.M., with English used at 8:00 A. M., when they also give station particulars, (Keast, Australia).

Greece. SVJ, Sparta, is on the air. Heard on 9.90 mc. (not 9.825 as supposed) at 8:30 A.M. (Gonzales, Ill.)

GENERAL NEWS

OCEANIA

Australia. Latest schedule is VLQ on 9.615 mc., 2:00 to 4:00 A.M. and not 6:15 to 6:45 A.M. VLQ-5 on 9.68 mc. operates 7:00 to 8:00 A.M. and 8:15 to 8:45 A.M. (Cullan, Mass.) VLW-4, Perth, on 9.66 mc. heard at 6:00 A.M., list shows 11:00 A.M. to noon only, (Rislow, N.D.) VLQ-7 on 17.80 mc. that tested in May between 7:00 and 11:00 P.M. was not reported last month, so evidently the tests are completed.

AFRICA

French Morocco. "Radio Maroc" or "Radio Rabat" at Rabat, was on 11.945 mc. between 1:30 and 5:30 P. M. almost daily until the French gave up to the Germans. They have not been heard since. They usually had a lady announcing, used French and Arabic and signed off with the French National Anthem. Was heard by the following, (Callan, Mass., name withheld, Mass.)

Mozambique. The latest letter announces a change. CR7AA is now on 6.03 mc. with 300 watts power. CR7AB on 3.49 mc., CR7BH on 11.71 mc. and CR7BD on 15.25 mc. are still used. The schedule is still midnight to 1:00 A.M., 5:30 to 6:30 A.M. and noon to 4:00 P.M. week-days and 5:00 to 7:00 A.M. and 10:00 A.M. to 2:00 P.M. Sundays. CR7BE with 10 kw. power is on the air week-days 2:00 to 4:00 P.M. on 9.71 mc., 30.88 meters, (Stockbridge, Mass.) CR7BD on 15.25 mc. is heard midnight to 1:00 A.M. week-days, (Gallagher, Calif.)

ASIA

China. XGOY-OX is sending out a condensed program schedule that is all mixed up. It shows XGOY on 11.90 mc. used 4:30 to 5:30 P.M., 8:30 to 9:35 P.M. and 10:00 to 11:15 P.M., 11:30 to 1:05 A.M., 6:15 A.M. to 11:50 A.M. and noon to 12:35 P.M. It also shows XGOY on 9.65 mc. 9:00 to 9:35 A.M. and some station on 31.60 meters from 2:00 to 4:30 P.M. In another place they have XGOX on 15.20 mc. listed 8:30 to 8:50 A.M., 10:20 P.M. to 10:30 P.M. These conflict. Such papers have been received by members Robinson, Callan, and Baines. XGOY on 11.90 mc. is heard around noon by member Gallagher, so evidently it was not blown up as reported. They closed for repairs, it is said.

Hong Kong. ZBW-3 on 9.525 mc. signs on at 5:00 A.M. daily, not 3:00 A.M. as listed, (Callan, Mass.) Veries say 3:00 A.M., but maybe change has been made since printing, (Editor). ZBW-2 on 6.09 mc. was reported last month 6:00 to 7:30 A.M., with news in English at 7:00 A.M., but we have no further reports on this.

Iraq. HNF, Baghdad, verified saying they are on 7.08 mc. and 9.82 mc. daily 8:00 A.M. to 2:00 P.M. This is new frequency and schedule. Veri was typed paper signed by B. Emin Zeki, Engineer-in-Chief, Iraq State Broadcasting, Baghdad. No other address given, (Smith, Kentucky).

India. The station on 11.87 mc. around 6:30 to 10:30 A.M. is VUD-4, Delhi, not VUM-2, Madras, according to both Delhi and Madras, (Dean, Conn. and Clark, N. Y.)

Indo-China. Radio Saigon, 11.72 mc., now signs on at 5:30 A.M. with three-quarters of an hour program in English, (Callan, Mass.)

Japan. JLS-2 on 17.84 mc. has replaced JZJ from 4:30 to 5:30 P.M., (Jones, Tenn. and Nichols, Pa.) Stays on till 6:00 P.M. as well as 8:00 to 9:00 P.M. (Gallagher, Calif.) JZK on 15.16 mc. usually heard from 15 to 30 minutes after 1:30 A.M., regular sign-off time, (Gallagher).

Java. PMN, Bandoeng, on 10.26 mc. can now be heard 6:00 P.M. to about 8:00 P.M. when they fade. Bell strikes chimes at 6:30 P.M. (Name withheld).

Manchoukuo. MTCY, Ksinking, on 6.13 mc. heard at 5:00 A.M., list shows, and they verify 8:30 to 9:30 A.M. (Ramirez, Cuba.) Late veri says they are on 6.12 mc., 8:30 to 9:30 A.M. and on 11.78 mc. 1:30 to 2:20 A.M., 9:50 to 10:55 A.M. and 4:00 to 4:50 P.M. (Dean, Conn.) Maybe Mr. Ramirez means P.M. not A.M. (Editor).

Straights Settlement. ZHJ, Penang, on 6.094 mc. is still on the air, according to letter from T. A. Crossley of the station, (Dean, Conn.) Two

years ago the Penang Radio Society dismantled their short wave station and built it into a long wave station. Evidently they have reconsidered matters and again went back to short waves.

Turkey. TAQ, Ankara, on 15.195 mc. heard from 11:30 P.M. to 11:55 P.M., evidently on new schedule, (Nichols, Pa.)

EUROPE

(Note). American newspapers claim that Germany will build a chain of stations from the short wave stations they have captured during the present conflict. These include Holland on 9.59 mc., 11.73 mc., 15.22 mc., and 17.77 mc. Belgium on 10.33 mc., Denmark on 9.52, 11.81, 15.16 and 17.81 mc., Norway on 6.13, 9.61, 11.735 and 15.17 mc., Poland on 11.53, 11.74, 13.63 and 15.12 mc. It is believed that Czechoslovakia will continue to operate on 11.84 mc. and 15.23 mc. France, with stations on fourteen frequencies, will be included in the chain. As a matter of fact, some of the French stations are already operating under German control, papers say.

Denmark. It is said that stations on 9.52 mc., 15.32 mc. and 17.81 mc. are operating, using calls beginning with DJ.

France. Heard on 15.24 mc., 11.84 mc. and 11.88 mc. since Germans took over control, (Woodward, Mass.)

England. Twenty-one frequencies are now used by the English to broadcast programs. These are 6.05, 6.11, 7.23, 7.26, 9.51, 9.58, 9.60, 9.69, 11.75, 11.82, 11.86, 15.14, 15.18, 15.26, 15.31, 17.79, 17.81, 21.47, 21.53, 21.55 and 21.64. The latest schedule we have is shown in our station list. English station also heard on 6:35 mc., new frequency, at 11:30 P. M. (Nichols, Pa.)

Germany. Reported on twenty-four frequencies, and maybe two others. They are 6.02, 6.17, 7.24, 7.27, 7.29, 9.54, 9.56, 9.61, 9.65, 9.67, 10.07, 10.29, 10.54, 11.77, 11.80, 11.85, 15.11, 15.16, 15.18, 15.20, 15.34, 17.76, 17.84, 21.45 mc. Latest news follows: DJL on 15.11 mc. now 4:50 to 11:45 P.M. for North America and DZH on 14.46 mc., 5:15 to 11:00 P.M. for South America (name lost). DJW on 9.65 mc. and DJA on 9.56 mc. start up now at midnight, (Oliver, Texas).

Hungary. Letter says since May 25th, HAT4 on 9.125 mc. is used instead of HAT5 on 9.625 mc. daily, 6:35 to 8:00 P.M., and HAD-3 on 11.85 mc. used for South America 5:00 to 6:20 P.M. (Winn, Mass., Woodward, Mass. and name withheld, Mass.)

Italy. The official program received shows Italy only on seven frequencies, but listeners report fifteen. There are 6.08 mc., 6.93 mc., 7.22 mc., 9.64 mc., 9.67 mc., 9.83 mc., 11.81 mc., 11.90 mc., 15.10 mc., 15.23 mc., 15.30 mc., 17.82 mc., and 17.85 mc. Late news shows the following: 2RO-14 on 15.23 mc. heard relaying American Hour along with 9.64 mc., 11.81 mc., 15.10 mc. and 17.82 mc. (Callan and Woodward). 2RO-8 on 17.82 mc. replaced 2RO-6, 8:10 to 10:10 P.M. (Callan and Woodward). Official schedule says 2RO-6 is used 5:00 to 7:40 and 8:10 to 10:10 P.M. and 2RO-8 is used 4:15 to 4:45, 6:00 to 7:40 and 8:10 to 10:10 P.M.

Norway. Norway resumed broadcasting under German control after withdrawal of the British troops. LKV on 15.17 mc. is heard almost every

day up to 4:30 and 5:30 P.M. (Edwards, Pa.; Callan, Mass.; Westerberg, Mass.)

Portugal. CSW-6, Lisbon, on 11.04 mc. signs off at 3:45 P.M. now, (Stockbridge, Mass.)

Russia. RW96, Moscow, on 15.18 mc. is operating all day long now. RAN on 9.60 mc. is heard till 9:15 P.M. instead of just 7:30 P.M. now. (Callan, Mass.) Some new Russian was heard on 15.67 mc. at 2:00 P.M. (Name withheld).

Switzerland. Latest schedule is as follows: HBO on 11.40 mc. Mondays and Wednesdays 6:45 to 8:10 P.M. for South America, Tuesdays and Saturdays 12:45 to 2:10 P.M. for Africa. HBJ on 14.535 mc. Mondays and Wednesdays 7:15 to 8:10 P.M. for South America, 8:45 to 10:10 for North America. HBF on 18.45 mc. Fridays 8:45 to 10:10 A.M. for Asia. First Sunday of each month 12:45 to 2:10 A.M. for Australia, over HBO and HBJ, (Callan, Mass.)

Vatican. HVJ is on 11.74 mc. Thursdays and Sundays 8:30 to 9:00 P.M. for North America. HVJ on 15.12 mc. same days 7:30 to 8:30 P.M. for South America, (Callan, Mass.)

SOUTH AMERICA

Argentina. Telephone station LSY, Buenos Aires, on 18.12 mc. was heard sending a program 4:45 to 5:15 P.M. once, (Nichols, Pa.)

Brazil. PPQ, a telephone station on 11.68 mc. using slogan "Radio Bras," was heard sending program to New York, 8:00 to 9:15 P.M. in June, (Gallagher, Calif.) Some station on 11.79 mc. heard one Tuesday in June sounded like CPQ or ZPQ, (Westerberg, Mass.)

Colombia. HJFA, Manizales, was on 9.76 mc., a new frequency, sending a program one Friday 8:00 to 11:00 P.M. (Gallagher, Calif.)

Dutch Guiana. Verification card from PZH, Paramaribo, says Tuesdays and Fridays 5:40 to 8:40 P.M., Sundays 8:40 to 10:40 A.M., first and third Thursdays of each month 6:40 to 8:40 P.M. Power is just 25 watts, (Seaton, Tenn.)

Ecuador. HCJB, Quito, on 12.46 mc. comes on at 6:00 P.M. and signed off once at 8:45 P.M., contrary to schedule, (Rislow, N. D.)

Peru. OAX4R, on 15.15 mc. broadcasts every Saturday to North America, 5:15 to 5:45 P.M. It is at Lima, (Callan.) Heard at 4:40 P.M. Saturdays, (Edwards, Pa.) Is used 4:00 to 4:45 or 5:00 P.M. (Name withheld).

Uruguay. CXA-19, Montevideo, is on 11.70 mc. using slogan "El Espectador," and heard 6:00 to 8:00 P.M. (Legge, N. Y.) Uses slogan "Radio Cantina," relays LRA-2, Argentina, uses 3 chimes for interval signal announces 11.695 mc. but on 11.705 mc. The station reported on 17.82 mc. as Uruguay, was really 2RO-8, Rome, Italy.

CENTRAL AMERICA

Costa Rica. T17RVM, 6.035 mc., verified. Was postmarked Las Juntas Abangares. However, slogan is "La Voz del Guanacaste" and they ask for reports to be sent to Guanacaste. Veri was signed by John Gilbert

Daly, (Shaffer, Iowa). Heard 1.00 to 2:00 A.M. with special program, (Gallagher, Calif.) Is at Juntas Abangares, veri says. Broadcast programs Thursdays, midnight to 3:00 A.M., C.S.T. or 11:00 P.M. to 2:00 A.M., E.S.T. (Legge, N. Y.) Signed off at midnight, (Oliver, Texas). TIPG, San Jose, on 9.62 mc. heard 2:30 to 3:00 P.M. one Sunday, new schedule, (Woodward, Mass.)

