

A view of the PCJ studios

FIRSTLY your scribe would like to convey greetings to all our many readers at home and abroad for the Festive Season. A Merry Xmas and a very prosperous New Year and good DX to you all. Many thanks for your support through the past year, which we hope will continue. For the benefit of new readers the address for all news for this column is: "Monitor" c/o S.W.N. and please mark your envelopes in the left-hand corner "Broadcast Band News" to arrive not later than the 10th of each month.

Now for the month's news.

● Europe

Andorra. J. Hughes states that "Radio Andorra" operates on 5980 kcs. with a power of 25kW. Hours of transmission are 1200-1430 and 1900-0100 according to a letter veri received recently. Reports may be sent to:—Freemantle Overseas Radio Ltd., 18 Park Street, Park Lane, London, W.1. Letter also states that they are unable to send cards at the moment owing to a consignment being lost. They hope to send QSL cards later.

Germany. Leipzig 9730 kcs. Excellent signal 1000-2300.

Italy. Rome broadcasts programme in English and French from 1820-1900 with news bulletin at 1850. Freq. 9630 kcs. and 11810 kcs. (Pearce).

Greece. A. W. Gilbert sends in schedules received from the Assistant Engineer of Cable and Wireless at Pallini, Attica.

SVR 13670 kcs. SVD2 7295 kcs.
SVM 9935 kcs. SVC 4945 kcs.
SVD 6885 kcs.

QRA: National Broadcasting Institute, Righillis 4, Athens, Greece.

SVD2 carries daily transmissions at 2015-2030 in English on behalf of the Greek MOI.

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Around the Broadcast Bands

Monthly Survey by "MONITOR"

All times are given in G.M.T.

Austria. KOFA 7220 kcs. R5 daily at 1815 with American type programmes. Announces as "The American station KOFA Salzburg and Linz (Williamson).

● Pacific

Western Samoa. ZMB6 operates on 7700 kcs. and heard in New York by Roger Legge at 0505-0605 with test transmission.

Philippines. P. W. Muxlow logged KZRH "The Voice of the Philippines" on 9640 kcs. R6 signals at 1445-1600. Heard at 1530-1600 with dance music session (T. Wilson). R6 Q3 with QRM from XGOY at 1410 with news in English and time given at 1419 as "now 19 minutes past 10 Manila time". (Williamson).

● Asia

Iraq. YI5KG Baghdad 7085 kcs. heard at 1835 with Eastern music. Signals were R7 Q4. (Williamson). Is this HNF?

Java. PLP Batavia 11005 kcs. R8 at 1500 with call "Radio Republic Indonesia". News and announcements in Hindustani. (Williamson). T. Wilson reports them at 1600.

Turkey. B. Field sends in schedules of "Radio Ankara". The following are times taken from the schedule of English transmissions: Station TAP 9465 kcs. News at 1745 daily. Postbag at 2130 Sundays. Special programme to England at 2130 on Mondays and Thursdays. Special programme for U.S.A. at 2155 fortnightly on Tuesdays. Power 20 kW. with Omni-Directional aerial. Also reported by L. Singer.

Iran. Roger Legge reports EPB Teheran on 15100 kcs. at 1100-1215 with news in English at 1115.

Burma. Radio SEAC Rangoon now operates on 9545 kcs. according to P. W. Muxlow.

Heard at 1430 on 9545 kcs. with R6 Q4 signals with dance music followed by Forces

Educational Broadcast. Announcements in English. No call sign but mentions Burma Broadcasting Service. (Williamson).

Ceylon. Radio SEAC Colombo heard at 1830 on 15120 kcs. with R9 signals and R8 on its new channel of 7185 kcs. giving Sunday transmission to listeners in Great Britain. (Williamson).

China. XGOY Chungking heard on 9630 kcs. and 9640 kcs. (at times) 1410. News in English. R7 Q4. Announces as "Voice of China."

XTPA Canton 11650 kcs. from 1315-1415 with Eastern music. All announcements in Chinese usually by female. Repeated call at 1350 as X-T-P-A slowly. Signals R6 Q4 with CW QRM from FYR. (Williamson).

T. Wilson reports XGOY on 9640 kcs. also on 11900 kcs.

India. VUD7 Delhi 6190 kcs. R7 Q4 at 1550 with English news, VUD4 9670 kcs. R7 at 1425. Native music. (Williamson).

● Central America

Panama. HOXA Panama City 15100 kcs. heard R6 at 2150 and HOXB 11810 kcs. at 0305 with R8 signals with English programme. Both are channels of "Radio America Central". HP5G "Radio Panamericana" R6 at 0315 on 11780 kcs. HP5A "Cadena Panamerica de Radiodifusion" 11695 kcs. R5 signals at 0325. (Williamson).

El Salvador. Roger Legge reports YSF "Radio Vanguardia" San Salvador on 9250 kcs. being a new station and heard at 0000-0300.

T. B. Williamson gives YSR "La Voz de El Salvador" 6270 kcs. R7 Q4 at 0430.

Guatemala. TGWB "La Voz de Guatemala" Guatemala City R7 at 0350 on 6540 kcs. (Williamson).

Mexico. XEHH Mexico City 11880 kcs. heard R5 at 0300 with commentary on Pelota game. XEBT heard R8 at 0035 on 9625 kcs. (Williamson).

Nicaragua. YNBH "Radio Panamericana" Managua 6545 kcs. R5 at 0355 with programme of latin music. Poor voice modulation. (Williamson).

● Africa

Tetuan? "Radio Africa" heard with recordings at 2030 on about 14350 kcs. Bad W Ham QRM at times! Signals R9. Announces in Spanish. Male and female announcers. Heard by your scribe.

Belgian Congo. J. Hughes reports news in English from B.N.B.S. at 0115 beamed to N. America. Freq. 10100 kcs. approx. Signals were R4-6 QSA4. (Is this OPM on 10140 kcs?—Ed.)

Egypt. SUP2 Cairo 6820 kcs. R9 at 1420 with Eastern music and news in local language. (Williamson).

BROADCAST STATION COUNTRY PANEL

No. 8: ARGENTINE

LRA-1: Buenos Aires. "Radio del Estado." 9690 kcs. 5000 watts.

LRA-5: Buenos Aires. "Radio del Estado." 17720 kcs. 5000 watts.

LRM: Mendoza. "Radio Aconcagua." 6180 kcs. 10000 watts.

LLR: Rosario. "Radio Ovidios Lagos." 11925 and 11880 kcs. 10000 watts.

LRS: Buenos Aires. "Radio Splendid." 9315 and 3430 kcs. 5000 watts.

LRS-1:† Buenos Aires. "Radio Splendid." 5990 kcs. 5000 watts.

LRU:* Buenos Aires. "Radio el Mundo." 15290 kcs. 5000 watts.

LRX: Buenos Aires. "Radio el Mundo." 9660 kcs. 6000 watts.

LRX-1: Buenos Aires. "Radio el Mundo." 6120 kcs. 6000 watts.

LRy:** Buenos Aires. "Radio Belgrano." 9455 kcs. 5000 watts.

LRy-1: Buenos Aires. "Radio Belgrano." 6090 kcs. 25000 watts.

LQA5: Buenos Aires. 10350 kcs. 10000 watts.

† Also has channel on 6065 kcs., but not in use at present.

* Not in use at present.

** Has alternative channels on 9690 and 9640 kcs.

Sudan. "Radio Omdurman" Khartoum R6 Q4 at 1730 on 13320 kcs. with CW QRM on times. Heard by your scribe at 1900 with R9 signals Q4. Native programme.

Kenya Colony. Latest schedule from Cable and Wireless is as follows: 1000-1100, 1600-1900 daily on 60.61m. channel (Sundays 1530-1830), 1330-1430 on 49.50m. Tuesdays and Thursdays.

QRA for reports: P.O. Box 777, Nairobi, Kenya Colony. (Gilbert).

● North America

U.S.A. P. W. Muxlow reports KNBA San Francisco on 11790 kcs. with fair signals at 1330.

Cuba. T. B. Williamson sends in the following data on Cuban stations heard by him recently: COCY 11740 kcs. with R6 signals at 2130. Gives call as "R-H-C Cadena Azul". COBL "Radio Cadena Suariti" R6 at 0015 on 9830 kcs. COHI Key station of R-H-C Cadena Azul network heard at 0405. R8 signals on 6450 kcs.

COCW 6320 kcs. R7 at 0000 with clock chimes and call "CMW y COCW".

Dominican Republic. H11R "La Voz de Fundacion" puts in terrific signal at 0200 on frequency 6420 kcs. H12A "La Voz de Re-eleccion" 6785 kcs. heard at 2330. Signals were R6. (Williamson).

● **South America**

Chile. CE1174 Santiago 11740 kcs. heard R8 at 2315 with dance music and call "Emisora Nueva Mundo". (Williamson).

Ecuador. A. Levi reports HCJB "La Voz de los Andes" Quito. Now gives English transmissions from 2200-2300 on their 15, 12 and 10 Mc. channels. A second English session is also given at 0200 on same frequencies. Signals R6-7. L. A. Moreton has heard them on 12455 kcs. announcing that programmes beamed to Brit. Is. commenced on November 4th 1930-2100 on Monday to Friday. Requests reports QRA: Station HCJB "The Voice of the Andes" Quito Ecuador. (Yes O.M. we appreciate any news you can send in).

British Guiana. ZFY Georgetown heard at 0000 on 6003 kcs. with Indian Music and English announcements at 0030 mentioning "This is station ZFY the voice of Guiana". (Williamson).

● **Australia**

Latest schedules received from "Radio Australia" effective as from September 29th are as follows:

Shepparton VLA/VLB Stations (100 kW.)

kcs.		m.		kcs.		m.	
VLA	7280	41.21	VLB	9540	31.45		
VLA3	9680	30.99	VLB2	96	30.99		
VLA4	11770	25.49	VLB3	11770	25.49		
VLA6	15200	19.74	VLB6	15200	19.74		
VLA7	17800	16.85	VLB7	17800	16.85		
VLA8	11760	25.51	VLB8	21600	13.89		
VLA9	21600	13.89	VLB9	9615	31.20		

Shepparton VLC Stations (50 kW.):

kcs.		m.		kcs.		m.	
VLC2	9680	30.99	VLC8	7280	41.21		
VLC4	15320	19.59	VLC9	17840	16.82		
VLC5	9540	31.45	VLC10	21680	13.84		
VLC6	9615	31.20	VLC11	15210	19.72		
VLC7	11840	25.35					

Lyndhurst Stations VLG (10 kW.):

kcs.		m.		kcs.		m.	
VLG	9580	31.32	VLG6	15230	19.69		
VLG3	11710	25.62	VLG7	15160	19.79		
VLG4	11840	25.35	VLG9	11900	25.21		
VLG5	11880	25.25	VLG10	11760	25.51		

Transmissions to the Brit. Is. at time of going to press are as follows: 0700-0815 over VLA9 (to 0800. Not Sats.) and VLB3. 1500-1600 over VLA8 (to 1530), VLB2, VLC6, and VLG9 (to 1545). (VLB9 and VLC4 now replace VLB2 and VLC6 in latter transmission.)

The ABC control a number of internal short wave transmissions. VLA4 has been heard by your scribe with terrific signals in its 2030-2330 transmission to Brit. Is., although some evenings it has not been received at all due to very erratic conditions. Ole man Sol again!

VLA4 has been strongest between 2100-2130. Suffers bad flutter QSB afterwards and heavy CW QRM from 2030-2115.

VLB9 has also been heard at R9 Q5 with transmission to Brit. Is. at 1500. VLC4 R8 Q3 and VLA8 R9 Q4 both at 1430 with programme to Forces in Pacific Area and SWL's in India.

Our old friend T. B. Williamson reports VLB3 and VLA9 with BC to Britain, VLA8 with news in English at 1430. Signals R6. VLA R8 at 2145. He states that these are the most reliable stations at his QRA.

● **QSL's Received**

Your scribe from HOXA (card depicts photos of transmitter and buildings) VLG10 and VLC7. P. W. Muxlow from VLA6, PCJ and FZI. (Hasn't anyone else received any QSL's lately?)

● **Congrats.**

My very best wishes to our old friend T. B. Williamson BSWL 1635 on passing his exam. for MD. May I take this opportunity of wishing you every success Doc!

His QRA is now: Dr. T. B. Williamson, M.O.Q., Hill End Hospital, St. Albans, Herts.

● **In Brief**

B. S. Scott heard a New York station calling the "Queen Elizabeth" outward bound on her maiden voyage to New York. She was being contacted by the news room of the station and he heard quite a few notabilities on board ship. Re verification O.M., I do not know the QRA for reception reports but maybe our readers can help? This reader would like to correspond with another SWL to swap ideas. His QRA is ISWL/G69, 11 Paradise Place, Goole, Yorks. What say somebody?

P. W. Muxlow would like to log Singapore, Hong Kong and Belize. Listen for first two between 1200 and 1500 O.M. Belize around 0200. Have not had any reports on the latter recently. Good luck in your hunting O.M.

● **Acknowledgements**

Roger Legge (New York, U.S.A.), Sidney Pearce BSWL 336 (Berkhampstead), L. Singer BSWL 2360 (London, N.3.), M. Levi BSWL 2364 (Belfast, N.I.), A. W. Gilbert (Fordingbridge), P. W. Muxlow (Grantham), Barry Field (London, N.W.11.), L. A. Moreton (Evesham), B. S. Scott (Goole).



At "Radio Andorra" in the Winter-time

THIS column is your column, O.M.'s, so let's have more news, reports, lists of QSL's received, QRA's and anything that may interest other readers. Address all letters for this column to: Monitor, c/o "S.W.N." to reach your scribe by the 5th of the month. Now for this month's news, which includes several reports from our Overseas Representatives in Australia and New Zealand.

● Asia

Ceylon. Sidney Pearce (Berkhamsted) on his "Sky Champion" has heard Radio SEAC Colombo with BC to the British Isles at 1630-1830 on their 15120 kcs. channel. Signals were R8-9 he says. Also carrying same programme on 6075 kcs. and 9520 kcs. for listeners in India and the Far East. The 15 Mcs. frequency is R7 in the afternoons until close at 1615 (Sundays). R5-6 on 11770 kcs. when in parallel. Operates on the 6 and 9 Mcs. band also 3390 kcs. until close at 1700. On Saturdays only, the 11 Mcs. channel carries a special sports programme. Your scribe has heard them on 15 Mcs. with R9 signals in BC to British Isles at 1630-1830 (Sundays). Arthur Cushen (Invercargill, N.Z.) says they now use 100 kW. for 7185 kcs. broadcasts and 750 watts on the 15 Mcs. band.

Philippines. KZPI, Manila, 9710 kcs. uses 200 watts power with a Techrad transmitter using a vertical "L" $\frac{1}{4}$ wave aerial. Commenced BCs first week in December. Schedule 2130-1600. Saturdays continues to 2130 with "Pacific Jamboree" Programme (all night). Verified by letter, QRA being: Henry L. Miller, Productions Manager, Philippine Broadcasting Corp., 5th Floor Filipino Building, Manila. (Arthur Cushen).

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Around the Broadcast Bands

Monthly Survey by "MONITOR"

All times are given in G.M.T.

(For DBST add two hours; for EST subtract five hours; for AEST add ten hours.)

Our VK Representative Rex Gillett (Prospect) sends in his first report to this column. Pleased to hear from you, O.M., and we hope to receive more news from you of "doings down under." Rex states that KZPI opens at 2130 and that frequency used is an experimental one. "Pacific Jamboree" opens at 1600 and is a special Saturday feature which last 5½ hours! Request session.

KZRH also located in Manila operates on 9640 kcs. and announces now as "The Nation's most powerful station."

Malaya. Sidney Pearce lists Radio Malaya on 4780 kcs. Signals sometimes R5 before 1500 and often peaks R7 at 1530. Relays Blue Network until 1600 on Saturdays, but closes at 1535 after headline news on other days.

Our ZL representative Arthur Cushen has heard Kuala Lumpur on 6165 kcs. relaying "Radio Malaya" Singapore with news in English at 1100. Singapore on 4780 kcs. also carries same BC and very well received, he states. Paul Dilg (Monrovia, U.S.A.) states they are now on 4820 kcs.

China. XORA, Shanghai, 11690 kcs. heard with good signals at 1030 giving English news and requesting reports.

XOPD, Hanchow, 9555 kcs. also heard at 1030. No English used. Power 600 watts. Pearce heard XGOY Chungking at 1600-1610 with news BC in English on 6140 kcs. Heard occasionally on this freq.

Cushen has received an Airmail veri from XRAY (AFRS station in Peiping) which had 1300 dollars worth of Chinese stamps on the envelope! The station was on 8890 kcs. until February 17th when it closed down and all personnel returned to the U.S.A. Tx was a Hallicrafters 400 watts job. QSL from Station Manager, Lieut. W.

SHORT WAVE NEWS

K. Bell. XRAY was located Peitaho till October when they moved to Peiping.

Paul Dilg sends in a good log of Chinese DX heard at his QRA. XMAG, Nanking, AFRS station 4275 kcs. heard at 0900-1600.

XGOY, Chungking, 6140 kcs. now uses 9665 kcs. XUPA, Tai-Pei, Formosa, 7220 kcs. has moved from 9695 kcs. Schedule 0900-1455. Relays English news from XGOY at 1400. XGAF location unknown 7100 kcs. heard at 0955-1430 also transmits at 0400-0525. No English, mostly music except news in Mandarin at 1045. XGOA, Nanking, 11835 kcs. heard in parallel mostly with XGOA on 9730 kcs. but signs off at 1500. 9 Mcs. channel signs off at 1600 and power has been increased. XOPD, Hanchow, heard daily but freq. seems to vary from 9775-9910 kcs. Formerly on 9555 kcs. Signs off at 1425. XLRA, Hankow, 11490 kcs. works in parallel with XLRA on 6054 kcs. at 1330-1745. Relays XGOY for English news at 1700.

Japan. WLKS, Kure, "The Voice of the British Commonwealth Occupation Forces in Japan." Schedule: 0800-1330. Sats. until 1400. Freqs. 2465 kcs. and 6105 kcs. Latter signs off at 1000. Dilg. Uses 1000 watts and signs off with "God Save the King." (Rex Gillett).

French Indo-China. Saigon. "Radio Saigon" is now on its pre-war freq. of 6190 kcs. which replaces its 4810 kcs. channel (Cushen). Heard in parallel with 11780 kcs. freq. (Gillett). Schedule: 2315-0100. News in English at 0045 states Sidney Pearce.

Arabia. Aden, ZNR, heard to 1500 testing on 6765 and 12115 kcs. Now uses 5 kW. according to Arthur Cushen.

Lebanon. FXE, Beirut, 8036 kcs. QSL's with nice card. QRA: Lebonese Broadcasting Station, Beirut. (Roger Legge, Binghamton, U.S.A.).

New Caledonia Noumea. "Radio Noumea" has moved freq. from 6208 to 6160 kcs. Heard from about 0900 to sign off at 1005 (Legge) "Voice of France in the South Pacific." Now uses 500 watts. Schedule 0700-1000 states Arthur Cushen.

