

DX

BCB

Journal

SWL

HAM

VOL. 1-NO. 6.

Rowley, Mass., March 30, 1950

Price-15-cents

AMATEUR NOTES

BASUTOLAND: ZS8A is being heard on Saturday afternoons and early evenings on 14.310 mc. (h)

CAMEROONS: Afternoon reception has produced FE8AB on 14.060 cw.

FRENCH INDO CHINA: FI8AK is reported in England to be coming in on 14 mc. cw. (swl)

FRENCH OCEANIA: One of the few good 28 mc cw catches is FO8AB on the low end of the band. (swl)

GUIANA, FRENCH: Two stations from this country are being heard on 14mc. cw, FY8AA, 14.005, and FY8AC. (swl)

INDIA: Here is a list of some of the Indian stations being heard:

14 mc phone VU2DU, VU2DY, VU2ET

14 mc cw VU2AT (14.060), VU2BK

7 mc phone VU2ET, VU2DH

7 mc cw VU2DR, VU2AJ, VU2AV.

VU2LJ

IRAQ: Former Persian EP3L should be in Iraq by now operating as YI2JB UNDER COVER. (h)

JAMAICA: VP5AK is heard well on 14.170f in the evenings.

KUWAIT: A great deal of claimed activity in this country, not so much of it confirmed. VT1AB says he is in Kuwait, but nothing definite is known on him. Another putting in a claim is VT3RF. But VT1RF is known to be genuine and does QSL on occasion.

MARTINIQUE: Harrison, England, reports that he is hearing F9QU/FM8 on 14.347 mc. phone. . . . FM7WE is heard around 14.075 in the evenings 1930-2000 calling Europe on cw.

MAURITIUS: This country is represented on 14 mc. cw by VQ8AX, and he is also reported to use phone on occasion. The cw frequency is 14.080. (swl)

(Continued on Page 4)

MAGNETIC DISTURBANCE REAPPEARS

The TA's gave us a surprize on March 17, 18, and 19 when they came in well and gave us a preview of how they are going to sound next season on their new Copenhagen frequencies. Bordeaux I, an old reliable on 1077 kc., showed that the change hadn't affected them one bit as they put in a strong signal on the new 1205 kc. channel just prior to 1800 one evening.

On March 18 between 1730 and 1845 about 30 TA's were heard. Several of the Russian stations were on very late, and some were giving news at dictation speed for outlying newspapers. Particularly good were Kishinev 998 kc. and Lvov 935 kc., both of which were on to 2000 or later.

The magnetic storm which first showed up around Feb. 21 reappeared on its 27 day cycle on the morning of March 19. The TA's immediately went out and the SA's came in with fairly good strength. Domestic stations were very weak and Latin Americans could be heard on many channels.

As we go to press conditions are extremely poor with heavy static, strong domestic signals, and almost nothing in the way of DX being heard. From now on conditions should gradually improve for awhile and there is a chance that the TP's may be heard around March 30, 31 and the first part of Apr.

During the month of April about the only good BCB DX will be the South Americans and possibly a TP opening. Watch for the SA's during the evenings as soon as it is dark. A good one to try for as a test of conditions is PRE9 on 1200 kc. Listeners on the East Coast may be able to pick up a few TA's around the 14th of April in the mornings, 0000-0130.

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LATE NEWS

NORWAY: LLH, Oslo, "Radio Norway" is heard well in the North American Service, 2000-2100 9.645 mc. They announce that the program may be heard in the 19, 25, and 31 meter bands and would like to have reception reports. QRA: Radio Norway, Oslo.

PAKISTAN: Radio Pakistan logged 2100-2200 on 9.645 mc. with program in English and other languages. Commentary is read by a woman 2100-2115, and another by a man, 2145-2200, both in English. Signal is weak and there is severe QRM from HOJA, 9.642 and another transmitter on 9.640.

PAN-AMA: HOJA, Chitre, 9.642 mc. noted with good signal from 2100-2200, but QRM from 9.640 is heavy. Announced as "Radio Provincias" at 2130.

