

BRANCH NEWS....compiled by the Editor.

Before giving you the actual details of Branch meetings, etc, I would like to take this opportunity of thanking the South Australian Branch for the warm hospitality extended to me on my recent "flying" trip over there, and in particular to John Ross and his parents for making available a "sleeping space" for a couple of nights. Thanks also to Chris Martin and his parents of Croydon, NSW, for having me at their home over the New Year Weekend. It was all so much of a big rush and tear around but it was well worth it (and the money!) Some news...

SOUTH AUSTRALIA.

From South Australian Branch Secretary John Ross, a report of the meeting held on Friday December 30th. Present were Barry Riddiford, Tony Wege, Robert Wilson, John Ross (host), and from across the borders, Brian Lane (NSW), Bob Padula (Vic), and Jerome van der Linden (NSW). Meeting held at 29 Park Terrace, Plympton Park, commencing at 1000 GMT. Business consisted of discussion on the proposed general Club format and administration. A South Australian vote on a set of rules was requested by the following Friday.

A medium-wave tape from Brian Lane was played, plus a SWL identification disc. On display was Tony's new Eddystone EC-10. Tony is currently saving his lucre for postage to below 6 MHz stations, previously unavailable to him; good luck, OM, don't let the QFN drive you nuts!

VICTORIA.

Back home again, so had better write this myself..... Meeting (January) held on Friday 6th, with Geoff Thomson the host, at 115 Hawdon St, Heidelberg, beginning at 8pm or thereabouts. Present were Barry Hewitt, Aubrey Stark, Ian Stanley, Tony McMahon, Graham Coates, Bob Padula, and host Geoff. Business discussed was similar to that thrashed out over in SA the previous week. Sub-editors were appointed, and discussion on various items appropriate to the club HQ being in Melbourne. Much ado about what constitutes a radio country, and Ian Stanley caught up on some long-forgotten geography with the aid of a large-sized atlas provided by Geoff. We could easily have said that Tasmania is a separate radio country, but decided to conform....! However, the results are on display on a page elsewhere in this issue for all to examine.

Editor gave a burst on how he thought the magazine should be done, and a roster was prepared for actually printing/ stapling the ectected publication. Decided to make the closing dates for notes on the 1st of every month, and the magazine should be in the mail no later than the 18th of each month. Meeting adjourned for a short time to answer a telephone call from Brian Lane some 500 miles away, with proceedings eventually winding up at 12.20 am on Saturday morning. Thanks for the supper, Geoff, and to all who came along.

MARCH MEETING : VICTORIA : Friday 3rd, at 31 Dunfield Av., Mitcham, 8pm, at the home of Aubrey Stark.

News for Victorian members: As mentioned earlier, there will NOT be any fee charged for membership of the Branch.... Any balance as at February 1st 1967 will be subtracted from your full Club membership dues.

For all members.....When writing to Club HQ, please address your letters either to the General Secretary (subscription renewals, general enquiries), OR to the Editor (matters relating to the magazine and/or its contents. Thanks a lot.

LADDERS
TOTALS



This month we have arranged the ladders totals in a rather different format. Each section is listed separately, and the first figure in each case indicates the number of countries verified, and the second figure shows the total number of verifications. How about sending in your own ladders totals for this page? Thanks.

SHORT WAVE

Padula R.	150 - 1054
Drew P.	122 - 1067
Martin C.	112 - 184
Kluth F.	93 - 321
Ross J.	89 - 108
Stall M.	83 - 173
Hewitt B.	88 - 140
Wege A.	72 - 96
McMahon A.	66 - 106
Voron S.	65 - 89
Duschmann W.	62 - 180
Mokrzycki G.	58 - 186
Drigge I.	37 - 115
Freedman L.	36 - 177
Coates G.	28 - 61
Tangey D.	18 - 26
Mutton R.	18 - 45
Evans A.	17 - 20
Stark A.	16 - 23
Stanley I.	13 - 25

MEDIUM WAVE

Padula R.	74 - 272
Drew P.	56 - 226
Martin C.	32 - 48
Wege A.	27 - 49
Drigge I.	25 - 119
Hewitt B.	22 - 25
Voron S.	20 - 36
Kluth F.	20 - 147
Mokrzycki G.	16 - 141
Stanley I.	14 - 116
Freedman L.	14 - 17
Ross J.	12 - 50
Duschmann W.	11 - 55
Stall M.	10 - 30
Mutton R.	5 - 130
Tangey D.	4 - 5
McMahon A.	4 - 4
Coates G.	3 - 3
Stark A.	2 - 24

UTILITY

Voron S.	32 - 94
Kluth F.	30 - 4671
Ross J.	19 - 20
Wege A.	9 - 12
Drew P.	6 - 6
Hewitt B.	1 - 1
Freedman L.	1 - 1

AMATEUR

Drew P.	197 - 1064
Mutton R.	74 - 251
Wege A.	20 - 90
Ross J.	11 - 17
Kluth F.	9 - 33
Hewitt B.	4 - 35
Voron S.	2 - 123
Evans A.	1 - 9

+++ Please note that the club has printed forms available which you can use when sending in details for this ladder section. You can have these forms upon application to Club HQ, and they have spaces for inclusion of your logs, QSL's, competition entries, and the ladders totals. +++

TV

Voron S.	2 - 7
McMahon A.	2 - 2
Kluth F.	1 - 6
Ross J.	1 - 4
Drew P.	1 - 1

Did you know that the Voice of Denmark can be heard on 15165 kHz from 0745 - 0815 GMT in English? This transmission is beamed to the Far East, and has been noted at good level here in Melbourne recently. Verifies by card & schedule.

RADIO HANDBOOKS FOR WORLD LISTENERS

Did you know that the Club is able to offer you up to 40% discount on the various publications available from "World Publications", Denmark? Have you ever stopped to consider how much you would save if you purchased any of these radio volumes through the Club at our special discount prices?

We are able to offer you these substantial savings due to bulk purchasing, so why not order straight away for one or more of these excellent books? The prices listed below are the prices which YOU pay, and they include postage. Further information available from Club HQ.

HOW TO LISTEN TO THE WORLD...1967 edition. (Discount price : \$1-90)

Bigger and better than ever. Articles cover such topics as : The Radio Frequency Spectrum, Ionospheric Disturbances, Principles of All Receiver Types, Interference Protection, Methods of Receiver Calibration, Listening to Utility Stations, Global TV, Listening to the Continents, Language Learning by Radio, Improving Medium Wave Reception, How to Use a Tape Recorder Correctly, plus many more. Our own ARDXC is represented, with an article written by your Editor on medium and short wave DXing in the Pacific area.

WORLD MEDIUM WAVE GUIDE...1967 edition. (Discount price: \$1-60)

Latest edition of this invaluable guide for all broadcast band listening. Contains listings of all the medium-wave stations in the world, in frequency order, with transmitter powers. Separate lists give details of all the stations in North America and whether day or night operation.

SHORTWAVE ANTENNAS. (Discount price : 90¢)

You should not be without this excellent handbook, which tells about all of the different types of antennas used today for receiving purposes. There is even a chapter on the theory of propagation; full details are given for the construction of many different types of antennas.....inverted "L", Windom, dipoles, etc.

IMPROVE YOUR SHORTWAVE RECEPTION. (Discount price : \$1-75)

A "how-to-build" book on shortwave equipment: full details on how to construct such items as preselectors, converters, BFO's, "Q" multipliers, receivers, etc. Complete with all circuits; a special article is devoted to printed circuit technique. If you are at all practically or technically minded, then you should definitely have this book.

WORLD RADIO & TV HANDBOOK.

The 1967 edition of this famous publication is now being distributed, and some members have already received their copies. Another shipment will be arriving by the end of February, and we will have some copies available for the special discount price of \$2-50, which included postage. However, it will be first come, first served while the supply lasts, so please send us your remittance as soon as possible! If we receive more orders than we can meet with this shipment, then we will re-order from the publisher, but only if there are at least four or more orders outstanding! If not, then we will have to purchase the additional copies at the full price of \$4-50. However, we expect that this new shipment will cover our requirements.

RADIO FREE EUROPE.

thanks to "Frendx".

A widespread misconception is that all of Radio Free Europe transmissions come from West Germany. Studios are in Munchen (Munich) and there are two transmitter sites nearby, at Biblis and Holzkirchen. However, the majority of RFE transmissions come from a site near Lisbon, Portugal.

Since DX reception proceeds directly from transmitter to receiver, DXers should be careful to keep loggings of stations such as RFE divided under the two countries from which the transmissions actually enter the air. Because the German sites are generally too close to Eastern Europe for optimum skip on the higher frequencies, RFE seldom transmits from Germany on the 19, 16, or 13 metre bands. In fact, during the winter period, the highest frequency used from Germany is 11,895 kHz. This frequency and many below it are used from the sites in both countries, depending on the time of day. The following frequencies are used from Germany exclusively: 3960, 3970, 3995, 6095, 6115, 6135, 7155, and 7275 kHz. All others from 11895 kHz down are shared. As a general rule you are more likely to pick up Portugal instead of Germany, since Lisbon has four 250 kW and four 100 kW transmitters, while the best Germany has to offer are three 50 kW stations. There are also a number of 10, 20 and 25 kW transmitters at all sites.

How to tell definitely whether you're hearing RFE from Germany or from Portugal? Although one would expect the use of landlines over friendly territory, the Lisbon relays often exhibit the characteristics of off-air relay, which DXers should be familiar with from hearing VOA, BBC, DW and Radio Nederland programs over relay facilities.

The best way, however, is to obtain the "Transmitter service schedule" from the RFE Committee, 2 Park Avenue, New York, NY 10019, or directly from RFE Engineering and Services Dept., Munchen 22, Englishcher Garten 1, Germany. The schedule, by frequency, shows transmitter sites, number and power, languages and times of use etc on weekdays and Sundays.

Although known in the US as Radio Free Europe, the station seldom, if ever, identifies in English. It is well to familiarise oneself with RFE ID's in five languages: Czechoslovak .."Hlasi se vam Ceskoslovenska stanice rozhlasu Svobodna Evropa"; Bulgarian ..."Took e Radio Svobodna Evropa"; Hungarian... "Itt a Szabad Europa Radio"; Polish... "Mowi rozglosnia Polska Radia Wolna Europa"...; and Rumanian...."Aici e Radio Europa Libera".

SHORT WAVE PROPAGATION COURSE.

On April 6th, Radio Nederland starts a "Short Wave Propagation" course. It goes on the air in "DX Jukebox" every Thursday and it lasts for six months. The participation is free of charge, and listeners will receive after enrolment the text and the associated drawings, which form a valuable manual for everyone about a unique field in which publications are scarce and very expensive. The course is written by Jim Vastenhoude. The course will be kept to a non-technical level, and everyone will understand it. If you are interested, write for enrolment to DX Juke-Box, c/o Radio Nederland, PO Box 222, Hilversum, Holland.

(World Radio Bulletin).

REMINDERREMINDER

We'd like to hear from YOU, with notes and news of the stations which YOU have been hearing. Let us have any program schedules which you may have received.... we'll publish the information, and send your schedule back with your Club mag.