Guatemala. Some Guatemalan is between HRP1 and COCQ on about 6.36 mc. It is not TGWB nor TGQA as has different program, (Miller, Ill.) Signs off at 11:30 P.M., spelling name of city, (Jones, Tenn.) TGWA, Guatemala City, on 15.17 mc. heard at 10:00 A.M. one Saturday, new schedule, (Edwards, Pa.) Program sheet says on 15.17 mc. week-days 12:45 to 2:00 P.M., Sundays 12:45 to 5:15 P.M., on 9.68 mc. 10:00 to 11:30 P.M., Sunlays 7:00 P.M. to midnight.

Nicaragua. YN1IP, Managua, on 7.30 mc. operates as an amateur week-days but broadcasts Sundays 10:00 to 11:00 A.M. (Oxrieder, C. Z.) YN2FT, Granada, on 7.193 mc. uses slogan "La Voz de Sultana," daily 8:00 to 10:00 P.M. Owner is Jose Terecero, (Legge, N. Y.) YN7AG, Masaya, on 7.66 mc. is heard Monday evenings broadcasting. It is operated by Rafael R. Arjona. These are amateurs broadcasting at times.

Salvador. Has anyone heard this supposedly new station, YSW, on 6.15 mc. evenings? We can't.

WEST INDIES

Curacao. Verification from PJC-1, Willemstad, says 5.96 mc. or 50.60 meters, and 7:30 to 9:30 local time, which is 6:36 to 8:36 P.M., E.S.T., we believe, (Veri by Clark, N. Y.)

Dominican Republic. HI1N, Trujillo, is heard on 12.486 mc. same time as on 6.24 mc., may be harmonic or new frequency, (Fister, N. Y.)

Jamaica. ZQI, Kingston, on 4.75 mc. is broadcasting daily now 6:00 to 6:30 P.M. (Allwood, Jamaica).

NORTH AMERICA

Hawaii. Telephone station HKE on 17.97 mc. broadcasts Saturdays at 8:00 P.M. and Sundays at 4:30 P.M. KIO on 11.71 mc. relays KGU programs Saturdays and Sundays 10:00 to 11:30 P.M. (Gallagher, Calif.) These stations do not verify, as they are phones, not broadcasters. They are rented stations.

U. S. A. WLWO, Cincinnati, Ohio, is broadcasting daily on 9.59 mc. 10:00 P.M. to 2:00 A.M., on 11.87 mc. week-days 5:45 to 10:00 A.M., Sundays 8:00 to 10:00 A.M., on 15.27 mc. daily 5:00 to 10:00 P.M. and on 21.65 mc. daily 10:00 A.M. to 5:00 P.M. This comes direct from the station. Heard on 15.27 mc. (Callan, Jones, Gallagher and Woodward). WNBI, New York, on 17.78 mc. heard signing off at 7:48 P.M., list says 9:30 P.M., (Woodward, Mass.) WRUL, Boston, on 15.13 mc. and 11.73 mc. heard signing off at 9:00 P.M. (Nichols, Pa.) All WRUL-WRUL schedules are irregular. KGEI, San Francisco, moved from 9.53 mc. to 9.76 mc. and broadcasts now 6:00 P.M. to 12:15 A.M. next day, (Rislow, N. D., Edwards, Pa. and Gallagher, Calif.)

STATIONS UNDER CONSTRUCTION

Brazil. New 20 kw. transmitter at Rio de Janeiro will operate soon as follows: On 6.20 mc., 9.50 mc., 9.585 mc., 9.60 mc., 11.71 mc., 11.825 mc., 11.89 mc., 15.145 mc., 15.37 mc. and 17.835 mc.

Greece. New transmitter at Sparta will broadcast at follows: SVD on (6.885), SVL (7.228), SVG (7.805), SVH (9.03), SVI (9.695), SVJ (9.825), SVM (9.935), SVN (10.705), SVP (12.195), SVQ (13.64) and SVT (15.015).

Iraq. The Director General of Posts & Telegraphs will open a new 5 kw. transmitter at Baghdad soon. Details follows: HNE (6.188), HNG (11.724), HNK (15.145), and HNI (18.815).

Iran. The long awaited stations are still unreported. These are EQD on 4.83 mc., EQC on 9.68 mc., EQE on 11.73 mc. and EQF on 11.89 mc.

REPORTS WANTED

Please check up on these stations. In some cases we need only the schedule. In others we want to know if the station is really on the air.

HI3C, La Romana, D. R. On 6.15 mc. or 6.10 mc?

OAX1A, Chiclayo, Peru. On 6.15 mc. or 6.33 mc.?

CR6RS, Lobito, Angola. Is it heard on 7.17 mc., Tues., Fri., Sun., 2-4 P.M.?

CR6AA, Lobito, Angola. Mon.-Wed. 2-4 P.M., 12:30-1:15 P.M. Can it be heard?

HC1RS, Quito, Ecuador. 7:87 mc. 8:30-11:30 P.M. daily. Real station?

HJAB, Barranquilla. Is this one really on 9.57 mc.?

YNCM, Bluefields, Nicaragua. 7-10 P.M. Is there such a station?

HJAG, Barranquilla, Colombia. 9.81 mc. Can it be here?

CR6BD, Benguela, Angola. 2:30-3:30 P.M. on 10.95 or 10.99. Real?

CR6RC, Luanda, Angola. 6:45-8:00 A.M. and 2:00-4:00 P.M. Heard?

CXA-14, Colonia, Uruguay. Is schedule 7-8 P.M. or 3:30-9:00 P.M.?

HAD-5, Budapest, Hungary. Is this one heard 5:00-6:20 P.M.?

HI1N, Trujillo, D. R. Is program on 12.485 mc. harmonic of 6.24?

THE REPORTERS

Although hot summer weather has arrived, our list of reporters remains rather large, indicating interest in short wave reception has not let down much. We are thankful to the following people for their helpful reports received this month. Mrs. Violet Allwood, Kingston, Jamaica; Fred Baines, Sydney, Nova Scotia; Alvin Oliver, Houston, Texas; Dixon Russell, Philadelphia, Pa.; Ford Edwards, Wilmerding, Pa.; W. A. Dean, Hartford, Conn.; H. G. Rislow, Walhalla, North Dakota; Frederick E. Woodward, Malden, Mass.; Desmond Callan, Readville, Mass.; Roy Winn, Clinton, Mass.; Thomas Nichols, Philadelphia, Pa.; J. P. Jones, Memphis, Tenn.; George E. Wiles, Stockton, Calif.; Gwynneth Capes, Chicago, Ill.; Bert Wilfe, Oakland, Calif.; Charles M. Robinson, Waterloo, Iowa; L. M. Clark, Snyder, N. Y.; Hilding Westerberg, Roxbury, Mass.; G. C. Gallagher, San Francisco, Calif.; Frank W. Stockbridge, Westboro, Mass. A man in Massachusetts who requests us not to use his name.

VOL. XI

AUGUST, 1940

NO. 11

INTERNATIONAL



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THE VOICE OF THE
INTERNATIONAL SHORT WAVE CLUB

EAST LIVERPOOL, OHIO, U. S. A.

SHORT WAVE NEWS

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 HEARD

Australia. VLQ-6, Sydney, on 11.83 mc. replaced VLQ-9 on 9.165 mc. from 5:00 to 7:00 A. M. (Keast, Australia). Heard signing off at 4:00 P.M. (French, England).

Brazil. PRA-9, a sister station to PRA-8, Pernambuco, on 6.01 mc. is now operating on 11.67 mc. between 7:00 and 11:00 P.M. with same programs as PRA-8 (Ramirez, Cuba).

Bolivia. CP43 at Tupiza, on 15.17 mc. uses slogan "Radio Tupiza" and "Radio Cotagaita." Heard between 6:00 P.M. and 9:15 P. M. (Gallagher, Calif. and Westerberg, Mass.)

Germany. A station called "British Rebel Station," using "God Save The King" and other BBC identifications, is on about 11.96 mc. to 11.935 mc. roaming around, between 3:30 and 5:00 P.M. week-days and 11:30 A. M. and noon Sundays. It is supposed to be operated by Germans near Berlin, but say they are in England and hiding from English law. (Callan, French and Oxrieder).

Tunisia, Africa. A station called "Radio Tunis," was heard on 15.56 mc. at 2:30 P.M. broadcasting. However station has closed down since French capitulation to Germany, (name withheld, Mass.) Heard on 15.50 mc. at 5:40 P. M. (Nichols, Pa.)

New Caledonia. "Radio Pacifique" on 7.28 mc. or 41.25 meters broadcasts daily 3:30 to 4:00 P. M. using French, (Keast, Australia.) No chances of being heard in America at that hour.

Nicaragua. YNOW, "The Voice of Central America" at Managua, was heard on 6.87 mc. at 8:15 P.M. one Wednesday, (Oxrieder, C. Z.) Could this be YNOP on 8.85 mc. slipped down a frequency or two?

Panama. A station announcing "HP6J, The Voice of Panama," was

heard on 8.25 mc. at 11:00 P.M. signing off one Wednesday. HP5J, Panama City on 9.61 mc., now announces HP5J and HP6J, so maybe they are related, (Oxrieder, C. Z.)

GENERAL NEWS

OCEANIA

VLW, Perth, 9.645 mc., verifies saying they broadcast 6:30 to 10:15 A.M., noon to 11:30 P.M. week-days and 7:00 A.M. to 12:15 noon and 1:00 to 10:30 P.M. Sundays, (Lundberg, Minn.) This must be complete long wave schedule, not just schedule for 9.645 mc. as they use other frequencies.

VLQ-7 on 17.80 mc. at Sydney, heard again, 7:15 P. M. (Woodward, Mass.).

VPD-2, Suva, Fiji Islands, on 9.53 mc., heard signing off at 12:40 A.M. several times, list shows starting up at 1:00 A. M., closing at 5:00 A. M. (Gallagher, Calif.)

AFRICA

French Morocco. "Radio Maroc," verification says 11.94 mc., 25.13 meters, 15,000 watts power. Shows programs at 2:15, 2:30, 7:00, 7:45 and 9:00 A.M., 12:30, 1:00, 3:00 and 4:00 P.M. (Clark, N. Y.) We believe this station left the air when France capitulated.

Portuguese West Africa. A letter from Radio Club de Benguela, Caixa Postal No. 17, Benguela, Angola, says they operate CR6RB on 10.953 mc. and 9.605 mc. daily 2:30 to 4:00 P.M., Sundays 11:00 A.M. to noon, (Legge, N. Y.) Has anyone been able to hear this station?

ASIA

China. XPSA, Kweichow, air-mailed a letter saying they were going to 35.40 meters (8.47 mc.). Time given was 2:00 to 4:30 P.M. and 5:40 to 11:45 A.M. (Gallagher, Calif.) Time is daily 5:30 to 11:10 A.M. and 4:30 to 5:30 P.M. on 8.47 mc. (Ong, Arizona). XGOY-XGOX, closed down in June for repairs, is back on 11.90 mc., 15.20 mc. and 9.65 mc. Schedule is 9.65 mc. 9:00 to 9:40 A.M., 15.20 mc. 7:00 to 8:05 P.M., and 8:30 to 9:35 P.M. and 11.90 mc. 5:15 to 9:00 A.M., 9:55 to 12:35 noon, 2:00 to 5:30 and 11:30 P.M. to 1:05 A.M. (Wolfe and others).

India. The station on 11.87 mc. around 6:30 to 10:30 A.M. is VUD-4, Delhi, not VUM-2, Madras, according to both Delhi and Madras, (Dean, Conn. and Clark, N. Y.)

Japan. A change in schedule has taken place, with time being added. JZK on 15.16 mc. now broadcasts midnight to 1:30 A.M., 2:00 to 3:00 A.M. (new), 7:00 to 9:30 A.M.; 10:00 to 11:00 A.M. (new), 2:00 to 4:00 P.M. and 4:30 to 5:30 P.M. JZJ on 11.80 broadcasts 7:00 to 9:30 A.M. and 2:00 to 4:00 P.M., while JLS-2 on 17.84 mc. works 4:30 to 5:30 P.M. and 8:00 to 9:00 P.M., this last for U. S. A. (Jones, Tenn.)

Manchouckuo. MTCY was heard on 9.55 mc. last month once. May be new frequency, (Edlund, Calif.)

Philippines. KZRC, at Cebu on 6.10 mc. is heard very well, 4:00 A. M. to 9:00 A.M. now, (Keast, Australia).

Straights Settlement. ZHJ, Penang, on 6.094 mc. is still on the air, according to letter from T. A. Crossley of the station, (Dean, Conn.) Two years ago the Penang Radio Society dismantled their short wave station and built it into a long wave station. Evidently they have reconsidered matters and again went back to short waves.