● North America

Canada. Latest schedules have come to hand from CBC and are as follows: (alteration in transmissions times due to DBST as from April 13th). Transmissions to British Isles radiated over stations CKNC 17820 kcs., CKCS 15320 kcs.

News—Weekdays, 1630 and 1945; Sundays, 1645 and 1945.

1400 First transmission commences; 1430

UNO Broadcasts; 1615 Second transmission commences; 1730 Close of English transmission; 1945 Third transmission commences; 2100 Close of English transmission. Sundays only.

1400 First transmission commences, closes 1500; 1630 Second transmission commences, closes 1730; 1945 Third transmission commences, closes 2100.

Canadian Chronicle is BC daily except Sundays at 1415, 1645 and 2000.

COUNTRY PANELS

We regret that pressure of space has meant no country panels for the last few issues. This popular item will resume its usual place on this page next issue.

● Europe

Austria. Vienna. "Radio Wien" 11780 kcs. heard with strong signals daily. (Pearce).

Rumania. Test broadcast heard end of February by "Radio Roumania" on announced W/L of 32.40m. on the hour for 15 minutes. Heard as early as 1400-1415 and still on 2300-2315. Requested reception reports in many languages stating same would be verified in writing. (Pearce).

Finland. OIX2 15190 kcs., OIX4 9500 kcs. heard with news broadcasts in English, daily except Sundays at 1215 for N. America. States next news in English is at 725 EST (0000 GMT) to U.S.A. (Pearce).

● Central America/West Indies

Costa Rica. TIGPH, "Alma Tica," San Jose returns to the air after being off for over 5 years. Freq.: 5870 kcs. Schedule: 0000-0300. At 0300 it signs off and "La Reina del Aire" signs on and uses same transmitter! The latter signs off at 0400. (Legge).

Martinique. "Radio Martinique," Fort de France, 9710 kcs. has moved to new freq. of 9342. Heard signing on in French at 2300. (Legge). (Believe power is 200 watts.)

Dominican Republic. HIG, Ciudad Trujillo, is heard also on new freq. of 9223 kcs. in parallel with its 6115 kcs. freq. (Legge).

Haiti. HHCM, Port-au-Prince, heard regularly with R7 QSA4 signals on 6165 kcs. All announcements in French. Multiple NBC chimes and call "National Broadcasting Company" at 0130 or earlier. (T. B. Williamson).

Honduras. HRP1, San Pedro Sula, heard on 6350 kcs. at 0035. R6 QSA4 signals with Rhumba music and call "El Eco de Honduras" (Williamson).

I.S.W.L. PROGRAMME

Just after the last issue was printed, word came through that the time had been amended to **1900 GMT.** CR's and TR's were notified by circular to pass the word around in case some copies of the magazine did not arrive in time. Frequencies are the same (VLA8, 11760 kcs.; VLC11, 15210 kcs.) Please send in your reports to "S.W.N." We will forward by airmail.

● **South America**

Peru. OAX4P Radio Huancayo, "La Voz de Centro del Peru," 5870 kcs. Schedule 1700-1830, 0200-0430. Power 250 watts. Tx.: RCA. QSL's with very attractive two-colour card. (Cushen).

Ecuador. HC4EB "Radio Manta," Manta, 6870 kcs. Schedule: 0200-0300 or 0400. Power 375 watts. Verified by Registered Airmail with photo of Manta Harbour. (Cushen).

Bolivia. CP-15, La Paz, "Radio el Condor," 5880 kcs. now heard regularly to 0530 on Sundays. Power: 350 watts. (Cushen).

Columbia. HJAE, "Emisora Fuentes," Cartagena, 4965 kcs. heard with R7 signals from 2300. HJAP, "Radio Colonial," Cartagena, 4925 kcs. heard from 2245 with QRM at times from spread of YV5RN Radio Caracas. (Pearce).

● **Australasia**

Australia. Your scribe has logged the following: VLG7 15160 kcs. R9 plus signals and VLH4 11880 kcs. R6 with bad QRM. Mentioned VLR2 6150 kcs. working in parallel and carrying ABC National Programme at 2000-2300. VLB4 11810 kcs. has been heard R7-8 QSA4 with heavy CW QRM. Programme to British Isles at 1500. "Mail Bag" programme at 1503 compiled by Eric Rowell. Also over VLC9 17840 kcs. R4-6. VLA6 15200 kcs. heard R9 plus QSA5 at 2145 with news in Forces Programme. VLC11 15210 kcs. R9 plus QSA4 with heterodyne QRM and VLA4 11770 kcs. R7 QSA3. Very bad QRM from Algiers in BC to British Isles at 1745. Incidentally VLC11 is an experimental transmitter. "Radio Australia" uses a Musical Box rendition of "Waltzing Matilda." (Not a marimbaphone as reported by a reader in our May edition.) VLB6 15200 kcs. R9 plus QSA5. VLB8 21600 kcs. R4 QSA5 heard at 0615 with BC to British Isles.

VLG7 reported at 2000-2200 with ABC Inter-State programmes. Announce VLR in the 48 meter band in parallel, VLH5 15230 kcs. R6 at 0600 relayng ABC National programme. Signs off at 0830.

VLG6 15240 kcs. R6-7 signals on Saturdays with special sports programme for the Forces. Closes at 0730. In parallel with VLB5 21540 kcs. BC in French to New Caledonia heard from 0730 to close at 0845 over VLC4 15320 kcs. also over VLG6. VLC11 R7 at 1745 with bad QRM. VLA4 jammed by Algiers. (Pearce).

● **Africa**

Portugese East Africa. Mozambique. CR7AB, Lourenco Marques, 3490 kcs. and CR7BU 4925 kcs. now run until 2200 instead of 2000 as previously. Latter quite good strength on closing but the former is not heard at same time although it is announced in relay. (Gillett). Power: 10 kW. CR7BJ replaces CR7BE and heard on 9645 kcs. English news at 1950. (Cushen).

Portugese West Africa. Angola. CR6RB, Benguela, operates on 6165 kcs. Opens at 1730 and signs off at 1900 with playing of Portugese National Anthem. Station identification is frequently given in Portugese. Power 50 watts. (Rex Gillett who states that he has now verified 74 Countries.) FB O.M.

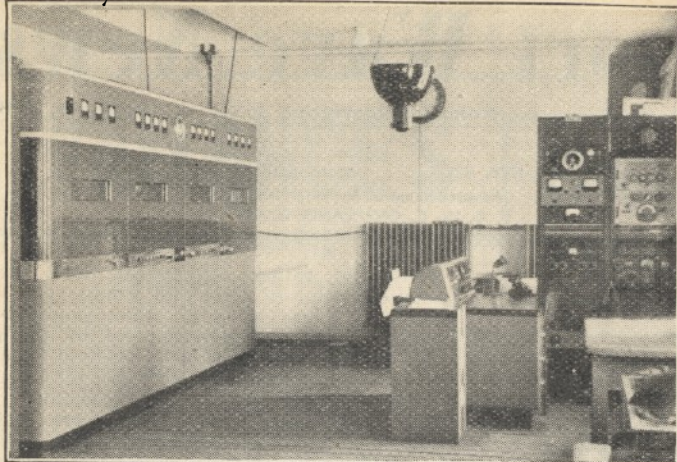
Southern Rhodesia. ZEA, Salisbury, 3660 kcs. heard with fair signals at 1900. Programme is in English to sign off at 2000 on Saturdays with "God Save the King." Signs off other days at 2030. (Gillett).

● **QSL Corner**

Rex Gillett from: ZYB8 (6095 kcs.), Lourenco Marques (6135 kcs.), Radio Maroc (9082 kcs.), COBL (9833 kcs.), Brussels (17840 kcs.), Radio SEAC Ceylon (7185 kcs.), WCRK (21560 kcs.), SDB2 (10780 kcs.), Berlin (6070 kcs.), HER4 (9540 kcs.), ZPA5 (11960 kcs.), Klofta (6200 kcs.) (information on this one would be appreciated O.M.), OLR2A (6010 kcs.), OLR4A (11840 kcs.), Capetown (9610 kcs.), ZNB (5900 kcs.) (very FB O.M.), Radio Andorra, Radio Leipsig XGOA (5918 kcs.), WLKS (6105 kcs.), PCJ (11735 kcs.), RNB (9430 kcs.), WRUS-A (15350 kcs.), WRUL (11730 kcs.) Your scribe has had cards from: VLB6, VLB9, VLC10 and VLA8. Arthur Cushen: Singapore, OAX4Q, COBQ, COBL, CBFZ, CNR3, Algiers, KCBR, VLC10, Radio SEAC (7 and 15 Mcs.), Paris, CE622, FGA, LKJ, VLA9, VLB8, VLB3, VLB9, VLB6 and VLB. (Nice going O.M.)

● **Acknowledgements**

Arthur Cushen (Invercargill, N.Z.), Rex Gillett (Prospect, South Australia), T. B. Williamson (St. Albans, Herts.), Sidney Pearce (Berkhamsted, Herts.), Paul Dilg (Monrovia, California, U.S.A.), Roger Legge (Binghamton, N.Y., U.S.A.)



Control desk and transmitters at A.F.N.

FIRSTLY your scribe would like to thank all the many readers for sending along news, schedules, etc., over the past month. We hope to include as many as possible in this survey and others next month. All matter regarding this column should be addressed to Monitor c/o "S.W.N." to reach your scribe by the 5th of the month latest and please don't send those "Ham" reports to me but to my colleague "CQ" who very aptly takes care of that department. Now for the month's news.

● Australasia

Australia. Star reporter Sidney Pearce (Berkhamsted) using a Sky Champion RX lists the following VK DX: VLH4 Melbourne 11880 kcs. and VLG6 15230 kcs. have been often heard signing on with ABC National Programme at 2000 but apt to fade out at 2100. VLH3 9580 kcs. has been logged with fair signals from 1300 to usual close at 1400. On Xmas Day this station took a special BBC programme from 1400-1510.

Radio Australias transmissions have been heard via VLC7 now using 11810 kcs. instead of 11840 during BC to East Coast of USA 1300-1415 and for Brit. Is. 1430-1500. 1st BC to Brit. Is. is 0700-0815 via VLB3 11760 kcs. heard R7-8, VLC9 17840 kcs. to 0745 weak signals, and VLA9 21600 kcs. not received. BC for West Coast of USA heard from 1500 over VLB9 9615 kcs. and VLA8 11760 kcs. and for South Africa from 1515 over VLC 15200 kcs. (R6-7) VLG4 11840 kcs. not heard with any intelligibility due to QRM. BC from 2000-2115 R7-8 over VLB9 and in parallel until 2130 VLC and VLA8. Latter fades out early. VLB11 15160 Radio Australias latest

transmitter has been heard with good signals from 2130-2315 but lately not often receivable. R6 on January 1st. VLG6 15230 kcs. was also good from sign on to 2200 but now often R4 and soon fades out.

John M. Simpson sends along a very nicely laid out report of DX heard at his QTH. In it he mentions hearing VLQ3 Brisbane Queensland on 9660 kcs. relaying a BBC play and 1 o'clock News at 1300 signals being R6 QSA4. Reports by the way for VLQ transmitters should be sent to Postmasters Generals Department, National Broadcasting System, Brisbane, Queensland. Reports are always appreciated. Power 10 kW. While on the subject of the rarer Australian DX stations readers may be interested to know the frequencies and schedules of some of these.

D.O. French of Norwich sends the following data:

Weekday transmissions over VLR Melbourne 9540 kcs. 2230-0830, Sat. 2045 and 2230-0715. VLR2 6150 kcs. 2000-2215, 0845-1400, Sat. 0730. VLH4 Melbourne 11880 kcs. 2000-2315, Sat. starts 2045. VLH5 15230 kcs. 2330-0815. VLH3 9580 kcs. 0828-1400. VLG6 Melbourne 15230 kcs. 2000-2200. VLQ3 Brisbane 9660 kcs. 2000-1400. VLW7 Perth 9520 kcs. 2030-1600, 2200-0145, Sat. starts at 2045. Sun. 1030-1400. VLW3 11830 kcs. 0330-1015, Sat. 0200-1015. Most of these stations have been heard in this country over the past six months and reported by readers although conditions for Australians has fallen off somewhat recently. VLH3 has been listed by Simpson this month and logged at 1300 with relay from BBC of News and time signal. J. W. Hughes of Rochdale also lists VLQ3 R3-4 QSA4 QRN at 2045 with World News probably from BBC.

Around the Broadcast Bands

Monthly survey by "MONITOR"

All times are given in G.M.T.

(For EST subtract five hours; for AEST add ten hours.)

Australian Research Expedition to Antarctica

News has come in from various sources regarding this and the following is of note: Base stations will be on Macquarie and Heard Islands for communication with Sydney according to Graham Hutchins, DX Editor of Radio Australia. Allocated frequencies are: Macquarie Is. VJM 9940 kcs., VJM2 12255 kcs., VJM3 15845 kcs., VJM4 19255 kcs. Heard Is. VJH 9940 kcs., VJH2 12255 kcs., VJH3 1584 kcs., VJH4 19255 kcs. According to Americas "Radio News" three Victoria "Hams" have left Perth on the 3000 ton LST for Heard Is. to set up and operate base stations and will operate on the Amateur Bands.

New Zealand. Frequencies for the new Wellington Shortwave Service which will come into force shortly are as follows:

ZL1 6080 kcs., ZL2 9540 kcs., ZL3 11780 kcs. ZL4 15280 kcs., also ZL5 17770 kcs. and ZL6 25800 kcs. Tests carried out during Nov. were over ZL2, ZL3 and ZL4. Service may open on two of these freqs.

● Asia

French Indo China. Radio Saigon 11780 kcs. heard R6-7 with news in Eng. at 1400 but suffered severe QRM from Radio Wien (Pearce).

Ray Aldridge of Amersham also reports them at 1400-1430 with YL announcer. This YL announcer went to school at Berkhamsted . . . even in same road as Sidney Pearce!

Ceylon Radio SEAC Colombo 17770 kcs. often R6-7 around 1230. Generally signs off at 1615. On Saturday, December 27th signed off at 1430. (Pearce). Heard on 6075 kcs. at 0115 QSA4 R3-4. (Aldridge). 15100 kcs. channel heard QSA5 R9. Announced as "Forces Broadcasting Station" and at 1545 remarked it was 0815 EST. Musical programme 1535-1600. (Simpson).

Palestine. Jaffa. "Asharq-al-Adna" 6780 kcs. heard R8 QSA4 with CW intermittent at 1620-1650 giving recorded music "Argentina" and "Black Eyes" amongst them. Also logged at 1545 with bad CW QRM . . . woman reading news/talk in Arabic. Gave call several times . . . "Asharq-al-Adna" (Simpson). This reader has also heard a station giving same call on 9640 kcs. with all announcements in Arabic and Eastern type music. This is Jaffa O.M. which has been testing on this frequency recently in the early evenings. Reported with R5-9 QSA4-5 signals.

India. Pearce lists VUD2 Delhi 3495 kcs. at 1530 with news in English. He says this station is stronger than VU's in the 60m. band. Aldridge also mentions this of VUD2. VUB2 Bombay 4880 kcs. strong at 1615 with talk in English.

SHORT WAVE NEWS

● Central America/West Indies

Trinidad BWI. VP4RD Port of Spain sends Air Mail letter stating that they will operate on 6085 kcs. from December 1st, 1947 from 2200-0300. (Pearce). Heard on 9625 kcs. at 0015 R4. (Aldridge). F. W. Hardstone of Streatham, S.W.16, has also had an air mail letter from VP4RD stating change in freq. QSL cards are being sent later they state. Air letter was received in 3 days! Wish all stations verified as soon O.M.!! Hope to visit London at Easter O.M. at QRA at Wandsworth, S.W.18, so maybe I shall have the pleasure of meeting you and some of the "Boys" in this district, then.

Haiti FWI. John Simpson reports HH3W Port-au-Prince 10135 kcs. Comes on the air around 2305 with musical programme to 2330. Heard R7 QSA4 with occasional QRM.

Dominican Republic. Old Timer Bob Iball in Workshop sends along another nice log of stations heard at his QRA and gives some interesting data on HI2T Trujillo City operating on 7350 kcs. Bob has heard them 0415-0500 when they sign off. QSA5 R7. He says that they put in a very consistent signal. Yes O.M. certainly the best signal from the West Indies at least at the present moment. Have logged them at my QRA after 2300 with QSA5 R8-9 signals on my Phillips 680A RX. Bob logged them as early as 2245 with some QRM on their Freq. Announces as "La Voz del Yuna programma en Radio National" and mentions transmission as experimental. Identification signals: Trumpet, Lions roar, advert. for Alka Seltzer, deep toned chimes and announcements to the tune "Beer Barrel Polka." Uses mainly the Trumpet and deep toned chimes also call "La Voz del Yuna Trujillo en Capital Republica Dominicana." This station has recently moved from 6485 kcs. O.M. and believed to be using new TX and larger power. Location also changed. Was Monsignor Nouel. Another Old Timer Dr. T. B. Williamson (St. Albans) in his DX report this month mentions HI8Z Santiago de los Caballeros heard at around 0000 on 7220 kcs. with heavy intermittent CW QRM. He says they have a nice signal when in the clear being QSA4 R7. No interval signals or slogan are used just announces as "HI8Z Santiago D.L.C." T.B.W. is hearing a Latin American station near 6505 kcs. around 0045-0130 with R5 signals and heavy CW QRM. Uses 3 descending chimes as interval signal and mention of "La Voz de —" Any offers?

● Africa

Union of South Africa. ZRK Capetown 5882 kcs. heard with fair signals from 2030 when CW QRM is not heavy. (Aldridge). ZRB Transvaal operates on 9110 kcs. and

is a new station there writes Jean Beaunoir of Natal. He sends the following interesting data on this station. It transmits meteorological information for the benefit of aviators and farmers. These broadcasts are known as Aeromet and given at 0530, 0730, 1005, 1200 and 1400 Mon. to Fri. and at 1030 Sats. Second freq. is 6210 kcs. expected to go on the air in very near future. Reception reports are welcomed and should be addressed to: Officer Commanding 64th Waterkloof Air Station, P.O. Odonata, Transvaal, S.A. B. B. Wakeford in Gloucester also sends in news of this station.

Belgian Congo. Bob Iball sends in schedule of Radio Congo Belge Leopoldville The Belgian National Broadcasting Service.

First transmission: 9380 kcs. over OTM3, 6282 kcs. over OTM5. 0500 News in French, 0510 News in Flemish, 0520 Music, 0600 News in French, 0610 News in Flemish, 0620 Music, 0700 Close.