Introducing our special section...the "DX COROBOREE".....all for short-wave.

(Overseas clubs may find information from this section of use each month...)

MONGOLIA. Schedule of Radio Ulan Bator for English transmissions is as follows: 2200-2300 GMT Monday-Tues-Thur-Friday; and 1350-1450 GMT on Tuesday Wed-Fri-Sat. Both transmissions carried on 9545 kHz and on new 7345 kHz. The 25 metre band outlet of 11850 kHz has been deleted.

(McMahon)

BOLIVIA. Always a difficult country to hear from Australia, "Emisora del Estado" at La Paz now providing quite good signals. Callsign is CP5, operates on 9555 kHz, and heard at around 1030 GMT. Formerly known as "Radio Illimani".

(Martin)

BRAZIL. Good reception of Brazilian stations noted in the evenings. They are PRL-9 "Radio Nacional Rio" on 6145 kHz; ZYV-74 "Radio Guarani" on 6175 kHz; and PRK-5 "Radio Inconfidencia" on 6000 kHz. All heard at around 0900 GMT in Portug.

(Noore)

UKRAINIAN SSR. Latest schedule of Radio Kiev English language broadcasts. To Europe 1900-1930 GMT on 11730, 9640, 5040, 5020. Also, 2230-2300 GMT on 1240 MW. (These broadcasts to Europe on Mondays, Thursdays and Saturdays).

English to North America: 0030-0100 GMT on 9710, 9680, 9660, 7330, 7290, 7280, 7120, and 6000 kHz. Also, 0430-0500 GMT on 9580, 9560, 9630, 9610, 7330, 7290, and 7250 kHz. (To North America on Tuesdays-Fridays- Sundays).

(Coates)

AFGHANISTAN. Radio Kabul noted on new 6170 kHz with broadcast in an Asian language at 1630 GMT then ident. signal heard 1700 GMT. Excellent signal.

(Martin)

SOMALI REPUBLIC. Radio Mogadishu on 8095 kHz heard with strong signal with English at 1735 GMT. (Mogadishu is the new official spelling, the former "Mogadiscio" will shortly lose official status)

(Drew)

CONGO. Radio Brazzaville with English at 0815 on 15445 kHz with good signal.

(Voron)

NICARAGUA. Verification received from YNRC "Radio Zelaya" at Bluefields gives valuable information on the station, and country. Station is assigned 5955 kHz but operates on 5950 kHz to avoid interference. Verification is by letter, in Spanish, and the QSL card accompanying is printed in English. Stamps of the country were included. QSL signer is Ray Collop (Gerente) and Prof. Guillermo McClean (Director). Transmitter is of "ELCOR" manufacture, 500 watts. Address is: "Radio Zelaya", Apartado 72, Bluefields, Nicaragua.

(Hewitt)

TURKEY. Radio Ankara noted on two freqs. in parallel with Turkish program. Heard on 9745 and 15160 kHz at around 0630 GMT. Could this mean another SW transmitter for the station? Latest WRTWH says only one SW outlet in use at any time. Additional information wanted, Thnx. (Padula)

LIBYA. Libyan Broadcasting Service at Tripoli heard on 7165 kHz at around 0630-0600 GMT with Arabic. Excellent signals. This probably is the new 100 kw transm.

(McMahon)

ANGOLA. Radio Angola noted with English at 1715 GMT on 9535 kHz. Interference from Russian station on same channel, and blocked after 1730 by SBC Berne,

(Martin/Voron)

MALAYSIA. Good signals observed of Radio Malaysia at Kuala Lumpur. Heard with the Indian program at 1200 GMT on 4845 kHz, and with Malay at 1300 GMT on 7280//4790 kHz.

(Padula)

JAPAN. Japanese commercial station JOZ being heard at good level on 9595 from 0800 GMT. Also on 3925 and 3945 kHz at 1000 GMT. The 3925 kHz outlet suffers interference from ABC at Port Moresby, VLK-3, same frequency. Surely, this odd state of things could be rectified, as there are many spare channels in this band from which to choose. As it is, both stations vie for supremacy, and nothing achieved.

(Hewitt)

DX Corroboree.....continued.

UZBEKISTAN SSR. Radio Tashkent noted with English program at 1400 GMT, on 11925 kHz. Also may be heard at 1200 GMT on 11925//9600 kHz.

(Stark)

AUSTRIA. Austrian Radio, Shortwave Division, noted on 7245 kHz with program for Australia at 0730 GMT. Fair reception with ID and ident. signal. New freq. of 17730 kHz heard at 1400 GMT, this transmission for India. ID in English at 1400 GMT.

(Martin)

PORTUGUESE TIMOR. Dili, on 3268 kHz now heard quite strongly from sign-on at 1000 GMT. Musical program at this time, with annots. in Portuguese. (A few kHz above the Port Moresby ute station VLSEB on 3260 kHz, which is a good marker).

(Padula)

USSR. According to World Radio Bulletin, the following Russian regional stations have been noted: Krasnoyarsk 7340 kHz around 1120; Kharborovsk 7285 @ 0950; Dushanbe 4635 kHz @ 0030; Alma Ata on 10530 and 9380 kHz around 1030 and later (see also "SW Roundabout" this month);

(WRB)

FINLAND. Finnish Broadcasting Company now being heard opening transmission at 0955 GMT on 9555 kHz with ident. signal and announcements in Swedish, Finnish, and English. Program commenced at 1000 with clock chimes, but signal strength was only fair, with considerable interf. from stations on adjacent channels.

(McMahon)

SOLOMON ISLANDS. The Sol. Isl. Broad. Service at Honiara heard well on 3995 kHz with relay of ABC news at 1100 GMT, then sign-off at 1130 GMT. Has the call sign VQO-4 on this channel.

(Stark)

CHINA. Radio Peking heard on following new frequencies: 5860 kHz with Portuguese at 2000 GMT; 7335 kHz in Russian at 1930; 7350 kHz in Spanish 2030-2130; and 6162 in Hungarian at 2000, sign-off at 2130.

(Padula)

SWEDEN. Radio Sweden on 9705 kHz noted at 1100 GMT with very good signal. Annots. in Swedish.

(Martin)

PHILIPPINES. Good reception of station DNB-4 on 3286 kHz. Heard with relay of VOA news in English at 1100 GMT. Verified with card promptly.

(Stark)

SOUTH AFRICA. Following frequency changes will be effective until March 5. 0615-0627 GMT, to Angola in Portuguese, now on 9525 kHz instead of 5980 kHz. 0645-0657 GMT to Nigeria in English, now on 15285 kHz instead of 15220 kHz. 1900-1955 GMT to Congo in French now on 17815 kHz instead of 17605 kHz. English to Europe and UK on 15215 kHz 2200-2255 instead of 15205 kHz. English to Ghana 2100-2155 GMT on 15285 kHz instead of 15205 kHz.

(Radio South Africa)

GHANA. Radio Ghana, Accra, heard strongly at 1500-1545 GMT on 21545 and 17910 kHz. Another frequency scheduled is 21720 kHz but blocked by RFE at this hour.

(Padula)

NORTH KOREA. Pyongyang now in English as follows: 1900-2000, 6540//7580 kHz (to Near and Middle East). From 0400-0500 GMT on 15520//6540 kHz, also to N. and M. East. To Southeast Asia, 0800-0900 on 6540//15520 kHz; 1100-1200 GMT on 6480//7580 kHz; and 1400-1500 GMT on 6480//7580 kHz.

(R. Pyongyang).

GERMAN DEMOCRATIC REPUBLIC. Radio Berlin International will be using the new freq. of 17780 kHz from March 1st, for progs. to South East Asia in English, 1415-1500 GMT. Another channels in use for this transmission is 15240 kHz. English also broadcast 1200-1245 GMT on 17880//17820. Also 1315-1400 GMT on 17880 kHz.

Reporters this month were: Samson Voron and Chris Martin (Sydney); Eric Moore (Brisbane); Graham Coates, Tony McMahon, Aubrey Stark, Barry Hewitt, Bob Padula all of Melbourne, Pete Drew of Perth.

SOUTHERN CROSS DX REPORT.New South Wales.

Robert Hanna has reports off to 2 stations as in trail. This month he has QSL'd the following stations: Ghana 11800 kHz, Cairo 17690 kHz, Prague 9505 kHz, New Zealand 15280 kHz, Radio Australia 7220 kHz and the ORTF Paris 17740 kHz. Keep it up Robert.

Chris Martin has 13 reports as per trail, the best ones include, Burma 5040, Tripoli, Libya 7165, Angola 9535, Argentina 15345. Chris has a huge list of QSL's including some excellent catches. His QSL's are: Angola 3375 kHz, Ascension 15350 kHz, Brussels 11895 & 11875, Bechuanaland 4843, Bolivia CP75 4985, Costa Rica TIRICA 9615, Honduras HRVC 4820, Mexico XEOL 6010, Uruguay OXA19 11835 + pennant, Venezuela YVLK 4970, Chile CE 970 9700 + pennant, Colombia HJFW 5020, Colombia HJCQ 4955, Colombia HJCF 5960, Colombia HJGC 5075, Colombia HJZF 15335, Haiti 4VEH 9770, Bulgaria 9560, 9700, Cameroons 5010, Canada 15320, CHNX 6135, CFCX 6005, China 15060, Prague 7115, Estonia 6085, Ghana 4980, Conakry 6155, ELWA 11950, VOA/Nonrevia 15315, Malawi 3370, VOA/Tangier 7270, Nigeria 3326, Sierra Leone 5980, SAEC 11900, 3250, 3285 Togo 5047, Upper Volta 6045, Zambia 3346, Malagasy 3288 Cairo 15475, 17690, BBC 9625, Hungary 6234, Delhi 15295 Pyongyang 3320, Lebanon 9710, Syria 6165, New Hebrides 3905, Norway 21730, 9610, 17825, Lisbon 21495, 17890, 11840, Rumania 9510, Berne 21520, 11715, 9695, 9595, 6165, Sweden 11805, Kiev 9810, 9710, 9670, making 112 countries confirmed. Well done Chris. An excellent list.

Samson Voran has 5 reports as in trail. He has QSL'd this month, Luxembourg 6090, South Africa 9525, Indonesia 9865.

Victoria.

Ian Hodgson has one only QSL. Radio Rumbos YVLK 4970 kHz. Ian reports that this QSL arrived after one year.

Aubrey Starks has reported 16 stations including DUB4, 3286, Cairo 17690, WINB 11795, SIBS 3995. He has QSL'd New Zealand 15110, Rabaul 3385, Wewak 3335, Moscow 21500, AIR 9912, R.F.E. 21720, VOFC 17890, DUB4 3286, Prague 21450, Malaysia 6100, Moscow 11740, Prague 5930.

Barry Hewitt has reports out to CE970, DUB4 3286, and JOZ 3945. QSL's have arrived from Niger 3260, Dahomey 4870, Sarawak 5037, BBC Botswana 4843, Kiev 9630, Radio Zelaya YNRG 5955, DUB4 3286, BBC 25650, Bandeirantes 6185.