Turkey. TAQ, Ankara, on 15.195 mc. heard from 11:30 P.M. to 12:10 A.M. many times, evidently on new schedule, (Nichols, Pa.)

EUROPE

(Note). American newspapers claim that Germany will build a chain of stations from the short wave stations they have captured during the present conflict. These include Holland on 9.59 mc., 11.73 mc., 15.22 mc., and 17.77 mc. Belgium on 10.33 mc., Denmark on 9.52, 11.81, 15.16 and 17.81 mc., Norway on 6.13, 9.61, 11.735 and 15.17 mc., Poland on 11.53, 11.74, 13.63 and 15.12 mc. It is believed that Czechoslovakia will continue to operate on 11.84 mc. and 15.23 mc. France, with stations on fourteen frequencies, will be included in the chain. As a matter of fact, some of the French stations are already operating under German control, papers say.

Denmark. It is said that stations on 9.52 mc., 15.32 mc. and 17.81 mc. are operating, using calls beginning with DJ.

England. Twenty-one frequencies are now used by the English to broadcast programs. These are 6.05, 6.11, 7.23, 7.26, 9.51, 9.58, 9.60, 9.69, 11.75, 11.82, 11.86, 15.14, 15.18, 15.26, 15.31; 17.79; 17.81; 21.47; 21.53; 21.55 and 21.64. The latest schedule we have is shown in our station list. Many changes were made recently in schedule. These are on 6.05 mc., 6.11 mc., 7.23 mc., 9.59 mc., 9.60 mc., 9.69 mc., 11.75 mc., 11.82 mc., 15.14 mc., 15.26 mc., 17.81 mc. and 21.53 mc. England is now operating GSA on 6.05 mc.; GLS on 6.11 mc.; CSW on 7.23 mc. and GRX on 9.69 mc. from 10:55 P.M. to 7:15 P.M. the next day, about twenty hours daily, to give fifteen minute news flashes in many different languages. Members Stroh and Bird report GSN on 11.82, back on the air and member Woodward reports GSV on 17.8 mc. 5:45 to 3:00 P.M. off schedule they give.

France. Paris was heard on 9.53 mc. midnight to 1:00 A.M. one Friday last month, operated by the Germans, (Gallagher, Calif.)

Germany. Reported on twenty-four frequencies, and maybe two others. They are 6.02, 6.17, 7.24, 7.27, 7.29, 9.54, 9.56, 9.61, 9.65, 9.67, 10.07, 10.29, 10.54, 11.77, 11.80, 11.85, 15.11, 15.16, 15.18, 15.20, 15.34, 17.76, 17.84, 21.45 mc. Many captured stations in France, Poland, Belgium and other places may be heard using German call-signs.

Hungary. Letters say HAT-4 on 9.125 mc. now broadcasts 7:30 to 9:00 P.M. for North American listeners and 6:00 to 7:20 P.M. for South Americans. Both HAD-3 on 11.85 mc. and HAT-5 on 9.615 mc. have been discontinued, (Wynn, Mass.)

Italy. The Italians send us a monthly program booklet, but it usually only shows half the stations reported heard each month. Here is the latest news. They are using 11.76 mc., 11.90 mc., 15.30 mc., 15.23 mc., 17.82 mc. and 21.51 mc. many times between 11:00 P.M. and 1:00 A.M. for special programs. Heard many times last month, (Gallagher, Calif.) 2RO-

15 on 11.76 mc. heard 7:00 to 9:00 P.M. and after, (Bird, Del.) Heard at 11:30 P.M. (Stroh, Ont.) 2RO-14 on 15.23 mc. heard evenings (Bird). 2RO-8 on 17.82 mc. heard 11:30 P.M. (Nichols, Pa.) 2RO-12 on 15.10 mc. heard at 6:30 P.M. (Westerberg, Mass.)

Norway. The hour between 4:30 and 5:30 or 5:40 P.M. every day is used by LKV on 15.17 mc. for North American listeners, (Westerberg, Mass.)

Russia. A program sheet shows seven new frequencies used. It also shows a total of eighteen frequencies in use. These are 7.52 mc., 7.545 mc., 9.465 mc., 9.62 mc., 9.60 mc., 11.64 mc., 11.71 mc., 11.92 mc., 12.145 mc., 15.04 mc., 15.18 mc., 15.39 mc., 15.50 mc., 15.735 mc., 16.09 mc. and 18.54 mc. We ask you to turn to these places in your station list for details. Different from published schedules are these reports. Heard on 15.18 mc. 10:00 A.M. to noon (Bird, Del.) Heard 11.68 or 11.69 mc. starting up at 6:00 P.M. and on 15.41 mc. starting at 6:30, not 7:00 P.M. (Westerberg, Mass.)

Spain. EAQ, Madrid, on 9.68 mc. verifies again now. Schedule shows 5:30 to 8:30 P.M. daily, 1:00 to 2:00 P.M. Saturdays, (Haworth, Mass. and Stroh, Ont.)

Sweden. SBT, Stockholm, on 15.15 mc. seems to be on the air near midnight to 1:00 A.M. quite often, (Gallagher, Calif.)

Switzerland. HBO on 11.40 mc. was heard Thursdays last month around 10:15 P.M. for North America, (Bird, Del.) Schedule is Mondays and Wednesdays 6:45 to 8:15 P.M.

Vatican. HVJ has dropped their Thursday broadcasts and are sending programs Sundays to America, (Jones, Tenn.)

Yugoslavia. YUF-G on 15.24 mc. at Belgrade, signs off at 9:00 P.M. now instead of 10:00 P.M. (Bird, Del.)

SOUTH AMERICA

Argentina. LRU, Buenos Aires, on 15.29 mc. is used only 7:15 to 8:15 P.M. now. They will verify, they say, (Direct).

Dutch Guiana. Verification card from PZH, Paramaribo, says Tuesdays and Fridays 5:40 to 8:40 P.M., Sundays 8:40 to 10:40 A.M., first and third Thursdays of each month 6:40 to 8:40 P.M. Power is just 25 watts, (Seaton, Tenn.)

Peru. OAX4R, Lima, on 15.15 mc. broadcasts Saturdays 4:00 to 4:45 P.M. for North America, (Edwards, Pa.) OAX5C, Ica, moved from 9.39 to 9.48 mc. (Gallagher, Calif.) A station on 6.185 mc. using the slogan "Radio Lima," sounds like OAX4G on new frequency and using new slogan, (Oxrieder, C. Z.) OAX1A, Chiclayo veri says 6.15 mc., 7:30 to 11:30 P.M. daily, (Clark, N. Y.)

Uruguay. CXA-2 on 6.00 mc. and 9.57 mc. at Montevideo, uses new slogan "Radio Continental" and "La voz Coriolla del Radio de Plata" (Ramirez, Cuba). CXA-19, Montevideo, on 11.70 mc. using slogans "El Espectador" and "Radio Cantina," relays LS-2 "Radio Prieto" between 6:00 and 9:00 P.M. Uses three chimes as interval signal.

CENTRAL AMERICA

Nicaragua. YN1IP, Managua, on 7.30 mc. operates as an amateur week-days but broadcasts Sundays 10:00 to 11:00 A.M. (Oxrieder, C. Z.) YN2FT, Granada, on 7.193 mc. uses slogan "La Voz de Sultana," daily 8:00 to 10:00 P.M. Owner is Jose Terecero, (Legge, N. Y.) YN7AG, Masaya, on 7.66 mc. is heard Monday evenings broadcasting. It is operated by Rafael R. Arjona. These are amateurs broadcasting at times.

Panama. HP5A, Panama City on 11.70 mc. sends schedule as week-days 7:00 A.M. to 1:30 P.M. and 5:00 to 11:00 P.M., Sundays 9:00 A.M. to 2:30 P.M. and 7:00 to 11:00 P.M. (Stroh, Ont.) A station announcing HP6J was heard on 8.24 mc. at 11:00 P.M. once (Oxrieder, C. Z.)

Salvador. Can anyone hear this supposedly new station, YSM, on 6.15 mc.? Reports wanted.

WEST INDIES

Cuba. COK, Havana, on 11.57 mc. now has another outlet on 16.20 mc. (Ramirez, Cuba). Heard on about 16.50 mc. (Westerberg, Mass.) Announces they are in 18 meter band, (Edwards, Pa.) Announces schedule as 8:00 P.M. to midnight, not 11:30 P.M. (Herz, Ill.) May leave the air now that election is over, (Editor). COCW, Havana, on 6.33 mc. now has 750 watts power and will soon have 2,500, (Jones, Tenn.)

Dominican Republic. Some station is on 6.178 mc. announcing location as San Pedro de Macoris. Heard early evenings, (Oxrieder, C. Z.) HI1N on 6.24 mc. heard at 6:30 P.M., list shows starting at 7:30 P.M. (Bird, Del.)

Haiti. HH3W, Port-au-Prince, on 9.90 mc. heard at noon, list shows 1:00 to 2:30 P.M. (Bird, Del.)

Jamaica. ZQI, Kingston, on 4.75 mc. is broadcasting daily now 6:00 to 6:30 P.M. (Allwood, Jamaica).

NORTH AMERICA

Canada. CJRX, Winnipeg, Manitoba, on 11.72 mc. heard between 10:00 and 11:00 P.M. although schedule is to 8:30 P.M. only, (Bird, Del.) CKFX, Vancouver, C. C. on 6.07 once known as the world's smallest station now announcing power at 1,000 watts. Heard 11:30 P.M. to 1:30 A.M. on different schedule, too, (Edlund, Calif.)

Hawaii. Telephone station KHE on 17.97 mc. is rented Saturdays at 8:00 P.M. and Sundays at 4:30 P.M. to send special programs, while station KIO on 11.70 is also sometimes rented Saturdays and Sundays 10:00 to 11:30 P.M. They do not verify.

Newfoundland. VONG, St. John's on 9.47 mc. heard between 9:00 and 10:00 P.M., list shows 8:30 to noon on 9.47 and 4:30 to 9:30 P.M. on 5.97 mc. (Bird, Del.)

U. S. A. KGEI, San Francisco, on 15.33 mc. heard several times between 7:30 and 9:00 P.M. so must be schedule (Woodward, Mass.) Heard at 8:00 A.M. also, (Edwards, Pa.) WNBI, New York, on 11.89 mc. now, heard 10:00 to 11:00 P.M. (Gallagher, Calif.) Signs off on 6.10 mc. at 9.15 P.M., not till 1:00 A.M. (Bird, Del.) WLWO, Cincinnati, Ohio, on 9.59 mc.

heard 5:00 to 7:00 P.M., 5:45 to 6:00 A.M. and 8:45 to 9:00 P.M., all off schedule. (Woodward, Mass.) WLWO does not hold fast to a schedule. They are experimenting and our list shows the probable schedule they will use, as they sent it to us. Reception contrary to our list is experimental. Secretary Hull at the Havana Conference said ten new U. S. A. short wave stations would be in use within a year. The Colombia Broadcasting System has started constructing on two new 50 kw. transmitters, (Jones, Tenn.)

LATE NEWS FLASH

Using the call-sign VLQ-8 instead of VLQ-7, Sydney, Australia, was heard on 17.80 mc., sending a "regular" program to North America 12:55 to 1:45 A.M. They announced 2:15 A.M. as schedule. Also a program sheet received shows VLQ-6 on 25.36 meters, 11.83 mc., 2:00 to 4:00 A.M., but does not show VLQ-8 as heard, nor show VLQ-6 5:00 to 7:00 A.M. as shown in regular news section. (Gallagher, Calif.)