UNIDENTIFIED: Who is the French language station heard on 9.970 mc. with a news period, 2015-2035.

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n-Nordh, Sweden

r-Evan Robers, Mass.

s-Sanderson, Australia

t-Sutton, Ohio

w-Hal Wagner, Pa.

rtn-Ken Boord, SW editor R&TVN

ra-Radio Australia

rs-Radio Sweden

ed-Moore, Mass.

isw-ISWC, London

swl-"Short Wave Listener."

BCB 40 COUNTRY HONOR ROLL

Evan Roberts, Mass. 77

HONORABLE MENTION

Wagner, Pa. 27

Moore, Mass. 23

AMATEUR BAND 100 COUNTRY HONOR ROLL

None

SW BC 100 COUNTRY HONOR ROLL

None

BCB SUPREMACY RATINGS

ASIA

Roberts, Mass., 28

AFRICA

Roberts, Mass., 9

EUROPE

Roberts, Mass., 215

Moore, Mass. 7

Wagner, Pa. 6

NORTH AMERICA

(Only for listeners outside N. A.)

OCEANIA

Roberts, Mass., 79

Wagner, Pa. 8

Johnson, Md. 5

SOUTH AMERICA

Roberts, Mass., 52

Wagner, Pa. 10

Johnson, Md. 6

Moore, Mass. 5

Medium Waves Around the World

PREDICTIONS: South Americans continue to be heard fairly well in the evenings and the following are recommended as "best bets".

Table with 3 columns: Frequency (kc), Call Sign, and Time Range. Includes entries like 990 kc LR4 1900-1000, 1070 kc LRI 1900-1095, etc.

The peak period of TP reception is rapidly coming to a close. Keep watching Sunday mornings for a few more weeks for there is still a chance that an extensive opening may develop despite the disappointing conditions so far.

EUROPE

ANDORRA: No frequency is mentioned for Andorra in any of the Copenhagen Plan lists, but a strong TA heard on 824 kc. after 1800 is believed to be the former 704 kc. Andorra transmitter. (r,ed)

ENGLAND: The BBC schedules are: Home Service 0130-1803 (Sun. S/on 0300) Light Programme 0400-0703 (Sun. S/on 0300) Third Programme 1300-1900 (h)

one of the best TA signals heard since the reallocation has been Droitwich on 1088 kc. (ed)

FRANCE: Bordeaux I, one of the TA "best bets" on its old 1077 kc. channel, is now putting in a potent signal on its new 1205 kc. frequency. (ed)

GERMANY: The schedule of the AFN stations on 1554 kc. is 0000-1800 (h). . . reception on this frequency of a foreign language broadcast after 1800 may indicate that the Voice of America is using these stations at times to relay some of their broadcasts. (ed)

LATVIAN SSR: Riga was heard recently before midnight on the new 575 kc. channel. (r)

MOLDAVIAN SSR: Kichinev, 998

kc., heard through heavy QRM with a fair signal, March 18, 1800-2000. (r,ed)

SPAIN: Some of the Spanish stations do not seem to have conformed with the Copenhagen Plan as yet. On March 18 Madrid was still on 1022 kc. and EAJ8 was still on 1091 kc. heterodyning the domestics on 1090. (ed). . . Barcelona, 1223 kc., S/off with "Viva Franco, Arriva Espana" at 1900. (h)

UKRAINIAN SSR: Lvov heard from 1800-200 on March 18 with fair to good strength on 935 kc. (r,ed)

OCEANIA

NEW ZEALAND: 1YZ, 800 kc., heard through heavy static with an S5 signal briefly on March 19 around 0450. . . on the same morning 2YA, 570 kc. was S2-3 at 0420. (ed)

NORTH AMERICA

DOMINICAN REPUBLIC: HIL, 782 kc., Ciudad Trujillo, is still noted occasionally with a fine signal in the evenings. (r,ed)

GUATEMALA: TGUX, "Radio Pan-americana", 1025 kc., heard at S/off and positively identified. (w)