Des Tansey has 8 reports per trail including Warsaw 11840 and DMQ 15275. He has QSL'd Austrian Radio 17730, 1400, TWR-Bonaire 11820, 2100, TWR-Monaco 7290, 0800, Radio New Zealand 15110, 0400, CBC-Montreal 9650, 0900, Radio Australia 11710, 0900, DMQ-Cologne 9735, 0530, BBC-London 9510, 0700, Malaysia 6175, 1215. Good effort Des.

Bob Padula has 98 reports in trail. Best ones are - Libya 7165, YVXJ 9510, Bogota 9635, Alma Ata 10530, Brazzaville 21500. He has QSL's from Norway 25900, 21655, Sweden 21690, Belgium 21690, Berne 21460, 17770, 17755, Paris 21650, RBI 21555, Venezuela 9510 YVXJ, Nicaragua 5955 YNRG, Mexico 15110 XERR, Ecuador 4910 HCMJ-1 + pennant, Haiti 11835 4VEJ, Tunisia 6205, Kuala Lumpur 4845, Cuba 17855, 15270, 15300, SABC 11880, 15215, Spain 15420, Cairo 9585, Bucharest 11885, Belgrade 15240, Austria 17755, DMQ 7125, Ascension 15140, 15180, 15375, ELWA 15150, Tahiti 6135, Moscow 17760, 11805, 17880, 17840, 17895, 17700, 15350, 11990, 12000, 12020, 17710, 21565, 21640, 12070, 12045, 15200, 15305, 17815, 15230, 15330, 11985, 11725, 11930, 11795, 11845, 15135, 15185.

Tony McMahon has reports out to 22 stations this month including Libya 7165, Finland 9555 and Thailand 11910. He has QSL'd Nigeria 11900, FEBC Manila 11855, Prague 9505, Springbok R. SABC 4945, BBC Cyprus 15420, UN Greenville 9590, Belgium 21510, YVKM 5030, Delhi 15165, 21615, Roma 9710, VL9BR 3385, Moscow 17770, 17850, Brazzaville ORTF 11725, London 25650, Cuba 6100, Turkey 17820, Sweden 21690, JOZ3 9595, Baghdad 6030, Tahiti 6135, 11825, Canada 5970, Jordan 11810.

Graham Coates has reports out to 13 stations as listed in trail. He has QSL'd Japan 15235, New Zealand 11780, 11820, 9520, Deutsche Welle 15275, AIR 17855, JOZ3 9595 France 15245. Thanks Graham.

Queensland

Ernie Moore has 11 items in trail. His reports include Comoros Islands 3331 kHz, OAXCO Peru 9770, CE956 Chile 9570. He has QSL'd Uganda 5026 kHz.

South Australia

John Ross has a lone QSL from Santo Domingo, 9503 kHz.

South Australia. (continued)

Harrie van Rooy has three reports as in trail. He has a lone QSL from DZHS 11855 kHz. Thanks Harrie.

Tony Wege has 47 reports as per trail including, Malawi 3370, ELWA 4770, Sudan 4994, HRN Honduras 5875, YVKM 5030, YVKB 4890, the latter two both in Venezuela and he has also reported HISD Dominican Rep. on 9503. QSL's have arrived from, Goroka 2410, Euzkadi 11260, Wewak 5335, JOZ-3 9595, Senegal 7210, Daru 3304, Sarawak 5037, VLK-3 3925, Malaysia 4985, YVKM 5030 and Radio 4VEM 6120. Some very good loggings and QSL's there Tony, good work.

Western Australia

Peter Drew whose home town is Perth but is at present with the Army signals at Balcombe has reports off to 66 stations they include, Upper Volta 4815, Somali Rep. 6095, Angola 9535, Senegal 11895, and Norway 25900. Peter has a huge list of QSL's here we go: HISD 9505, TIGB 6206 Costa Rica, Brazil ZYR-77 6185, RFE 17770, Cairo 1Y710, TWR Montra Carlo 7295, FEBC 15390, Belgrade 11735, Liberty 6170, Sofia 9560, Portugal 17890, AFRTS (Phil. relay) 15250, Ghana 7295, Tanzania 5050, Berlin 11890, 17705, 9575, TWR Bonaire 11820, 11815, Canada BBC relay 11820, 9735, 11935, RAI Rome 5990, 11800, 15310, 15385, DW Kigali 11855, 9740, 9565, DW Koln 5955, 17875, 15435, 17880, 17830, Moscow 9810, 6125, 7175, 15280, 6010, 11930, 11900, 9755, 11955, VOA Delano 11920, 17850, 21460, 11790, 17800, VOA Dixon 6065, 17820, 21590, 17725, 21650, 11720, 9565, 9585, 15255, VOA via BBC 7170, 7200, 7295, 11905, 9715, 15340, 17800, 21530, VOA Greenville 9560, 11845, 6020, 9600, 15230, VOA Philippines 7295, 6185, 11730, 9580, 15210, 177-65, 17830, 17735, 15175, 15345, VOA Bethany 11890, 15160, VOA Tangier 11710, 9740, 7255, VOA Monrovia 7205, 3990, VOA Okinawa 7165, VOA Honolulu 5975, VOA Munich 6040, VOA 17840, Brazil ZYU-60 5965, YSS 9555 EL Salvador, OEI Austria 15430, AIL 7215, R. Beirut 11760, VTNW Saigon 7245, DZI-9 Manila, 7230, Taipei 17780, CR6RZ Angola 4820, Pakistan 15201, South Africa 3320, HCJB 9645, YVLK 4970, SBC Bern e 9695, 11725, ORIF Paris 17850, 21620, BBC 25750, 15105, BBC Cyprus 17885, Cuba 15155, 6100, 9525, 11735, 15230. An excellent list-Peter.

Best of Month Awards.

Senior Section. 1st. C. Martin, CHNX, 6130, 500 watts 145 pts.
 Equal 2nd: (2nd. T. McNealon, YVKM, 5030, 7.5KW 125 pts.
 (2nd. P. Drew and I. Hodgson both with
 (YVLK 4970, 10KW

Junior Section. 1st. A. Stark, Daru, 3304, 250 watts, 109 pts.
 2nd. R. Hanna, Paris, 17740, 100KW, 103 pts.
 3rd. D. Tangay, TWR Monacc, 7295, 100KW 102 pts.

Here are the first totals for our new competition. Full details appear in the competition pages, to be found elsewhere in this issue.

All that you have to do to be eligible for this competition is to work out the points for your best verification received during the month, and let us have the details. This will become your "Best of Month" entry, and you may win a Best of Month certificate. The points scored are totalled over a 12-month period, and the winner in each section is the member who has the highest total at the end of the period.

This month we have worked out the points for you, for the short-wave and the medium-wave sections. Next month, you should work out these points yourself, in accordance with our points list. When sending in your notes, then, indicate which particular verification is to be your "B-of-M" entry, and let us know the points.

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SHORT WAVE (Senior)SHORT WAVE (Junior)

1.	Chris Martin	145	pts	1.	Aubrey Stark	109	pts
2.	Peter Drew	125	"	2.	Robert Hanna	103	"
3.	Ian Hodgson	125	"	3.	Des Tangay	103	"
4.	Tony McMahon	125	"	4.	Graham Coates	102	"
5.	Tony Wege	125	"	5.	Harry van Rooy	49	"
6.	Bob Padula	124	"				
7.	Barry Hewitt	123	"				
8.	Ernie Moore	105	"				
9.	Samson Voron	103	"				
10.	John Ross	96	"				

MEDIUM WAVE

1.	Tony Wege	98	pts
2.	Barry Hewitt	96	"
3.	Chris Martin	73	"
4.	Ernie Moore	68	"
5.	Tony McMahon	68	"
6.	Peter Drew	65	"
7.	Des Tangay	45	"
8.	Robert Hanna	36	"

So, there it is. Let's have a good roll-up next month. Senior contestants are those members who have 65 or more countries confirmed on short-wave; for the medium-wave section, there is no division. We will start the amateur and utility sections next month.

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This month our trail notes have been compiled in frequency order, rather than in time order. All bands are well represented, with the 31 metre band taking the honors. Some good loggings in the 60 metre band, and the 11 metre band also has provided some good DXing opportunities. Prepared by Tony McMahon and Bob Padula; Stations reported are indicated thus: + after the frequency.

Thanks this month to: EM Ernie Moore (Brisbane); JR John Ross, TW Tony Wege of Adelaide; RH Robert Hanna, SV Samson Veron, GM Chris Martin of Sydney; HVR Harry van Rooy (Port Augusta SA); PD Peter Drew (Perth); AS Aubrey Stark, AE Allen Evans, EH Barry Hewitt, DT Des Tangey, GC Graham Coates, TM Tony McMahon, BP Bob Padula, all of Victoria. On with the trail.....

(All frequencies in kHz, all time in GMT)

2410 +	1120	VL9CG, "Radio Goroka", New Guinea. Pidgin.	TW
3218	1915	Lourenco Marques, Mozambique. Fair w/English.	CM
3230	1030	VRH-8, Suva, Fiji. Good at sign-off with anthem.	TM
"	1005	" " " Excellent English.	TW
3268 +	1015	Dili, Portuguese Timor. Fair Portuguese.	BP
" +	1335	" " " Poor Portuguese.	TW
3270 +	1830	Zambia. Good in English.	TM
3286 +	1030	DUD-4 Philippines. Excellent with English.	TW
" +	1045	" " " Good English.	BH
" +	1100	" " " Relay VOA news in English.	AS
" +	1100	" " " Good signal.	PD
3286	1900	Tananarive, Malagasy. Fair in French.	CM
3305 +	1030	VL3HD, Daru, Papua. Good with police Motu.	TM
"	1040	" " " Excellent with Motu.	TW
3320 +	1915	Pyeongyang, Korea. Fair with Korean, 24 hours.	CM
3326 +	2005	Kaduna, Nigeria. English: excellent in English.	TW
3331 +	1735	Izeoudsi, Comoro Is. Good with French prgm.	RM
3335 +	1005	VL9CD, Wewak. Fair with Pidgin.	TW
3355	0900	Noumea. Good French; also noted at 1900.	EM
"	1010	" " " Excellent with French.	TW
3370	2000	Malawi. Fair in English.	CM
"	1830	" " " " " "	TW
"	1800	" " " Fair most days.	EM
3385	0900	VL9BR Rabaul. Good signal.	EM
"	1000	" " " Excellent, English.	TW
" +	1215	" " " Good with Pidgin.	AS

3910	1100	Far East Network. Tokyo, good in English news.	BH
" +	1905	" " " fair " " "	TW
3925 +	1100	JOZ, Tokyo. Mixed with VLK-3 Port Moresby.	TW
" +	1115	VLK-3, Port Moresby. English.	TW
3940	1200	ZBW-3, Hong Kong. Chinese program, morse interf.	BH
3945 +	1200	JOZ-4, Tokyo. Ident. in Japanese.	BH
3975	1030	YDI, Surabaya. Good with home service, Indonesian.	BP
3995 +	1100	VQO-4, Solomon Isl. Relays ABC news, off at 1130. Good.	AS
" +	1010	" " " Good level.	TW
4055 +	1045	Petropavlovsk, USSR. Fair with Russian, home service.	BP