WITH THE REPORTERS

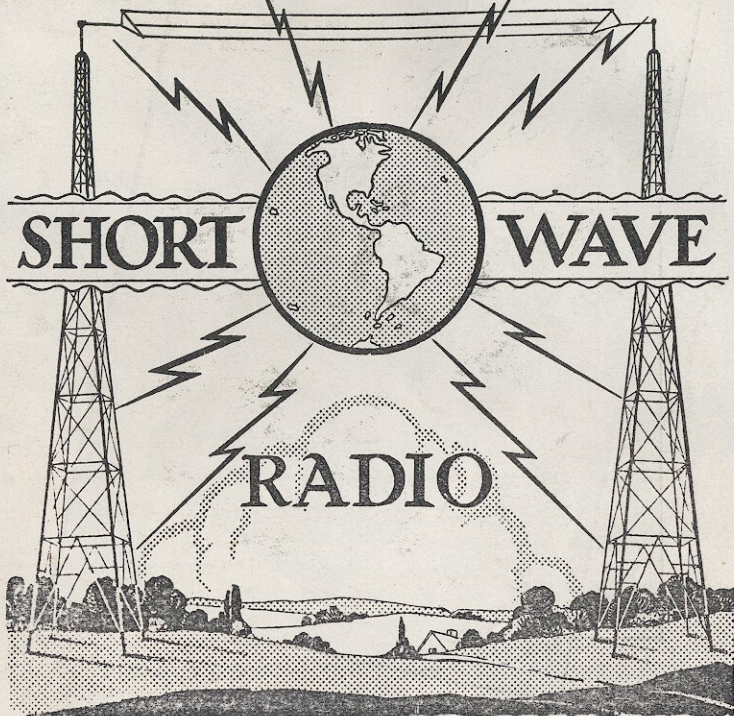
The following people have sent us reports. L. J. Keast, Randwick, N. S. W., Australia; Capt. R. B. Oxrieder, Carozal, Canal Zone; David Owen French, Norwich, England; Meredith Stroh, Kitchener, Ontario, Canada; Desmond Callan, Readville, Mass.; Gus G. Gallagher, San Francisco, Calif.; Bert Wolfe, Oakland, Calif.; Robert Edlund, Oakland, Calif.; Ford Edwards, Wilmerding, Pa.; Thomas Nichols, Philadelphia, Pa.; Leo Herz, Chicago, Illinois; Ted Seaton, Sevierville, Tenn.; Albert Haworth, Westboro, Mass.; Roy Winn, Clinton, Mass.; F. E. Woodward, Malden, Mass.; Hilding Westerberg, Roxbury, Mass.; J. P. Jones, Memphis, Tenn.; Roger Legge, Jr., Binghamton, N. Y.; Wm. E. Bird, Jr., Wilmington, Del.; Ying Ong, Phoenix, Arizona; Larry Lundberg, Minneapolis, Minn.; L. M. Clark, Snyder, New York.

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SEPTEMBER, 1940

NO. 12

INTERNATIONAL



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EAST LIVERPOOL, OHIO, U. S. A.

SHORT WAVE NEWS

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

NEW STATIONS HEARD OCEANIA

Australia. VLQ-3, Sydney, on 15.315 mc. is heard broadcasting daily 6:00 to 7:00 A.M. now, (Gallagher, Calif., Clark, N. Y.) Is heard 6:15 to 7:00 P.M., too, (Legge, N. Y.) VLQ-8, another new one, heard on 17.80 mc. 12:55 to 1:45 A.M. (Gallagher, Calif.) Is on 17.80, 1:00 to 1:40 A.M. (Pinotti, Calif.) VLQ-6 on 11.83 mc. is heard 5:00 to 7:00 A.M. (Keast, Australia). Heard at 4:00 P.M. (French, England). VLQ-8 on 17.80 mc. sends regular program to the U. S. A. 6:10 P.M. (Gallagher, Calif.) VLQ on 9.61 mc. is now heard midnight to 1:30 A.M. on new schedule, (Gallagher). VLR, Melbourne, announces new schedule. Is VLR-6 on 11.83 mc. 3:30 to 5:00 P.M., VLR-3 on 11.85 mc. 5:00 P.M. to 2:15 A.M. next day, and VLR on 9.58 mc. 2:30 to 9:30 A.M..

Fiji Islands. VFD-2, Suva, on 9.53 is heard many nights signing off around 12:30 to 1:00 A.M. (Gallagher, Calif.)

New Caledonia. "Radio Pacifique" on 7.28 mc. or 41.25 meters broadcasts daily 3:30 to 4:00 P.M. using French, (Keast, Australia.) No chances of being heard in America at that hour.

AFRICA

Portuguese West Africa. Radio Club de Benguela, Caixa Postal No. 17, Benguela, Angola, operates CR6RB on 10.953 mc. and 9.605 mc. daily 2:30 to 4:00 P.M., Sundays 11:00 A.M. to noon, verification says. Was heard last march on 10.953 but not since, (Legge, N. Y.)

Tunisia, Africa. A station called "Radio Tunis," was heard on 15.56 mc. at 2:30 P.M. broadcasting. However station has closed down since French capitulation to Germany, (name withheld, Mass.) Heard on 15.50 mc. at 5:40 P.M. (Nichols, Pa.)

ASIA

China. XPSA, Kweiyang, Kweichow, is on 8.54 mc., not 8.48 mc. as announced, (Gallagher, Calif.) They broadcast 5:30 to 11:10 A.M. and 4:30 to 5:30 P.M. (Ong, Arizona). XGOY and XGOX are no longer heard on 9.65 mc. and 15.20 mc. now, but some Chinese stations are heard on 6.02 mc., 6.04 mc. and 6.07 mc. around 7:00 A.M. now but have not been identified, (Gallagher, Calif.) A letter from the Foreign Department, Broadcasting Corp. of Japan, in reply to a report to XGAP, Peiping, on

9.56 mc. says XGAP is a Chinese, not a Japanese station. (Gallagher, Calif.) A California reporter says XMHA on 11.94 mc., XGAP on 9.56 mc., XOJD on 6.88 mc. and XGOK on 11.65 mc. are not on the air and should be removed from our list. We would like reports on this.

India. VUD-4, Delhi, moved from 11.87 to 11.83 mc. and is heard coming on at 6:30 A.M. and 9:30 P.M. (Legge, N. Y.)

Indo-China. Radio Saigon moved from 11.78 mc. to 11.75 (Pinotti, Calif.) English is used at 5:30 to 6:15 A.M. and 10:30 to 11:00 A.M. now. Schedule is 5:30 to 11:00 A.M. and 12:05 to 12:345 A.M. (Direct). Still on 11.78, (Gallagher).

Japan. A change in schedule has taken place, with time being added. JZK on 15.16 mc. now broadcasts 2:00 to 3:00 A.M. (new), 7:00 to 9:30 A.M.; 10:00 to 11:00 A.M. (new), 2:00 to 4:00 P.M. and 4:30 to 5:30 P.M. JZJ on 11.80 broadcasts midnight to 1:30 A.M., 7:00 to 9:30 A.M. and 2:00 to 4:00 P.M., while JLS-2 on 17.84 mc. works 4:30 to 5:30 P.M. and 8:00 to 9:00 P.M., this last for U. S. A. (Jones, Tenn.) In addition, JVV-3, Tokyo, on 11.72 mc. is heard regularly 12:45 A.M. on, and JVL, a phone station on 11.66 mc. has been heard broadcasting at 8:30 A.M. (Gallagher, Calif.)

Philippines. KZRH, Manila, "The Voice of the Philippines" is heard now on 11.89 mc., a new frequency, daily 11:00 A.M. to noon, (Gallagher, Calif.) Is on 11.90, not 11.89, 11:00 A.M. to noon, (Pinotti, Calif.)

Thailand. A letter advises that HSP6, Bangkok, on 7.968 mc. has been discontinued, and HSP5 on 11.715 mc. is used daily except Mondays 8:00 to 10:00 A.M. On Mondays HS6PJ on 19.02 is used 5:00 to 10:00 A.M. (Clark, N. Y.)

EUROPE

England. Twenty-one frequencies are now used by the English to broadcast programs. These are 6.05, 6.11, 7.23, 7.26, 9.51, 9.58, 9.60, 9.69, 11.75, 11.82, 11.86, 15.14, 15.18, 15.26, 15.31, 17.79, 17.81, 21.47, 21.53, 21.55 and 21.64. The latest schedule we have is shown in our station list. Many changes were made recently in schedule. These are on 6.05 mc., 6.11 mc., 7.23 mc., 9.59 mc., 9.60 mc., 9.69 mc., 11.75 mc., 11.82 mc., 15.14 mc., 15.26 mc., 17.81 mc. and 21.53 mc. England is now operating GSA on 6.05 mc.; GSL on 6.11 mc.; GSW on 7.23 mc. and GRX on 9.69 mc. from 10:55 P.M. to 7:15 P.M. the next day, about twenty hours daily, to give fifteen minute news flashes in many different languages.

France. Paris on 15.24 mc. is heard daily from 11:30 A.M. to 12:45 noon using French and German and are, of course, controlled by Germans, (Stroh, Ontario).

Germany. Reported on twenty-four frequencies, and maybe two others. They are 6.02, 6.17, 7.24, 7.27, 9.54, 9.56, 9.61, 9.65, 9.67, 10.07, 10.29, 10.54, 11.77, 11.80, 11.85, 15.11, 15.16, 15.18, 15.20, 15.34, 17.76, 17.84, 21.45 mc. Many captured stations in France, Poland, Belgium and other places may be heard using German call-signs.

Germany. A station called "British Rebel Station," using "God Save The King" and other BBC identifications, is on about 11.96 mc. to 11.935 mc. roaming around, between 3:30 and 5:00 P.M. week-days and 11:30 A.

M. and noon Sundays. It is supposed to be operated by Germans near Berlin, but say they are in England and hiding from English law. (Callan, French and Oxrieder).

Hungary. Letters say HAT-4 on 9.125 mc. now broadcasts 7:30 to 9:00 P.M. for North American listeners and 6:00 to 7:20 P.M. for South Americans. Both HAD-3 on 11.85 mc. and HAT-5 on 9.615 mc. have been discontinued, (Wynn, Mass.) Is heard on 9.125, on till 9:30 P.M., half hour later than schedule, (Capes, Illinois).

Italy. The Italians send us a monthly program booklet, but it usually only shows half the stations reported heard each month. Here is the latest news. They are using 11.76 mc., 11.90 mc., 15.30 mc., 15.23 mc., 17.82 mc. and 21.51 mc. many times between 11:00 P.M. and 1:00 A.M. for special programs. Heard many times last month, (Gallagher, Calif.) 2RO-15 on 11.76 mc. heard 7:00 to 9:00 P.M. and after, (Bird, Del.) Heard at 11:30 P.M. (Stroh, Ont.) 2RO-14 on 15.23 mc. heard evenings (Bird). 2RO-8 on 17.82 mc. heard 11:30 P.M. (Nichols, Pa.) 2RO-12 on 15.10 mc. heard at 6:30 P.M. (Westerberg, Mass.)

Norway. The hour between 4:30 and 5:30 or 5:40 P.M. every day is used by LKV on 15.17 mc. for North American listeners, (Westerberg, Mass.)

Russia. A program sheet shows seven new frequencies used. It also shows a total of eighteen frequencies in use. These are 7.52 mc., 7.545 mc., 9.465 mc., 9.62 mc., 9.60 mc., 11.64 mc., 11.71 mc., 11.92 mc., 12.145 mc., 15.04 mc., 15.18 mc., 15.39 mc., 15.50 mc., 15.735 mc., 16.09 mc. and 18.54 mc. We ask you to turn to these places in your station list for details. Different from published schedules are these reports. Heard on 15.18 mc. 10:00 A.M. to noon (Bird, Del.) Heard 11.68 or 11.69 mc. starting up at 6:00 P.M. and on 15.41 mc. starting at 6:30, not 7:00 P.M. (Westerberg, Mass.)

Sweden. SBT, Stockholm, on 15.15 mc. seems to be on the air near midnight to 1:00 A.M. quite often, (Gallagher, Calif.) SBP on 11.71 mc. and SBT on 15.15 mc. broadcasts nightly 8:00 to 9:00 P.M. The American-Swedish News Exchange, 630 Fifth Avenue, New York City, will send a 78 page book on Sweden for a report sent to them, (Stroh, Ontario).

Switzerland. HBO on 11.40 mc. was heard Thursdays last month around 10:15 P.M. for North America, (Bird, Del.) Schedule is Mondays and Wednesdays 6:45 to 8:15 P.M. HBO is heard 9:00 to 10:00 P.M. now, (Anthony, D. C.)

SOUTH AMERICA

Bolivia. CP43 at Tupiza, on 15.17 mc. uses slogan "Radio Tupiza" and "Radio Cotagaita." Heard between 7:00 P.M. and 9:15 P.M. (Gallagher Calif. and Westerberg, Mass.)

Brazil. PRA-9, a sister station to PRA-8, Pernambuco, on 6.01 mc. is now operating on 11.67 mc. between 7:00 and 11:00 P.M. with same programs as PRA-8 (Ramirez, Cuba).

Chile. CB1190, Valdivia, on 11.91 mc. must be off the air as it has not been heard in a long time, (Gallagher, Calif.)

Peru. OAX4R, Lima, on 15.15 mc. broadcasts Saturdays 4:00 to 4:45 P.M. and verified, (Clark, N. Y.) OAX5C, Ica, moved from 9.39 to 9.48 mc. (Gallagher, Calif.) A station on 6.185 mc. using the slogan "Radio Lima," sounds like OAX4G on new frequency and using new slogan (Oxrieder, C. Z.) OAX1A, Chiclayo, veri says 6.15 mc., 7:30 to 11:30 P. M. daily (Clark, N. Y.)

Uruguay. CXA-2 on 6.00 mc. and 9.57 mc. at Montevideo, uses new slogan "Radio Continental" and "La voz Coriolla del Radio de Plata" (Ramirez, Cuba). CXA-19, Montevideo, on 11.70 mc. using slogans "El Espectador" and "Radio Cantina," relays LS-2 "Radio Prieto" between 6:00 and 9:00 P.M. Uses three chimes as interval signal.