UNIDENTIFIED: The third mystery station to pop up recently is reported on 543 kc. using French. They S/off at 2000 with the Marseillaise. A woman gives the station announcement prior to S/off. (r) . . . who is the strong Spanish speaking station now being heard on 780 kc. in the evenings? (r,ed)

SOUTH AMERICA

BOLIVIA: A very weak Latin American which has been coming in recently on 1325 kc. to 2030 and later may be CP41, Sucre, 200 watts, listed on this frequency. (r,ed)

BRAZIL: PRE9 continues to dominate 1200 kc. from 1730 to 1830 or later. (ed)

CHILE: CB118, Vina del Mar, 1180 kc., heard through WHAM on 3/20 about 1930. (r)

COLUMBIA: A station in Barranquilla was noted recently on 1110 kc. in the evenings. This must be a new (Continued on Page 4, column 1)

one as nothing is listed in Colombia on that channel. (r). . . can anyone identify the station, presumably a Colombian, on 888 kc. which is being heard well in the evening? (ed)

ECUADOR: HCJB, 974 kc., Quito, heard March 20 with fair strength around 1930. (r)

RECENT VERIFICATIONS

Hal Wagner, Pa. VOHF, Budapest 546.

Evan Roberts, Mass. 1YZ

Moore, Mass. HI3T

WITH THE DXERS . . .

Martin Harrison, England, says of late February conditions, "WMGM on 1050 remains the best guide for TA's here and was good after 2300 GMT but the other US stations were not as loud as they have been". . . **Hal Wagner, Pa.**, sends in a fine list of verifications for the Honor Roll. Some of the better ones: Algiers 1176, Rabat 601, LKS Stavanger 850, LKA Vigra 620, 2WL, 1YA, 4YA, LR1, LS2, PRF3, PRG2, OAX4A, and HJCU. . . **Evan Roberts**, Mass., reports that his verie from 1YZ is the first issued to the U. S. outside the state of California. Other veries received earlier this season: Rabat 1004, Algiers 1113, Tunis 583, Catania 1104, Venice 1222, Hengelo 1222, Dornbirn 519, Halle 1303, Potsdam 564, Vigra 629, Notodden 1294, Ceske Budejovice 1366, and EAJ20. . . **The Bureau of the International Telecommunications Union**, Geneva, Switzerland, will issue a new list of the broadcast stations of the world in the fall. The price of the new edition will be approximately twice the former 9 franc charge. (r)

Amateur Notes

(Continued from Page 1)

NEW CALEDONIA: FK8AC is reported by British listeners on 14 mc. cw in the early evening, while FK8AA has a low powered rig on 7 mc. cw, and FK8AD operates on 14.135 cw. (swl)

NEW HEBRIDES: An English SWL

reports a QSL from YJ1AA whose QRA is F.H. Palmer, Vila, New Hebrides. YJ1AA was on phone when heard. (swl)

NICARAGUA: YN4BN is a good one on 28.40f around 1000-1100.

PANAMA: HP1GR runs 100 watts on 14.310f and is often heard in the mornings about 0800. He has an NC 183 receiver.

REUNION: FR8AA is reported to be on 14 mc. cw. (swl)

SPAIN: Harrison, Eng., sends this list of Spanish prefixes:

EA1,2,3,4,5,7	Spain
EA6	Balearic Is.
EA8	Canary Is.
EA9	Sp. Morocco
--	Rio de Oro
--	Sp. Guinea.

ST. HELENA: ZD7G is heard on 14 mc. cw. (swl)

SYRIA: On 14 mc. phone we find YK1AA, 14.307, and YK1AC, 14.312.

TRISTAN DE CUNHA: ZD9AA is a good one heard on 14 mc. cw. (swl)

TRUCIAL OMAN: MP4's BAA, BAB, and BAG are reported to be operating in this country and MP4BAD is on from Bahrein Is. (h)

Low Frequency Amateur Bands

Many contacts were made between British and American amateurs on 1.7 mc. despite the 10 watt maximum power allowed the G's on this band. "QST" says G2PL, G2PYS, G3PU, G5JU, G6BQ, G8NF, GD3UB, GM8UM, and FASBG have been getting across in this direction.