Second transmission: 11720 kcs. over OTM2 and OTM5. 1015 Music, 1030 News in French, 1037 News in Flemish, 1045 Music, 1130 News in French, 1037 News in Flemish, 1145 Music, 1230 Close. Third transmission: Over OTM3 and OTM5. 1600 News headlines in Fr. and Flemish, 1605 Music, 1645 News in Portuguese, 1700 Talk: Mon/Thurs. The Voice of France, Tues/Fri. The Voice of America, Wed. The Voice of Gt. Britain, Sat./Sun. Interlude. 1715 Music, 1800 News in Flemish, 1815 Music, 1845 News and Press Review in Fr. 1900 News headlines in Flemish, 1905 Music, 1955 News headlines in Fr., 2000 Close.

Transmissions over OTC2 9745 kcs. are as follows:

- 1st 1800-1900 Dutch—"Belgium calling the Netherlands and S. Africa."
 1900-2030 French—"Belgium calling France, Switzerland and the French Union."
 2030-2145 English—"Belgium calling Gt. Britain and the British Territories in Africa."
 2145 Close.
- 2nd 2200-2300 Portuguese—"Belgium calling Brazil."
 2300-0000 French—"Belgium calling Canada, The West Indies and Latin America."
 0000-0030 French—"Belgium calling her Countrymen in the World."
 0030-0100 French—"Dutch calling her Countrymen in the World."
 0100-0200 Spanish—"Belgium calling Mexico, Central and S.Am."
 0200-0400 English—"Belgium calling the United States of America and Canada." Close Down.

● **South America**

Brazil. PRE9 Fortaleza 15165 kcs. heard at 2030 with QSA5 R8 signals in Natal by J. Beaunoir. Heard by your scribe at 2059 when closing with station identification and four chimes. QSA5 R9-5 with deep QSB.

Chile. CE1185 Santiago heard on 11850 kcs. around 2245-0100 with R6 signals. Can be recognised by heavy carrier hum. Sometimes has slight hetrodyne. Heard with records of Tino Rossi, call preceded by 3 descending chimes "CB138 y CE1185 Radio el Mercurio, en Santiago." (Williamson).

Colombia. HJDE Medellin 6145 kcs. QSA4 R7 at 2315 with recordings of swing music. Bad QSB. (Simpson).

● **QRA Section**

Many more addresses are needed for this section so please send along any topical ones you may have.

Tashkent: "Radio Tashkent," Tashkent Radio Broadcasting Commission, Tashkent, USSR.

Maccasar: "Radio Maccasar," Strandweg Zuid 2, Maccasar, Celebes.

● **QSL Section**

Your scribe from PJC2 (7250 kcs.) VLB4. Sidney Pearce: Radio Italia (Busto Arsizio No. 3 and 4), VLH4, VLH5, VLA5, VLC7, VLB10, VLA7, VLC11, Warsaw (6215 kcs.), HI3T, VUM2, CR7BD, Radio Malaya (4825 kcs.), Radio Stuttgart (6180 kcs.), Radio International Tangier (FB folder QSL card) and CHLS. (Vy FB O.M.) J. Beaunoir: ZRD AFN (Munich) VLB9. Bob Iball: OTC (folder type card with a SWL depicted in front of a huge RX and speaker with spectacles on the end of his nose and smoking a cigarette with the appropriate words "This is the Belgian National Broadcasting Service in Leopoldville Belgian Congo", coming from the speaker! CFRX sends a postcard size card in pale blue with map of Canada in red. In the foreground is a layout of Torontes downtown and harbour as seen from the Bay. R. Aldridge: VP4RD, OTC2, OTC5, VLC9, VLA6, FZ1 (11 and 9 Mcs. Two different cards). J. Hughes: :NAVE.

● **Acknowledgements**

Sidney Pearce BSWL 336 (Berkhamsted, Herts), J. Hughes ISWL/G30 (Rochdale, Lancs.), J. Beaunoir (Jacobs, Natal, S.A.), Dr. T. B. Williamson ISWL/G127 (St. Albans, Herts), Radio News (U.S.A.), J. Simpson ISWL/G879 (London, N.W.6.), Bob Iball ISWL/G941 (Workshop, Notts), E. Strangeway (Malton Yorks), P. E. Woolmer ISWL/G116 (Grantham, Lincs.), B. B. Wakeford ISWL/G26 (Lower Tuffley, Gloucester), F. W. Hardstone ISWL/G1086 (Streatham, London, S.W.16.), D. O. French ISWL/G1426 (Norwich, Norfolk).

Around the Broadcast Bands

A Monthly Survey by "MONITOR"

● Asia.

India. Jack Fairs of Redcar, Yorks, sends along a very nice report this month and very well laid out. Thanks OM. In it I see Jack has been doing quite a bit of listening to VU stations and has logged the following: VUD7, 15,160 kcs., QSA5 R8-9 and VUD10, 17,830 kcs., QSA5 R7-8, heard in parallel at 1500 with Western type music. VUD11 on 15,290 kcs. was QSA4-5, R5-6 while VUD5, 9590 kcs. was QSA4-5, R6-7 again in parallel at 1500 giving Indian type music. At 1530-1545 news was heard in English on all four stations, VUD7 and VUD10 closing at 1545, VUD11 and VUD5 continued with Indian programme. VUD8, 17,760 kcs. heard at 1230 with news in English and closing at 1250, QSA4-5, R4-6. A newcomer whom we welcome to this column is Charles Lhombreaud of Talence Gironde, France. Sorry I can't help you on MW gen. OM. Charles has an home made receiver, being 10 valves and tuning from 6-95 metres in six ranges, 180-560 metres and 800-2000 metres. This reader has logged many of the AIR BC's at very good strength.

Iran. Teheran EPB, 15,100 kcs. heard at 1900 with R9 signals while giving news in English, followed by news in French. Always appears to be over modulated. (Charles Lhombreaud.)

Turkey. Sidney Pearce of Berkhamsted, Herts, logged the English BC's from Ankara and says they are now given on Mons. and Thurs. at 2030-2100 and "Mailbag" Suns. at 2030, over TAQ 15,195 kcs. Daily news is still BC at 1845, over TAP on 9465 kcs.

Syria. Damascus 12,000 kcs. heard R7 with second English news at 1900, French at 1910. They say that first news at 1230, Syrian time (1030 GMT) (Pearce).

China. J. Fairs logged XGOY Chungking on 11,913 kcs. at 1430-1630. Gave announcements by man and lady as "This is China calling from Chungking," and also "This is the Voice of China in Chungking."

Israel. Telaviv, Kol Yisreal, 6817 kcs. News in English now at 1900, also the relay over Kol Yisreal, Haifa 8170 kcs. Also heard R7 in parallel on approx. 9010 kcs. (Pearce). Our youngest reader (?) Roy Pilkington, of Littleport Cambs. has logged the British Forces Station 4X4VA on 6725 kcs. He says power is about 2kW and whole schedule was not copied only 0430-0630—? 1800-2000. Roy says reception reports are appreciated and verified QRA: British Forces Station 4X4VA, APO150, Tel-Aviv, Israel. (Re the Diploma's OM. Broadcast Stations are counted for this, so send along your

All times are given in GMT

(For EST subtract five hours;

for AEST add ten hours)

veries or a signed list to that Department . . . NOT to your Scribe. See you are getting some good DX on your new RX . . . an R1155A. Keep up the good work OM).

Indonesia. J. Fairs sends along a cutting he has had sent him of Radio Indonesia's weekly radio programme Magazine "Pedoman Radio Gids."

The following includes all the stations operated by Radio Indonesia:

Station	Call-sign	kcs.	kW	Programme
Batavia (i)	YDB	2240	0.3	Indonesian.
"	YDB2	4910	0.3	"
"	YDE	11770	3.0	"
Batavia (ii)	YDD	2600	0.3	Dutch.
"	YDD2	4865	0.3	"
"	YDD3	6170	1.0	"
"	PLB4	10365	3.0	"
"	PLB9	11000	0.3	"
Batavia (iii)	YDB3	7270	0.3	Indonesian/Dutch/English.
"	YDC	15150	3.0	"
"	PLD6	17630	2.5	Dutch/Arabie/French.
"	PLF2	19345	2.5	"
Bandoeng (i)	YDA2	2415	0.15	Indonesian
"	YDA3	4945	3.0	"
Bandoeng (ii)	YDA	3390	3.0	Dutch
Soerabaja (i)	YD12	4370	3.0	Indonesian.
"	YD13	7295	0.45	"
Soerabaja (ii)	YD1	3240	0.25	Dutch.
"	YD14	4840	1.2	"
Semarang (i) (ii)	YDH	2500	0.15	Indonesian/Dutch
"	YDH2	5515	0.15	"
Garoet	—	2810	0.3	Dutch.
Medan (i) (ii)	YDP	4930	0.25	Indonesian/Dutch
"	YDP2	7210	0.35	"
Padang (i) (ii)	YDL	3270	0.35	"
Palembang (i) (ii)	YDK	4855	0.25	"
Pontianak (i) (ii)	YCN3	8090	0.15	"
Makassar (i)	YDQ	5030	0.25	Indonesian.
Makassar (i) (ii)	YDQ2	9550	8.0	Indonesian/Dutch
Makassar (ii)	—	11084	3.0	Dutch
Menado (i) (ii)	—	9720	0.4	Indonesian/Dutch
Ambon (i) (ii)	YDR	3380	0.25	"
Biak	YDZ	4895	0.04	Dutch
Djoejakarta (i)	—	5600	0.8	Indonesian.
" (ii)	—	5070	0.8	Dutch.
Solo	—	3332	0.8	Indonesian/Dutch
Fort de Koek	—	10600	1.0	"

PLD6 has been heard often from 1700-1800, QSA4-5, R5-6, with slight CW, QRM. Arabic at 1700 Western type music at 1730 and closing at 1800 with Clock chimes (0200 in Batavia). (Fairs.)

SHORT WAVE NEWS

● North/Central America U.S.A. (West Coast).

The following is a schedule of Californian's, copied from KGEI by reporter P. Barratt of St. Neots.

Call	kcs.	Time	kcs.	Time
KCBA	15150	0115-0830	15210	0900-1430
KCBF	17850	0115-0830	9700	0900-1430
KGEI	15210	0530-0845	9670	0900-1030 1045-1430
KGEX	17780	0530-0845		
KNBX	15250	0530-0830		(World News at 0600-0615)
KWIX	9570	0315-0815	11860	0830-1430

KCBF, KGEI and KGEX have been logged with good signals at PB's QTH.

Canada. CHNX, Halifax, 6130 kcs. has been well received in Accrington by our old friend Roy Patrick, who states they were heard QSA5, R6-7 from 2315 onwards, while CJCX in Sydney on 6010 kcs. another low powered station has also been putting in a fine signal at 2330, when a "Rinso Show" was BC (QSA5, R6-7). Again they were heard at 0000, with a Guy Lombardo show. Arthur Cushen of Invercargill, New Zealand, tells me that the following operating schedule is effective for CBC Broadcasts from May 1st:—

Mon.-Fri.

CKNC	17820 kcs.	1445-2130
CKCX	15190 kcs.	1445-1628
CKCS	15320 kcs.	1630-2255
CHOL	11720 kcs.	2145-2255

Sat. Sun.

CKNC		1515-2205
CKCX		1515-1628
CKCS		1630-2205

Daily to Latin America

CKCX		
CKRA	11760 kcs.	2310-0305

Mon.-Fri. Aust./Asia.

CKLX	15090 kcs.	
CHOL	11720 kcs.	0320-0400

UN for S. Africa.

CKLX		
CHOL		0405-0435

Suns. for Aust-Asia.

CHLS		
CHOL		0840-1030

P. E. Woolmer of Grantham, Lincs. sends in a very neat type-written log. Thanks OM. CHNX was logged by him at 0125, with QSA4, R7 signals, carrying sponsored programmes.

Heard by R. Pilkington from 0330-0415. Dominion News at 0400. QSA5, R5 at 0342, peaking to R9 plus at 0400.

● West Indies.

French West Indies. Martinique, "Radio-Martinique," has new 50kW Transmitter under construction and due for completion in 1950 (J. Fairs/RA DX Prog.)

Dominican Republic. HI2A, Santiago de los Caballeros, 9680 kcs. . . new channel . . . is reported by Jack Fairs and heard recently by him around 2230-2330, QSA4-5, R8-9, with flutter QSB. Usual musical prog. and call at 2300 "La Voz de la Re-eleccion."

Cuba. Pearce reports COCY "La Cadena Azul," Havana, 11740 kcs. with R6-7 signals, from around 2200. Kenneth Keegan of Seaham Co. Durham sends in a nice log this month and reports in it COBC 9360 kcs. logged at 0100, QSA4, R5 with chimes and trumpets followed by call "Radio Progreso, Havana, COCH, 9430 kcs." was QSA5, R5 at 0110 with very excitable speech!

French West Indies. Haiti, HH2S, 5948 kcs., logged with good signals around 0100 with French, giving station announcement as "Societe Haitienne de Radiodiffusion." (Patrick.)

● Australasia.

Australia. Arther Cushen reports the new Australian Transmitters, VLX, VLX2, and VLX3. Regular schedule as from Apl. 19th is as follows:—

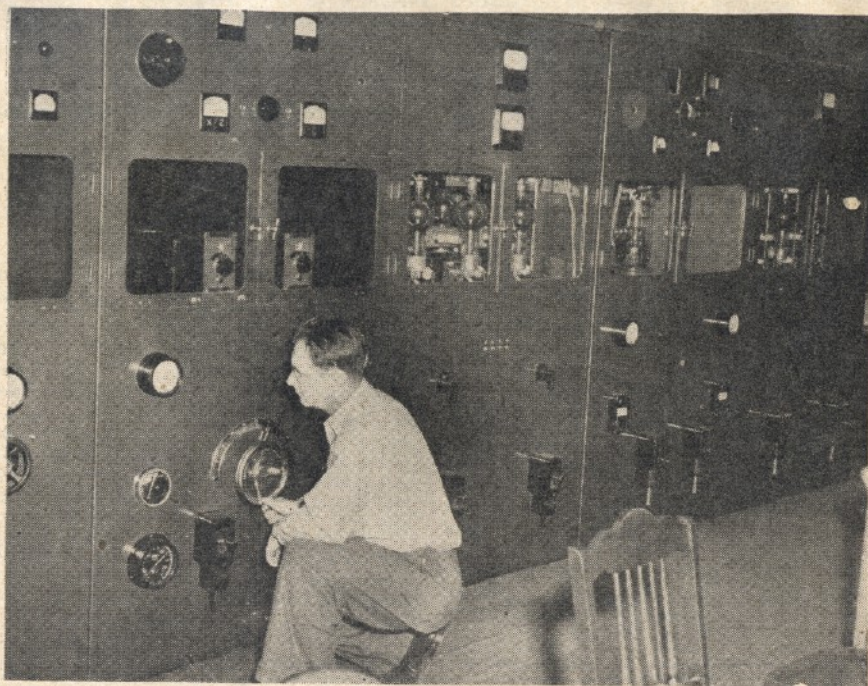
VLX2, 6130 kcs. 2200-0215, 1015-1530, VLX3, 0230-1000 daily on 9610 kcs.

VLX3, suffers some interference from ZYC8 just before sign-off.

VLX 6130 kcs., tested early April.

Charles Lhombreaud, our French Ami, reports some good DX from "Radio Australia" in the following:—

VLB3, 11760 kcs. and VLG6, R9x and R7, at 0600-0645, with programme in French. VLB3 and VLA6, 15200 kcs., both R9x at 0700-0815, VLG4, 15320 kcs. and VLG3, 11710 kcs., R7-8 and R3 (both heavily QRM'd from Moscow). VLB3 and VLA6 received R5 at 1400-1445, VLC11, 15210 kcs. and VLG3 being at that time R8, with rapid QSB and R2-0. At 1700, VLB10, 11740 kcs. was R9 with terrific QRM from Moscow, VLA11, 9580 kcs., R8, VLC, 15200 kcs. R9x. At 1630, VLB10 and VLA11 carried German programme. VLA8, 11760 kcs. was R9, with QRM from Delhi before close down, VLB2, 9650 kcs. R6. Both at 2000. Also at 2000 the ABC stations VLG6, 15230 kcs. and VLH4, 11880 kcs. were both received at R4. VLH4 being completely blotted out by LRS coming in at R9!



Ed. Greenwood at one of WRUL's 50 Kw. Transmitters

Peter Woolmer has logged the morning BC for the British Is. from 0700-0815 via VLB6, 11760 kcs., VLA6, 15200 kcs. and VLC10, 21680 kcs. All channels have been heard except the latter at his QTH. Pearce reports minor changes in the "R.A." BC's to the British Is. as follows: 1400-1500, VLA6, 15200 kcs., VLG3, 11710 kcs., 1415-1445, VLB3, 11760 kcs., VLC11, 15210 kcs., 0700-0815, VLA6, VLB3, 0700-0745 VLC10. DXers Prog. now poorly heard over VLA6 on Sundays at 1402 and generally QRM'd. The ABC VLH5 on 15230 kcs. was logged at 0545 at R7, with "Music while you work Programme" followed by Time signal for 4PM and call at 0600. This reader says "Bedlam" rains from 1415-1445 and again from 1800 on the 9, 11, 15 and 17 Mcs. bands these days. You're telling us Sidney! J. Fairs mentions changes also in schedules to West Coast of USA . . . 0430-0545, VLC4, 15320 kcs. to VLG6 on same freq. while VLC9, 17840 kcs. replaces VLG11, 15200 kcs. 2210-2315 to British Is. and Europe . . . VLG6, replaces VLG10, 11760 kcs. Roy Pilkington had a nice catch in the ABC transmitter VLW3 in Perth on 11830 kcs. Heard from 0530-0635.

● Africa.

Angola PWA. Pearce reports CR6RG, Companhia de Diamantes de Angola, Dundo on 8242 kcs. Sends letter veri. also card and said Sidney's report was the second from English listener. Schedule: Daily 1830-1930 also on Sundays from 1100-1200. (Nice work on that QSL, OM).

Douala, FWA. 9160 kcs. heard from 1800-2000 QSA4, R3-4. News in French at 1830. Letter received says power is but 500 watts. In a few weeks a new TX using 1kW will operate on freq. of 9657 and 7287 kcs. (Lhombreaud).

Maritius. Arther Cushen sends along some very interesting news of the Mauritius Broadcasting Service, Forest Side Mauritius, as follows:—

Airmail letter veri states that due to heavy side interference on 7340 kcs. they will move to the 15 Mcs. band when confirmation is received from London. Present schedule is Fridays 1545-1730. TX, SABC, 1500 watt located on hill 2300 feet above sea level on highest point of Island. Will operate several hours daily when on 15 Mcs.

Mozambique, PEA. The Radio Club of Mozambique announce that station CR7AB now operates on increased power and asks for listeners reports on this freq. of 3490 kcs. (Cushen). (Your Scribe has the Wallpaper!)

Sudan. "Radio Omdurman" Omdurman, 9750 kcs. heard R7 at 1700-1800 with Arabic Programme (Lhombreaud). Cushen says they put a good signal in New Zealand from 0415-0445 with some side QRM from H12T and TGWA. Jack Fairs heard them with English Programme at 1730-1800, apparently on Fridays only. QSA4, R5-6 at this time.

● Europe.