4725 +	1907	Congo.	Excellent with local language. (Could be Lumbabashi..4750)	TW
4750	1130	Macassar, Indonesia.	Excellent with Indonesian.	BP
4755 +	2045	Lourenco Marques.	Good English, religious prgm.	PD
4770 +	2030	ELWA, Liberia.	Fair with English.	TW
4795	1230	Burma. XZK-2.	Vg with home service,	BP
4815 +	2100	Upper Volta.	Good in French.	PD
4820 +	1930	Reunion, OMTF.	Excellent with "La Marsellaise"	TW/TM
4830 +	1130	HSKB, Thailand/	Good Thai, from Bangkok. Home serv.	BP
4835 +	1300	Sarawak.	Good with Malay.	BP
4840	1300	VUE, India.	West Regional from Bombay, home/s.	BP
4845 +	1200	Kuala Lumpur, Malaysia/	With Tamil, good level.	BP
4850 +	1535	Mauritius	Excellent with French.	TW
" +	1755	"	Request program in English.	TM
4865 +	1835	Lourenco Marques, Mozambique.	Fair Port/English.	TW
4872	1100	Sorong, Irian Barat.	With Indonesian, good level.	TM
4880	1055	YVPA, Radio Yaracuy", Venezuela.	<u>Chdes Populares</u> is now on 4850 kHz, acc. 1967 WRTVH.	TW
4885 +	1730	Nairobi, Kenya.	Fair in English, ID heard.	TM
4890 +	0925	YVKD, Venezuela.	QRM from VLT-4 New Guinea.	TW
4930 +	1255	Phnom- Penh, Cambodia.	Fair in English.	TM
4934 #	1925	Nairobi, Kenya.	Fair in local language.	TW
4945 +	1900	Springbok Radio, S. Africa.	Good English, commercial progr.	TM
" +	1940	"	Excellent in English.	TW
4970 +	1210	SWD-215, Sabah.	With Malay. First time heard here for two years. Fair signal.	BP
4976 +	2105	Kampala, Uganda.	Sign-off with ID.	TW
4985 +	1350	Kuala Lumpur, Malaysia.	Excellent in English.	TW
4990	0800	YVMQ, Venezuela.	Heard with 24-hour sched.	EM
" +	1015	"	Excellent, Spanish.	TW
4994	1800	Sudan.	Arabic noted. Off at 2130.	TM
" +	2000	"	Fantastic in Arabic.	TW
5016 +	1030	Garoua, Cameroons.	Fair with French.	TW
5030	1200	Kuala Lumpur, Malaysia.	Good in English.	EH
" +	1035	YVGM, Venezuela.	Very strong, Spanish.	TM/TW
5037 +	1130	Sarawak.	Very good with English.	TW
5040 +	1430	XZK-4B, Burma.	Poor, English.	TM
" +	1500	"	Good signal.	CM
5050 +	1845	Tanzania, Dar-es-Salaam.	Good English,	TM
5052 +	1135	Radio Singapore.	News in English, good level.	TM
5095 +	1125	HJGG, Colombia.	Excellent, Spanish. (This one can be reported in English, prompt repler)/	TW

5875 +	1105	HEN, Honduras/	"Voz de Honduras", fair Spanish.	TW
5900 +	2045	Moscow	Home service, fair.	BP
5920 +	1945	"	" " "	BP
5930 +	1930	Prague.	Weak signal, European service.	AS
5965 +	0930	AFRTS/ Los Angeles.	Good signal.	AS
5970 +	0715	Algieria.	Good with Arabic. (Opens 0600)	BP
5975 +	1200	VOA/ Honolulu.	Good in English.	DI
"	0930	CE-597, Chile.	"Radio Presidente Balmaceda", fair with Spanish.	DI
"	0900	ZYT-44, Brazil.	Radio Guaruja. Fair Portuguese.	BP
6000 +	0845	PRK-5, Brazil.	Radio Inconfidencia. "	BP/TM

6015 +	0800	Havana, Cuba.	Good with Arabic.	BP
6030 +	1935	Bahdad, Iraq.	Poor in English.	TM
6" +	0930	Vladivostok, USSR/	Russian home service, good.	BP
6045 +	1845	Derne, SEC.	Poor with English.	PD
"	0900	ZYS-33, Brazil.	Radio Clube de Paranease.	DP
6055	1710	EPLP, Ethiopia.	Good at sign-off in English.	TM
6075	1030	HJHV, Colombia/	R.Sutateaza. Signs on, Spanish.	BP
6080 +	0930	Komsomolsk, USSR.	With Home Service in Russian. Good,	DP
6095 +	1735	Mogadishu, Somali.	English heard, good signal.	PD
6100	1835	Belgrade.	Fair in English to Europe.	TM
" +	1115	Kuala Lumpur.	Fair in English to Aust/NZ.	AS
6115	1100	OBZ-42, Peru.	Radio Union. Opens, ID in Span.	BP
6130 +	1045	Laos.	Fair with Lao music.	BP
" +	1320	"	Fair with French progms.	TM
6135	1900	Tahiti.	Papeete, fair with French.	SV
" +	0750	"	Good with French. Off at 0800 with "La Marsellaise".	BP/TM
" +	1100	Cuba.	Fair with Spanish opening.	AS
"	0930	PRC-21, Brazil.	Radio TV-Gaucha. Port, fair.	BP
6150	1925	Moscow.	Fair with English to UK.	DT
6165	1100	Phil. B. Service,	DUH-2. New frequency. Was on 6170. With Eng. Good signal.	BP
6170	1700	Afghanistan/	Radio Kabul, Ident. Signal then in Pushko.	CM
" +	1130	Kuala Lumpur.	Good with Eng. "Voice of Malaysia"	AS
" +	2105	ORTF, Paris.	Good French variety.	BP
6206	1100	TIHMG, Costa Rica,	"Radio Reloj" frequent ident. Has "Ave Maria" as theme.	BP/TM
6245 +	2015	Radio Sofia.	VG with Arabic.	BP
7100	2030	Budapest.	In Hungarian to Europe. Good.	BP
7105	2000	Madrid, Spain.	Excellent in Spanish.	BP
7125	2030	Warsaw, Poland.	English.	BP
" +	1945	DMQ-7, Cologne.	In Arabic, good.	BP
7130 +	2045	DMQ-7, "	Good with Rumanian.	BP
7135	2100	Monte Carlo.	French, fair/good.	BP
7140 +	2100	Riga, LATVIA.	Very weak with Latvian. Heard when BBC European Service off this freq. Usually between 2100-2130 GMT.	BP
7155	0615	Amman, Jordan.	Weak with Arabic.	CM
7160	1100	DUH-9, Philippines,	Good in English.	BP
7165 III +	0700	Tripoli, LIBYA,	Good Arabic. This is new 100 kW trans mitter recently put into operation.	BP/CM/TM
7170	2200	Algiers.	With Arabic, after VOA off at 2200.	BP
7170 +	1120	Singapore.	In Excellent Tamil.	BP
" +	0700	ORTF. Noumea.	VG with French.	AE
7185 +	1115	Bangkok, Thailand.	With news in English, fair.	BP
7190	1330	Ceylon.	Poor in English.	TM
7210 +	0735	Senegal.	Excellent with French.	TV
7215 +	2030	India.	Delhd Calling. English to Europe.	BP
7220	1500	Saudi Arabia.	Good Arabic.	CM
7240 +	2140	Rome, Italy.	Fair at sign-on with Portuguese.	BP
7245 +	0800	GEI-33, Vienna.	Good with ident., and ident. sig.	CM

7250 +	1100	NHK, Tokyo.	Good in Korean.	PD.
7290 ++	2015	Warsaw, Poland/	Weak with Italian.	BP
" +	2230	Kiev, Ukrainian SSR	IDent signal, then Ukrain.	BP
7310 +	2015	Moscow.	Russian home service.	BP
7390 +	1900	Moscow	" " "	BP
7400 +	1930	Moscow.	" " "	BP
7410 +	1930	Moscow	SSD transmission. Russian H/S.	BP/
7420 +	2005	Moscow.	Russian Home Serv.	BP
7445	1900	Peking.	VG with Russian program.	BP

9502 +	1135	HISD, Dominican Rep.	Good with Spanish, after NHK off.	TW/TM/ BE/JR.
9510	1135	YVKJ, Venezuela	Radio Barquisemeto. Fair Span.	TM/BE
" +	1115	"	" " Plenty of ID annots.	
			Best after 1115 when BBC off the freq.	BP
9520 +	0900	ZL-18, New Zealand.	Good to Australia.	GC
9525 +	2135	ORTF, Paris	Good French variety.	BP
" +	0730	Hilversum.	Fair in English to Austr/NZ.	DT
9535 +	1603	IMQ-9, Cologne.	Good English	FD.
" +	1715	Angola.	Fair with English. On at 1705.	CM/PT/SV
			QRM de Moscow.	
9545	1700	IMQ-9, Cologne.	Very good with German.	BP
9555 +	1025	CP-5, Bolivia.	Fair signal, Spanish.	BP/BE
" +	0615	YSS, El Salvador.	Good Spanish, on late.	TM
"	0615	" "	Good. Normal sign-off 0500 GMT.	CM/EM
" +	0955	OLX-2, Finland.	Weak sign-on and ID annots. in various languages, inc. English/	EM
9560 +	0700	Prague	Fair English to Australia.	BP
9562 +	1115	OLX-4R, Peru.	Radio Nacional del Peru, strong when opening with ID.	TM
9570 +	0800	CE-956, Chile.	On late. Listed as 9560, but heard 9570.	EM
9585 +	0600	Cairo.	Fair in Arabic.	BP
9590	0800	Hilversum.	Good with Dutch.	HvR
9595 +	1030	JCZ, Tokyo.	Very good English/Japanese.	TW/TM/GC
9600 +	1200	Tashkent, Uzbek.	Weak with English.	DT
" +	1000	CE-960. Chile/	Radio Presidente Balmaceda. Fair with Spanish.	TW/BE
9620 +	2230	Kiev.	Good in Ukrainian.	BP
" +	1015	New Zealand.	Excellent. (Now off this freq.)	TW
			Now on 9520 kHz.	
9625 +	0900	Canada.	Good to Australia/NZ in Eng.	AS
9635 +	2315	HJZM, Colombia.	Radio Nacional en Colombia, with "English for Today" from BBC.	BP
9640 +	1030	Seoul.	Voice of Free Korea, fair Eng.	AE/AS
9645	1100	West Pakistan	Good in English.	BE
9650 +	1345	Moscow USSR	Fair with English.	RH
9655 +	0730	Havana, Cuba.	Fair English.	RH
"	1100	"	Weak in Spanish.	BE
" +	1700	Berne, SBC.	Good signal in Italian, // 9665.	CM
9660	2200	Liberty.	Russian language.	TM
9670 +	0745	Berne.	Good English/	GC
9675 +	0030	South Africa.	Good English/	FD
9675 +	0830	Warsaw, Poland.	Fair in English to Australia.	DT
9690 +	2000	India, Delhi.	English to Europe. Good.	AS/DT/GC
9700	1100	CP-970, Chile.	"La Voz de Chile". Fair/ Spanish.	CM
"	2100	Sofia	Fair in English.	BP