Also of interest in regard to 1.7 mc. is an AP dispatch which says that the FCC is setting aside 1750-1800 kc. for a nationwide emergency network. Commercial, amateur, and government stations will take part in the operation of this new service.

The 3.5 mc. band has been hot for DX in England after 2300 GMT. Martin Harrison says that W1ATE on the low end of the US phone band is a good one for US listeners to watch as he works what DX there is on the band. G8VB has WAS on 75 meter phone!

World-Wide Short Wave News

AFRICA

ANGLO EGYPTIAN SUDAN: Radio Omdurman is on 6.115 mc. now in addition to 9.747; English news is heard on Fridays, 1230-1300. (rs,rtn)

ANGOLA: "Radio Clube de Huambo", 11,925 mc., Nova Lisboa., is scheduled weekdays 1300-1700, Sundays 0600-0745, 1100-1200. (rs, rtn) . . . CR6RO, 7.582 mc., "Radio Clube de Bie" in Silva Porto, says that they will increase power soon from .3 to 1 kw. (rs,rtn)

BECHUANALAND: Mafeking is reported to have moved from 5.900 mc. to approximately 8.230 where they are on the air daily 1200-1430. (rs,rtn)

BELGIAN CONGO: The QRA for "Radio Elizabeth", OQ2AB, on 11.900 and 7.150 mc. is A. F. M. Schovens, Box 1039, Elizabethville. And for OQ-2AC, 3.390, 4.980, and 7.200 mc., reports should be sent to College des Francaise, De Sales, Elizabethville. Both stations send excellent QSL cards. (n, isw,rtn)

FRENCH EQUATORIAL AFRICA: Radio Brazzaville now has news at 1745 on 11.972 mc. for North America and on 9.440 and 9.987 mc. for South America. The first two frequencies are best in W. Va. (rtn)

FRENCH MOROCCO: Rabat, 6.006 mc., heard with an Oriental type program, through heavy QRM, at 1455. (h)

MADAGASCAR: Radio Tananarive, 6.160 mc., has been heard in Calif., 0815-0915 with a musical program and announcements in French. "Ici Radio Tananarive" is mentioned at irregular intervals. (m,rtn)

MAURITIUS: Verifying for DeMyer, Mich., Mauritius listed their frequency as 15 075 mc., but they are actually heard on about 15.050 mc. The schedule of the 1.5 kw. transmitter is 2200-2315, 0300-0430, and 0930-1200. Heard best in the U.S. at 2300. (rtn)

MOZAMBIQUE: Serrano, Brazil, informs Boord that Lourenco Marques, 15.196 mc., has news in Portuguese at 1320 and 1450. The 1450 news is followed by a program preview and the schedule seems to be 1300-1500 although

some days they run as late as 1530. (rtn)

SAO TOME: "Radio Thome" has been testing on 11.785 mc. 0530-1220. (h)

ASIA

CEYLON: ZOH, Radio Colombo, 4.-900 mc., reported in England with the BBC news at 1100. (h)

CHINA: A Chinese station is being heard on approximately 15.050 mc. from tune-in at 0610 to 0930 S/off. A Peking news relay is carried at 0830 with good signal strength. This may have been a test. (rtn,g)

CYPRUS: Levkosia, 6.790 mc., noted with Eastern music at 1400. Very weak signal. (h) . . . ZJM7, 11.720 mc., heard in Australia at 1600 with news in Arabic, followed by music. (rtn,s)

FORMOSA: Taipeh is scheduled: 11.725 mc. 2300-0100(2300-2400 in Eng.) 7.150 mc. 0500-1115 or 1130(Sun S/on 0600) (English news 0610) (rtn) . . . BCAF, 8.996 mc., Taipeh, heard in Australia 0630 with English-Chinese lessons, 0715 Western music. (rtn,s)

FRENCH INDO CHINA: Saigon has been noted by Balbi, Calif., on a new channel, 11.84 mc., from 0355. Boord also hears this one at 0500 with the news read by a woman; at 0515 is buried by LRT on the same channel. Balbi also hears Saigon on the old 11.78 mc. channel at 1015 with a French news relay from Paris-S/off is 1030,rtn