Monaco. Monte Carlo. Frequently heard on approx. 7360 kcs., QSA5, R8-9 at 1840, also at 2130-2200. At all times in parallel with 6035 kcs. freqs. (Fairs). Pearce heard them on 7350 kcs. when signing on with R8 signal at 0600 in parallel with their 9785 kcs. channel. 1100-1300 on same freqs. (also generally Sun. afternoons). 1745-2215 on 7350 kcs. and 6035 kcs. End of May not heard on 7350 kcs. using only the 6 and 9 Mcs. channels. Heard 1245-1325 on 9 Mcs. freq., QSA5, R7-8 (Fairs.)

Hungary. Budapest. Magyar Radio heard on 6247 kcs. and in parallel on 6820 kcs. Gives news in English at 2220. French at 2210. Schedule: 1300-2245. Asks for reports to Radio Budapest, Hungary. (Pearce.)

J. Fairs reports them with musical programme at 2130-2200 relaying Budapest i. QSA4-5, R5-8, with intermittent QRM (CW) Jack mentions in his second letter this month that he has received a veri from . . . Head of International Dept., giving following data . . . "Experimental BC's began on 1st Apl. on 6247 and 9820 kcs., both with 400 watts output. (Present schedule as Pearce lists). Commencing July 15th will transmit an independant programme with power of 2kW. Building operations at Diosd near Budapest for construction of a new 100kW TX has been under way for some time and will be put into operation on April 15th, 1950" QRA: Magyar, Kozponti, Hirado Rt., VIII Brody, Sandor—V.7, Budapest.

Greece. Athens. Ernie Field of Watford, Herts. sends along schedules of transmissions as follows:—

15345 kcs. Rhombic Antenna beamed to NW Europe and U.S.A. Power 7.4 kW.

1515-1545 News in Greek, 1545-1600 News in English. 1600-1615. News in French. 2230-2330 Special prog. for USA (News in English and Greek with musical prog. in between).

9607 kcs. Horizontal Di-pole Antenna. Power 7.5 kW. 0530-0735. Relay of Greek Prog. on MW also from 1000-1300. 7300 kcs. Horizontal Di-pole Antenna, 7.5 kW. 1700-1830. News in Turkish, Russian, Roumanian, Serbian, Bulgarian and Albanian (15 mins. each).

Announces as . . . Greek "Radiofonikas Stahmos Athinon I Foni Tis Ellados."

English: "This is Radio Athens. You are listening to the Voice of Greece."

French: "Ici Radio Athenes, La Voix de la Grece."

Interval signal . . . The first few bars of the Greek song "Kato Ston Valto." QRA: The National Broadcasting Institute, No. 4, Rigillis Street, Athens, Greece. Larissa, 6745 kcs. 500 watts, belongs to "B" Army Corps (453 Signals Bat.), Greek Army. Commenced English on Feb. 27th. 1930-2000. Suns. Tues., Fri. QSA3-4, R4-6 (Fairs).

● Six QRA's

Compiled by Sidney Pearce each month for your interest.

Baden-Baden. Sudwestfunk Zentrale Baden-Baden, Hotel Kaiserin, Elisabeth Moltkestrasse 5, Baden-Baden, Germany.

Bucharest. Societatea Romania de Radio-difuziune, Str. General, Berthelot No. 60, Bucharest, Roumania.

ZPA3. Radio Teleco, Calle Azura, Asuncion, Paraguay, South America.

OAX4Z. Radio Nacional del Peru, Ave. Petit Thouars, 441 Lima Peru, South America.

HH2S. Radio Port-au-Prince, P.O. Box B81, Port-au-Prince, Haiti, West Indies.

XEBT. Estaciones, Radiodifusoras Comerciales, XEB y XEBT. Calle Buen Tono, 6 Mexico, D.F. Mexico.

● Honour Roll.

Those readers with ten or more Countries Verified are requested to send along their lists for this contest. Certificates will be given to the three top notchers listed by Dec. 31st., 1949. Will your name be there? Present table reads as follows:—

1. Sidney Pearce (Eng.)	115
2. A. Cushen (N.Z.)	100
3. T. B. Williamson (Eng.)	85
4. E. Field (Eng.)	62
5. A. V. Wilkinson (Eng.)	52
6. A. Levi (N. Ireland)	50
7. R. Savill (Eng.)	20
8. R. Patrick	17
9. F. Pilkington (Eng.)	17

● QSL Section

Verifications received by readers over the past month:—

Sidney Pearce has found the following to oblige him, OIX4 Burma BC Service KGEX (11730), KGEI (9700), VUB, Vienna (7245), HH2S (one of the rare ones), CQM4, YSUA, Budapest, CR6RG, Radio Pakistan, Dacca, Warsaw, VLR2, VLH4. Jack Fairs from HCJB

(17890), ZYN7, OTC2, VP4RD, Warsawiii, Larrissa, FZI, (11970/9440/9984), YDC Rome (9630/11810), Budapest PCJ. Roy Savill: PCJ, TGWA, OTC Radio Saigon, SBT, SDB2, SBO, Moscow Radio, Algerie, Switzerland, WRUL, VLA, VLB, VLC, VLG7, FZI, CHOL, CHNX, HCJB, COK, COCX, HP5A, HS8PJ, Andorra, Radio Athens, Luxembourg, OZF. W. Fargo: Moscow Radio, Athens, Cyprus, Rome, OIX4, OZF, FZI, Sofia, Madrid, ZL3, ZL4. A. Cushen: Mauritius (7340), (VFB Arthur), HER8 (21520), ZYN7, DZH5, PLB9, YCN3 (8090), CR6RN, CR6RL, Red Cross, Switzerland (6345), VLC11 (15220), Saigon (7200), VUD8 (9570), OZH2, WGEA (21590), Fred Pilkington: ZL3, Tangier, Budapest, Brussels, CKRZ, CKOB, Trieste.

SHORTWAVE STATIONS OF VENEZUELA

Venezuela stations have changed call letters, dropping the numerical districts. There have also been some frequency changes made and new stations added. The revised list of stations is as follows:—

Kcs.	Call	City	Station Name
3310	YVOG	Trujillo	Radio Trujillo.
3330	YVQL	El Tigre	La Voz del Tigre.
3340	YVMU	Carora	Radio Carora.
3360	YVOC	San Cristobal	Ecos del Torbes
3370	YVMI	Maracaibo	La Vox de la Fe.
3380	YVQN	Puerto La Cruz	Ondas del Puerto.
3400	YVKP	Caracas	Radio Tropical.
3410	YVMK	Cabimas	Radio Cabimas.
3420	YVOE	Merida	La Voz de la Sierra.
3430	YVLI	Maracay	Radio Maracay.
3440	YVMC	Maracaibo	Radio Maracaibo.
3450	YVQI	Barcelona	Emisoras Unidas.
3460	YVLD	Valencia	Radio Valencia.
3480	YVLE	Puerto Cabello	Radio Puerto Cabello.
3490	YVRA	Maturin	Radio Monagas.
3505	YVKX	Caracas	La Voz de La Patria.
3515	YVQG	Barcelona	La Voz de Anzoategui.
3530	YVKT	Caracas	Radio Libertador.
3620	YVLG	Maracay	Radio Giradot.
4750	YVMA	Maracaibo	Ecos del Zuila.
4760	YVKV	La Guaira	Emisora Vargas.
4770	YVMW	Punto Fijo	Ondas del Caribe.
4780	YVLA	Valencia	La Voz de Carabobo.
4790	YVQC	Ciudad Bolivar	Ecos del Orinoco.
4800	YVME	Maracaibo	Ondas del Lago.
4810	YVMG	Maracaibo	Radio Popular.
4820	YVRC	San Fernando	La Voz de Apure.
4830	YVOA	San Cristobal	La Voz del Tachira.
4840	YVOI	Valera	Radio Valera.
4850	YVMS	Barquisimeto	Radio Universo.
4860	YVPA	San Felipe	Radio Yaracuy.
4880	YVKF	Caracas	Ondas Populares.
4890	YVKB	Caracas	Radiodifusora Venezuela.
4900	YVQE	Ciudad Bolivar	Radio Bolivar.
4910	YVMM	Coro	Radio Coro.
4920	YVKR	Caracas	Radio Caracas.
4940	YVMQ	Barquisimeto	Radio Barquisimeto.
4960	YVQA	Cumana	Radio Sucre
4990	YVMO	Barquisimeto	Radiodifusora Occidental
5020	YVKO	Caracas	Radiodifusora Nacional.
5030	YVKM	Caracas	Radio Continente.
5060	YVKD	Caracas	Radio Cultura.

● Acknowledgements.

The Editor and "Monitor" wish to thank all readers who have sent along items compiled in this month's article.

73, GUD DX.

BROADCAST BANDS COMMENTARY

Conducted by "MONITOR"

● **Asia**

Indonesia. "The Voice of the United States of Indonesia broadcasting on 11785 kcs., Station YDE3" (Note new frequency... old was 11770 kcs.). English Hour begins at 1900 hrs. GMT. Dutch programme ends at 1900. English transmission from 1900-2000 hrs. GMT. News, recorded music, talk on Agriculture within Indonesia followed by News summary— $\frac{1}{4}$ hour each item. Heard QSA4 R7 with QSB to R3. (Reported by IBIS). Have been heard with strong signals at your Scribe's QTH in Bristol giving talk on Volcano's and Javanese Music.

Sidney Pearce has received a letter Veri from "Radio Indonesia" with schedule, for report on their French transmission at 1700.

(YDF2 heard R8 from 1900-2000 with English BC for Europe.)

Signals were QSA5 R8. Your Scribe has heard them very strong at this time with American Swing recordings. Norman Smith logged them closing at 2030.

Syria. Damascus. Heard several times on new frequency near 6900 kcs. usually QSA4-5 R7 around 1900 with Arabic music and news at 1915. (Fairs).

● **Australasia**

Melbourne. VLC9 17800 kcs. heard R6 from Sign on at 2000 in parallel with VLB2 9650 kcs., VLA4 11850 kcs. Off at 2155 and returns to the Air at 2210 for BC to S. America but is then on 17840 kcs. Broadcast to Europe in German heard strongly at 1700-1815 over VLB9 9580 kcs., VLA8 11880 kcs. and VLC 15200 kcs. VLG6 15230 kcs. after close of ABC Progs. at 2200

Schedule	Language	Station	Frequency	Notes
1100-1200	English over	YDC	15150 kcs.	and YDB2 4910 kcs.
1400-1500	"	"	"	"
1200-1300	Chinese	"	"	"
1300-1400	Arabic	"	"	"
1500-1600	French over	YDB2 YDC and YDE	11770 kcs.	
1600-1700	Hindu/Urdu	YDB3	7270 kcs.	
1400-1500	Indonesian	YDF	6045 kcs.	
1500-1600	English	"	"	
1615-1700	Arabic	YDF2	11785 kcs.	
1700-1800	French	"	"	
1800-1900	Dutch	"	"	
1900-2000	English	"	"	

Jack Fairs lists YDF2 and states that they have extended the evening English transmission to 2000 and heard with FB signals. Hawaiian Melodies and a story of the islands (Mr. Charles Smart was the reader). Announces "This is The Voice of Indonesia in Djakarta." Norman C. Smith is a newcomer to this column and reports YDF2 (not YDS2 OM as you say), Gong at 2000 (16 notes then strikes 4) preceded by "Melodies from the Islands" and news in English. (Welcome Norman and let's hear from you again soon).

Iran. Pete Woolmer G116 reports EQC Radio Teheran on 9660 kcs. with News in English at 2000 followed at 2005 by dance music on records, sign off at 2030 with clock striking midnight.

heard R6 with Radio Australia BC for British Is. until 2315. VLB3 (ABC) 9580 kcs. R6 around 0845, ABC News at 0900. Also heard from 1330-1405 with running commentaries from SABC (Johannesburg) during final Cricket Test Match at Port Elizabeth. (Pearce).

Frank P. Warton G3051 of Mill Hill, London, tells me that "Radio Australia" is to be taken over by The Australian Broadcasting Commission instead of being operated by the Dept. of Information, and that there is going to be a large reshuffle. He quotes that a large number of the transmitters now used are to be taken off the Air and there is to be a complete overhaul of all programmes. Frank says he will advise us on any more 'gen' he gets. Thanks OM. I wonder

how many of you started Shortwave Listening at the age of seven? The following news has come to your Scribe that... Michael Crocker of Westbury-on-Trym, Bristol, has started at the age of Seven and listens to the Kookaburra Bird from "Radio Australia" every morning at 0700. Congratulations Michael and let's hear from you about any other signal that comes 'thru your Loud-speaker' there. It's very seldom we hear a SWL in Bristol these days. What's holding you back Fellows? Can't you tune off 14 and 28 Mcs. once in a while!! (28 Mcs. is out of Season anyway—Ed.)

● **North America**

Canada. Our DR Orville Lyttle VE2578 sends in a nice list of Canadian Stations, their freq., power, location, relays and slogans.

U.S.A. (East Coast). The Armed Forces Radio Service, New York 14, New York operates on the following freqs. from 1800-2145 :—

Trans. WRCA	Frequencies	Beam to
	11890 kcs.	Central Europe, France, Germany, Poland.
WBOS	15210 kcs.	Mediterranean, North Africa, Turkey, Palestine.
WGEX	17765 kcs.	S. Europe, Spain, Austria, Italy, Balkans.
WNRX	21730 kcs.	Europe, N. Germany, Norway, Sweden.

U.S.A. (West Coast). Jack Fairs is the sole reporter of any 'Californian' and logged KNBX San Francisco on 15240 kcs. at 2315 QSA4 R5-6 giving 'Reporters at Work' followed at 2330 with programme in Chinese. (RX: S640).

Canada (Newfoundland). Pearce lists CBNX St. John's with call at 2315 "This is Trans-Canada Network of the CBC, Stations CBN and CBNX at St. John's," foll. by World News. QRM from HI4T. (RX: Sky Champion).

Station	Freq. kW kcs.	Location	Relays from	Slogan
CBNX	5970 0.3	St. John's NFD.	CBN, CBC	Canadian Broad. Corp.
CFCX	6005 0.075	Drummondville QUE.	CFCXF	Canadian Marconi Radio.
VE9AI	6005 0.2	Edmonton Alta.	CJCA	The Voice of the Great North-West.
CJCX	6010 1.0	Sydney N.S.	CJCB	The Voice of Sydney.
CFVP	6030 0.1	Calgary Alta.	CFCN	The Voice of the Prairies.
CKRZ	6060 50	Sackville N.B.	CBC	CBC Inter. Service.
CFRX	6070 1.0	Aurora Ont.	CFRB	Roger Broad, Station.
CKFX	6080 0.01	Vancouver B.C.	CKWX	Western Broadcasters.
CBFW	6090 7.5	Vercheres, Que.	CBF	Canadian Broad. Corp. (French).
CKOB	6090 50	Sackville N.B.	CBC	CBC Inter. Service.
CHNX	6130 0.5	Halifax N.S.	CHNS	The Voice of Halifax.
CKRO	6150 2.0	Winnipeg Man.	CKRC	Trans.-Canada Communications.
CBRX	6160 0.15	Vancouver B.C.	CBR	Canadian Broad. Corp.
CHAC	6160 50.0	Sackville N.B.	CBC	CBC Inter. Service.
VED	8265 5.0	Edmonton, Alta.	CBX	Yukon-NWT Radio System.
CBFR	9520 7.5	Vercheres Que.	CBF	CBC (French).
VE9AI	9540 0.2	Edmonton Alta.	CJCA	Voice of the Great North-West.
CBFX	9610 7.5	Vercheres QUE.	CBF	CBC (French).
CHLS	9610 50.0	Sackville N.B.	CBC	International Service.
CBFO	9630 7.5	Vercheres Que.	CBF	CBC (French).
CKLO	9630 50.0	Sackville N.B.	CBC	CBC International Service.
CBFY	11705 7.5	Vercheres Que.	CBF	CBC French Service.
CKXA	11705 50.0	Sackville N.B.	CBC	CBC International Service.
CBFL	11720 7.5	Vercheres Que.	CBF	CBC French Service.
CHOL	11720 50.0	Sackville N.B.	CBC	CBC International U.N. Service.
CKRX	11720 2.0	Winnipeg Man.	CKRC	Trans-Canada Communications.
CBFA	11760 7.5	Vercheres Que.	CBF	CBC French Service.
CKRA	11760 50.0	Sackville N.B.	CBC	CBC International Service.
CKEX	11900 50.0	Sackville N.B.	CBC	CBC International Service.
CBXL	15090 7.5	Vercheres Que.	CBM/CBF	CBC English/French Service.
CKLX	15090 50.0	Sackville N.B.	CBC	CBC International Service.
CBFZ	15190 7.5	Vercheres Que.	CBF	CBC French Service.
CKCX	15190 50.0	Sackville N.B.	CBC	CBC International Service.
CKCS	15320 50.0	Sackville N.B.	CBC	CBC International Service.
CKNC	17820 50.0	Sackville N.B.	CBC	CBC International Service, U.N.
CKRP	21600 50.0	Sackville N.B.	WNCBC	International Service U.N.
CHLA	21710 50.0	Sackville N.B.	CBC	CBC International Service.

Canada. A newcomer whom we welcome to this column is Dave Cocking G3722 and he reports the CBC International Service to Europe over CKCS in English at 2200 instead of over CKLO and in parallel with CHOL. He also receives the CBC beamed to S. Africa on CKRP at 1415, at good strength. (RX: S640/SH5).

Alaska. Roy Patrick G699 mentions that there is a Coast Guard Station NMJ on 2698 kcs. and wonders if any SWL has ever tried for it. Voice transmissions are given at 0600 and 1800 hours daily (a Canadian Friend tells him of this). Station is very keen to have reports from distant SWL's. Power is 5kW. How about it Sidney? ... Oh that QRN!

● South America

Brazil. Roy Savill G2811 has received from "Radio Nacional" in Rio an up-to-date list of Brazilian SW Stations and we have pleasure in listing them for your guidance:—

Rio de Janeiro ...	PRL7	9720 kcs.
	PRL3	11720 kcs.
	PRL9	6175 kcs.
	ZYC8	9610 kcs.
	ZYC9	15366 kcs.
	PRL4	9770 kcs.
	PYZ2	9290 kcs.
Ceara ...	ZYN6	6105 kcs.
	ZYN7	15165 kcs.
Para ...	PRC5	4865 kcs.
Paraiba ...	ZYE7	4825 kcs.
Minas Gerais ...	PRK5	6000 kcs.
	PRK9	16190 kcs.
	PR13	5998 kcs.
SAO Paulo ...	ZYB7	6095 kcs.
	PST2	7410 kcs.
	ZYB8	11765 kcs.
	ZYB9	15155 kcs.
Pernambuco ...	PRA8	6015 kcs.
	ZYK2	6085 kcs.
	ZYK3	9565 kcs.
	ZYK2	15145 kcs.
	ZYK3	11825 kcs.
Amazonas ...	PRF6	4895 kcs.
	ZYS8	4805 kcs.
Maranhao ...	ZYM8	4785 kcs.