CENTRAL AMERICA

Costa Rica. TIRCC, San Jose, tells us they are on 6.18 mc. daily 7:00 to 8:00 P.M., Sundays 9:00 to 10:00 A.M., 11:00 to 11:30 A.M. and 8:00 to 9:00 P.M. They also say something about verifying, but we have not translated the full letter as yet. TI7RVM, Guanacaste, moved from 6.03 mc. to 5.985 mc. (Legge, N. Y.)

Honduras. HRN, Tegucigalpa, has verified, (Howe, Ala.) The world's poorest verifiers has come through at last.

Panama. A station announcing HP6J, "The Voice of Panamá." was heard on 8.25 mc. once signing off, (Oxrieder, C. Z.)

Nicaragua. YN1IP, Managua, on 7.30 mc. operates as an amateur week-days but broadcasts Sundays 10:00 to 11:00 A.M. (Oxrieder, C. Z.) YN2FT, Granada, on 7.193 mc. uses slogan "La Voz de Sultana," daily 8:00 to 10:00 P.M. Owner is Jose Terecero, (Legge, N. Y.) YN7AG, Masaya, on 7.66 mc. is heard Monday evenings broadcasting. It is operated by Rafael R. Arjona. These are amateurs broadcasting at times. A station announcing YNOW, "The Voice of Central America," was heard on 6.87 mc. at 8:15 P.M. once, (Oxrieder, C. Z.)

WEST INDIES

Cuba. COK, Havana, on 11.57 mc. now has another outlet on 16.20 mc. (Ramirez, Cuba). Heard on about 16.50 mc. (Westerberg, Mass.) Announces they are in 18 meter band, (Edwards, Pa.) Announces schedule as 8:00 P.M. to midnight, not 11:30 P.M. (Herz, Ill.) May leave the air now that election is over, (Editor). COCW, Havana, on 6.33 mc. now has 750 watts power and will soon have 2,500, (Jones, Tern.) A station of the RHC Cuban chain was heard on 11.50 mc., 8:00 to 10:00 P.M. (Gallagher, Calif.) Is COHI, Santa Clara and on 11.48 and was heard at 7:30 A.M. Call letters were not heard but said Santa Clara, (Rislow, N. D.) Is COGF, Matanzas, moved from 11.80 to 11.48 mc. (Bird, Del.)

Dominican Republic. Some station is on 6.178 mc. announcing location as San Pedro de Macoris. Heard early evenings, (Oxrieder, C. Z.) HI1N on 6.24 mc. heard at 6:30 P.M., list shows starting at 7:30 P.M. (Bird, Del.) HI6H, Trujillo, on 6.11 mc. says schedule is 9:20 A.M. to 5:20 P.M., E.S.T. on veri, (Clark, N. Y.)

NORTH AMERICA

Canada. CJRX, Winnipeg, Manitoba, on 11.72 mc. heard between 10:00

and 11:00 P.M. although schedule is to 8:30 P.M. only, (Bird, Del.) CKFX, Vancouver, C. C, on 6.07 once known as the world's smallest station now announcing power at 1,000 watts. Heard 11:30 P. M. to 1:30 A. M. on different schedule, too, (Edlund, Calif.)

Hawaii. Telephone station KHE on 17.97 mc. is rented Sundays at 4:30 P.M. to send special programs, while station KIO on 11.70 is also sometimes rented Saturdays and Sundays 10:00 to 11:30 P.M. They do not verify.

Newfoundland. VONG, St. John's on 9.47 mc. heard between 9:00 and 10:00 P.M., list shows 8:30 to noon on 9.47 and 4:30 to 9:30 P.M. on 5.97 mc. (Bird, Del.)

U. S. A. The Columbia Broadcasting System, has started construction of two new 50,000 watt transmitters at Brentwood, Long Island, New York. The present WCBX will be moved from Wayne, New Jersey to Brentwood as well. The new transmitters will cost upwards of \$300,000.00 not counting operation costs. WLWO, Cincinnati, Ohio, continues to broadcast irregularly, testing on various frequencies. WRUL, Boston, also continues to alter schedule and frequencies without apparent regard for schedule.

We show the schedule of WLWO for the week of September 23rd in our station list.

WITH THE REPORTERS

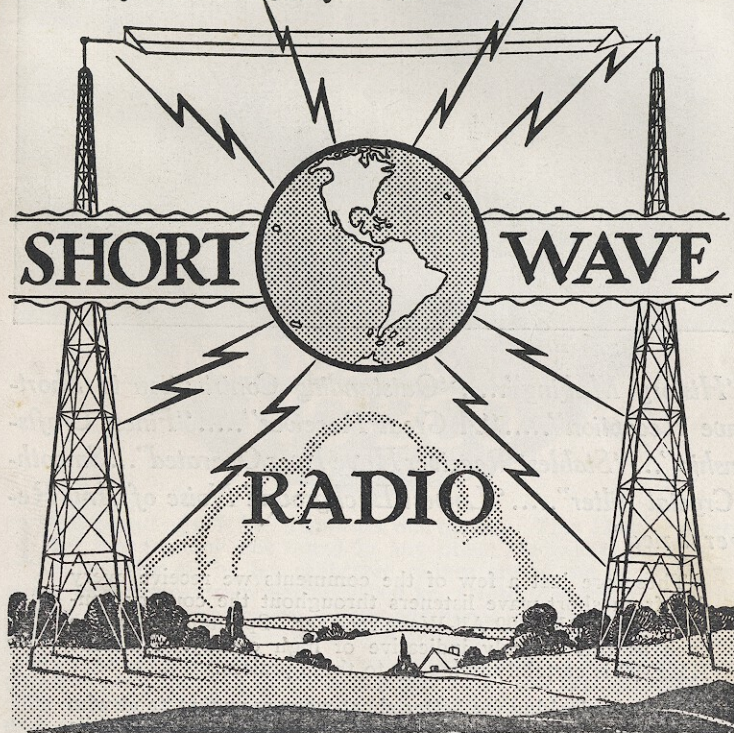
We show you here the smallest number of reporters ever to appear in our list in eleven years, but we hope that next month we will increase this list considerably. We thank the following for help: L. M. Clark, Snyder, N. Y.; Gwynneth Capes, Chicago, Illinois; F. Anthony, Washington, D. C.; G. C. Gallagher, San Francisco, Calif.; M. M. Stoh, Kitchener, Ontario; H. G. Rislow, Walhalla, orth Dakota; E. Pinotti, Laguna Beach, Calif.

VOL. XII

OCTOBER, 1940

NO. 1

INTERNATIONAL



This Edition Mailed October 15th
Next Edition Mailed November 15th
One Dollar per Year.

THE VOICE OF THE
INTERNATIONAL SHORT WAVE CLUB

EAST LIVERPOOL, OHIO, U. S. A.

SHORT WAVE NEWS

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 HEARD

Brazil. PSL, Rio de Janeiro, on 7.955 mc. or 7.935 mc. and PSF on 14.69 mc. heard along with PSH on 10.22 mc. broadcasting programs 6:00 to 7:00 P.M. (Legge, N. Y., Westerberg, Mass.) Note:—Evidently reports should go to Julio Barata, Director of Divisao Radio, Dept. de Imprensa y Propaganda, (Editor).

Bolivia. Radio Nacional de Bolivia, with offices and studios at Comercio 423 and postoffice address Casilla Correo 596, La Paz, Bolivia, operates three transmitters, two on short waves, according to a letter received by the editor. CP-2 on 6.11 mc. or 49.10 meters and CP-38 is on 9.595 mc. or 31.56 meters. They operate simultaneously relaying CP-3 from 11:00 A.M. to 2:00 P.M. and 6:30 P.M. to midnight. Each has 5 kw. power. Reports are wanted. The Costas brothers, R. and E., are owners and they promise to verify all honest reports.

Ecuador, HC2AK, Guayquil, on 9.26 mc., heard 7:00 to 10:00 P.M. (Legge, N. Y.)

Paramaribo (Dutch Guiana). Radio Paramaribo tested on 11.40 mc., 26.36 meters, several times, calling NBC and CSB in New York, then sent special programs, one Tuesday 6:30 to 6:40 P.M. which was relayed in New York. This may be just a commercial station, not a broadcaster, (Gallagher, Calif.)

Salvador. HUB, San Salvador is on 7.18 mc. and heard contacting amateurs, evenings, (Legge, N. Y.) Although in the amateur band and talking with amateurs, this call-sign indicates a commercial station.

Senegal, French West Africa. "Radio Dakar" at Dakar, was heard on about 9.38 mc. between 6:00 and 7:00 P.M. one Saturday using French and saying "Allo, Allo, ici Radio Dakar" (Waite, N. Y.)

OCEANIA

Australia. Here is the schedule released recently:

VLQ 9.615 mc., 2:00 to 2:30 A.M. and 5:55 to 7:15 A.M.
VLQ-5, 9.68 mc., 7:20 to 9:45 A.M., 10:25 to 11:00 A.M., 6:10 to 7:00 P.M.
VLW-4, 9.65 mc., 11:55 to 12:30 noon.
VLQ-2, 11.87 mc., 12:55 to 1:55 P.M.
VLQ-7, 11.88 mc., 2:30 to 4:00 P.M.
VLQ-8, 17.80 mc., 12:55 to 1:45 A.M.

Send reports to Dept. of Information, 375 Collins Street, or P. O. Box 780-H, Melbourne. The programs from 7:25 to 8:00 A.M., 10:25 to 11:00 A.M. and 12:55 to 1:45 A.M. are all for North America listeners, (Keast, Australia; Clark, N. Y.; Gallagher, Calif.; Samuel, New Zealand; Callan, Mass.) For some time the 6:10 to 7:00 P.M. was on VLQ-3 on 15.31 but moved September 13th to 9.68 mc.

AFRICA

Belgian Congo. OPM, a regular telephone and telegraph station at Leopoldville on 10.14 mc. has been heard relaying programs from "Radio Congo Belge" between 2:00 and 2:30 P.M. Used French and had 4-note interval signal. (Waite, N. Y. and Maurice, N. Y.)

Portuguese West Africa. CR6AA, Lobito, Angola, broadcasts Wednesdays and Saturdays on 13.00 mc. 2:45 to 4:30 P. M. and has been on 7.14 mc. 7.177 mc. and 9.09 mc. at various times. Operated by Radio Club, Box 103, Lobito, (Stroh, Ont.) Radio Club de Benguela, Caixa Postal No. 17, Benguela, Angola, operates CR6RB on 10.953 mc. and 9.605 mc. daily 2:30 to 4:00 P.M., Sundays 11:00 A.M. to noon, verification says. Was heard last March, but not since, (Legge, N. Y.)

Union of South Africa. ZRL, Johannesburg, on 9.614 mc. is now above DXB, Germany, and is heard 12:15 to 2:00 A.M., new time and slight change in frequency, (Gallagher, Calif.)

ASIA

China. XGRO, Shanghai, heard on 11.91 mc. or 25.15 meters 4:30 to 5:00 A.M., broadcasting and giving address same as XMHA, as Racecourse Road, Shanghai. Station is strictly anti-British in comments, (Keast, Australia). Note:—XMHA was reported months ago on 11.94 mc., 11.96 mc. and 12.12 mc. (Editor).

China. Station FFZ, Changhai, in a letter say they were on 12.09 mc. or 24.80 meters but have moved "to the other side of the 25 meter band." FFZ has 400 watts power on short waves and relays long wave FFZ. The daily schedule is 7:00 to 7:30 P.M.; 11:00 P.M. to 1:00 A.M. and 3:30 A.M. to 11:00 A.M., E.S.T. Claude Riviere signed the letter and the address is Station Radiophonique de L'Alliance Francaise, 193 Ave. Joffre, Shanghai, (Keast, Australia).

China. XPSA, Kweiyang, Kweichow, is on 8.54 mc., not 8.48 mc. as announced, (Gallagher, Calif.) They broadcast 5:30 to 11:10 A.M. and 4:30 to 5:30 P.M. (Ong, Arizona). XGOY and XGOX are no longer heard on 9.65 mc. and 15.20 mc. now, but some Chinese stations are heard on 6.02 mc., 6.04 mc. and 6.07 mc. around 7:00 A.M. now but have not been identified, (Gallagher, Calif.)

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Indo-China. Radio Saigon moved from 11.78 mc. to 11.75 (Pinotti, Calif.) English is used at 5:30 to 6:15 A.M. and 10:30 to 11:00 A.M. now. Schedule is 5:30 to 11:00 A.M. and 12:05 to 12:345 A.M. (Direct). Still on 11.78, (Gallagher).