ISRAEL: Tel Aviv, 8.900 mc., and Haifa, 8.170 mc., have English news periods at 1200 and 1530. (h) . . . Fargo, Ga., writes Boord that he has picked up Israel on 9.000 mc. with news at 1700 which is followed by a question and answer period about Israel. They gave their QRA as P.O. Box 754, Jerusalem, Israel, Station IBX. (rtn)

PAKISTAN: Boord notes Radio Pakistan, 11.885 mc., with a good signal in W. Va., daily at 1330 with English news at dictation speed for the Middle East. He also reports Radio Pakistan with English news at 0700 on 7.635, 11.-548, and 11.845 mc. (rtn)

SAUDI ARABIA: Mecca, 5.985 mc.,

heard weakly in England with a program in Arabic at 1330. (h)

SYRIA: Damascus is reported with news at 1530 on 6.000 mc., now. (rtn,rs)

THAILAND: The Overseas Broadcasting Station, Bangkok, verified for Bellington, N.Y., with a very nice card. (rtn). . . Bangkok, 6.240 and 15.91 mc., heard by Sanderson, Australia, with news at 0515 and 0615. (rtn). . . news in English was heard on Bangkok on 3/12 at 0615 on the 6.240 mc. channel. (rtn)

EUROPE

MALTA: FBS Middle East, 11.895 mc., heard from 0000 until fadeout around 0230, relaying BEC. Local announcements are made every 30 minutes, sometimes more frequently. (ra) . . . the FBS may inaugurate a special weekly program for SWL's most likely around 1715. Present schedules of the FBS transmitters are: 4.965 mc. 2300-0200, 0830-1700 7.270 2300-0200, 0900-1700 11.895 0430-0830 (rtn)

POLAND: A station widely reported on approximately 9.530 mc. around 0000-0130 is believed to be Warsaw. rtn

SWITZERLAND: HER3, Bern, 6.165 mc., noted in English at 1130 with a program to India and Pakistan. (h)

U. S. S. R. Current Moscow schedules for North America are:

1820-1930 15.25, 11.88, 9.72, 9.67, 7.36, 7.29 mc.
2000-2100 15.23, 11.88, 9.72, 9.67, 9.60, 7.36, 7.29
2200-2255 15-41, 15.23, 15.10, 11.78, 9.72, 9.67, 7.29

(11.96 is used on all transmissions.)

Boord hears the 11.96 channel best. (rtn). . . Moscow, 5.947 mc., logged with the home service at 0515 and again at 1400. (h). . . Moscow, 6.000 and 6.090 mc., carry English programs 1430-1500, as do the same transmitters plus 7.340 mc., Leningrad, at 1730, in the Soviet European Service. (h). . .

Batum, Georgian SSR, heard in England on 6.493 mc. 1045-1115 with a weak signal and bad QSB. (h). . . the news in Russian is broadcast on 6.060 and 6.150 mc. at 0545. (h)

YUGOSLAVIA: Belgrade, 6.090 mc., heard 1100-1130 with news and the

comment in English, "Death to Fascism, Liberty to the People". (h)

NORTH AMERICA

GREENLAND: OXI, 5.940 mc., noted at 1735 in Danish. S/off was at 1748. (b,rtn)

OCEANIA

CELEBES: Makassar, YDQ3, 11.084, heard at 0745. They announced in English at 0800. (trtn)

INDONESIA: Djakarta is now heard daily with English 0900-1000 on 15.150 mc. This transmission is beamed to China and Burma and 4.91 mc. is announced as being in parallel. Heard well in W. Va. (rtn). . . Djakarta, 19.345 mc., S/on at 1130 with the announcement, "Hier ist Djakarta in Indonesia". They close this transmission at 1200. Boord reports them in W. Va. with a fair signal. (rtn,f). . . YDC 15.150 mc., and the 4.91 mc. channel are used for the 0600-0700 English period. During each English period there is news at the start and finish. Radio Sweden confirms that the European beam over YDF2, 11.785 mc., has been extended to 1115-1500 and that the last hour is in English. (rtn)