Pearce reports ZYK2 on 15145 kcs. "Radio Jornal do Commercio" Recife R6 from around 0900. ZYN6 Ceara Radio Club Fortaleza R7 after 2100, PRN9 Departamento Federal Seguranca Publica, Rio de Janeiro sends letter Veri and card for report on their station PYZ2 on 9290 kcs. PRN9 is the MW transmitter evidently. Alan Willey reports ZYN6 QSA5 R7 at 2300 with call "Ceara Radio Clube" preceded by gong. ZYB7 QSA5 R8 at 2315 with call "Radio Difusora Sao Paulo." ZYC8 QSA5 R8 from 2100. This is "Radio Tamoio" and Roy Savill who reports them says they are usually one of the best signals from Brazil and have good entertainment value programmes of popular music. PRL5, also reported by the same reader, has appeared on

approx. 11940 kcs. and has been heard regularly late evenings. It is companion to PRL4 on 9770 kcs. and is run by the Ministry of Education ... "Radio Ministerio de Educacao." Usually QSA4-5 R8-9, PRA8 "Radio Club de Pernambuco" heard QSA4 R6 at 2230 with Sponsored programme (Savill).

● Central America/West Indies

Dominican Republic. HI2L Trujillo City 9525 kcs. heard QSA4 R7 on a clear channel at 2230-2245 with Latin American music and frequent call, "La Voz del Tropico" (Fairs).

Cuba. Havana COCY 11746 kcs. heard QSA4-5 R5-6 with hetro. Sponsored programmes and call "RHC Cadena Azul en Habana, Cuba" at 2230. COBZ Havana 9026 kcs. QSA4 R5 around 2300 with good musical programme and call "Radio Salas." COKG Santiago 8960 kcs. QSA4-5 R6 at 2230 with slogan "Cadena Orientale del Radio" followed by News bulletin. (Fairs).

Panama. HO50 Panama City. "Radio Continental" heard testing on 6045 kcs. (listed as 5960 kcs.). (Radio Sweden DXers Prog. per J. Fairs.)

Haiti. 4V2S Port-au-Prince 5951 kcs. QSA4 R6 with bad W/T QRM at 2330 onwards peaking to R7 by 0020 (Roy Savill G2811).

4VRW (ex HH3W), 4VW (ex HHW) sends QSL Card and says "Many times Thanks a Million." For reception near 9780 kcs. (Sidney Pearce who reports this says he never had a QSL from HH3W). Schedule:—1100-1330, 1700-2000, 2300-0300 on freq. 10130 kcs. but now heard 10210 kcs. with R7 signals from 2300.

Cuba. COBC Habana "Radio Progreso" 9362 kcs. R7 after 2300 (a little spread from Madrid sometimes). COCH Havana "Union Radio S.A." 9437 kcs., clear signal from 0130, earlier has some QRM from Brazzaville on 9440 kcs. (Pearce.)

Panama. HOLA Colon. "Radio Atlantico" 9505 kcs. R6 with sponsored progs. in English 2200-2300 when says time 6 p.m. and second session in English will be at 9 p.m. (0200 GMT) after three hours BC in Spanish. (Pearce.)

Nicaragua. Managua. YNWA 6464 kcs. regularly heard QSA4-5 R6 around 2300. Announces as "Radio Mundial en Managua." (A. Willey G1780), YNEQ Managua 6963 kcs. heard QSA5 R6 at 0130 with call "La Voz de la Victoria" (QRA see QRA Section) (Willey.)

Haiti. 4VCN Port-au-Prince 6407 kcs. heard regularly at 0015 with Six chimes followed by call sign given in French ('Quatre Vay Say Enn') (That's how it sounded thru' Allan Willey's Speaker). This reader says the power used is 100 watts but reception is often R8 with perfect readability. Allan wants the QRA. Anyone oblige for QRA Section next month?

Trinidad. Port of Spain. "Radio Trinidad" 9625 kcs. heard at 2040 QSA4 R4, Prog. was "Bringing Christ to the Nations" (D. Webber G3623).

● Africa

Observations from IBIS (in April).

Mauritius. V3USE Forest Side operating on 15075 kcs. ... 0300-0415, 0800-0930 and 1430-1700. Power 1.5kW.

Angola. Radio Clube de Huambo, Nova Lisboa. 11925 kcs. Sun. ... 1100-1245, 1600-1700. Weekdays 1800-2200.

Cape Verde Islands. CR4AA Radio Clube de Cabo Verde. 5895 kcs. is again audible when ZRK Cape Town leaves the Air at 2100.

Bechuanaland. ZNB Mafeking. Now on 8230 kcs. having QSYd from its old channel of 5900 kcs. Schedule:—1700-1930 hrs.

Mozambique. CR7BE 9671 kcs. also on 11764 kcs. in parallel from 0400 hrs., requesting reports on the latter channel. CR7BG 15196 kcs. varying from between 15175 to 15195 kcs. with test transmissions. Reports requested and should contain programme content, QSA, R, and QRM/source of, etc.

Angola. Pearce reports the "Radio Clube de Huambo" Nova Lisboa 11925 kcs. and heard evenings R7. Sometimes closed as late as 2205 with Portuguese National Anthem. CR6RJ "Radio Clube da Huilla" Sa da Bandeira, 9760 kcs. heard on Sundays until sign-off at 1830 with Nat. Anthem.

French West Africa. Dakar. 15345 kcs. "Radio Dakar" R7 evenings until close with "La Marseillaise" on this freq. at 2030. The 11895 kcs. channel in parallel is on the Air until 2300. News in French at 2015. (Pearce.)

Tangier. "Radio International" Tangier 6110 kcs. sends Pictorial QSL Card to Sidney Pearce with foll. schedule:—1200 English, 1230-1315 French, 1315-1400 Spanish, 1400-1600 French-Spanish, 1800-2000 Arabic, 2000-2115 French, 2115-2215 Spanish, 2215-2400 French/Spanish. "Voice of America" relay station in Tangier heard R7-8 signing on at 1630 with "This is Tangier on 11710 kcs. signing on" then Foreign language Broadcasts. QRM from presumably VUD on same freq. Also strong signals evenings on 7220 kcs. until sign-off at 2230 hrs. (Pearce.)

Kenya Colony. Roy Patrick lists VQG1 Nairobi on 4885 kcs. and has logged them around 1800 regularly over the past few weeks with BBC News relay foll. at 1515 with Local Newscast, announcements and weather forecast.

● Europe

Netherlands. Jack Fairs heard an experimental transmission from "Radio Nederland" on approx. 7080 kcs. on Feb. 14th last at 1850 to close at 1905. Call letters announced appeared to be PCL. A QSL card has since been received for report on this transmission but no 'gen' on this station was mentioned. Has anyone else heard this one?

Germany. Leipsig (USSR Zone) Mitteldeutscher Rundfunk has been heard on several frequencies apparently testing and in parallel

with 9730 kcs. channel. Approx. freqs. logged were:—8670, 8930, 10520 and 10775 kcs. (Fairs.)

Malta, G.C. FBS was heard on 9925 kcs. with weak signals and bad hetro. Radio Sweden DX Session quotes a letter from this station, that this is a second harmonic of 4965 kcs. freq. (Fairs.)

● Honour Roll, 1950

1.	S. Pearce (Eng.)	...	118
2.	A. Cushen (N.Z.)	...	118
3.	R. Gillett (Aust.)	...	111
4.	T. B. Williamson (Eng.)	...	91
5.	E. Field G962	...	67
6.	A. Levi (N. Ireland)	...	65
7.	H. F. Buggins (Eng.)	...	64
8.	A. V. Wilkinson (Eng.)	...	52
9.	R. Patrick G699	...	50
10.	J. Fairs G2660	...	45
11.	R. Savill G2811	...	40
12.	P. E. Woolmer G116	...	39
13.	C. Shapiro G13173	...	37
14.	86th Belfast Scout Group (N. Ireland)	...	37
15.	M. Milne G2828	...	33
16.	J. Symes G3010	...	31
17.	O. Lyttle VE2578	...	30
18.	R. H. Barnett (Eng.)	...	27
19.	F. Pilkington (Eng.)	...	25
20.	R. Chorlton G2832	...	25
21.	D. Webber G3623	...	25
22.	J. Unal (N. Ireland)	...	22
23.	A. Willey G1780	...	21
24.	J. Garrett G13348	...	21
25.	S. J. Sinclair G3290	...	20
26.	J. Grainger G3657	...	19
27.	P. A. Hartley G730	...	18
28.	D. Morris G2795	...	18
29.	H. Moss (N. Ireland)	...	18
30.	J. Harris (Eng.)	...	18

Readers are requested to send along their lists of Countries Verified for this Roll, ten or more gets you in. Lists must state Country and Station Verified. Add your ISWL Number if any and head your sheet "Honour Roll" Monitor. Good reporting and concentrated listening will reap those elusive QSL's for you, as the "Topnotchers" have found.

Poland. Warsaw 6215 kcs. heard with English News bulletin at 1930 QSA5 R8-9 (J. Vaux).

Hungary. Budapest. Heard with fairly good signals giving News in English at 2200. R5 with bad QRN on 6240 kcs. also in parallel on 9820 kcs. (R9 with bad QRN). Station leaves the Air at 2300. Verified with typewritten letter Veri. (William S. Fargo ISWL-W4/1076 Atlanta, Georgia sends in this 'gen' in a lengthy log. (Please state GMT OM).

Germany. "Radio Stuttgart" sends letter Veri to Pete Woolmer (RX: R1224A and SH5) and schedule as follows:—

Mon./Fri. ...	1045-1350	1430-2300
Tues. ...	1045-1400	1500-2300
Wed./Sat. ...	1045-2400	
Thurs. ...	1045-1345	1500-2300
Sun. ...	0500-2400	

(QRA... see QRA Section).

Switzerland. HER7 Berne 17784 kcs. often heard with strong signals at 1450 with English BC in parallel with HER5 11865 kcs. (Woolmer).

Spain. Madrid. EDU10 Sindicato Espanol Universitario on 7171 kcs. heard QSA4 R7-8 from 2230. Programme consisted of mainly Spanish music and popular classical pieces. Being in the 7MC Amateur Band some bad QRM was suffered at times. (Roy Savill). (Guess there was QRM Roy !!)

● **QSL Section**

Verifications received by readers over the past month:—Jack Fairs has found the following to oblige him: Radio Sofia (7670), TGWA (9760), "La Voz de la Falange" (7380), Radio Nederland (PCL?). Jim Symes: Beyrouth (8036), A. I. R. Delhi (17840), CKLO, HCJB, VLA6, VLA4, VLB4, VLB2, VLC4. Carl Shapiro: ZYK3, PHI, TGWA. Peter Hartley: HER5, Radio Sofia. Peter Woolmer: CHNX, HER3, ZYN7 Stuttgart. Orville Lyttle: VLC3, VLC9, VLB4, VLA4, VLA8, VLG3, VLT5, VLI2, VLX3, VLR2, TAP, Budapest, FZP8 Khartoum (enclosed picture magazine of the Sudan), CKFX, WABC. (Nice work Orville those VK's. Congrats to you on winning the Broadcast Contest there with your 'Amigo's'). J. F. Vaux: LRS (Letter Veri and schedule, also by separate post two copies of the Constitution and "The Truth about Argentina!"), Radio Sofia. Roy Savill: Larissa Voralberg ZJM7 VOA Munich. Carl Shapiro in a second list has: W GEO, Argentina, Hungary, FHE3, Sudan, OIX2, Lebanon. Sidney Pearce: Manila (15330 kcs.), HEU3, YDF2, PRN9, Ponta Delgada, LKQ, Radio Menorca, CKLO, 4VRW, YVMM, YVMQ, Beirut, TGWA, HOLA, Blue Danube Network and VUM2. Roy Patrick: CBNX (9 months to answer!), Tel Aviv, TFJ, Belgrade (6100), Budapest (9820), CS2WI (12865), YVOA (4830), CR6RB. Alan Willey: Beirut (card by Airmail in two months... depicting a "Cedar of Lebanon"), YVME (less than two months. May increase power from 2.5kW to 10kW shortly says this reader). Roy Savill: "La Voz de la Falange" in Madrid, Deutschlandsender, Bayerischer Rundfunk.

● **QRA Section**

This month we are adding addresses sent in by readers to Sidney Pearce's usual six QRAs. Last month's QRAs from Pearce were omitted and are now added to this list.

HO50. Radio Programas Continental, Apartado 1795, Panama City, Panama, Central America.

DZH7. Far East Broadcasting Co., P.O. Box 2041, Manila, Philippine Islands.

TIFC. The Lighthouse of the Caribbean, Apartado 1307, San Jose, Costa Rica, Central America.

HC4FA. La Voz de Manabi, Av. 18 de Octubre No. 113, Portoviego-Manabi, Ecuador, South America.

YDF, YDF2. Radio Republic Indonesia Serikat, Gambir, Selatan 17, Djakarta, United States of Indonesia.

COCH. Union Radio S.A., Prado 107, Havana, Cuba.

PYZZ. Chefatura de Policia, Rua da Relacao S/N., Rio de Janeiro, Brazil, South America.

ZYU8. Radio Difusora de Teresina Ltda., Rua Areolino de Abreu 1157, Teresina, Est. Praui, Brazil.

CR6RM. Caixa Postal No. 174, Mocamedes, Angola, Portugese West Africa.

OAX4Q. Radio Victoria, Edificio Minería No. 508-510, Lima, Peru, South America.

ZPA5. Radio Encarnacion, Compania Paraguaya da Radiodifusion, Encarnacion, Paraguay, South America.

OZU, OZH2. The Danish State Radio, Inderhuset, Copenhagen, Denmark, Europe. (Sidney Pearce).

YVOA. La Voz del Tachira, Apartado 37 San Christobal Venezuela, South America.

Parede. Radio Club Portuges, Parede, Portugal. (Roy Patrick).

Madrid. "La Voz de Falange" Alcalca 44, Madrid, Spain.

Deutschlandsender. Berliner Rundfunk, Charlottenburg, Masurenallee 8-14, Berlin, Germany.

Munich. Bayerischer Rundfunk, Anstalt Des Offentlichen Rechts, Munchen 2, Rundfunkplatz, Germany. (Roy Savill).

EQC. The Imperial Government of Iran, Department of Press and Propaganda, Teheran, Iran.

LKQ, LKV. Radio Norway, Oslo, Norway.

Radio Stuttgart. Office of the U.S. High Commissioner for Germany, Information Services Branch, Radio Section, APO 154, Stuttgart, Germany.

SBO, SBT, etc. Radio Sweden, Stockholm 7, Sweden.

● **ACKNOWLEDGMENTS**

The Editor and "Monitor" wish to thank all the readers who have kindly submitted items compiled in this month's Article. Your news for "Around the Broadcast Bands" is always appreciated and should be sent to "Monitor" c/o SWN 57 Maida Vale, London, W.9, England, to reach your scribe by the 27th of the month latest.

73 and Good Dx until next Month OM's.

"MONITOR" (ISWL/G282)

BROADCAST BANDS COMMENTARY

Conducted by RAY ALDRIDGE, G84

The Dx season is upon us once more and for the next six months or so we shall be occupied in trying to log those elusive stations which were missed last season. Theoretically, conditions should NOT be favourable for super Dx on the higher frequencies, but the most unpredictable things happen on the short waves—so wait and see! By the end of this month the 'seasonal' stations such as the 60 metre Indians, Gold Coast, Bangkok, etc., should be putting in an appearance. Better get those aerials fixed and the Rx hotted up in readiness, OMs. Now for the commentary:—

● Far East

Australia. VLA9 on 9580 kcs is listed by P. Allwood, who listens to this one every Saturday morning at 0600, when signals are usually S8. Phil adds that VLB15 on 15160 kcs has not been so good for the 2100 transmission. Perth, VLX on 4897 kcs at 2200—enough said, we know you are still receiving this one!

New Zealand. ZL2 on 9540 kcs has been logged by S. Coppel from 0730 to 0800 with S4 signals. The schedule is from 0700 to 1015, but jamming makes reception impossible most of the time and the half hour mentioned is usually the best time to try for this rather elusive station.

Indonesia. Arthur Cushen has sent along the following news about station changes in Indonesia.

Amdon is back on the air with the 300w transmitter on 4860 kcs YDR which replaces YDD2.

YDQ, Macassar, has moved to 3365 kcs from 5030 kcs. This former channel is now used by YDO, Bandjermasin, Borneo, which has moved up from 3380 kcs and increased power to 1 kW.

YDS at Menado, Celebes, on 9800 kcs is no longer under Military control and will shortly move to 3230 kcs.

YDG3, Madium, 4160 kcs, being outside the broadcast band, has been closed and replaced by YDG6 on 2370 kcs.

Malaya. Singapore carries English news at dictation speed from 0915 to 0930 on 17755 kcs, 15300 kcs, 11955 kcs and 9690 kcs. (A. Cushen).

Thailand. (Siam) HS8PD, The Overseas Broadcasting Station at Bangkok, sent QSL card by registered mail to S. Pearce for report sent September, 1950. Schedule is given as

1000 to 1100 (English) on 6240 kcs, and 15910 kcs with a power of 1 kW. (Congratulations on a fine piece of Dx, OM).

China. "Radio Peking", The Central Peoples Broadcasting Station, has sent letter veri to S. Pearce and give their schedule as follows: English broadcast 2200 to 2230 and 0930 to 1000 on 6100 kcs, 10260 kcs, 11690 kcs, 15060 kcs and 15170 kcs, *this latter channel being a new outlet.* The 1330 to 1400 transmission is carried by the 11690 kcs and 15060 kcs channels only. Chinese at dictation speed from 1530 to 1700 over the above channels in addition to 7500 kcs, 9040 kcs. News in Morse for Europe is given at 1500 on 8104 kcs, and for the U.S.A. at 1400 over BAB2 on 11450 kcs (*moved from 9106 kcs*).

Pakistan. General Overseas Service of Radio Pakistan gives news in English at dictation speed from 1710 to 1730 on 7010 kcs and 11726 kcs. This latter channel is usually inaudible due to heavy QRM. (S. Pearce).

India. A.I.R. Delhi is listed by S. Pearce who hears the English programme at 1500 on 11710 kcs, 15290 kcs and 17740 kcs. The evening broadcast in English is heard from 1900 to 2000 on 9720 kcs and 7170 kcs.

Portugese India. Goa on 9610 kcs has an English broadcast at 1500 entitled "Catholic Hour" which features devotions to the 'Sacred Heart' conducted by Jesuit Fathers and directed by Priests from the "Legion of John Bosco". The hymns heard in this programme are sung by "The Sacred Heart Quartet" and the "Scholastic Choir". (J. Beanoir).

● Near East

AFGHANISTAN "Radio Kabul" 9975 kcs is heard on Sundays only from 1700-1730 with 'Listeners Request Records', all announcements in English. Has also been heard with talk in English at 1650. This one is difficult to identify due to the very heavy CW QRM. (S. Pearce, C. Shapiro, W. P. Griffith).