Japan. The October schedule is as follows: JLS-2 is off the air. JZK on 15.16 mc. 2:00 to 3:00 A.M., 10:00 to 11:00 A.M., 4:30 to 5:30 P.M. and 8:00 to 9:00 P.M. JZJ on 11.80 mc. midnight to 1:30 A.M., 7:00 to 9:30 A.M., 2:00 to 4:00 P.M. and 4:30 to 5:30 P.M. JZI on 9.53 mc. 7:00 to 9:30 A.M. and 2:00 to 4:00 P.M. In addition stations like JVH on 14.62 mc., JVL on 11.66 mc. and JVV-3 on 11.72 mc. may be heard broadcasting at times. JVV-3 is pretty regular after midnight, (Gallagher, Calif.)

Manchukuo. MTCY, Hsinking, on 11.78 mc. may be heard testing as early as 12:50 A.M., before broadcast starts at 1:30 A.M. (Gallagher.)

Philippines. KZRH, Manila, "The Voice of the Philippines" is heard now on 11.89 mc., a new frequency, daily 11:00 A.M. to noon, (Gallagher, Calif.) Is on 11.90, not 11.89, 11:00 A.M. to noon, (Pinott, Calif.) KZ1B, Manila, on 9.50 mc. comes on at 2:30 A.M. now (Gallagher.)

Thailand. A letter advises that HSP6, Bangkok, on 7.968 mc. has been discontinued, and HSP5 on 11.715 mc. is used daily except Mondays 8:00 to 10:00 A.M. On Mondays HS6PJ on 19.02 is used 8:00 to 10:00 A.M. (Clark, N. Y.)

EUROPE

England. Twenty-one frequencies are now used by the English to broadcast programs. These are 6.05, 6.11, 7.23, 7.26, 9.51, 9.58, 9.60, 9.69, 11.75, 11.82, 11.86, 15.14, 15.18, 15.26, 15.31, 17.79, 17.81, 21.47, 21.53, 21.55 and 21.64. The latest schedule we have is shown in our station list. For North American fans, from 5:42 P.M. to 9:30 P.M., the frequencies 9.58 mc., 11.75 and 11.82 are used and from 9:30 to 11:35 P.M., 6.11 mc., 9.51 mc., 9:58 mc. and 11.75 mc. are used. Different from the printed schedule we have received are these reception reports. GSV on 17.81 mc. heard 5:40 to 6:00 P.M. (Woodward, Mass.) GSO on 15.18 mc. noon and after, (Bird, Del.) GSI on 15.25 mc. 6:00 to 10:00 P.M. and GSO on 15.18, 2:00 to 4:00 P.M. and between 8:00 and 9:00 P.M. (Bird, Del.)

Germany. The program for America are as follows: On 9.61 mc. 4:50 to 1:00 A.M. next day. On 11.77 mc. 7:15 to 11:00 P.M. On 11.80 mc. 4:50 to 7:00 P.M. On 15.11 mc. 6:00 to 9:00 A.M. On 15.20 mc. 11:15 A.M. to 11:30 A.M., 2:15 to 2:30 P.M. and 3:30 to 4:00 P.M. On 15.24 mc. 4:50 to 11:00 P.M. Reports follow: New German on 15.16 mc. heard at 4:30 and 7:30 P.M. and one on 15.18 mc. heard 6:00 to 8:00 P.M. (Woodward, Mass.) DJB on 21.45 mc. at 10:00 A.M. DJR on 15.34 mc. from 4:00 to 10:00 P.M., DJE on 17.76 mc. at 1:00 and 5:00 P.M. and DJB on 15.20 mc. noon to 11:00 P.M. (Anthony, D. C.)

Hungary. Although letters say programs are on 9.125 mc. 6:00 to 7:20 P.M. for South America and 7:30 to 9:00 P.M. for North America, station is heard as early as 5:00 P.M. many times, (Westerberg, Mass.) HAS-3 on 15.37 mc. heard 2:00 to 3:00 P.M. one Sunday, (Anthony, D.C.)

Italy. Reports showing variance from schedule follow: 2RO-8 on 17.82 mc. heard 2:00 to 3:00 P.M. and 2RO-14 on 15.23 mc. heard 4:00 to 5:00 P.M., both off schedule, (Bird, Del.) 2RO-14 heard 6:00 to 7:00 P.M. also, (Woodward, Mass.) IRF on 9.83 mc. heard 6:00 to 9:00 P.M. again,

and IQY on 11.67 mc. also heard 6:00 to 9:00 P.M. now (Anthony, D. C.)

Netherlands. Hilversum heard on 11.37 mc. one night, (Westerberg, Mass.) Hilversum was on 11.73, not 11.37 before the war.—Editor.

Portugal. CSW-6, Lisbon, on 11.04 mc. heard at 11:00 A.M., off schedule, (Anthony, D. C.)

Russia. A program sheet shows seven new frequencies used. It also shows a total of eighteen frequencies in use. These are 7.52 mc., 7.545 mc., 9.465 mc., 9.62 mc., 9.60 mc., 11.64 mc., 11.71 mc., 11.92 mc., 12.145 mc., 15.04 mc., 15.18 mc., 15.39 mc., 15.50 mc., 15.735 mc., 16.09 mc. and 18.54 mc. We ask you to turn to these places in your station list for details. Moscow, on 15.16 mc., not 15.18, at 4:30 and 7:19 P.M. (Woodward, Mass.) On 15.04 mc. at 1:00 P.M., off schedule, (Anthony, D. C.) Strange station on 14.717 mc. heard every day 7:30 to 8:00 A.M. and after, Waite, N. Y.) One on 11.71 mc. heard at 4:00 P.M. along with stations on 15.18 and 12:00 mc. (Westerberg, Mass.) Some station using Russian on 11.84 mc. heard 1:30 to 2:00 P.M. several times, (Gallagher, Calif.)

Sweden. SBT, Stockholm, on 15.15 mc. seems to be on the air near midnight to 1:00 A.M. quite often, (Gallagher, Calif.) SBP on 11.71 mc. and SBT on 15.15 mc. broadcasts nightly 8:00 to 9:00 P.M. The American-Swedish News Exchange, 630 Fifth Avenue, New York City, will send a 78 page book on Sweden for a report sent to them, (Stroh, Ontario).

Switzerland. HBP, Geneva, on 6.17 mc. heard 6:00 to 6:25 P.M. often. (Keast, Australia). HBH, on 18.48 mc. heard Fridays (Keast). HBO on 11.40 and HBJ on 14.53 mc. heard Mondays and Wednesdays starting at 8:45 P.M. for North America, (Bird, Del.) We remind listeners that Geneva stations are used often to relay special European programs to America with no previous announcements.

Vatican. HVJ, on 9.66 mc., is now used Sundays at 8:30 P.M. for American listeners, (newspapers). HVJ, on 15.12 mc. heard 7:30 to 8:30 P.M. one Sunday, (Bird, Del.)

Yugoslavia. YUF, Belgrade, on 15.25 mc. heard at 7.45 P.M., off schedule, (Woodward, Mass.)

SOUTH AMERICA

Argentina. LRU, Buenos Aires, on 15.29 mc. heard till 9:00 P.M. schedule sent by station last month says 7:15 to 8:15 P.M. (Anthony, D. C.)

Bolivia. CP43, Tupiza, on 15.165 or 15.17 mc., heard 6:00 to 9:30 P.M. now, (Legge Gallagher and Westerberg.)

Brazil. The station PRA-9, Pernambuco, on 11.67 mc. reported last month has not been reported by any except one reporter. Is supposed to broadcast 7:00 to 11:00 P.M. Anyone else hearing it? PSH on 10.22 mc. heard 4:15 to 5:45 P.M. once along with PRF5 on 9.50 mc. (Bird, Del.)

Ecuador. HCJB, Quito, on 12.46 mc., broadcasts very night except Monday 6:00 to 10:00 P.M., not 7:00 to 10:00 P.M. (Edwards, Pa.) HC1PM, Quito, on 5.73 mc., heard every night at 7:00 P.M., not just some nights, 8:00 to 10:00 P.M. as listed (Westerberg, Mass.) HC2ET, Quito, on 9.19 mc., heard 6:00 to 11:00 P.M. daily, not just 8:00 to 10:00 P.M. (Wester-

berg). We want additional reports on these before making changes in our list.

Colombia. HJFK, Pereira, "La Voz Amiga," heard on 6.09 mc. now instead of 4.86 mc. 8:00 to 11:30 P.M. (Westerberg, Mass.)

Peru. OAX4R, Lima, on 15.15 mc. heard sending program to "Radio Grande" in Argentina and "Radio Illimani" in Bolivia between 7:15 and 8:15 A.M. (Waite, N.Y.) Heard 6:30 to 8:00 A.M. with program for "Radio El Mundo" (McDermott, N.Y.) Broadcasts Saturdays 4:00 A.M. to 4:45 P.M. regularly (Editor).

Uruguay. CXA-14 on 11.83 mc. and CXA-8 on 9.64 mc. sent test program 1:00 to 3:00 A.M. one Thursday, (Gallagher, Calif.)

Venezuela. Many of the stations formerly heard near 5.00 mc. are no longer heard. Many others are heard between 3.35 mc. and 3.52 mc., and identified, are YV1RO, Trujillo, on 3.37 mc. and YV5RW on 3.38 mc. Others are on 3.35 mc., 3.36 mc., 3.40 mc., 3.50 mc. and 3.52 mc. (Bird, Del.)

CENTRAL AMERICA

Costa Rica. Some station on 6.15 mc. between WPIT and HJCD announces Costa Rica and signs off with playing of "Good Night, a Thousand Good Nights" around 11:15 to 11:30 P.M. (Westerberg, Mass.)

Mexico. XEUW, Veracruz, on 6.02 mc., say they broadcast 6:00 A.M. to midnight CST or 7:00 A.M. to 1:00 A.M., E.S.T., not just 6:00 P.M. to 1:00 A.M. (direct). They promise to verify.

Nicaragua. YN1IP, Managua, on 7.30 mc. operates as an amateur week-days but broadcasts Sundays 10:00 to 11:00 A.M. (Oxrieder, C. Z.) YN2FT, Granada, on 7.193 mc. uses slogan "La Voz de Sultana," daily 8:00 to 10:00 P.M. Owner is Jose Terecero, (Legge, N. Y.) YN7AG. Masaya, on 7.66 mc. is heard Monday evenings broadcasting. It is operated by Rafael R. Arjona. These are amateurs broadcasting at times. A station announcing YNOW, "The Voice of Central America," was heard on 6.87 mc. at 8:15 P.M. once, (Oxrieder, C. Z.)

Salvador. Some station in Salvador is on 6.58 mc. and heard at midnight with same program as YSP on 10.40 mc. (Westerberg, Mass.)

WEST INDIES

Some station announcing Santa Clara is on about 11.48 or 11.49 mc. It is hard to identify. Here are reports: Is using slogan "Radio Philips" and has same programs as COHI on 6.45 mc. (Westerberg, Mass.) Says "Radio Philco" and relays CMC, (Gallagher, Calif.) Is COHI, heard as early as 7:30 A.M. (Rislow, N. D.) Is COGF moved from 11.80 mc. (Bird, Del.) There is a rumor that COK, Havana, on 11.57 mc. now using the slogan "Okey Batista" will be moved to the Palace of Sports (El Palacio de Los Deportes) and will remain on the air on both 11.57 and 16.50 mc. to broadcast sporting events. Senor Batista was elected President of the Republic. Member Westerberg says COK is now heard all day long, from 7:00 A.M. to 11:30 P.M.

Haiti. HH2S, Port-au-Prince, on 5.98 mc., heard at 6:00 P.M. list shows 7:00 to 10:00 P.M. (Anthony, D. C.)

Martinique. Radio Fort de France, on 9.70 mc., heard 1:00 to 2:00 P.M., not shown on list, (Anthony, D. C.)

NORTH AMERICA

Canada. CJRX, Winnipeg, on 11.72 mc., heard till 1:00 A.M. instead of just 8:30 P.M. (Stroh, Ont.) Heard between 10:00 and 11:00 P.M. (Bird, Del.) Station wrote us schedule was 4:00 to 8:30 P.M. only. CJCX, Sydney, N. S., on 6.01 mc., heard at 9:00 P.M. off schedule, (Anthony, D.C.)

Hawaii. Programs from HKE and K10 have been discontinued, (Gallagher).

Newfoundland. VONG, St. John's, on 5.97 mc., writes the call-sign has been changed to VONH on this frequency, (Westerberg, Mass.) Is heard on 9.47 mc. as late as 10:00 P.M., list shows 8:30 A.M. to noon only, (Bird, Del.)