PHILLIPINE IS: The Voice of America station in Manila on 15.330, 11-890, and 17.760 mc., carries a news period at 0900 and S/off at 0915. (h). . . a station that may be DYH3, Manila, and announcing as the "largest station in the Phillipine Islands" is reported on 6.110 mc. at 0500 by Balbi and Dilg, Calif. (rtn). . . DUH5, 11.84 mc., Manila, has been heard with a weak signal in Oregon. (rtn,c). . . DYB2, Bicolod City, heard at 0530 with the world and local news in English. (rtn,s)

SOUTH AMERICA

BRAZIL: Leven, Brazil, has just identified a new station on 4.115 mc. as "Radiodifusora Acreana", in Rio Branco, capital of the Territoria do Acre; signals are quite weak, due to the terrific QRN on the band. The station is heard best in Brazil around 1920 with news (evidently in Portuguese) (rtn). . . ZYC2, 9.220 mc., Rio

(Continued on Page 8)

Broadcasting Stations of Oceania

540	.2	4QL	Longreach, Aust.	880	10.	1YC	Auckland, N. Z.
550	10.	2CR	Cumnock, Aust.	890	.5	5AN	Adelaide, Aust.
560	7.	3GI	Sale, Aust.	890	2.	4QY	Cairns, Aust.
560	10.	6WA	Minding, Aust.	900	.3	7AD	Devonport, Aust.
570	60.	2YA	Wellington, N. Z.	900	.5	2LM	Lismore, Aust.
580	10.	3WA	Horsham, Aust.	900	10.	4YC	Dunedin, N. Z.
590	2.	4QR	Brisbane, Aust.	910	2.	4QB	Pialba, Aust.
600	10.	2FC	Sydney, Aust.	920	.2	4VL	Charleville, Aust.
620	10.	3AR	Melbourne, Aust.	920	.2	2XL	Cooma, Aust.
630	7.	4QN	Townsville, Aust.	920	.04	6—	Northam, Aust.
640	7.5	5CK	Crystal Brook, Aust.	920	10.	3YZ	Greymouth, N. Z.
650	.2	2BH	Broken Hill, Aust.	930	.4	ZJV	Suva, Fiji Is.
650	10.	2YC	Wellington, N. Z.	930	.6	3UZ	Melbourne, Aust.
660	10.	2NU	Manilla, Aust.	940	.5	7ZR	Hobart, Aust.
670	7.5	2CO	Corowa, Aust.	940	2.	4RK	Rockhampton, Aust.
680	.5	4AT	Atherton, Aust.	940	1.	2ZA	Palmerston, N. Z.
680	.3	2HR	Lochinvar, Aust.	950	1.	2UE	Sydney, Aust.
680	.3	7QT	Queenstown, Aust.	960	.5	3BO	Bendigo, Aust.
690	1.	4KQ	Brisbane, Aust.	960	.5	4AY	Ayr, Aust.