Iraq. Baghdad on 11724 kcs has been heard testing their new high power transmitter from around 0600 with records and announcements by a man in Arabic, and by a woman in English and French. The

regular programmes are in Arabic from 1330 to 1918, though occasionally extended to 2000. Reports are requested giving full details of signal strength, quality and interference.

Lebanon. Some months ago J. Beanoir reported hearing a station on 7120 kcs approx., with the announcement "Houna Beirut". This was dismissed as not being a fundamental frequency. Now, however, S. Coppel reports reception at 1830 with Q5A4 S signals. Is this a new outlet or just second channel reception of 8036 kcs? (What is the IF of your Rx, OM?)

Cyprus. Limmasol, ZJ6M "Sharq-al-adna" on 6790 kcs was located by D. Webber at 1845 with S7 signals amid the CW QRM.

Uzbek. "Radio Tashkent" on 6825 kcs was heard by H. Clear when signing on at 0025 with a march and the announcement "Radio Tashkent" which preceded a talk in Russian. Reception at this time was better than at 1615 when the English programme is given.

● Europe

Spain. C. Shapiro has turned his attention to the numerous Spanish stations. The results of his survey are given below:—

Valladolid. 7006 kcs "F.E.T.I. Radio Falange ne Valladolid" heard at 2000 with high pitched gong interval signal.

Valencia. 7037 kcs "Radio Mediterraneo de Valencia" S9 at 2000.

Madrid. 7141 kcs "Radio S.E.U." S8 at 2000 with some QRM from "Radio Africa".

7380 kcs "La Voz de La Falange" used to be S8 around 2000 but has not been located since August.

Malaga. 7010 kcs "Radio Nacional de Espana en Malaga" S9+ around 2000. QSL card depicting Spanish Galleons received.

Alicante. 7950 kcs (varies) "Transmite Radio Falange de Alicante" strong signal during evenings but poor modulation.

Balearic Isles. Menorca on 7550 kcs is again reported by C. Shapiro who hears them at 1930 with the call "Transmite Radio Menorca" and signing off at 2130.

Switzerland. HBQ 6672 kcs, United Nations Radio in Geneva, heard with U.N. news in English at 1830 and in French at 1845 to close at 1900. (J. Beanoir).

Bulgaria. H. Clear reports a station announcing as "Radio Bulgaria" on 6860 kcs approx., at 1925 followed by a talk in some foreign language which was jammed after a few moments. This is NOT Sofia according to H.C.

Albania. "Radio Tirania" 7850 kcs noted with English news from 2115 to 2130. (P. Allwood).

Poland. Warsaw, 7200 kcs, S9 signals with English programme at 2230. (P. Allwood).

Spain. Madrid, 9353 kcs, heard with English programme at 2025. It is interesting to note that this channel is flanked by no less than five so-called Independent Spanish stations (actually located behind the Iron Curtain). The frequencies of these vary from day to day, but are approximately 5380, 9325, 9260, 9250 and 9190 kcs. (F. Baldwin).

Germany. RIAS (Radio in American Sector) 6005 kcs S9 signal with programmes in German. (S. Pearce). Frank Baldwin located this one at 0700 when they announced as Hamburg prior to giving the news in German. (S.P. gives the location as Berlin).

AFN is heard on 5470 kcs all day with strong signals, but is this a fundamental frequency?

● North America

Canada. VED, Edmonton, 8265 kcs, sends letter veri and details of transmitter to S. Pearce who hears them to close at 0700.

Greenland. Angmagssalik, 7575 kcs, was located by C. Shapiro at 2330 when signals peaked at S7. Has been heard signing on at 2130 and closing at 2358. All programmes are in the Greenlandic tongue, but the station may be identified by the announcement "God Aften her Gronlands Radio". Also reported testing on 12300 kcs and 15402 kcs.

USA. United Nations Radio may be heard at 1215 over WRUL 17750 kcs, WLWO on 15130 kcs and 21650 kcs. (S. Pearce). Complete schedules are obtainable on request to The Radio Division, Department of Public Information, United Nations, New York.

● Africa

ITALIAN SOMALILAND. An experimental station is operating from Mogodishu on a frequency of 7420 kcs from 1700-1800 hrs. All programmes are in Italian and consist of Italian music, songs and news. The transmission opens and closes with the announcement "Transmette Mogodishu..." (J. Beanoir).

Ethiopia. Addis Ababa on 9620 kcs was heard with "The Voice of the Evangelist" on Thursday, July 26th, at 1600. During September this was replaced by dramatised versions of popular topics. (J. Beanoir).

Angola. CR6AA, "Radiodifusora do Lobito", has been heard around 2030 on 7175 kcs and 5035 kcs. The Schedule is: Weekdays, 0615 to 0700, 1100 to 1300 and 1900 to 2100, in Portuguese. Sundays, 1130 to 1200 and 1900 to 2000 with programmes in Portuguese and English. (ISWL Dx Bulletin No. 21).

CR6RG. "Radio Diamang" has changed

frequency again and is now heard on 7070 kcs from 1830 to 1930.

French Equatorial Africa. "Radio Chad" on 15596 kcs is still in the news. W. P. Griffith heard them with Arabic broadcast from 0530 to 0630. This channel was formerly used by FZI, "Radio Brazzaville".

Mozambique. "Radio Clube de Mozambique" on 9860 kcs was noted recently with S9+ signals during the evening. (H. Clear).

Cape Verde Islands. CR4AA has been noted by S. Pearce and F. Baldwin on yet another new frequency—5875 kcs. At 2045 signal strength was QSA3 S5.

Union of South Africa. Johannesburg on 9870 kcs claimed the attention of H. Clear at 1800 when he listened to the English programme—with difficulty due to QRM!

● Latin America

Barbados. Bridgetown, ZNX32, on 7547 kcs was heard by most readers during the broadcast of the Turf Club race meetings on August 6th, 9th and 11th. If anyone missed this one, the next broadcast will take place around 16th November. (S. Pearce).

Dominican Republic. HI2T has been noted on a new frequency of 6070 kcs at 0200 when the call "Transmiste La Voz de Dominicana" was heard. (ISWL Dx Bulletin No. 22)—(Or was this HI1X operating on 6080 kcs which uses the slogan "La Voz de la Republica Dominicana"? R.V.A.)

Cuba. COCY, Havana, on 6450 kcs was heard closing at 0530 with English announcements. (F. Baldwin).

Costa Rica. TIGPH, San Jose, 5875 kcs was located by F. Baldwin at 2340 when a Paul Robeson programme was being broadcast and his famous rendition of "Old Man River" came over very well.

Curacao. PJCI, Willemstadt, 5010 kcs, was heard with news in Dutch at 2345 followed by Station Identification and a programme of light music (F. Baldwin).

Guatemala. TGNA, 5955 kcs, The Missionary Station, is listed by H. Clear who listens to their English programme from 0230 to 0940. Reception reports are requested.

Panama. HP5B 6030 kcs was identified by the call "Radio Miramar" at 0315 which was followed by popular Spanish songs. (C. Shapiro, S. Coppel).

Peru. OAX4J "Radio Colonial" on 9330 kcs was located by C. Shapiro at 0600 with S5 signal. Typical Latin-American musical items were heard until the station left the air at 0700 by which time signals were barely readable. Sidney Pearce reports regular reception of this one and comments on the reliable signals!

Chile. CE1190 has moved to 11940 kcs (From 11900 kcs) on which frequency it

was heard by S. Pearce at 0015 when the call "Radio La Cooperativa Vitalicia Valparaiso" was given, though not at all easy to follow.

Honduras. HRA on 5940 kcs was logged by F. Baldwin at 2335 with various recordings including "Donkey Serenade". The call "La Voz de Lempira" was given at 2345.

Venezuela. YVQE on 4900 kcs with an output of 500 watts is not a prominent station in the 60 metre band. Old Timer, Frank Baldwin, who seems to be burning the midnight oil again, was fortunate in locating this one at 0010 when local news in Spanish was noted. Double chimes are frequently heard but the call "Radio Bolivar" is so gabbled that it is impossible to understand. YVKF on 4880 kcs with the call "Ondas Populares" is an easier one to locate and identify. D. Webber heard them one night recently at 2345, and wonders why the usual English newscast was not broadcast. (I seem to remember that this is weekdays except Fridays, OM, so this may account for you not hearing same).

Uruguay. CXA13 on 6155 kcs was heard from 0220 with a classical music programme until 0230 when the call "Radio Carve Montevideo" preceded a sponsored newscast in Spanish, after which came the usual Latin rhythms until close at 0300.

Argentina. Buenos Aires, LRA on 17720 kcs, was heard from 1800 with musical programme, news and talks in English. (J. Bell).

● Gossip Corner

Our note in the August issue referring to *crystal set reception* has brought forth surprising comments from readers. F. Gough (Birmingham) submits a list which includes Budapest, Moscow, Tangiers (American Relay Base), "Radio Norway", HER4, Paris, Rome, Madrid and Leipzig, all received with moderate ease on a simple crystal set! Bob Oxley (Maidstone) decided to try his hand at QRP and wound an 18 turn coil on a cotton reel, whereupon he logged Moscow, Rome, Munich, Paris, Lisbon, and a few unidentified stations. In order to stimulate interest in this unusual short wave listening I will offer a prize for the best short wave crystal set constructed and another for the highest number of countries *verified*. All verifications must be for reception on a crystal set and must be sent direct to me to arrive not later than the 31st January, 1952. Crystal sets not being bulky affairs, they can easily be sent through the post, if well packed, and must reach me by 31st December, 1951.

Monty Preston of 15, Temperley Road, London, S.W.12, wishes to buy, borrow or exchange any back copies of foreign radio journals—any offer? (What about sending along some news, Monty, your Hallicrafters

Dual-Diversity Rx should pull in a few 'good-uns'.

● Unidentified Stations

7994 kcs. The station previously reported here by F. Baldwin is still heard around 1910 with light orchestral items.

6660 kcs (approx.). Latin-American station with cock crowing identification signal on each hour has been heard from 0100 to 0300 (H. Clear).

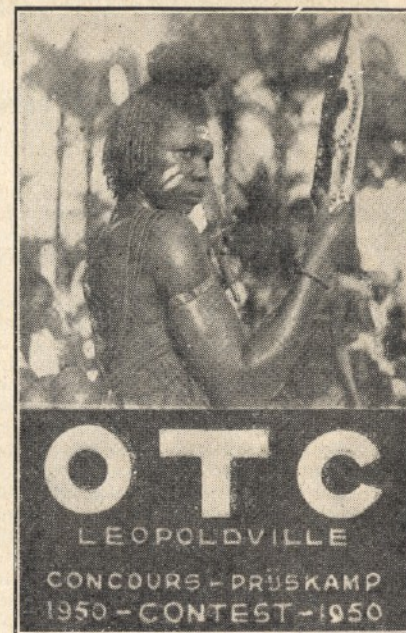
Undercover Station. It is reported that a USSR underground station (no, not the inner circle!) operates intermittently on one of the following channels at irregular intervals, **7550 kcs, 7700 kcs and 7730 kcs.** (ISWL Dx Bulletin No. 22).

If you have not already seen the ISWL Bulletins which are published fortnightly and cost 5s. 0d. post free for 24 copies, send a S.A.E. for sample copy to 57, Maida Vale, W.9.

● Honour Roll

Readers who have verifications from 30 countries or more are invited to forward their list as a claim for inclusion in the Honour Roll. If a report is not received from a reader within three months his name will be deleted from the list. *Those claiming higher listings need not forward a complete list, only the new verifications should be shown.*

1.	S. Pearce	125
2.	A. Cushen	121
3.	J. P. Burden	85
4.	R. V. Aldridge	83
5.	J. J. Oskay	79
6.	J. Fairs	78
	P. J. Vincent	
7.	R. Patrick	74
8.	H. F. Buggins	73
9.	A. Levi	70
10.	L. J. Street	69
	E. Field	
11.	C. Shapiro	65
12.	R. Savill	62
13.	M. O'Sullivan	60
14.	S. Coppel	57
15.	A. Boice	56
	A. Wilkinson	
16.	M. Milne	55
17.	D. Dary	52
	D. Webber	
18.	W. P. Griffith	51
19.	A. McWalter	50
20.	R. Thorndike	47
21.	F. Pilkington	37
	B. P. Middleton	
	R. O. Lyttle	
	R. H. Barnett	34
22.	G. Vials	
23.	H. Clear	
	J. Bell	30



CARD RECEIVED BY ENTRANTS IN THE OTC CONTEST HELD LAST YEAR.

● Q.R.A. Section

Baghdad. Iraq State Broadcasting Station, Baghdad, Iraq. (S. Pearce).

"Radio Kabul", Press Department, Kabul, Afghanistan.

● QSL's Received

Verifications received by readers over the past month:—

R. Thorndike. Radio Africa, LKV, VLB15, VLA11, VLC15, "Radio Budapest", All India Radio, CKNC.

W. P. Griffith. HER3, HJCX, XEBT, CXA10, EA9AA, Peking.

S. Pearce. VLM, VLC7, VLB9, VED, HER7, CR6RB, 4VEH, HJCX, HS8PD (This is a nice one, OM—congrats.), DZH8, Damascus, TGJB, KHRO, VLB5, Algiers, Peking.

P. White. HCJB, OTC, VLB9, Warsaw, "Radio Budapest", AIR Delhi.

● Acknowledgments

The Editor and I wish to thank all readers who have submitted items for this article. Your notes and news for next month should be addressed to:— R. V. Aldridge, "Aprillis", New Road, Amersham, Bucks., to reach me by 30th October Latest. Requests for report forms or any material intended for other departments should NOT be enclosed with your notes but sent direct to HQ or the department concerned. Thanks OMs, All the best until next month. R.V.A.

BROADCAST BANDS REVIEW

"ONDA CORTA"

All Times GMT.

"Nf"—New Frequency.

AFRICA.

Angola. David Dary starts us off this month with the "Radio Clube de Angola" at Luanda, logged on 11865 kc/s up to 2232 with Q4 S7-8 signals over there in Manhattan, Kansas. Sidney Pearce also hears this frequency at good strength to close as 2230, so it looks as if the schedule has been extended. At the time of writing they are on approx. 11855 kc/s, just on the LF side of BBC Station GSE (Scribe). The same programmes are heard during the evenings on 9632 kc/s (Pearce).

CR6RJ, "Radio Clube de Huila," at Sa da Bandeira, is now on 10050 kc/s (Nf) according to "World Radio Handbook." We had a search for this one, and found a Portuguese-speaking station on this frequency at S3-4 (hemmed in by CW QRM) around 1930; positive identification was, however, rather difficult.

Southern Rhodesia. Salisbury, on 3320 kc/s, was noted by Mick O'Sullivan, Q2 S3 at 1800 with BBC News.

Ivory Coast. A new station for Dx-ers to look for is Radio Abidjan, operating on 7210 kc/s with 1 kW output. The schedule is 0645-0730, 1215-1300 and 1900-2030; Sundays at 0715-0800, 1215-1300 and 1900-2045 (WRH). Abidjan is the capital of the colony which forms part of French West Africa.

Senegal (FWA). Charles Tenot, of "Radio-Dakar," sent along the new schedule of this station, effective as from 5th March. Many thanks, OM, pleased to hear from you, and we present your data herewith for the interest of all readers.

French Network: Weekdays at 0700-0800, 1200-1330 and 1800-2300 on 1435 kc/s (MW) and 11885 kc/s, also 1900-2000 on 15346 kc/s. Sundays at 0700-1400, 1830-2300 on 1435 and 11885 kc/s, also 1830-2000 on 15346 kc/s.

African Network: Weekdays only at 0700-0800 and 1730-1910 on 1470 kc/s (MW) and 9700 kc/s. We would like to add here, that from our own observations the 11 Mc/s outlet mentioned above still seems nearer 11895 kc/s! Sidney Pearce confirms this, and lists 11895 with good signals around 0730. "Sweden Calling Dx-ers" mentions that Radio-Dakar has discontinued the English programmes.

Sudan. WRH reports that Radio Omdurman has moved its experimental channel of 17900 to 7325 kc/s (Nf).

Ethiopia. "Radio Addis Ababa," Station ETAA on 15062 kc/s, is listed by Mick O'Sullivan with the English programme from around 1815 to sign-off at 1911. Sidney Pearce hears them near 15050 kc/s from sign-on in Amharic at 1630 to close at 1805, but with English one Saturday to 1905. "Australian Dx-ers Calling" reports "The Voice of Ethiopia" on 6422 kc/s (Nf) heard in South Africa in parallel with the regular 9624 kc/s outlet at 1800.

Tangiers. The VOA Relay Base can be heard opening at 0015 on 6100 kc/s (Nf). (Scribe).

Nigeria. Roy Patrick, now located at Oldham, Lancs., sends along another report from Fred Pilkington aboard the *MV Apapa* (sorry we got the name wrong last time!). Fred says that Radio Nigeria, Lagos, are testing on 6100 kc/s at 0500-1615 and on 4990 kc/s at 1645-2200; he has had a personal ragchew with the chief engineer, Mr. J. W. Murray, and adds that the Tx on 7255 kc/s is an old Cable and Wireless RT job which gives a great deal of trouble. This latter frequency is audible from around 1930 to close at 2215; with BBC News relay at 2000. (Pearce).

Madagascar. "Radio Tananarive" is now operating on 3205 kc/s for the French programme, in parallel with 6172 and 9515 kc/s. (WRH and Swedish Dx-ers).

Kenya. The Forces Broadcasting Service moved from Mackinnon Road to Nairobi last November. 6115 kc/s has been discontinued, and 7265 is now in use on weekdays at 0300-0500 and 0930-2000, Sundays and holidays at 0400-2000. Power is 250 watts. ("Radio Australia").

Algeria. The 6145 kc/s outlet of "Radio-Algerie," Algiers, is now used at 1830-2000 for transmissions in Kaby land Arabic, while 7280 kc/s carries the French programme at 2000-2300. (Radio Sweden and Sidney Pearce).

ASIA.

South Korea. W. Blanchard, VS1EV (ISWL/VS1-4972), sends along a fine list of Broadcast Dx heard in Singapore. He starts off with Seoul on 2510 kc/s (or should this be Pusan?) logged on one occasion around 1125 with an American commentary on the news. Pusan, 7935 kc/s, was S6 around 1345.



Mr. George Briddon of Mallock, at the controls of his R107 receiver. A converted RF24 unit is used for ten metres

Burma. QSL cards from the Burma Broadcasting Service, Rangoon, give the following schedule: 0100-0230 on 9540 kc/s, 0530-0730 on 6035 and 9540 kc/s, 1200-1515 on 4775 and 9540 kc/s; 955 kc/s MW is also used for all transmissions. English programmes are broadcast at 0115-0130, 0615-0645 and 1415-1515. (Pearce and Scribe).

Dutch New Guinea. "Radio Omroep Nieuw Guinea te Hollandia" is noted in Kansas on 7126 kc/s at 1000-1105, being Q3 S6-7 at this time, with old American tunes. (David Dary, who reports this item, says he has recently acquired a new Rx, a Hallcrafters SX-71 Double-Superhet, which, on the end of a 200' longwire antenna, certainly appears to be pulling in the Dx!).