9705 +	1100	Radio Sweden	Sign on in English, good.	CM/BH
9710 +	2215	Rome, Italy.	Poor in English to Japan.	BP
9715 +	0730	Hilversum	English to Australia/NZ	AS
" +	1510	Deutsche Welle.	Fair with Russian.	PD
9735 +	1500	Kigali, Rwanda.	Deutsche Welle, Swahili.	PD
9740	0900	VOA/ Okinawa.	Good in English.	CM
9745 +	0900	HCJB	English.	AS
9760 +	1200	VTW-Saigon.	Dictation program/ English.	TM
9770 +	0630	OAX-80, Peru.	"Radio Amazonas". Good, on late, with frequent ID heard.	EM
9840 +	1315	Hanoi, Vietnam.	Weak with English.	DT
9865 +	1915	Djakarta, Indonesia.	Good in English.	DT
9912 +	2215	India.	VG with English, GOS.	AE/BP/GC

10530 +	1230	Alma-Ata, Kazakhstan.	With sporting description in Russ.	TM
" +	1830	" "	Good with Moscow relay/Russian.	Br
11260 +	2040	Radio Euscar.	VG in Spanish. (Clandestine)	TW
11700 +	1715	Vatican.	English to Africa, good signal.	BP
" +	1720	" "	" " " " " "	PD
11705 +	1415	Sweden.	English noted.	DT
11715 +	1715	Brussels	Good with Congolese languages.	BP
11720 +	2115	Radio Canada.	Good, English.	GC
" +	2200	" "	Northern Service, sign-on in Eng.	TM
" +	0515	ORTF, Brazzaville.	Fair in English news.	AE
11725 +	0710	USSR	Good with home service.	BP
" +	2810	Monte Carlo.	Trans World Radio, in Arabic. VG.	PD
11735	2220	Rabat, Morocco.	French, Spanish at 2230. Fair.	BP
11740 +	0830	United Nations.	Dixon, in English/Thai/and Tagalog.	DT
" +	2030	India.	English, GOS.	BP
11745 +	1200	Moscow	In English, good signal.	AS
11762 +	2330	Pyongyang, N.Korea.	Spanish to S.America fair.	BP
11765 +	1600	IMQ-11, Cologne.	VG in English.	PD
11770 +	0805	Liberty.	Not jammed, good signal Russian.	BP
11795	0630	Kinshasha, Congo.	Fair with French.	CM
11785 +	2100	TWE, Bonaire.	Excellent with English, religious.	GC/AS/BP
" +	2120	" "	" " " "	HvR
" +	0530	EPLF	Addis Ababa, Ethiopia. Fair, Engl.	GC
11795 +	1045	USSR	Home service, good.	BP
" +	2145	WINB	Pennsylvania, USA, English, fair.	AS
11800	0400	Canary Islands.	Fair at sign-off with ID.	TM
" +	1935	Ghana.	Fair in French.	BP
11810 +	0430	EPLF	Addis Ababa, in English.	GC
" +	0715	Amman, Jordan.	Fair in Arabic.	TW
" +	2300	Canada.	In English.	BP
" +	0005	" "	Good with Spanish.	PD
11820 +	0730	New Zealand.	To Australia. News.	BP
11825 +	1900	EPLF	Addis Ababa. English to W.Africa.	BP
" +	0735	ORTF, Tahiti.	Good French.	TM
11835 +	1815	Vatican.	Fair with European service.	PD
11840 +	1000	Hanoi.	English, news.	BP
" +	0730	Warsaw.	Good to Australia/NZ in Eng.	DT
11845 +	1125	Moscow	Asian service.	BP
11865 +	2005	L-bambashi, Congo Dem. Rep. (Was Elizabethville).	VG with English.	PD

SHORT WAVE

AUSTRALIAN DX NEWS

FEBRUARY 1967.

11880	+	1730	Berne.	Good in Arabic.	PD
"	+	0600	XERH, Mexico.	Fair in Spanish.	EM
11885	+	0210	Pakistan	News in English.	BP
"	+	0430	Tucharest.	On in English to USA.	TM
11890	+	0830	Manila, FEBC.	Fair with English.	PD
"	+	2323	Senegal,	VG with French.	PD
11900	+	0630	Mosc ow	good home service	BP
11905	+	1535	DMQ-11, Cologne.	excellent German	PD
11905	+	2200	AIR, Delhi.	good English	GC
"		2000	" " "	" " "	BP/HvR
11910	+	1120	Bangkok, Thailand.	fair in English.	TM
11920	+	2115	Windward Islands.	vgood English, relays RBA, "Calling Caribbean"	BP
11920	+	1145	DZF-2, Manila.	VG news in English.	BP
"	+	0655	Moscow	Home Service, good.	BP
11925	+	1215	Tashkent, Uzbekistan/	Fair with English.	DE
11930	+	1100	Moscow	To Asia, good.	BP
"	+	2300	ORPF, Brazzaville.	Excellent in Eng.	TW
"	+	2330	" "	VG in French.	PD
11950	+	2300	Saudi Arabia.	Good with Arabic.	BP
11965	+	2250	Cairo	Fair with English to Europe.	PD
"	+	0000	Berne	Good with Spanish.	PD
11985	+	1120	USSR	Home Service.	BP

15105	+	1745	BBC/Ascension Isl.	Good with World Service.	PD
15108	+	1945	Teheran, Iran.	With French. Frequency drifts, noted from 15100 - 15120 kHz at times.	BP
15110	+	2130	XERR, Mexico.	Good with musical prgm.	BP
15115	+	1815	ETLF, Addis Ababa.	Good in Hausa.	PD
"	+	1930	" "	VG in English.	BP
"	+	0900	RFE	VG with Polish	BP
"	+	2330	HCJB	Fair in English.	TW
"	+	0200	Peking.	VG with Spanish.	BP
15125	+	1845	VOFC Taipei.	Fair in English to Europe.	DE
15125		1700	CSA-64, Lisbon.	VG with Portuguese.	BP
15135		2000	Cairo.	Hausa, good signal.	BP
"	+	1740	Vatican	Good in English.	PD
"	+	1150	Moscow.	Good with home service.	BP
"	+	1150	DMQ-15, Cologne.	Fair with Mandarin.	PD
"	+	2330	NHK/ Japan.	VG with English.	BP
"		1120	India.	Good with Burmese.	BP
15140	+	2130	BBC/Ascension	BBC World Service.	BP
15150	+	1300	Saudi Arabia.	Arabic, fair level.	JR
"	+	2030	" "	"	PD
15160	+	1400	WGA/ Rhodes.	Program to Europe, good.	PD
15165	+	1250	Denmark	Fair in English.	TM
15170	+	0920	RSE	VG with Hungarian.	BP
15185	+	0735	India	English service, fair.	BP
"	+	2200	Moscow.	To Asia, good level.	BP
"	+	2120	Cuba.	Good in French.	BP
"	+	1735	Cuba.	Good " "	PD
15190	+	1820	ORPF Brazzaville	VG with French.	15230 PD
15215	+	2215	South Africa.	Fair with English. QRM ABC, 15220/	BP
15230	+	2200	Cuba	Opens in Spanish. Blocked after 2215.	BP

15240 +	1430	Radio Berlin Inter.	Good with English.	GE/AS
15245 +	1030	Paris.	Fair with English.	GC
15255 +	0130	Peking	Good in English to USA.	BP
15270	1200	RBI	Good with Arabic.	GM
15275 +	0905	DMQ-15, Cologne.	Fair to East Asia in Eng.	DT
" +	0845	Warsaw	With English to Aust. QRM DMQ.	DT/GM
" +	2230	AFRTS/NY	To Caribbean.	BP
15280 +	0200	New Zealand	Relay of Home Service.	BP
15285	1130	VOA/ Calcutta.	Open with English ident.	GM
15295 +	0940	Moscow.	Peace & Progress fair Eng.	DT
15310	0230	India	English good.	BP
15310 +	0710	Prague	Good with English to Aust.	PD
15312 +	1130	Sofia	With Arabic. Good.	BP
15315 +	1330	ETLF, Ethiopia.	VG with English.	PD
15345 +	0 0	LRA-33, Argentina.	Spanish, heard on a Sunday.	GM
15360 +	2100	VOA/ Monrovia	Eng. in French.	BP
15365 +	1215	Canada	New frequency, with English.	PD
15370	0900	ZYC-9, Brazil.	Radio Tupi, opens with ident.	BP
15375 +	0000	EBC/ Ascension Is.	Portuguese until off at 0015.	BP
15380 +	0035	Canary Islands	Good in Spanish.	PD
" +	0240	" "	" " "	TM/BP
" +	0330	" "	Poor " "	TW
" +	2000	Deutsche Welle, Kigali.	VG with German. Off at 2300.	PD
15400	1330	ETLF	VG in English.	GM
15415 +	1830	VOA/ Greenville	Exc. in English.	PD
15420 +	1045	Madrid, Spain.	Spanish to Philippines. Fair.	BP
15430 +	0640	VOFC Seoul.	Good with English. Replaces 15125.	BP/PD
15435 +	1930	Tanzania	Good in English...testing.	PD
15445 +	0515	Brazzaville	Good in English, news.	SV
" +	1830	VOA/ Monrovia	Excellent with English.	PD
15520 +	0400	Pyeongyang	With news in English, good signal.	BP

17690 +	1330	Cairo.	English noted.	AS
17710 +	1900	VOA/ Greenville	English.	PD
17720 +	0200	VOFC Taipei	Poor with Eng. Heavy jamming.	PD
" +	1835	WINE	Fair with Religious prog.	PD
17730 +	1400	Vienna	VG with ID and ID signal.	AS/GM
17740 +	1300	ORTF/ Paris	Good with English news	TM/GC
17750 +	0100	VOA/ Philippines	Good, English news.	PD
17755 +	1100	Vienna.	Good, in German.	BP
17760 +	0315	Moscow.	Fair English. (This transmitter is presumably located in Siberia, for good propagation to West Coast of USA)	TM
17765 +	1030	ORTF. Paris.	Good with French.	GC
17770 +	0905	Berlin.	Fair, English.	PD
17785 +	1820	Cairo.	Good with Portuguese to South Africa.	BP
17800 +	0940	Berne.	Fair in English.	GC
17805 +	1700	South Africa.	Poor with English.	PD
17810 +	2300	FEBG, Manila.	With English, weak.	AS
17815 +	1700	VOA/ Tangier	Excellent, sign-off, in French	PD
17820 +	1200	Brussels	Fair with French, QRM RBI.	BP
" +	1635	Canada	Poor, English. (Off at 1830)	PD/BP
" +	0900	Ceylon	English to Asia, fair.	GC
" +	1200	RBI	English, vg to S.E. Asia.	BP/AS
" +	1430	Ankara, Turkey.	Fair with English to Asia,	AS

SHORTWAVE

AUSTRALIAN DX NEWS

FEBRUARY 1967.