690	5.	6WF	Perth, Aust.	960	10.	3YC	Christchurch, N. Z.
690	10.	3YA	Christchurch, N. Z.	970	.5	5DN	Adelaide, Aust.
700	7.	2NR	Grafton, Aust.	970	2.	1XN	Whangarei, N. Z.
710	7.	7NT	Launceston, Aust.	980	.5	2KM	Kempsey, Aust.
720	2.	6GF	Kalgoorlie, Aust.	980	2.	6AM	Northam, Aust.
720	.2	2TR	Taree, Aust.	980	10.	2ZB	Wellington, N. Z.
720	5.	4YZ	Invercargill, N.Z.	990	2.	2GZ	Orange, Aust.
730	5.	5CL	Adelaide, Aust.	1000	.75	3HA	Hamilton, Aust.
740	10.	2BL	Sydney, Aust.	1010	.3	4CA	Cairns, Aust.
750	2.	2NB	Broken Hill, Aust.	1010	.3	4MB	Maryborough, Aust.
750	—	6—	Moora, Aust.	1010	.5	7EX	Launceston, Aust.
750	10.	1YA	Auckland, N.Z.	1010	.25	2XG	Gisborne, N. Z.
760	10.	4QS	Dalby, Aust.	1010	.1	9PM	Port Moresby, Papua
770	10.	3LO	Melbourne, Aust.	1020	1.	2KY	Sydney, Aust.
780	1.	2KA	Katoomba, Aust.	1030	.6	3DB	Melbourne, Aust.
780	.2	4TO	Townsville, Aust.	1040	2.	5PI	Crystal Brook, Aust.
780	10.	4YA	Dunedin, N. Z.	1040	10.	4ZB	Dunedin, N. Z.
790	3.5	4QG	Brisbane, Aust.	1050	2.	2CA	Canberra, Aust.
800	—	2—	Bega, Aust.	1060	2.	4SB	Kingaroy, Aust.
800	.5	6WN	Perth, Aust.	1070	.2	2RG	Griffith, Aust.
800	10.	1YZ	Rotorua, N. Z.	1070	2.	6WB	Katanning, Aust.
810	—	2—	Glen Innes, Aust.	1070	10.	1ZB	Auckland, N. Z.
810	.2	2DU	Dubbo, Aust.	1080	.5	7HT	Hobart, Aust.
810	.2	7BU	Burnie, Aust.	1080	.1	2LT	Lithgow, Aust.
820	2.	6GN	Geraldton, Aust.	1080	.2	4RO	Rockhampton, Aust.
820	—	2—	Kiama, Aust.	1090	2.	3LK	Lubeck, Aust.
830	2.	5RM	Renmark, Aust.	1100	.5	7LA	Launceston, Aust.
840	10.	2—	Kempsey, Aust.	1100	1.	4LG	Longreach, Aust.
850	10.	2CY	Canberra, Aust.	1100	.5	6MD	Merridin, Aust.
860	.5	7HO	Hobart, Aust.	1100	10.	3ZB	Christchurch, N. Z.
860	.5	4GR	Toowoomba, Aust.	1110	.75	2UW	Sydney, Aust.
860	5.	2YZ	Napier, N. Z.	1120	1.	4BC	Brisbane, Aust.
870	1.	2GB	Sydney, Aust.	1130	.2	2AD	Armidale, Aust.
880	.5	6PR	Perth, Aust.	1130	.2	3CS	Colac, Aust.
880	.2	3UL	Warragul, Aust.	1130	.5	5PM	Perth, Aust.
880	.1	4WK	Warwick, Aust.				