Japan. Station JKL Yamata, 4860 kc/s, is heard regularly by W. Blanchard in Singapore, usually with S7-8 signals, carrying the Far East Network of the AFRS, from 1100 to close at 1500. Your Scribe has just received a QSL card for reception of JK13 of the FEN (6175 kc/s) for a report sent in January, 1951.

JKH Yamata, 7257 kc/s, of NHK, is often a good signal from 2030, reports Sidney Pearce; JKJ Nazaki, 7285 kc/s, can also be heard in parallel. JKI Nazaki on 4910 kc/s is frequently logged by Sidney around the same time.

China (Communist Govt.). Bert Clear reports Chungking on approx. 6150 kc/s at 2250, signing-on with the same National air as Radio Peking. Bert says the listed frequency is 6154 kc/s, but "Radio Renaissance," Lisbon, was heard at the same time. Well, OM, quite recently we have noted the Chinese station to have wandered as far as 6145 kc/s. They may be trying to dodge all the QRM!

Another Communist Tx has been found on approx. 6345 kc/s, in parallel with Shanghai (near 5990 kc/s) around 2230. (Scribe).

Taiwan (Formosa). "The Voice of Free China," Taipei, is listed by Paul Warner of Worthing, on the announced frequency of 11920 kc/s (Nf), Q5 S7 with an English programme at 1920 consisting of a talk, "Press Opinion," and music until 1950, when a French transmission commenced. Dx-ers will remember that 11800 kc/s (BED4) was originally quoted last October for this European Service, yet this was the first "heard" report received by your Scribe. (Nice work, Paul.) Acting on the above information, we found them with fair signals but suffering from severe Auto-CW QRM; a talk in English was in progress around 1930.

W. Blanchard reports two Chinese stations on 10822 kc/s (Nf) and 11350 kc/s respectively, both usually Q2-3 S7 around 1200-1300 "with the usual bad modulation." (11350 is BEC24, Kaohsiung). BED21 is reported testing on 9335 kc/s (Nf) at 0830-0915 with the call: "This is Station BED 21 on the air, testing," at 0830 and 0900. ("Australian Dx-ers Calling"). A Chinese transmission heard near 10065 kc/s from around 1330 is believed to be BEC 26, writes Sidney Pearce. (Agreed, OM). News in Chinese is heard at 1400-1410, then popular North American recordings to close at 1500.

Indonesia. The new 50 kW Philips Tx at Djakarta is not yet on the air, but should be in service in June, probably using the YDC frequency of 15150 kc/s. (Roy Patrick). Phil Allwood hears YDC with Q5 S8 signals at 1430 in English with "The Voice of Indonesia Calling South East Asia"; news is read at 1445.

The English programme in the European Service from Djakarta is now heard at good strength at 1900 over YD57 (11770 kc/s) in place of the winter outlet, YDF6 (9585 kc/s). YDC is still in parallel for New Zealand. (Scribe).

Saudi Arabia. Djeddah, on 11920 kc/s, signs-on at 1605 with the National Anthem and Arabic programme. (Bert Clear).

Afghanistan. Radio Kabul, 9975 kc/s, is heard well from sign-on in English around 1617, followed by News and recordings. It closes at 1650 on Sundays, but just after 1630 other days. (Pearce).

India. The AIR European Service in English from Delhi at 1900-2015 is now carried by 9720 kc/s (in place of 7190). 5990 and 7170 kc/s remain in parallel, at present unaltered.

Vietnam (Indo-China). "Radio France-Asie" at Saigon is now heard on the latest frequency, 11924 kc/s, with a bilingual programme (French/English) from around 1445 to close after French News bulletin at 1530, and up to 1600 on Saturdays. (Sidney Pearce and Scribe). A French programme is also reported by Sidney on 6116 kc/s with strong signals from 2300; this outlet has French News at 2315, in parallel with 7230 kc/s, and News in Chinese at 2345. 6116 kc/s has News in English at 0001; S7-8 at this time. (Scribe).

Turkey. A station located at Smyrna, "Burasi Ismir Radyosu," is mentioned by "Sweden Calling Dx-ers" to be operating on 6500 and 6520 kc/s. Approximate times of transmission are 1745-2045.

EUROPE.

Finland. The Finnish Broadcasting Corporation (Suomen Yleisradio) in Helsinki, now has an English news and Press Review at 1215 on 9555, 15190 and 17800 kc/s, followed by News in French at 1250 on the same frequencies. This news comes from Kalevi Ant-Wuorinen of Helsinki; tnx for your letter, Kalevi—you will find your name in the Honour Roll in next month's revision of same, though regret we must deduct Saarbrücken and Trieste, as these two are Medium-Wave stations. (Over 2000 kc/s for the HR, all you Medium-Wave listeners!).

Germany (US Zone). The 350-watt AFN Tx at Giessen on 5470 kc/s is audible as far as Singapore, says W. Blanchard, who hears them around 1830 but the CW QRM is pretty rough.

Switzerland. Ian Hardwick heard the January test transmissions of the Red Cross Radio in Geneva on 7210 kc/s, with fair signals in New Zealand at 0600-0700.

Sweden. The South Asian Service of "Radio Sweden" on 9535 kc/s has been logged with Q4 S9 signals by W. Blanchard with English up to 1415, and Ian Hardwick lists the same transmission with fair signals in New Zealand, so it appears that their 100 kW beams are really "going places."

Spain. A new station operating on 7148 kc/s is "Radio Juventud de Caraquez," which is reported by Swedish Dx-ers signing-off at 2210.

Yugoslavia. "Radio Yugoslavia," Belgrade, is now using no less than five new frequencies, i.e., 6150, 7200, 7240, 9620 and 11895 kc/s. 11735 kc/s has also been brought into operation again. Sidney Pearce reports News in English over 11895 kc/s at 0715-0730, with S8 signals, and other English Newscasts are at 1630-1645 over 7240 kc/s, and at 1900-1950 on 7200 kc/s. All present transmissions are with 10 kW power, but a new 100 kW Tx is under construction and might be in service by May 1st. (OTC Dx-Prog.).

PACIFIC.

Philippines. DZ13 Manila, 6110 kc/s, commences its "Radio Free Asia" programme at 1330, but is swamped by Moscow at 1400 on the same frequency. (Ian Hardwick). Sidney Pearce has received their letter verification which gives the call as DZ14, and the schedule as 1215-1410, all in Chinese dialects but English at 1345-1410.

Phil Allwood lists DZH8 of the Far East Broadcasting Company, Manila, Q4 S5 on 15300 kc/s; "Letters from Listeners" in English is on the air at 1245 Sundays, and "Music and Meditation" at 1330.

John Bell, of Stirling, Scotland, says the "Radio Amateurs' Programme" can usually be heard over the VOA Relay Station at Manila on 11890 kc/s at 1445 on Sundays. The 6125 kc/s channel of this latter station was Q5 S7-8 with English to 2230. (Scribe).

NORTH AND CENTRAL AMERICA.

Canada. Ian Hardwick says some very fine signals have been reaching New Zealand from the North American direction, and he gives full marks to CBC Station CKNA (5970 kc/s), heard with excellent signals during the regular Sunday and Wednesday transmissions commencing at 0845. He also hears VED Edmonton on 7320 kc/s around 0630 to close at 0705.

United States. The AFRS evening programmes for Europe are over 15230 and 17760 kc/s (at 1800-2245) and 11890 kc/s (at 1815-2245). WRUL, Boston, 15350 kc/s has "Bringing Christ to the Nations" on Sundays at 2000. (Bert Clear).

Trinidad. Roy Patrick passes along the news that "Radio Trinidad," Port-of-Spain, is installing new equipment, and that during the next few months there will be some changes in both power and frequencies. Port-of-Spain, on the West coast of the island, is one of the finest towns of the West Indies, having two cathedrals and the

Governor's residence situated in the famous botanical gardens.

Barbados. Frank Grist, of Rhymney, Mon., heard Cable and Wireless Station ZNX32 at Bridgetown on 7547 kc/s, during one of its infrequent broadcasts. This was on March 8th when a race meeting commentary was in progress to close at 2215; signals were Q4 S7-8.

Guatemala. TGWA, "La Voz de Guatemala," 15170 kc/s, is logged by John Bell with good signals from 2100 to 2230.

Honduras Republic. Station HROW, "Radio Monserrat," Tegucigalpa, 6675 kc/s, is listed by David Dary with Q5 S9-plus signals around 0300 in Kansas. David adds that HROW was founded on May 22, 1949; schedule is 1230-0400 on 850 kc/s (MW), 6020 and 6675 kc/s. The station is owned by Sr. Alfredo Gomez, and employs Western Electric transmitters.

SOUTH AMERICA.

Ecuador. Vernon Heron, of Stalybridge, Cheshire, has been hearing HCJB, "La Voz de los Andes," Quito, on 15115 kc/s at 2000 and 12455 kc/s around 2200. The latter outlet was noted Q5 S7 at 1215 in Singapore, while 9970 kc/s was Q5 S5 around the same time. (W. Blanchard).

Colombia. Station HJFK, "La Voz Amiga," at Pereira, on 6095 kc/s is included in Bert Clear's report this month, with Q4 S5 signals and the usual Latin-American dance music from around 2300.

Argentina. LRX1, Buenos Aires, 6120 kc/s: Q5 S9 at 2345 onwards with "Noches Romantica," featuring the "Radio el Mundo" Orchestra. At 0008 came the call: "Radio el Mundo, LRI onda larga, LRX y LRX1 onda corta, de La Circuito Blanco de Buenos Aires..." (Scribe).

Brazil. A new station located in Araraquara (State of Sao Paulo) is "Radio Araraquara" on 2480 kc/s with 500 watts power. Schedule: 0900-0030. QTH: Avenida Espanha 284, Araraquara. (WRH). ZYK3, Recife, 9565 kc/s, was found to be S9 at 0015 with its regular weekday English programme, "Brazil Calling." (Frank Grist).

ZYY9, "Radio Timbira," Sao Luiz, 4975 kc/s: Q4-5 S7 (without the usual CW QRM) at 2300. Typical Brazilian music was heard, plus the inevitable "commercials." (Scribe).

Chile. CE1173, "Radio Sociedad Nacional de Minería," Santiago, 11730 kc/s, is heard with strong signals from around 2245 but with QRM from "Radio Nederland" before 2310. (Pearce).

Venezuela. Station YVOI Valera, 4840 kc/s, is heard around 0030 with the identification: "Transmite Radio Valera"; also YVOA, "La Voz del Tachira," in San

Christobal, 4830 kc/s, logged at about the same time. (Roy Patrick).

Station YVQV, "La Voz de los Pueblos, Radio Carupano," is a new one using 3320 kc/s and relaying YVQP on MW. (Swedish Dx-ers).

QSL'S RECEIVED.

Being verifications received by readers during the past two months.

Roy Woodcock (Leicester). OLR2D (6170), CKCS (15320), Athens (11718), LLG (9610), OTC2 (9745), Madrid (9365), OIX2 (9555), Rome and VOA. (Rx: Home-built SH8).

John Bell (Stirling). Cairo (9555), Sofia (6070), VOA Manila (11890), VOA Tangier (6060), Belgrade (6100) and Damascus (11915). (Rx: Mullard MAS12).

Ian Hardwick (Thames Line, NZ). APL2 Lahore (6075), Horby (6095 tests), Warsaw (6115, 6220), Damascus (6165, 9555, 11915), Tashkent (6825), Athens (7300), TAT (9515), WRCA (9560), TGNA (9668/11850), CHLR (9710), Baghdad (11724), Moscow (11720/11750/11780/15410), JBD4 (15235), VUD3 (17760) and DZH9 (11855—first report).

Bert Clear (Sutton). FZI (11970), Belgrade (6100) and Lisbon (6360).

Sidney Pearce (Berkhamsted). FIQA Tananarive (9515), COBL, Tashkent, Peking, Warsaw (7205), ZOY Accra, Salisbury (3320), TGNA, Tabriz (6090), CHLR, CKRZ, Radio-Dakar, Horby (6095/9535), Radio France-Asie (9754), YVKK, YVMM, "La Voz de la Falange" Madrid, CXA19, HC4EB, DZH8, DZ14, Lagos (7255), Rangoon, LRX, Radio-Moroc, and Tangiers (6110). (Rx: Hallcrafters "Sky Champion").

D. M. Drake (Cambridge). OTC (9745), HER2 (6055) and Sofia (6070).

A. P. Day (Cambridge). Budapest (9833) and HER2 (6055).

Manfred Lepple (Stuttgart). ZYK3, "Radio Internacional" Tangier, Prague, ZL2, Ponta Delgado, Cairo and VOA.

Mick O'Sullivan (West Hartlepool). ZFY (5981), ZOY (4915), ZBW3 (9525), ZL2 (5940), VQ7LO (4855), Salisbury (3320), Lagos (7255), Baghdad (11724), Cairo (7865), TAU (15160), TAV (17820), CR7BV (4820), VOA Tangiers (21690), Tashkent (6825), Moscow (15360), Tirana (7853), Rome (21590), BDN Salzburg (5080), SBD2 (10780), RIAS Berlin (6005), Valencia (7037), Goa (9610), JK12 (9655), WGeo (17760), CE1515 (15150), OAX4Z (5890), PRN9 (9290), Sofia (6070), Horby (6095), Cadiz (7200), Warsaw (7205), Athens (7300), Mogadishu (7400), Rangoon (9540), Cairo (9715), CXA19 (11835) and Moscow (17830). (Rx: 1155. Very nice collection, OM!).

Phil Allwood (Minsterley). ZFY, Horby (11880), LLK (11850), Belgrade (9505), Athens (7300) and HVJ (9646). (Rx: 740).

Ronald Thorndike (Kenton), ZFY (5981), Sofia (6070).

Roy Patrick (Oldham). Horby, Tromso (7210), Tashkent, Leipzig and two MW stations: Seville (773) and Zagreb (1133 kc/s).

W. Blanchard (Singapore). ZBW3 (9525), ZL2 (9540), LKV (15170), no less than 25 BBC Stations (!) and four MW BBC frequencies: Light (1214), West (1052), Midland (1088) and Northern Ireland (1151). Vy fb, OM. It's surprising how far the "Home" programmes can travel!

Tony Rigby (Mellorbrook). WRUL, Dakar, Brazzaville, VLA11, VLB9, VLB11, HCJB Quito, BFEBS Singapore, TAP, Madrid, Buenos Aires, Radio Sweden, Oslo, ZL2 and HVJ. (Rx: 1155B).

Dr. J. Kyle (Portstewart, N. Ireland). Monte Carlo, ZBW3, Rome (9570), CXA19, Omdurman, Belgrade, Lusaka (3914), COCQ, RIAS Berlin, PZC, CSA92, CSB51 (12865).

Stanley Coppel (Belfast). Damascus, CR6RB, HVJ and ZFY.

CONCLUSION.

Your Broadcast News for next month will be appreciated, and should be sent to "Onda Corta," c/o "The Radio Amateur," to arrive before the 24th May. The Honour Roll will be included in these pages next month—stations QSL'd must be Broadcasters and Short Wave ones *only*, and we start at 30 Countries.

The Editor and "Onda Corta" thank all readers who sent along the items used in this column, and we regret that much has had to be omitted due to space restrictions.

73 and best Dx to you all till next month. "Onda Corta."

NEW OPERATING AWARD.

THE "OZ CROSS COUNTRY AWARD."

1. To mark its 25th Jubilee, the Danish National Society, the EDR, has instituted an award, to be known as the "OZ Cross Country Award" (OZ CCA).

2. The award, which is available to licensed amateurs of all countries, is based on contacts with the 25 "Amts" or Districts into which Denmark is divided. A list of these Amts, with their reference numbers, is given below. (Note that the Faroe Is. and Greenland are included in the twenty-five districts.)

3. On each of the following Amateur Bands, 3.5, 7, 14 and 28 Mc/s, one point will be scored for each Amt contacted, while two points per contact are allowed on 144 Mc/s.

Either Phone or CW may be used, but Phone/CW or cross-band working is not allowed.

4. For amateurs outside Denmark, the award is divided into three classes. A certificate is awarded for each class.

Class III. Requires proof of contact with at least 15 Amts, with a score of 50 points.

Class II. Requires contact with 20 Amts and a score of 60 points. It is issued to holders of the Class III Award.

Class I. The "OZ CCA" First-Class Award is available to holders of Class II, who submit additional proof, confirming contact with all twenty-five Amts and a score of 70 points. Successful applicants receive also the EDR Memory Plaque.

5. All contacts made after August 1st, 1947, are allowed to count towards the awards.

6. Applications, which must include QSL's or written proof of contact, together with a list, showing the stations worked, band used, date and whether CW or Phone, should be sent to:—

The Contest Committee, EDR,
c/o B. Petersen, OZ2NU,
Himmerlandsgade,
1/3, Aalborg,
Denmark.

7. To cover postal expenses on the certificates and returned QSL cards, International Reply Coupons should be enclosed.

For "OZ CCA." Cl. III—5 1R Coupons.

For Do. Cl. II —2 Do.

For Do. Cl. I —1 Do.

All entries will be examined by the EDR Contest Committee, whose decision will be final.

List of Danish Amts (Districts) with Index Letters.

District	Index	District	Index
København	.. A	Aabenraa	.. N
Frederiksborg	.. B	Svendborg	.. O
Holbaek	.. C	Hjørring	.. P
Haderslev	.. D	Skanderborg	.. R
Sorø	.. E	Thisted	.. S
Faroe Is.	.. F	Viborg	.. T
Greenland	.. G	Aalborg	.. U
Praestø	.. H	Randers	.. V
Bornholms	.. I	Aarhus	.. X
København (Town)	.. K	Vehle	.. Y
Maribo	.. L	Ribe	.. Z
Odense	.. M	Tønder	.. AE
		Ringkøbing	.. OE

BROADCAST BANDS REVIEW

by JACK FAIRS

All Times G.M.T. "Nf"—New Frequency.

We have received a large number of reports listing Medium Wave Dx these past few months, and admit that such reception has been quite outstanding this "season"; our only regret is that the line has had to be drawn somewhere, as it would have virtually required another article to include all items mentioned! Please accept our apologies for apparently ignoring all this MW Dx, but coverage of the higher frequencies has priority demand on the available space, and another interesting month is now behind us. Let's see what we have this time.

EUROPE

Belgium. Our indefatigable reporter Sidney Pearce starts us off with the Belgian National Broadcasting Service, heard as follows. ORU3, 17860 kcs, from sign-on at 1000 in Dutch and English for the Far East; at 1100 a transmission in French and Dutch for the Belgian Congo commences over ORU3, 17860 kcs, and ORU4, 21510 kcs, which are joined by ORU5, 11850 kcs at 1200-1300.

Monaco. The call-signs for "Radio Monte Carlo" are 3AM2 on 1466 kcs MW (120 kW), 3AM3 on 6035 kcs (30 kW), and 3AM4 on 7349 kcs (30 kW), according to QSL's received by Roy Patrick of Oldham and Ian Hardwick of Thames Line, New Zealand.