U. S. A. With the change to slow time, many U. S. A. stations changed schedules. Among these are WCAB, WCBX, WLWO and KGEI, all of which have been changed in our list according to word received from the station. WLWO still claims to be testing, but will be officially opened October 17th. WCBX will continue to broadcast, while two new 50,000 watt transmitters are being erected in Brentwood, New York, with their old transmitter. Although the fair has been closed and buildings removed, KGEI, San Francisco, still operates as follows: On 15.33 mc. 6:30 to 11:30 P.M. and on 9.67 mc. midnight to 12:30 noon. (Gallagher, Calif.)

LITTLE AMERICA

KC4USC on the Snow Cruiser, is on 28.60 mc. (ten meter phone), afternoons as late as 6:19 P.M. (Waite, N.Y.) KTRK, West Base, on 12.86 mc. worked tests with WGEO, New York midnight to 1:00 A.M. Sunday, (Gallagher, Calif.)

LATE NEWS FLASHES

Received too late to classify are these reports: From Member Keast of Australia, the following: CP5, La Paz Bolivia, on 6.20 mc. at 6:00 A.M.; HH3W, Port-au-Prince, Haiti, on 9.90 mc. at 6:00 A.M., also, VLQ-9, on 7.24 mc. or 41.40 meters was testing for a time with Radio Noumea 6:00 to 6:30 A.M. but have discontinued; VLQ-7 on 11.88 mc. sends programs to Palestine 2:00 to 2:30 P.M.; VLQ-1 on 9.61 mc. sends program to Britain 2:00 to 2:30 A.M. and "Radio Pacifique," at Noumea, is now on 5.48 mc. or 46.30 meters operating 3:30 to 7:30 P.M. Opens with "La Cant du Depart." Has 100 watts power only.

Direct from the station comes word that Lourenco Marques is using 3.49 mc., 6.035 mc. and 15.25 mc. only now, on schedule we list. Norway is reported on 11.73 mc. again after a long silence. Time 5:00 to 6:00 P.M. A new Ecuador station was supposed to open this month. It is HC2K, on 9.235 mc. It relays HC2J from 6:00 to 7:00 A.M., 11:00 A.M. to 1:00 P.M. and 4:00 to 10:00 P.M. QRA is Compania Radiodifusora del Ecuador, Guayaquil. Anyone able to hear it?

WITH THE REPORTERS

To the following persons we give thanks for their helpful news and information: E. Miles Samuel, Wellington, New Zealand; L. J. Keast,

Randwick, N. S. W., Australia; Meredith Stoh, Kitchner, Ontario, Canada; G. C. Gallagher, San Francisco, Calif.; William E. Bird, Wilmington, Delaware; Desmond Callan, Readville, Mass.; F. Anthony, Washington, D. C.; LeRoy Waite, Balston Spa, New York; Tlva Tresidder, Flint, Mich.; Captain George McDermott, Staten Island, New York; Roger Legge, Jr., Binghamton, New York; Andre Maurice, Flushing, New York; Ford Edwards, Wilmerding, Pa.; Frederick Woodward, Malden, Mass.; Hilding Westberg, Roxbury, Mass.

VOL. XII

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NO. 2



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THE VOICE OF THE
INTERNATIONAL SHORT WAVE CLUB

EAST LIVERPOOL, OHIO, U. S. A.

SHORT WAVE NEWS

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 HEARD

China. XGOX, Chungking, heard on 16.20 mc. 7:00 to 8:00 P.M. almost daily now. (Maurice, N. Y. and LeAnne, Wisc.)

Bolivia. Radio Nacional de Bolivia, with offices and studios at Comercio 423 and postoffice address Casilla Correo 596, La Paz, Bolivia, operates three transmitters, two on short waves, according to a letter received by the editor. CP-2 on 6.11 mc. or 49.10 meters and CP-38 is on 9.595 mc. or 31.56 meters. They operate simultaneously relaying CP-3 from 11:00 A.M. to 2:00 P.M. and 6:30 P.M. to midnight. Each has 5 kw. power. Reports are wanted. The Costas brothers, R. and E., are owners and they promise to verify all honest reports.

Ecuador. HC2AK, Guayaquil, is on 9.26 mc. between 7:00 P.M. and 10:00 P.M. It relays HC2AJ and is owned by Compania Radiodifusora del Ecuador. Station was testing on 9:23 mc. but now on 9:26 mc. (Legge, N.Y.) Heard on 9.26 as late as 11:00 P.M. (Westerberg, Mass.) Schedule is 6:00 to 7:00 A.M. and 11:00 A.M. to 1:00 P.M. and 4:00 to 10:00 P.M. according to station.

French Equatorial Africa. A station on 11.95 mc. heard 3:00 to 4:00 P.M. saying "Viva General de Gaulle and France Libere, ici Radio Roderille" (or Radio Roderique) (Gallagher, Calif.) Is Radio Brazzaville and heard at 3:30 P.M. (Maurice, N. Y.) Heard on 11.97 mc. 1:00 to 1:30 A.M. (Waite, N. Y.) (See late news at end of this section).

Japan. New stations include JVW on 7.26 mc., JLG on 7.28 mc. and JLG2 on 9.50 mc., all used 2:00 to 4:00 P.M. irregular, (direct). JLG4 on 15.11 mc. and JVZ on 11.81 mc. both heard broadcasting to North America, 8:00 to 10:00 P. M. now in place of JZK, (Hutchinson, N. H.)

Russia. New stations listed in official program sheet are on 9.01 mc. at 12:30 A.M., on 11.50 mc. 6:00 to 6:30 A.M., and 1:00 to 1:30 A.M., on 10.14 mc., 1:00 to 1:30 P.M. 3:45 to 4:00 P.M.; on 11.83 mc. 1:30 to 2:00 A.M.; 1:00 to 2:00 P.M. and 4:30 to 5:00 P.M.; on 14.72 mc. 6:00 to 7:30 A.M., and 11:00 to 11:45 A.M., and 18.54 mc. 1:00 P.M. and 4:00 P.M. (Capes, Illinois)

Venezuela. New stations heard are YV6RZ, Barcelona, La Voz de Anzoatagui, on 3.45 mc. till 9:00 P.M.; YV3RF, Acarigua, La Voz de Llano, on 3.49 mc. till 10:00 P.M. and YV5RV, La Guaria, Emisora Vargas, on 3.50 mc. till 9:30 P.M. (Legge, N. Y.)

U. S. A. WLWO, Cincinnati, now licensed to operate on 6.08 mc. 11.71 mc., 15.25 mc., 17.80 mc. and 21.65 mc. Is on 15.25 mc. noon to 5:00 P.M. and on 11.71 mc. 5:00 to 8:00 P. M. now.

GENERAL NEWS

OCEANIA

Australia. Here is the schedule released recently:

VLQ, 9.615 mc., 2:00 to 2:30 A.M. and 5:55 to 7:15 A.M.; VLQ-5 9.68 mc. 7:20 to 9:45 A.M., 10:25 to 11:00 A.M., 6:10 to 7:00 P.M.; VLW-4, 9.65 mc., 11:55 to 12:30 noon; VLQ-2, 11.87 mc., 12:55 to 1:55 P.M.; VYQ-7, 11.88 mc., 2:30 to 4:00 P.M.; VLQ-8, 17.80 mc., 12:55 to 1:45 A.M. Programs for North America are sent on 9.68 mc., 7:20 to 8:00 A.M. and 10:25 to 11:00 A.M., 6:10 to 7:00 P.M. and on 17.80 mc. from 12:55 to 1:45 A.M. VLQ-9, on 7:24 mc. or 41.40 meters was testing for a time with Radio Noumea 6:00 to 6:30 A.M. but have discontinued; VLQ-7 on 11.88 mc. sends programs to Palestine 2:00 to 2:30 P.M.; VLQ-1 on 9.61 mc. sends program to Britain 2:00 to 2:30 A. M.

Noumea. "Radio Pacifique," at Noumea, is now on 6.48 mc. or 46.30 meters operating 3:30 to 7:30 P.M. Opens with "La Cant de Depart." Has 100 watts power only, (Keast, Australia).

AFRICA

Belgian Congo. OPM, a regular telephone and telegraph station at Leopoldville on 10.14 mc. has been heard relaying programs from "Radio Congo Belge" between 2:00 and 2:30 P.M. Used French and had 4-note interval signal. (Waite, N. Y. and Maurice, N. Y.)

Sengal, French West Africa. "Radio Dakar" at Dakar, was heard on about 9.38 mc. between 6:00 and 7:00 P.M. one Saturday using French and saying "Allo, Allo, ici Radio Dakar" (Waite, N. Y.)

Portuguese East Africa. Direct from the station comes word that Lourenco Marques is using 3.49 mc., 6.035 mc. and 15.25 mc. only now, on schedule we list.

Union of South Africa. ZRL, Johannesburg, on 9.614 mc. is now above DXB, Germany, and is heard 12:15 to 2:00 A.M., new time and slight change in frequency, (Gallagher, Calif.)

ASIA

China. XGOX, Chungking, is on 16.20 mc., a new frequency, nightly 7:00 to 8:00 P.M. for American listeners, in English, (Maurice, N. Y. and LeAnne, Wisc.) Ying Ong and L. A. Huachinson send this schedule. XPSA on 8.54 mc. 5:30 to 11:00 A.M., 4:00 to 5:00 P.M. XGOY on 9.50 mc. 2:00 to 4:00 P.M. XGOY on 9.63 mc. 9:00 to 9:45 A.M. XGOX on 11.90 mc. 5:00 to 8:45 A.M., 10:00 to 12:35 P.M., 4:30 to 5:30 P.M. XGOX on 15.20 mc. 1:00 to 3:05 A.M., 7:00 to 8:00 P.M. and 11:30 to 12:50 A.M. G. C. Gallagher, San Francisco, California, reports XGOY on 11.90 mc. 6:30 to 7:00 P.M. and 15.20 mc. 7:00 to 7:30 P.M. testing. Some station is on

about 9.72 mc. along with XGOY on 11.90 mc. till 11:30 A.M. (Maybe this 9.63 station is really on 9.72).

India. VUD-4, Delhi, moved from 11.87 to 11.83 mc. and is heard coming on the air at 6:30 A.M. and 9:30 P.M. (Legge, N. Y. and Keast, Australia).

Indo-China. Radio Saigon is on 11.78 mc. 5:30 to 6:15 A.M., 6:45 to 7:15 A.M., 10:30 to 11:00 A.M. and 12:15 to 12:45 A.M. (Smith, Ky.)

Japan. JLG4 on 15.11 mc. and JVG on 11.81 mc. have replaced JZK on the American program, 8:00 to 9:00 P.M. nightly, (Hutchinson, N. H.) Official list shows JVW on 7.26 mc. or JLG on 7.28 mc. 2:00 to 4:00 P.M., JLG2 on 9.50 mc. or else JZI on 9.53 mc. also 2:00 to 4:00 P.M., with JZI also used 7:00 to 9:30 A.M. and 10:00 to 11:00 P.M., JZJ on 11.80 mc. midnight to 1:30 A.M., 7:00 to 9:30 A.M. and 4:30 to 5:30 P.M. and JZK on 15.16 mc. used 2:00 to 3:00 A.M. and 4:30 to 5:30 P.M.

Philippines. KZRH, Manila, "The Voice of the Philippines" is heard now on 11.89 mc., a new frequency, daily 11:00 A.M. to noon, (Gallagher, Calif.) Is on 11.90, not 11.89, 11:00 A.M. to noon, (Pinott, Calif.) KZIB, Manila, on 9.50 mc. comes on at 2:30 A. M. now (Gallagher).

Thailand. A letter advises that HSP6, Bangkok, on 7.968 mc. has been discontinued, and HSP5 on 11.715 mc. is used daily except Mondays 8:00 to 10:00 A.M. On Mondays HS6PJ on 19.02 is used 8:00 to 10:00 A.M. (Clark, N. Y.)

Turkey. TAP, Ankara, on 9.46 mc. heard till 7:00 P.M. now during crisis, instead of signing off at 4:30 P.M. (Nichols, Pa.)

EUROPE

Telephones. A new telephone circuit of interest includes Portugal, Azores and Maderia. CUM, San Miguel, on 6.995 was heard calling Lisbon at 7:00 P.M. CUQ2, Maderia, on 5.03 mc. at 5:30 P.M. and CVT2 on 11.148 mc. at Monsanto calling Brazil at 5:30 P.M. (Legge, N. Y.)

England. Quite a few changes in schedule were made this month. These are shown in our station list.

France. Newspaper reports say that Germany dismantled the short wave stations of France to keep them from being moved to the unoccupied section.

Germany. American programs are as follows: On 6.02 mc. 9:15 P.M. to 1:00 A.M. next day. On 10.54 mc. 5:30 to 11:00 P.M. On 11.77 mc. 4:50 to 11:00 P.M. On 11.80 mc. 3:30 to 4:30 P.M. On 15.11 mc. 6:00 to 8:45 A.M. On 15.20 mc. 12:30 to 12:45 P.M., 1:30 to 1:40 P.M. and 2:00 to 2:15 P.M. On 15.24 mc. 4:50 to 11:00 P.M.