1130	.25	2YD	Wellington, N. Z.	1450	.2	7DY	Derby, Aust.
1140	.5	2HD	Newcastle, Aust.	1450	.1	2MG	Mudgee, Aust.
1150	2.	2WG	Wagga, Aust.	1460	.5	2CK	Cessnock, Aust.
1160	2.	4QA	Mackay, Aust.	1460	.2	5MU	Murray Bridge, Aust.
1160	—	5—	Mount Gambier, Aust.	1470	.5	3CV	Maryborough, Aust.
1160	2.	3XC	Timaru, N. Z.	1470	.5	2MW	Murwillumbah, Aust.
1170	2.	2NZ	Inverell, Aust.	1480	.2	2AY	Albury, Aust.
1180	.6	3KZ	Melbourne, Aust.	1490	.2	2BE	Bega, Aust.
1190	.75	2CH	Sydney, Aust.	1490	.2	4ZR	Roma, Aust.
1200	.5	5KA	Adelaide, Aust.	1500	.1	2BS	Bathurst, Aust.
1200	2.	2XA	Wanganui, N. Z.	1500	.5	5DR	Darwin, Aust.
1210	.2	2GF	Grafton, Aust.	1500	.2	3AK	Melbourne, Aust.
1210	.5	6KG	Kalgoorlie, Aust.	1510	10.	2NA	Newcastle, Aust.
1210	.3	3YB	Warrnambool, Aust.	1520	—	2—	Narooma, Aust.
1220	2.	4AK	Oakey, Aust.	1530	.1	5AL	Alice Springs, Aust.
1230	2.	2NC	Newcastle, Aust.	1530	—	3—	Bendigo, Aust.
1240	.5	6IX	Perth, Aust.	1530	—	5—	Port Lincoln, Aust.
1240	1.	3TR	Sale, Aust.	1530	—	2—	Tenterfield, Aust.
1250	.2	7BU*	Burnie, Aust.	1540	—	4—	Gympie, Aust.
1250	.2	2DU*	Dubbo, Aust.	1540	—	2—	Lithgow, Aust.
1250	.5	9PA	Port Moresby, New Guinea	1540	—	7—	Queenstown, Aust.
1250	10.	1YD	Auckland, N. Z.	1550	—	2—	Armidale, Aust.
1260	2.	3SR	Shepparton, Aust.	1560	—	2—	Canberra, Aust.
1270	1.	2SM	Sydney, Aust.				
1280	.6	3AW	Melbourne, Aust.				
1290	.75	4BK	Brisbane, Aust.				
1300	2.	2TM	Tamworth, Aust.				
1310	.5	5AD	Adelaide, Aust.				
1310	1.	1XH	Hamilton, N. Z.				
1320	.5	3BA	Ballarat, Aust.				
1320	.5	6KY	Perth, Aust.				
1330	.5	4BU	Bundaberg, Aust.				
1330	.2	3SH	Swan Hill, Aust.				
1340	2.	6TZ	Dardanup, Aust.				
1340	.3	2LF	Young, Aust.				
1340	.03	2XN	Nelson, N. Z.				
1350	.5	3GL	Geelong, Aust.				
1350	.2	4GY	Gympie, Aust.				
1360	.2	3MA	Mildura, Aust.				
1370	.5	6GE	Geraldton, Aust.				
1370	.1	2MO	Gunnedah, Aust.				
1370	.2	5SE	Mt. Gambier, Aust.				
1370	.2	9AE	Rabaul, New Britian				
1370	.1	2XP	New Plymouth, N. Z.				
1380	.2	2GN	Goulburn, Aust.				
1380	.1	4MK	MacKay, Aust.				
1390	1.	4BH	Brisbane, Aust.				
1400	.2	2PK	Parkes, Aust.				
1400	.2	5AU	Port Augusta, Aust.				
1410	.5	2KO	Newcastle, Aust.				
1420	.6	3XY	Melbourne, Aust.				
1420	2.	ZM2AP	Apia, Western Samoa				
1430	.5	6CI	Collie, Aust.				
1430	.5	2WL	Wollongong, Aust.				
1430	.1	4XD	Dunedin, N. Z.				
1440	.2	2QN	Denilquin, Aust.				
1440	.2	4IP	Ipswich, Aust.				
1440	1.	WXLG	Kwajalein, Marshall Is.				

*—see 810 kc.

World Wide Short Wave News

(Continued from Page 6.)

de Janeiro, reported to S/off at 1800. (h). . . the Police Department station in Rio de Janeiro is now on a new frequency of 9.290 mc., and with a new call, PRN9 (formerly PYZ2); transmissions are daily except Sundays at 1730-1830 approximately. (rtn)

ECUADOR: HC4LVC, 4.202 mc., is heard 2200-2230 S/off. (rs). . . HC4FA, Portoviejo, 4.765 mc., heard 2000-2230. (rs)

GUIANA, BRITISH: Grove, Ill., says that ZFY, 5.985 mc., in Georgetown, has extended its services; now announces a schedule of 0545-1145, 1445-2045. (rtn)

VENEZUELA: YVKF, 4.880 mc., logged with English news at 1845. (h)

New Handbook

Ken Boord, SW editor of R&TVN, tells us that "Short Wave Listener", the British SWL magazine, will shortly publish a handbook for listeners entitled "The Op-Aid" which will include prefix lists, both by country and prefix, zone boundaries, time tables, postage and mileage data, and much more useful information. There will not, however, be any SW broadcast station lists "as this section is so well covered in the "World Radio Handbook for Listeners".