England. Latest BBC frequencies are Mcs 7110 kcs, MCP 9735 kcs and MCR 9760 kcs. (BBC via New Zealand Dx Times.)

Republic of Ireland. Ian Hardwick has got a verification from "Radio Eireann," for reception on 9595 kcs, which is very nice going indeed! This part of the world always seemed to be well within the "skip zone" as far as the SW transmissions were concerned, and now we learn that it will be some considerable time before they are resumed.

AFRICA

Cape Verde Islands. CR4AA "Radio Clube de Cabo Verde," Praia, has been heard on the 7132 kcs channel (ex-7112) in the evenings to close with "A Portuguesa" at 2200; there is bad QRM from MCM on the announced 42.05 m, Moscow and at times, Russian jamming noise-spread. (Pearce.)

Seychelles. A 100-watt station located at the capital of the Islands, Victoria, is operated on 5770 kcs by the Education Department under the technical control of Cable and Wireless Ltd. Programmes are in English and French at 1400-1500 on Sundays, and 1500-1600 on Wednesdays. (NZ Dx Times.)

Angola. CR6RL of the "Radio Clube de Angolo" at Luanda has moved down 4 kcs, and is now near 7138, just on the HF side of "Radio Merida" (7142 kcs), and heard well around 2000. (Sidney Pearce.)

CR6AA "Radiodifusora do Lobito," Lobito, is now reported on 7042 kcs (Nf) at 0515-0600, 1800-2130.

Gold Coast. The 4780 kcs channel of ZOY Accra, mentioned in the March "Review" was probably occasional or experimental and Robert Mercier, Juvisy-sur-Orge, France, hears them at present on the old 4915 kcs frequency to sign-off at 1830.

Egypt. Four 100-kW SW transmitters have been under construction for the purposes of beaming programmes to Asia, North and South America and Europe. One of these is already on the air on 9750 kcs (as mentioned last month), and 6085 kcs (Nf), according to *World Radio Handbook*.

Nigeria. Sidney Pearce sends along the current schedule of the Nigerian Broadcasting System, Lagos. This is the same as that included in our March issue, with the exception of the 1600-2000 period on 4 Mcs, which is now broadcast on 4800 kcs instead of 4975. Sidney hears this 4800 kcs channel at quite good level from 1800, at which time they have the BBC news relay.

Belgian Congo. OQ2AC "Radio College," Elisabethville, has verified an Australian Dixer's report, including the schedule as 0700-0900 and 1630-1730 on 3390, 4980 and 7200 kcs; all transmitters are of 250 watts output. English identification is given when signing-off by one of the schoolboys.

NEAR EAST

Iran. EQC "Radio Teheran" on 9680 kcs is reported by V. Crump, Birmingham, with good signals but severe QRM. English news was noted at 2000, Russian at 2015 and close-down at 2030. (Watch out for the usual return to EPB, 15100 kcs, by the time this appears in print. Scribe.)

ASIA

Japan. Bill Griffith, Ashtead, Surrey, has been logging the Far East network with AFRS programmes to close at 0830, over JK16 on 11825 kcs; on Sundays there is QRM from ZYK32 Recife, on the same frequency.

Portuguese India. Sidney Pearce is hearing "Radio Goa," 9610 kcs, to sign-off at 1730, despite sending him their schedule which states the Commercial Service ends at 1630. During this extra hour they present varied light music with vocals, and announcements are in some Indian dialect. (Perhaps this last hour is actually the "non-Commercial" service! Scribe.)

North Borneo. "Radio Sabah" at Jesselton is on the air with a 250-watt transmitter at 0400-0445 on weekdays, using 7237 kcs.

THE RADIO AMATEUR

(W.R.H.) As a matter of interest, we were rather surprised to find that an old station list quotes this frequency for Jesselton, and gives the call-sign as VS4S.

Sarawak. This British colony is expected to have a radio station of its own by the end of the year. (W.R.H.)

India. "All India Radio," New Delhi has replaced the English service to Europe at 1945-2045 by a new broadcast at 0730-0830 daily. At first, 15160 and 17705 kcs were used, the former being replaced later by 15380 kcs. ("Sweden Calling Dxers.") We were wondering what had become of this transmission, and had vainly searched the bands for it around 1945! Sidney Pearce hears this programme on 17740 kcs, and adds that they also announce 15380; the broadcast for South east Asia in English at 1330-1445 is now on 11850 and 15380 kcs, while the Arabic programme is now heard on 4860 kcs to close at 1900.

VUB2 Bombay on 7240 kcs is audible with weak signals in New Zealand, when carrying the AIR Home service to close at 1730. (Ian Hardwick.)

Ceylon. We had another "look" for "Radio Ceylon" on 15230 kcs, and found them this time! This frequency is used for relaying "Voice of America" programmes at 1230-1330 to India and Pakistan.

Roy Patrick has discovered Colombo on 9570 kcs (Nf) at 1645 with light music, call at 1700: "This is Colombo," and another VOA relay to close at 1730 without any further announcements.

Indonesia. "The Voice of Indonesia," Djakarta, has a good signal on 9710 kcs with the English broadcast for Europe at 1900-2000; they say 11785 kcs is in parallel, but is actually heard on 11770 kcs. (Pearce.)

Indo-China (Vietnam.) Although still announced as 9750 kcs, the French transmission of "Radio France-Asie," Saigon, was heard during March on 9735 kcs, (probably to avoid Cairo), to close at 1530 after a French news bulletin. The channel re-opens at 1535 with "La Marseillaise" and continues in French to 1600, then in English for Europe until eventually signing-off at 1630. (Pearce.) In a "late flash," Sidney reports another move, and Saigon is now nearer 9745 kcs.

Pakistan. The English news at 1515-1530 from "Radio Pakistan" is a strong signal on 9484 kcs; the dictation-speed news at 1710-1730 is still on 6235 and 7010 kcs. The Indonesian programme at 1130-1215 is unchanged on 15270 kcs, but 11674 has been dropped in favour of 17770 kcs. (Pearce.)

PACIFIC

Fiji Islands. "Radio Suva," Suva, has been testing on 5995, 6005, 6130, 7195 and 9535 kcs; the schedule is now known to be 0000-0200 and 0530-1000 daily, these being relays of ZJV on

930 kcs MW. Additional broadcasts at 1900-2100 are also reported this month, and frequencies to watch for include 11895 and 15160 kcs, as these were used during the tests of 1942 by VPD2. The output is, however, only 500 watts. ("Sweden Calling Dxers," W.R.H. and N.Z. Dx Times.)

Ian Hardwick has heard them on the first three frequencies mentioned above, 6130 kcs being the best channel in New Zealand, as Noumea on 6000 kcs caused some QRM to the others. (We wish we could hear some QRM from Noumea! Scribe.)

Australia. The latest schedule of "Radio Australia" includes the following alterations. Programmes to the British Isles and Europe are over VLB11 (11760 kcs, which is taken by VLA11 on Saturdays) at 0645-0815; VLA9 (9580 kcs) at 0659-0815 weekdays; VLA15 (15320 kcs) at 0650-0815 Sundays for the Forces in Malta; VLA7 (7220 kcs) at 1800-2000 Sundays to Thursdays; VLC11 (11760 kcs) at 1800-2300; and VLA11 (11740 kcs) at 2000-2300. "Australian Dxers Calling" is now on Sundays at 0745 on 11760, 15320 and 17840 kcs, and at 1330 on 11840 kcs to the East coast of North America. ("Radio Australia," Sidney Pearce and W.R.H.)

NORTH AND CENTRAL AMERICA

United States. A new call-sign for the "Voice of America" programmes is WDSI, announcing as at Brentwood, N.Y.; it appears to have replaced WABC, as it is, in most cases, working on the old WABC frequencies. WDSI is officially listed on 6120, 6170, 6175, 9530, 9615, 9650, 11790, 11870 (testing), 15270, 17830 and 21570 kcs. Alex Mackenzie is now located at Carlisle, and was the first reporter to mention WDSI, but we cannot find any mention of frequency, OM! Hope you have now settled down at your new QTH, Alex.

"Radio Boston, The Voice of Freedom" now uses 11740 (WRUL4) and 15280 kcs (WRUL1) at 2015-2115 for the European programme, which, incidentally, includes a very interesting feature "Hawaii Calls" at 2015 Wednesdays. (Pearce and Patrick.)

The VOA Floating Relay Base *Courier* is now using 11805 kcs (Nf) at 1330-1515, and 9685 kcs (Nf) at 1330-1615 daily, in addition to 6015 kcs (1630-2215, 2230-0345) and 7200 kcs (1530-2215, 2230-0345). Ian Hardwick asks about the *Courier* for country-scoring. Well, the *Courier* is a U.S. Coast Guard cutter flying the U.S. flag, and the ruling must surely be that it counts as the United States, no matter what its location may be; sorry Ian! See the "Review" for June 1952. Other floating relay stations are planned by the VOA, and the chances are, that at certain times, their exact locations may not be disclosed, and then where are we? Hi.

Mexico. A new station, located in Ciudad

General Aleman in the state of Vera Cruz, has the call-sign XEQ14A and operates on 6750 kcs; sign-off is about 0300. (W.R.H.) XEBR "Radiodifusora de Sonora," Hermosillo, 11820 kcs, has been heard in the U.S.A. with good signals around 1610, according to *Universalite*, bulletin of the Universal Radio Dx Club of California.

Jamaica. John Simpson and Roy Patrick have dug up "Radio Jamaica" out of the CW on 3305 kcs (Nf), instead of the previous 3360 channel; the times were 2245 to around 2330. The BBC news is relayed at 2300.

Honduras Republic. HRA "La Voz de Lempira," Tegucigalpa, is now heard on a measured 9047 kcs. (URDXC.)

Cuba. COCY "Radio Habana Cuba, Cadena Azul," Havana, on 6450 and 11740 kcs, has a Latin-American musical programme in English at 0530-0700 daily. Comments on the broadcasts and musical requests should be sent to RHC Box 770, Havana. (Ian Hardwick.)

Haiti. We take much pleasure in accepting Robert Mercier of Juvisy-sur-Orge, France, as our specialist observer for this country! Robert comes up with an entirely new one this month: Station 4VGF "Radio Independance" at Les Gonaives. Note: "Independance" is correct—they spell it with an "a" in French, and Les Gonaives is pronounced "lay-go-nah-iv." This station is heard by Robert until close at 0115 on the announced frequency of 6340 kcs. 4VGF was noted for the first time on March 13th, but auto-CW QRM was very troublesome, and identity was established on the 21st and 22nd of that month. All programmes are in French, with news at 0000-0015, and the musical items are mainly of Latin-American origin.

Robert also lists 4VWA "Radio Citadelle," Cap Haitien, on 6301 kcs, and heard regularly from as early as 2200 with fair and clear signals but subject to some spasmodic and heavy CW QRM. The complete identification is "Ici Radio Citadelle, Poste 4VWA, à Cap Haitien, capitale touristique de la Republique d'Haiti, Grandes Antilles." All transmissions are again in the French language, with news at 2300. (U.S. Dxs reported 4VWA on a varying 6238 kcs during February, Robert, with very bad modulation on that channel, so that ties up with your theories. They must have improved their quality when they moved.) We had a try for 4VWA, and even your Scribe can hear this one! The call was noted at 2400 and the level about S4-5.

Station 4VEH, Cap Haitien, is still testing various frequencies in the 31-mb. These have been 9655, 9686 and 9710 kcs, and other channels will be tried until a satisfactory one is found. (W.R.H.) Sidney Pearce has just got their QSL card for 9667 kcs. (Don't forget the IRC when reporting to 4VEH. Scribe.)

4VPL at Petionville is now heard on 5902 kcs (Nf) in Indianapolis. (Marvin E. Robbins.) 4VHW "Radio Haiti," Port-au-Prince, is noted on a varying 5842 kcs, with stronger signals than 4VPL. (Robbins.) The other outlet of "Radio Haiti," 4VRW on 10070 kcs, is very strong around 2000 (Pearce) and has been Q5 S8 at 2215 (Griffith.)

4VCP "La Voix du Nord," Cap Haitien, has now moved up 5 kcs and is on 6388 (Nf). The modulation is still very poor. (Robbins.) Bill Griffith has logged this one at 2230 when he listened to Schubert's "Unfinished," followed by the news in French at 2245-2255. And that's just about enough news from Haiti for this month!

Guatemala. TGZA "Radio Oriental de Zacapa," Zacapa, has been found on 6675 kcs (Nf), only audible after HROW (Tegucigalpa) signs-off. (URDXC.) TGAZ "Radio Continental" in Guatemala City on 6150 kcs has been logged in New Jersey around 0300. (URDXC.)

TG2 Guatemala City, 6620 kcs, was heard to announce as "Radio Morse, TGI y TG2 en Guatemala;" best reception is around 0300. (Marvin Robbins.)

Costa Rica. A new station has appeared on 6008 kcs in the shape of "Radio Cristal" at San José. Strength is good, but the xtal is necessary, and it has been heard around 0130-0300. The announcement is "Emisoras de Radio Cristal en San José," and the call-letters seem to be TIHV for MW and TIHVC for SW, with the address given as Apartado 349. North and Latin-American music is featured with sponsored items for Hallicrafters, RCA Victor and others. (Robert Mercier.)

Another new Costa Rican at San José has been discovered on 6502 kcs between 0100 and 0430; the call sounds like "Radio Excelsior en San José, Costa Rica, Centroamérica." (Robbins.) Any further news about these two stations, from either side of the Atlantic, would be welcome.

SOUTH AMERICA

French Guiana. "Radio Cayenne" is still on 6198 kcs, but is now on the air at 2230-2330 daily. (Mercier.) Has been logged by Ivor J. Street, Worcester, to sign-off at 2330.

Peru. OAX4B "Radio Azul," Cerro de Pasco, is reported by URDXC to have moved from 6526 to 6560 kcs; this is listed by WRH on 6170 kcs—see the March "Review." Query: we thought OAX4C at Callao was the station on 6560 kcs, as mentioned in our January issue!

OAX6E "Radio Continental" at Arequipa has returned to the old 6335 kcs frequency from 6305; had "Diario de Radio Continental"—news in Spanish—at 0115. (Mercier.)

Chile. Station CEZ7C "Radio Yungay," Santiago on 7660 kcs has been heard in New

Zealand featuring dance music until as late as 0700 (0300 local time) on Sundays. CE1173 "Radio Sociedad Nacional de Minería," Santiago, is now on 11945 kcs (Nf) and held to sign-off at 0400, or, on occasions, 0440. CE1190 "Radio La Cooperativa Vitalicia" at Valparaiso has moved again, and was last noted on 11925 kcs (Nf). These three items come from Arthur Cushen of Invercargill.

CE1174 "Radio Nuevo Mundo," Santiago, 11740 kcs; S7-8 with news at 2300-2315. (Bill Griffith.) CE960 "Radio La Americana," Santiago, 9595 kcs; good signals around 2300. (Sidney Pearce.)

Colombia. HJEQ "La Voz de Cauca" at Papayan on 4915 kcs, and HJFR "Ondas de Ibagué" at Ibagué on 4935 kcs, are both new stations listed by URDXC.

Paraguay. "ZP3 y ZPA3 Radio Teleco en Asuncion, Republica del Paraguay" is the call heard on 11853 kcs, when ZPA3 opens at 2200; strength is fair and the channel clear. (Mercier.) ZPA5 "Radio Encarnacion," Encarnacion, 11950 kcs; Q4-5 S7 at 2230 with a news relay from "Radio Belgarno," Buenos Aires. (Scribe.)

Ecuador. A new station in Quito has been found on 6830 kcs by Marvin Robbins, with fairly good signals around 0100; the slogan appears to be "Radio Comercial." HC4EB "Radio Manta" at Manta on 6870 kcs is audible around 0315 at fair level but bad QRM at times; another Ecuadorean on a varying 7254-58 kcs announces as "Radiodifusora Cenit, Manta," and is heard around 0030-0100 at S7-8 level but severe distortion. This one seems to close at about 0400, and may be HC4DC, listed on 7300 kcs. (Robbins.)

HC1AC "La Voz de la Democracia," Quito, has verified Robert Mercier's report on the 9557 kcs channel, and say that this frequency was only "occasional." HC1AC is now back in the 49-mb, but 6210 kcs has been abandoned, and they should now be on 6060 kcs, though Robert has found them several times after 2300 on a varying 6070 kcs (Nf.)

Brazil. Bill Griffith reports a Brazilian station on 11735 kcs, heard around 2200, when the call "Emissora Continental" was noted. Bill says this is presumably PRD22 at Rio de Janeiro, as mentioned in the March issue, but the call was then quoted as "Radio Cruzeiro do Sul," PRD21 on 6195 kcs being "Emissora Continental" at Niteroi. The latter station is reported by Sidney Pearce with quite strong signals from 2300 as a background to BBC station GRN, and its identity is also confirmed by reports from the U.S.A.

CONCLUSION

The Honour Roll of countries verified will appear next month. This is for SW broadcast

stations only and is open to anyone and everyone who has 30 or more countries verified. We humbly make only one stipulation, which is that claims for inclusion will not be accepted unless accompanied (at least occasionally) by a few items of listening interest. It has been decided that this little "regulation" is really necessary and, it must be admitted, is not much to ask... an SWL who has 30 or more countries verified to his credit has done quite a lot of listening, and must surely be able to include at least one or two items that would be of interest and assistance to those who have not yet reached our "starting figure." (We have yet to discover any such helpful information in a report of the type that reads: "Hav'n't heard anything worth mentioning this month, OM. Please increase my HR score by nine... etc., etc.!")

Several listeners regularly ask us for news about particular stations they wish to hear, and we certainly have no objections to this whatsoever, provided an SAE is included, as this saves a lot of time at this end. We always try to reply (if we know the answer!) within a few days at the most. Everyone likes a little co-operation in return, but unhappily, in a few instances, it has regularly been "one way traffic" for some considerable time. We respectfully request our constant and willing "supporters," whose names regularly appear in these pages, to ignore the above comments, as they do not, for obvious reasons, apply!

The editor and your Scribe thank all readers and Dx editors overseas who sent along items included in these pages, and all contributions are duly acknowledged. Re-publication of any information should be credited to "The Radio Amateur." Material for the July issue should be addressed to: J. Fairs, 2a Durham Road, Redcar, Yorkshire, and must arrive before May 27th.

The very best of DX to everyone, and 73 until next month.

USEFUL FOR FIELD DAYS

Multicore Solders Ltd., have recently produced a very useful type of solder, viz., their Tape Solder. This is unique in that it melts with the heat from a match. No soldering iron is necessary and it contains its own flux; this type of solder being therefore, most useful for including in one's kit when going portable. To solder two wires together, they are first of all of course, cleaned, then twisted together and then wrapped round with the solder tape. A match flame is then held so that the heat melts the solder and completes the joint. Sheet metal can be similarly soldered. It can be obtained through your usual dealers in 1s. packs.