17840	+	1420	Radio Sweden	Poor in English.	PD
17845	+	1825	WNYW	Good, English.	BP
17850	+	0930	Moscow	Peace & Progress. Good.	TW/JR
17865	+	1430	RFE	Good with Rumanian.	FD
17880	+	1145	RBI	German, English at 1200. Good.	BP/PD/IT
17890	+	0300	VOFC/ Taipei	Fair with English to USA.	TM
"	+	1100	" "	Good in English.	GC
"	+	1800	" "	English to Europe. Off at 1900.	AS
17910	+	1400	Ghana	VG with English (1400-1500)	BI PD

21450	+	0730	Prague	Fair in English to Aust.	AS
21460	+	0900	Berne	Poor, English to Africa.	PD
21485	+	1200	Vatican	Excellent in English	AS
21495	+	1030	South Africa	Fair with English.	PD
21500	+	0130	AFRIS/	News. Good signal.	BP
"	+	1300	Brazzaville	Fair with relay Eng. news from Paris.	BP
21510	+	1045	Brussels	Good in Congol use languages.	TM
21520	+	1300	Berne	Excellent with English.	TW
21555	+	1330	RBI Germany	English to Africa, good.	BP
21560	+	1200	Rome	Opens with Italian to Australia.	BP
21560	+	1000	Delhi, India.	Excellent to Australia in Eng.	TW
"	+	1030	Paris/	Good with French, opens.	TM
"	+	1300	"	English as News.	AS
21590	+	0800	Karachi.	Good with news in Urdu.	TM
21600	+	1000	RFE	Rumanian, good level.	PD
21615	+	1000	Delhi	VG, English.	PD
21650	+	1330	AMRPS/ New York.	Fair.	PD
"	+	0000	VOA/ Dixon	English to S.Asia, excellent.	AS
21670	+	1445	VOZ/ Monrovia	Fair, in English.	PD
21690	+	0900	Sweden	Good at sign-on in English.	GM/PD/TM
21700	+	0915	Portugal	Opens on to Africa, good.	GM
21720	+	1330	RFE	Continuous music, good signal.	AS
21730	+	1100	Norway	Opens at 1100, in English.	GM/SV

25650	+	0940	BBC, London.	World Service, good signal. (Scheduled 0900-1315 GMT)	TM/TW
25670	+	1000	BBC, London.	Fair, Swahili. (1000-1400 to Africa)	BP
25730	+	1300	Norway	Poor with Norwegian.	PD
25750	+	1030	BBC, London.	Fair, Bengali. (0930-1035 to Asia)	BP
25900	+	1100	Norway	Opens, excellent signal in Nor.	PD
25950	+	1635	VOZ/ Greenville	Poor with English.	PD
26040	+	1240	VOA/ "	" " "	PD.

CANADIAN SERVICE IN 13 METRE BAND.

Thanks to Arthur Cushen, New Zealand.

Radio Canada will be operating in the 13 metre band, as from March 5th. Frequency will be 21595 kHz, and will be used for the service to Europe, from 1300-1945 GMT. From May 7th, this frequency will be replaced by ~~21460~~ 21460 kHz. Other frequencies scheduled for this transmitting period are 17820 and 15365 kHz.

11 METRE BAND NEWS. (from 1967 WRTVH)

Radio Nederland will be using 25610 kHz as from March 5th. Will be in operation 1630-1650 (Sunday) in Dutch; 1530-1545 Spanish; 1600-1615 Spanish.

Presenting the..... shortwave round about Frequencies in kHz.

Items from our exchanges, from recent schedules, from all over the wide world!

ASCENSION ISLAND. The BBC South Atlantic relay station now operating to the following schedule 15105 kHz : World Service 1745-1945 GMT. On 15140 & 15180 kHz, from 1945-2245 GMT (World Service), and on 15375 kHz 2300-0015 GMT in Portuguese to South America. (SCDX)
Verifications can be obtained from the island itself, if reports are sent to Richard Buckby, ZD8RB, c/o BBC, Ascension AAFB, Patrick AFB, Florida 32925, USA. Return postage is appreciated. (ASWLC)

AFGHANISTAN. Radio Kabul now operating to a new schedule. On 4775 kHz programs in Urdu 1330 GMT, English 1400, Russian 1430-1500. Also, on 7255 and 9635 kHz, with Arabic 1730, French 1800-1830, German 1830, English 1900-1930. This English service is also scheduled for 6170 kHz in parallel, this frequency replacing 9635 kHz at this time only. (SCDX)

ALBANIA. New transmitter now in use, operating on 6157 kHz. Programs as follows: 1500 English, 1530 Bulgarian, 1600 Russian, 1700 Arabic, 1730 Czech, 1800 Italian, 1830 Russian, 1900 Bulgarian, 1950 Greek, 2000 Polish, 2030 French, 2100 Arabic, 2130 Italian, 2200 German, 2230 Italian. (BIDX)

BOTSWANA. The BBC relay station at Francistown is still operating on 4845 kHz. According to an announcement heard from the station, this relay is beamed to Rhodesia, and is on 926 and 802 kHz medium-wave, and "62 metres" on SW. (ASWLC)

CHINA. August Balbi, of California, reporting to the WRB, indicates that new frequencies for Radio Peking are 11720/ 5030/ 7315/ 9860 kHz. English noted 0100-0255 GMT to Eastern USA on 15255 & 15060 kHz// 11945 kHz. Also in English 0830-1030 GMT to Pacific on 11720; 1400-1600 GMT on 5030/ 7315/ 9860 kHz. (WRB)

CONGO. Lumbabashi (Katanga) noted on 11866 kHz from 1830-2100 in French, Kinshasha (Leopoldville) heard on 11795 kHz 2200-2230 (French). (DXers Call.)
Radiodiffusion et Television Nationale Congolaise heard on 9775 kHz 1830-2300 GMT in French. (SCDX)

GREECE. National Hellenic Broadcasting Institute, Athens, is currently using VOA facilities at Thessaloniki on 7130 kHz, 2000-2030 GMT. Winter schedule of the station itself reads: 0700 (Sun. 0550)-0815, 0900-1000 (exc. Monday), 1030-1300, 1930-2100, 2200-2230, 2300-2330 GMT on 11720 and 9605 kHz. Also: 1330-1515, 1630-1700, 1830-1900 on 9605 & 7295 kHz. Also: 1730-1800 on 15425 & 11720 kHz. (WRB)

HONDURAS. An item to save for the Latin American season approaching..... "Radio Suyapa", noted on 6125 kHz with frequent identifications in Spanish. Has the call HRQ, and noted with good signal at sign-on at 1045 GMT. (Goth. DX)

INDONESIA. Verifications received by American DXers have included: Radio Pakembaru-5955-sent a handwritten letter, seven weeks. Radio Ambon, 7140, sent prepared card and letter in three months. Ambon reports should be sent to: RRI, Studio Ambon, Djelan, Djenerál, Achmad Yani, Ambon, Indonesia. The station is requesting reports. (These all heard in Aust, around 1300 GMT) (Frendx)

INDIA. All India Radio at Delhi noted on 21,615 kHz in English with the General Overseas Service 1000-1100 GMT. Also announced as 15165/17890 kHz. Hyderabad regional station logged at 1530 GMT on 4800 kHz in English; and Madras on 4920 kHz heard at 1500 GMT with Indian music. (Rad. Austr.)

Shortwave Roundabout.....continued.

LESOTHO. Station ZNF-4 operates only on Saturdays 0630-0720 GMT on 3824 kHz. Has news for schools in English at 0700 GMT. Radio Lesetho not heard since last October. (SCEX)

PORTUGAL. English programs from Lisbon may be heard as follows:
To Africa 1815-1915 GMT on 17740/ 21495 kHz. To India at same time. To USA at 0200 GMT on 9675 kHz. Other transmissions: Portuguese to Brazil 1345-1700 GMT on 21660 kHz; Portuguese to Angola 0445-0700 GMT on 11935/17740.; 0915-1330 (Sun. 1715) on 15125/ 17740/ 21700 kHz. Also 1715-2115 on 11935/15125 kHz. (WRB)

SOMALI REPUBLIC. Daily external program schedule of Radio Mogadiscio:
On 9558 and 8095 kHz: 0430-0500 Arabic; 1045-1115 Italian; 1115-1145 Amharic; 1500-1530 Swahili; 1530-1545 Qoti; ;545-1600 Affar; 1730-1800 English. (WRB)

TANZANIA. Home service of Radio Tanzania on 5985 kHz 0300-2000 GMT, and on 9550 @ 0900-1500 GMT in Swahili. From 1845-2000 GMT external service on 5050 and 15435 kHz. (WRB)

THAILAND. Radio Bangkok reported to be using a new 100 kW transmitter, according to the Gothenburg DX Club International, Sweden. Heard on 11910 kHz with English news at 1030 GMT.

URUGUAY. Station CXA-12 "Radio Carve" using 6155 kHz noted in USA at 0100 GMT with good signals. One to keep in mind for the winter time...! (ASWLO)

UNITED STATES. A mystery station. Reported on 7650 kHz. In a letter from the VOA from George Jacobs, it is stated that the VOA uses the frequency of 7651 kHz (in the fixed service band) at its Greenville N. Carolina station as a single-sideband feeder to VOA relays in Europe and Africa as well as for radioteletype as required. Another VOA SSB transmission noted in the USA on 15610 kHz at 2100 GMT in an unidentified language.

USSR. Armenia. Radio Erevan, heard in USA 1930-2030 GMT on 9635 & 9540 kHz, with English 2020-2030 GMT.

Lithuania. Radio Vilnius, currently on 6200/7180/9740/11710/ on Sundays and Fridays at 2230 GMT with English to North America.

RSPSR. European. Radio Moscow noted with a broadcast to Haiti at 0300-0330 GMT on several frequencies in the 31 metre band.

Azerbaijan SSR. Radio Baku, heard in E Coast USA on 9840 kHz with Turkish at 1600-1627 GMT, and Arabic 1630-1700 GMT. ID in Arabic as "Houna Baku", and Turkish as "Durasi Baku". (ASWLC)

Kazakhstan. Radio Alas Ata, on 10,530 kHz noted in USA with program in Russian at 1520 GMT. (Heard well in Melbourne at 1900 GMT)

Georgian SSR. Radio Tbilisi, verified with a card and letter via Moscow in one month, for 5040 kHz. (Frendx)

Asiatic RSPSR. Siberian stations noted in California recently have been: Yakutsk 4395 kHz signing off at 1300 GMT in Russian and Yakut; on 4610 kHz Kharberovsk noted around 1300 GMT with own program; Vladivostok on 5015 kHz to sign off at 1400 GMT with own program, also on 4040 kHz to 1400 GMT to sign off with different program. (All noted in Melbourne at around 1130 GMT) (Frendx).

Acknowledged: World Radio Bulletin; Sweden Culling DXers; Frendx; American Short Wave Listeners' Club; Gothenburg DX Club International; Benelux DX Club. ++++++

UTILITIES SECTION

Compiled by

Steve Thurlow

All times GMT and frequencies in Khz.