Hungary. Although letters say programs are on 9.125 mc. 6:00 to 7:20 P.M. for South America and 7:30 to 9:00 P.M. for North America, station is heard as early as 5:00 P.M. many times, (Westerberg, Mass.) HAS-3 on 15.37 mc. heard 2:00 to 3:00 P.M. one Sunday, (Anthony, D.C.)

Italy. Reports showing variance from schedule follow: 2RO-8 on 17.82 mc. heard 2:00 to 3:00 P.M. and 2RO-14 on 15.23 mc. heard 4:00 to 5:00 P.M., both off schedule, (Bird, Del.) 2RO-14 heard 6:00 to 7:00 P.M.

also, (Woodward, Mass.) IRE' on 9.83 mc. heard 6:00 to 9:00 P.M. again, and IQY on 11.67 mc. also heard 6:00 to 9:00 P.M. now (Anthony, D. C.) Netherlands. PCJ on 15.22 mc. heard 9:30 to 9:45 A.M. in English and PHI on 11.37 mc. (not 11.73) heard one night, (Westerberg, Mass.)

Russia. A whole new set-up of stations and schedules are in use now. Stations on 6.00 mc., 6.03 mc., 7.52 mc., 9.46 mc., 11.64 mc., 11.92 mc., 12.14 mc., 15.39 mc., 15.50 mc., 15.73 mc. and 16.09 mc. are not shown at all. New stations on 9.01 mc., 11.50 mc., 10.12 mc., 11.83 mc., 14.72 mc. and 18.54 mc. are now on the air, as shown under "New Stations" and in our station list, (Capes, Illinois).

Switzerland. HBP, Geneva, on 6.17 mc. heard 6:00 to 6:25 P.M. often. (Keast, Australia). HBH, on 18.48 mc. heard Fridays (Keast). HBO on 11.40 and HBJ on 14.53 mc. heard Mondays and Wednesdays starting at 8:45 P.M. for North America, (Bird, Del.) We remind listeners that Geneva stations are used often to relay special European programs to America with no pervious announcements.

Vatican. HVJ, on 9.66 mc., is now used Sundays at 8:30 P.M. for American listeners, (newspapers). HVJ, on 15.12 mc. heard 7:30 to 8:30 P.M. one Sunday, (Bird, Del.)

SOUTH AMERICA

Bolivia. CP5, La Paz, on 6.20 mc. heard at 6:00 A.M. (Keast, Australia). CP43, Tupiza on 15.17 mc. heard 6:00 to 9:30 P.M. by many now.

Brazil. PSL, Rio de Janeiro, heard last month along with PSH on 10.22 mc. 6:00 to 7:00 P.M. is on 7.935 mc., not 7.955, (Legge, N. Y.)

Ecuador. HCJB, Quito, on 12.46 mc., broadcasts very night except Monday 6:00 to 10:00 P.M., not 7:00 to 10:00 P.M. (Edwards, Pa.) HC1PM, Quito, on 5.73 mc., heard every night at 7:00 P.M., not just some nights, 8:00 to 10:30 P.M. as listed (Westerberg, Mass.) HC2ET, Quito, on 9.19 mc., heard 6:00 to 11:00 P.M. daily, not just 8:00 to 10:00 P.M. (Westerberg). We want additional reports on these before making changes in our list.

Colombia. HJFK, Pereira, "La Voz Amiga," heard on 6.09 mc. now instead of 4.86 mc. 8:00 to 11:30 P.M. (Westerberg, Mass.) HJCX, Bogota, on 6.02 mc. starts at 5:00 P.M., not 5:30 P.M. (Westerberg, Mass.)

Venezuela. Venezuela has made great changes this month, many of which we do not have. The following is from member Legge of New York:

3.34 mc., YV1RO, Trujillo, "Radio Trujillo."
3.36 mc., YV1RT, Maracaibo, "La Voz de La Fe."
3.38 mc., YV5RY, Caracas, "Radio Continente."
3.39 mc., YV3RY, Caracas, "Radio America."
3.40 mc., YV5RW, Caracas, "Radio Tropical."
3.45 mc., YV6RZ, Barcelona, "La Voz de Anzoatigui."
3.48 mc., YV4RQ, Puerto Cabello, "Radio Puerto Cabello."
3.49 mc., YV3DF, Acarigua, "La Voz de Llano,"
3.50 mc., YV5RV, La Guaira, "Emisora Vargas."
4.75 mc., YV1RV, Maracaibo, "Ecos Del Zulia."

4.76 mc., YV4RO, Valencia, "La Voz de Carabobo."
 4.77 mc., YV1RY, Coro, "Radio Coro."
 4.78 mc., YV3RN, Barquisimeto, "Radio Barquisimeto."
 4.79 mc., YV6RU, Bolivar, "Ecos del Orinoco."
 4.81 mc., YV1RY, Maracaibo, "Radio Popular."
 4.83 mc., YV2RN, San Cristobal, "La Voz de Tachira."
 4.84 mc., YV1RZ, Valera, "Radio Valera."
 4.86 mc., YV5RU, Caracas, "Estudios Universo."
 4.89 mc., YV5RM, Caracas, "Radiodifusora Venezuela."
 4.92 mc., YV5RN, Caracas, "Radio Caracas."

This leaves stations on 4.80 mc., 4.82 mc., 4.85 mc., 4.87 mc., 4.88 mc., 4.90 mc., 4.91 mc. and 4.92 mc. to be identified. We do not have the new frequencies of 1RU, 4RX, 1RM, 1RX, 6RT, 4RP, 5RO, 1RJ, 3RC, 5RK, and 5RH and have left them on their old places on the dial. We want help on these. YV5RY is the new call of YV5RJ.

CENTRAL AMERICA

Costa Rica. TIX, San Jose, heard on 5.90 mc. or 5.91 mc. (Gallagher, Calif.) TIX is a long wave station that was once relayed by TIGPH and TIGPH2 on 5.82 and 5.86 mc. TIGPH2 has not been heard for a year and is not listed. Maybe it has returned and on 5.90 mc. (Editor). TI2RS, Radioemisora Athenea, San Jose, verified on 7.10 mc. but was heard on 7.45 mc. as listed, (Waite, N. Y.)

Guatemala. TGWA, Guatemala City heard at 7:30 A.M. one Tuesday, (Rislow, N. D.) No wavelength was mentioned, (Editor).

Nicaragua. YN1IP, Managua, on 7.30 mc. operates as an amateur week-days but broadcasts Sundays 10:00 to 11:00 A.M. (Oxrieder, C. Z.) YN2FT, Granada, on 7.193 mc. uses slogan "La Voz de Sultana," daily 8:00 to 10:00 P.M. Owner is Jose Terecero, (Legge, N. Y.) YN7AG, Masaya, on 7.66 mc. is heard Monday evenings broadcasting. It is operated by Rafael R. Arjona. These are amateurs broadcasting at times. A station announcing YNOW, "The Voice of Central America," was heard on 6.87 mc. at 8:15 P.M. once, (Oxrieder, C. Z.)

Salvador. YSP, San Salvador, "La Voz de Cuscatlan" is now on 6.58 mc. and not 10.40 mc. (Westerberg, Mass.)

WEST INDIES

Cuba. The station on 11.58 mc. is relaying programs of the RHC chain, announces "CMCA, Cadena Hotel" and says "Radio Philip" and "National Telefarmica." Relays same programs as COHI, Santa Clara. Same program is heard near 10.55 mc. now also, and heard till 11:00 P.M. (Westerberg, Mass.) This station has been reported as COHI, COGF, CMC and others. COK, on both 11.57 mc. and 16.50 mc. is silent now. It may be that they are closed down while moving to the Palace of Sports, Havana.

Jamaica. From Denis M. Gick, Station Manager, ZQI, Kingston, comes word that ZQI is on 4.75 mc. daily except Sundays 6:00 to 6:30 P.M. and Thursdays 5:30 to 6:30 P.M. QRA is 112 East Street and they verify.

NORTH AMERICA

Canada. CJRX, Winnipeg, on 11.72 mc., heard till 1:00 A.M. instead of just 8:30 P.M. (Stroh, Ont.) Heard between 10:00 and 11:00 P.M. (Bird, Del.) Station wrote us schedule was 4:00 to 8:30 P.M. only. CJCX, Sydney, N. S., on 6.01 mc., heard at 9:00 P.M. off schedule, (Anthony, D.C.)

Hawaii. Programs from KHE and K10 have been discontinued, (Gallagher).

Newfoundland. VONG, St. John's, on 5.97 mc., writes the call-sign has been changed to VONH on this frequency, (Westerberg, Mass.) Is heard on 9.47 mc. as late as 10:00 P.M., list shows 8:30 A.M. to noon only, (Bird, Del.)

U. S. A. A complete shake-up of United States stations leaves us with some information lacking. However, we have the latest schedules of WPIT, WLWO, KGEO, WCBX, and WCAB. WLWO was hit by a fire October 20th and the change-over equipment to put the station on 6.08 mc., 17.80 mc. and 21.65 mc. was put out of commission. They are now licensed to operate on these frequencies and on 9.59 mc., 11.71 mc. and 15.25 mc. They are on 15.25 mc. noon to 5:00 P.M., on 11.71 mc. 5:00 to 8:00 P.M. and on 9.59 mc. 8:00 P.M. to 1:00 A.M. now. This comes direct from the station, but member Nichols says WLWO was on 11.71 mc. at 3:30 P.M. WPIT is using 6.14 mc., 11.87 mc. and 15.21 mc. now. WCAB is using 6.06 mc. and 15.27 mc. only. WCBX is using 6.17 mc., 11.83 mc. and 17.83 mc. WGEA, Schenectady, was heard on 6.17 mc., indicating a new frequency, signing off at 11:00 P.M. (Rislow, N. D.) WWV, the frequency checking station at Beltsville, Maryland, was hit by fire, (Nichols, Pennsylvania).

LATE REPORTS

The new Japanese stations JLG-4 on 15.105 mc. and JVV or JVZ on 11.815 mc. have been reported 8:00 to 10:00 P.M. by members Waite, Oliver, and Gallagher. The 8:00 to 9:00 P.M. is regular, while from 9:00 P.M. to 10:00 P.M. the test.

Andre Maurice, Woodside, New York, reports Radio Dakar daily at 3:20 P.M. on 9.40 mc.; Radio Brazzaville every day at 3:30 P.M. on 11.97 mc. and Radio Congo Belge every day at 2:00 P.M. on 10.14 mc. He also reports Chungking, China, on 11.90 mc. with English at 7:30 A.M. and on 15.20 at 8:15 P.M. in English.

Gus Gallagher of California, reports Radio Brazzaville on 11.96 mc. almost daily 1:00 to 1:30 P.M. and 3:00 to 4:00 P.M.; ZRL, South Africa, on 9.61 mc. 11:45 P.M. till 2:00 A.M. now; some changes in the Japanese stations; CB1180, Chile, moved to 11.98 mc.; Moscow heard on 11.71 mc. 1:00 to 2:00 A.M.; Moscow on 11.83 mc. at 1:00 A.M.; Rome heard on new frequency of 9.75 mc. 8:10 to 10:10 P.M.; WLWO, Cincinnati, on 11.71 mc.; some changes in Venezuelan stations; VLQ1, Australia, on 9.61 mc. at noon; JZJ, Japan, on 11.80 mc. heard all forenoon till 1:30 P.M., and KGEI, San Francisco, moving from 9.67 mc. to 9.53 mc. and schedule is midnight to 3:00 A. M.

Gwynneth Capes of Illinois, reports the Snow Cruiser at Little America on 12.86 mc. alternate Fridays with WGEO, between midnight and 1:30 A.M. Also Brazzaville on 11.97 mc. 3:45 to 4:15 P.M. A program sheet from Australia shows VLW5 on 6.18 mc. replacing VLW4 on 9.66 mc. 11:55 A.M. to 12:15 noon and VLW2 on 9.65 mc. on the air 8:10 to 9:45 A.M. daily.

THE REPORTERS

We thank the following for their helpful news this month: Wallace W. Smith, Louisville, Ky.; Ying Ong, Phoenix, Arizona; Gus Gallagher, San Francisco, Calif.; Andre Maurice, New York City; E. J. LeAnna, Racine, Wis.; H. G. Rislw, Walhalla, North Dakota; LeRoy Waite, Balston Spa, New York; L. A. Hutchinson, Milford, New Hampshire; Miss A. G. Gapes, Chicago, Illinois; Hilding Westerberg, Roxbury, Mass.; Thomas Nichols, Philadelphia, Pa.