First out of the bag this month is Fred Kluth who reports from his new QTH at 113 Gipps Street, Dubbo the following:

AERADIO: FAJ3 Johannesburg 8956, ZEA Salisbury 8956, HECA Cairo 8956, VZMA Mount Isa 8939, 8896.5, VZWM Wyndham 6612.

TIME SIGNAL STN: WIG Melbourne 5425.

QSL's:

AERADIO: NSTU Pago Pago 5641.5, AWC Dum Dum 8939, ZEA Salisbury 8956, VZMA Mount Isa 8896.5 & 8939, VZWM Wyndham 6612.

TIME SIGNAL STN: WWV 5000

POLICE: Wagga 6905

MET: SBOG Giles WA 8939.

NAVY: VHN NAS Nowra 5499.

Fred advises all facilities at Cloncurry have been withdrawn and have now been installed at Mount Isa, with the exception of the NDB CY on 26.

John Ross, Adelaide; has PTP Logs as under:

8000a 0830 OPIPOSTEL Daker, w vm & mm
8000a 1200 San Jose, Eng & Spanish, vm
8000a 1300 Phil. DX/T Fone Co, vm.
9250a 0945 AFI, USAF Sacramento, yakker
10100a 0930 CTWE, Madrid, mm
10600a 1800 External TC Coy, Nairobi, vm
14750a 0845 Copenhagen, vm in Danish; this is a new vm, specially for circuits to Greenland
15700a 0630 PTT Ankara, mm
15700a 1400 PTT Damascus, English, Arab vm. in antiquated modulation!
15950a 1045 ADL, Military, Bangkok, yakker
16200a 1335 Beirut, PTT, French vm.
16300a 1115 PTT Curacao, eng vm.
18000a 0815 Pnom Penh, female vm, French & English
18600a 1320 PTS Martinique, vm.
18700a 1330 DP, East Berlin, vm
18790a 1300 PTT Brussels, vm
19000a 1300 Pix London, vm
19200a 0700 Indian OTS, Calcutta, vm
19200a 1000 Bandung, fem vm (one of many it seems)
19600a 1440 Austrian P&T, Linz, Eng, vm.
19890a 1000 Transradio Buenos Aires, E, F, SP vm.

QSL's

GPO Rhodesia 12165 khz letter 6 weeks, PTT Amsterdam 19710 ltr 3 wks, PTT Kuwait 19870 form ltr 5 wks, PTT Teheran 14765 ltr 6 wks.

AERADIO: Logs 8900a Singapore 1123, 9000a Anderson AFB 0952, 9000a Clark at 1121.

TIME SIGNAL STNS: Logs JJY 15000 1235 & RKM 15010a 1045 (Can any one help John with QTH of RKM in USSR?)

SHIPS: A lone log on 1710a of Rescue Craft for local club yachting even in SA on Saturday afternoons.

++ Don't forget your Competition Entries next month; see the Competitions Rules with this month's issue. Notes, etc, by Friday 3rd March, at PO Box 227, Vox Hill, Vic.

Samson Veron, Coogee has the following logs:

AERADIO:VZSY 8854 0515,VZDN 8854 1820,VZNI 8845 2148,VZDU 5499 2213,VZLH 8845 2200,VZCH 5529 0435,VZBN 5641 0901,VZRK 5641 2046,VZWQ 5641 2333; VZML 5641 0700,VZPH 8854 2104.Plus local WDB SY on 319.ZKLF 8854 2250, ZQD 8845 0758,Saigon 8854 2053,Singapore 2113.Wx on KVM70 5574 0855, Kai Tak 8905 1045,Haneda 8905 0935.
PTP Logs are NAU3 19500a 2030,Tophand 9100a 1000,VIM 6880a 2345,Argentina 19990a 0250,Bandung 20100a 1050,Nome 13900a 0745,Pnom Penh 19900a 1030.

POLICE:VKC Melbourne 4780 2240,VKG Network Sydney 0025,Parke 0025,Newcastle 2223,Wagga 2225,Dubbo 0015,Tamworth 0017,Goulburn 0520 all on 6905. VKR Network all on 6905 also -Lismore 2223,Mackay 2223,Brisbane 2223, Townsville 2242,Bundaberg 2245.

COASTAL RADIO:Logs are VIS 6280 0230,VIR 6280 0205,VIH 6280 2225,VIB 6280 at 2230.

REDS(Flying Doctor):Logs of VJJ 6845 0600 and VJC3 6920 at 2255.

QSL's:AERADIO VZSY,VZDU,VZLH,VZCH,VZPH,Singapore and KVM70.

POLICE: Melbourne,Wagga and Bundaberg,(VKC,VKG & VKR).

Samson has also logged during the Sydney to Hobart Yacht Race the Radio Ship Mai Mai on 6700a at 0605 giving positions to VIS & VIH..He also advises the Prince of Wales Hospital at Randwick is on the air daily for 12 hours with its Pageing Unit on 27120 khz.(Letter following).

Tony Wege,Adelaide in a brief report states he has logged mainly with JR WVVH 2500,Chinese Govt Radio 9130a,JJY 10000,CUW 15750a,ADL 16050a and S^oockholm 16250a plus some of the Sydney Hobart Yacht race signals on 6280.

Geoff Thomson,Heidelberg;Reprts :

- 10440 DKD Germany with RYS
- 11430 HME28,HMW51 Pyongyang KCNA News Service TTY
- 11453 IMB31/32/33 Rome,CY RY TTY on WX schedule broadcast
- 12219 SUA.JAR with TTY Middle East News Service
- 12350 ATR64 Bombay with fault msg for Baghdad via London TTY
- 13070 ATR64;Calcutta testing with Bangkok TTY
- 13160 BCJ24;BCL21 China TTY with RY test
- 13195 RXA73,RTD73,RME20,RDZ17 Russian TTY TASS News service
- 13540 9VE Singapore testing TTY
- 13570 YTC3 Beograd TTY RY Test.
- 13860 DKT Germany testing TTY

Ernie Moore,Brisbane has logged;

COASTAL RADIO:

- 6376 WCC Chatham 0740 calling CQ
- 6425a FPL4 St Lys 0735 calling CQ
- 6428.5 VIX Sydney 0920 wx report.This is actually VIX3 Ernie
- 6445.25 CKN Vancouver 0740 v marker
- 6460a KUP32 0933 calling CQ
- 8455a Manila DZG 1848 calling CQ
- 8522 FPL4 St Lys 0737 calling CQ
- 8570 WNU Slidell,USA 0740 calling CQ
- 8574 HJU Buenaventura 0756 calling CQ and traffic list:

Ernie Moore continues with

8610 WSC Tuckerton, USA 0728 v marker
 8646 DZG Manila 2005 calling OQ
 8670 IAR Rome 1935 v marker
 8690a 4XO Haifa(?) 1945 calling OQ
 8710a GLA Habana 0744 v marker
 8720 OFJ Helsinki 0749 calling OQ
 12750a KFS Palo Alto, California 1404 calling OQ
 12920a JXZ 0745 calling OQ
 13020a VPS Hong Kong 0955 v marker
 16730a ELOR 0514 calling KFS
 17000a POE92 0753 calling OQ
 17010a KPH Bolinas USA 0325 v marker
 17030a FFL8 St Lys 0811 working FNUB
 17075a PNK 0430 & 0800 calling OQ
 17090a IQX 0807 v marker
 17140a LJDU calling LFT 0746
 171200a PKI 0733 calling OQ

Ernie also has Aeradio reports out to the following with wx Phone
 Honolulu 5575a 0855, VZSY 8850a 0425, Nandi 8850a 0420, Hong Kong 8910a
 1145, Tokyo 8910a 1110, these are followed up by PTP SSB on 13180a Rome
 Maritime Radio Telephone ID in English and Italian at 0800 and US R &
 on 13790a with ID at 2000. (Have corrected frequencies where known and
 entered QTH also Ernie to assist other members).

Steve Thurlow, Cabramatta, NSW back at the helm again has the following:
TIME SIGNAL STN. Logged and QSL'd Mt Stromlo Observatory on 8478.
NAVAL RADIO: Logged and QSL'd VHK HMAS Harman on 8554. Also Police VH7AK.

SHIPPING

Logs; KHTP Sonoma 8522 0510, VJZC HMAS Vampire 8352 0515, VJQM Daylesford
 512 1120, SWIA Queen Frederica 8522 1022, Magnolia 8522 0852, VJLR HMAS
 Sydney 8352 0932. The following vessels on 500 khz-FNCA Vosges 0915, VMTG
 Yarrunga 0949, VJRB Iron Kimberley 0919, SZNM Arcs 0917, GBTM Helenus 0931
 ZMTZ Kaitoke 2309, JXOA Tarn 2215, VJPD Bulolo 0853, VJNL Hemiglypta 2150,
 PHTV Straat Singapore 2251, ZMEC Kaimiro 2309, VJMF Koonya 0115, VJCP Lake
 Torrens 0927, SJVT Broholm 1022, VZMB Tatana 0922, VLWB Malekula 0923, GEMB
 Wavebank 0055, FNDG Malais 0942, VJLR HMAS Sydney 0932.
 QSL's: VJZC VJQM SZNM GBTM JXOA VJPD PHTV VJMF. All CW xpt SWIA on A1

Bob Mutton, New Town, Tas: has reported:

AIRCRAFT-VH-TJC on 3404.5 & 3008 and VH-INJ 6612. Also 36 on VHF
AERADIO- VZLC 3404.5; VZAS VZDN VZPH VZMR VZKG VZFT VZCD VZCR & Whyalla
 on 3432.5; VZPD 6612; VZAS 6665; VZML 2292.
SHIPPING: VJ2247 2182; Bonny Mac, Mia Mia; Erma J; Grenada, Huon Lass, Onrust,
 Alcheringa, Banyandah, Lady Doris, Val Ma, VJ2247, VJ2526 & VJ2936, all on 62
 Wendna & Shirley Ann on 4620. Coastal Radio VIM on 2182.
POLICE: VH7AK.

FIRE BRIGADE: VKN34, VKN25, VKN35, VKN47. Presume linked to VKN8 Bob on 1665
 PTP etc: AID2 8967, HSD5 XZW AWC on 8871

Bob has the following AERADIO QSLs: VZCD VZDN VZAS VZFT VZKG all
 on 3432.5, VZLC 3404.5, VZAS 6665. Police-VH7AK 4620, plus 45 Aircraft and
 16 ships. (Hi Bob-letter following)

 All utility notes next month due by Friday 3rd March, at PO Box 287, Dox Hill, Vict.

ADXN Feb 67.

All times are GMT, all frequencies Kc/s.

TONY WEGE, Adelaide, has no logs but has QSL'd BBC Cyprus 638 and Luxembourg 1439. Nice ones Tony.

JOHN ROSS, Adelaide, has logged Mainflingen 1538 (1700).

BARRY HEWITT, Melbourne, has some notes in trail as well as QSL's from Hungary 1250, Luxembourg 1439, JORP & British Forces Aden 1241.

TONY McMAHON, Melbourne, has reported DZAQ 620 (1510) and has QSL's from Moscow 1475, 2YA 570 and Singapore 790.

ROBERT HANNA, Sydney, received a verification from 5KA.

CHRIS MARTIN, Sydney, has a good list in the trail as well as reports to Macau 737 (1515), Cairo 620 (1700), RBI 1511 (1700) and Frunze 611 (1600). QSL's from 3LO, Peking 1300, Tanzania 638, Suva 710, Iran 1325, Pyongyang 800 and L. Marques 1358.

BOB PADULA, Melbourne, has sent a list of Asians for the trail.

ERNIE MOORE, Brisbane, has reported Noumea 1420 (0930) and Estonia 1493 (1900). QSL's from Moscow's Siberian Relay 1475, Radio Fiji 890 and JOER 1350.

DES TANGY, ex Yallourn now Wagga Wagga reported 3UL 530 (0800) and has a QSL from 4YA 780.

PETER DREW, has a lonely QSL from Tanzania 638.

IAN HODGSON, Melbourne, has reported Radio Haureki 1477 (1235).

OO and OO

In the following list the first column is the frequency in Kc/s, and the second column is the time GMT.

585	1620	Pyongyang fair Korean	CM	850	1400	Pyongyang vg Korean	BP
590	1630	KOMB fair GRM China	CM	1060	1230	HLKX fair Russian	BH
	1420	JOAK vg Japanese	BP	1340	1300	S/off Peking ex Eng	BH
	1410	Peking vg Chinese	BP	1350	1300	JOER fair Jap	BH
610	1400	JOLK good Japanese	BP	1380	1600	JOUF good Jap	EM
611	1600	Frunze good Russian	CM	1420	0930	Noumea fair GRM 3XY	EM
620	1430	Peking vg Chinese	BP		1615	Peking GRM 3XY	CM
	1510	DZAQ	TM	1434	1400	Cambodia fair	BH
	1700	Cairo weak Arabic	CM	1466	1800	Monte Carlo fair Fr	EM
625	1445	Pyongyang vg Korean	BP	1475	1330	USSR FES gd English	BP
640	1435	DXAW fair English	BP	1480	1230	Radio Haureki	BH
655	1440	Pyongyang vg Korean	BP		1430	JORF good Jap	BH BP
670	1000	JOBK mixed 200	CM	1490	1435	JOTK good Jap	BP
737	1515	Macau fair Chinese	CM	1493	1900	Estonia fair	EM
750	1430	JOIB vg Japanese	BP	1510	1415	KGA fair GRM China	CM
773	1515	Cairo fair Arabic	BH	1511	1700	S/off RBI vg German	CM
785	1445	Pyongyang vg Korean	BP	1513	1700	S/off No 1 Inter-	
800	1410	" " "	BP	(MORE TRAIL ON P 2 →)		national B'caster gdCM	

1520	1400	Radio 20 fair Thai	BH	1540	1645	AIR Calcutta good	CM
1525	1400	Peking good Russian	BH		1400	KPOL good	CM
1530	1415	KFBK good over 5LN	CM	1560	1400	AFRS Taiwan wk Eng	BH
1538	1700	Mainflingen German	JR	1580	1430	KDAY mixed 5MG	CM

Thanks to=: JR John Ross (L.A.-Kaide) TMc Tony McMahon (Melbourne)
 BH Barry Hewitt (Melb.) CM Chris Martin (Sydney)
 BP Bob Padula " EM Ernie Moore (Brisbane)

Competition Results.

1st :	Tony Wege)	Luxembourg	1439 350 k/w	98 pts.
	Barry Hewitt)			
2nd :	Chris Martin	Iran	1325 100 k/w	73 pts.
3rd :	Ernie Moore)	USSR Far East, Station 1475	100 k/w	68 pts.
	Tony McMahon)			

Some news from Rolf Blodern, West Germany.

New Russian stations noted recently have been on 1295 and 1439 kHz. Both are carrying the Maysk program. The 1295 station signs on regularly at 0200 GMT, the 1439 station is still testing irregularly. It seems to be very powerful as it interferes with the Luxembourg transmitter. Incidentally, Rolf is about 160 miles from the Lux. TX.

The new station at Tirana on 1214 khz has been drowning out the BBC completely in Central Europe. At certain times Rolf has been hearing it on 1394 khz, eg 1630-1700, and 2030-2100 GMT. Rolf hopes that we can possibly log it during the 1630-1700 broadcast.

Rolf also notes that the new Kabul transmitter on 1280 khz is audible at sign on at 0200 GMT.

Rolf indicates that reception of Australian medium-wave stations is just about impossible, unless the ABC start using 300 kw transmitters soon! For the record, there is a report that the ABC will begin 24 hr operations soon, so there may be hope yet for European DXers.

Leonard Freeman, of Lancashire, England, has kindly sent along a clipping from an English paper, concerning the proposed BBC non-stop pop music program. Two Home Service standby emergency transmitters will be used to boost this new service...the BBC hopes that it will be heard during the day by seven out of 10 listeners. (More about the BBC pop-station on the next page). Thanks a lot Leonard for the info.

Remember let us have a note on all overseas stations that you hear on medium wave. No matter how common they are we will print them in the trail so that you will get an accurate indication of the situation on the medium wave band. Bob has pirate news on the next page.....

News of the Pirates..... from "Medium Wave News".

Radio 390: returned to the air recently claiming "new evidence" with the legal battle! This "evidence" shows that Red Sands Tower is at least 1 1/2 miles outside territorial waters. New evidence claims that the sandbank Middle Sands was never exposed at low tide. In Estuary's Radio appeal against the magistrate's decision, a majority verdict in the Court of Appeal held that this sandbank brought Red Sands within territorial limits. The 1964 Order in Council provided that any ground such as a sandbank which was within the old three mile limit and was exposed at low tide could be used as a base for a new three mile limit.

It is claimed that the information used in evidence by the Prosecution was not up-to-date and that the area had last been surveyed in 1959. Further investigations revealed that the highest level of the sandbank, contrary to what appeared on the chart produced by the Justices, is never above the low water datum.

Radio Essex is off the air at the moment, but they expect to move to a new port off Dovercourt very soon. A note from Roy Patrick, Derby, England, advises that an estimated 24 1/2 million people in the UK listen to independent radio every day. Roy feels that in a very short time, the Government will have to 'come out in the open and state the real reason why they are against commercial radio in the UK'. Roy also reports that Britain Radio is looking for DJ's in Germany, Holland, and France for its new project 'Radio Europe'. The ship may move off soon to Amsterdam.

Radio Luxembourg. Further information appeared in "MWN" recently about Radio Luxembourg. It is stated that the station had threatened to "go pirate" itself if its rivals were not forced out of range. "Competition in Radio" says that Luxembourg has long wanted to broadcast to the day audience but has "been refused permission by the EBU". As a result, letters were sent to the EBU and it was learnt that the EBU is not in a position to authorize or forbid a station to transmit. The choice of programs and the language that they broadcast in is entirely for the Government of the Grand Duchy and Radio Luxembourg to decide.

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Plans to counter the British pirates have been discussed at some length by the BBC..... recent announcements indicate that the BBC will be broadcasting a family "pop" program on the Light Program on medium-wave from 5.30^{PM} 7.30^{PM}, and 10^{PM}-2am, and most of the day on Sundays. Also announced were plans for an experimental VHF network, to be run by the BBC in co-operation with local authorities such as Councils, Universities, Chambers of Trade and Commerce. It is stated that there is no commitment that the BBC should provide a permanent service on this basis in the future. (MWN News)

They have their problems...!!

On the home front, "Radio Hauraki" continues to be widely heard from the Eastern states. Operating on 1400 khz, the station has been providing good reception at around 1245 GMT. Reports will be verified, and a QSL will count as a new "country", as the station operates from International Waters.

A recent article in the Sydney "Sunday Mirror" really had DXers throughout Australia and New Zealand worried! It stated "...the Australian Broadcasting Commission will extend its radio transmissions to give 24 hour service within 2 months...." An ABC spokesman would neither deny or confirm the report when approached by the Sunday Mirror. (There are 115 ABC stations in the network...if this plan becomes reality then we can just about say goodbye to M/ DX-Now waiting for an official ABC anbot).

AMATEUR SECTION

Well, it seems that I am back to the writing this section again. At this stage I see it fit to say that all notes for the inclusion in this section are to be sent directly to me. The address being - Robert Girdo, The notes should reach me by P.O. Box 324, the first of the month. BANKSTOWN NSW

No great events have happened on the HF bands in the past month or so, VHF has been open for DX contacts on occasions. Queensland has been worked every morning for seven days in a row on 6m. but now it has closed and does not seem like opening up again.

Reports came in saying that 20m. is best open during the morning on the long path to North and Central America. Also 80m. opens up well to ZL during the evenings. From the logs I can see that some of us are getting good results from 15m.

We have now also reintroduced the Best of the Month award which is given to the person who receives the best QSL. To get more points for this it is to your advantage to include the power of the station - that is if it is shown on the QSL itself. The winner for this month is Matt Brane with 145 points for OE5PWL running 200 watts CW on 15m.

Now to get into the loggings rec.

SAMSON VORON from the beach suburb of Coogee, NSW. This is his first time in this section and I hope we will be hearing a lot more from him in the future. Samson's receiver is a National NC-88 and the arial is a 100 foot long-wire.

His log...

20 m.	SSB	VP6KL	VKØCR	SM2IM	VQ9EF
		3W8D	JALCG	ZDSD	EL20
		CN8AP	VS6BE	5Z4IRK	HL9US
		7Q73C	ZSSL	9U5BB	OZ7JK
		XE2GP	ZS6JF	TR8AD	CTLFE
		YV1IA	IJ5PVS	W8GMF	VS6EQ
		YSLGN	DJ2VZ	CR6AJ	ZS5XA
		HRLJAT	YSLDH	KB6CZ	TU2PA
20 m.	AM	CP5VK			
15 m.	SSB	JA2ENN	JA5YBW	KR6KJ	KH6GEY
		DJ9FH	DJ5JL	KP4BCL	EP2BQ
		SM2BYW	DL3WM	ILLPR	9N1MM
		PAØFX	DN3CML	HP9RB	ILLCP
QSL's		VK2AGO	ZL2BEM	VK9RH	VK2AIA

JOHN ROSS from South Australia comes up again this month with some more logs.

His log...

20 m.	SSB	EA7HB	KB6CZ	VS9HRV on Kuria Kuria Is.
15 m.	SSB	G3LC		
QSL's		VKØMI	GI3JIM	

TONY WECE also from South Australia. He is the only one this month who gave a log on the low frequencies. Again the QSL list did not show the power, as many of the others. The power will give you an extra 40-50 points towards the total.

His log...

160 m.	VK5JC	80 m.	ZL3RB	
20 m. SSB	CR6GQ EA3OT EP3AM GD6IA HI8LAL HV3SJ KP4AST KC4USI/mn	OK1FY OZ3Y SM5API SV0WL UA4KED VK0CR VQ8CA VQ9AA	WA2HSL/9M XE1EEI YO9CN ZB2AK ZD3G 3C3BOG 5Z4IR 9M2DC	601AU 601GB 7Q7FBD 9J2WR YA1DAN LA5KG 9Q5HF PJ2AQ
15 m. SSB	DJ1RG JA2CWX	JA6EKM G6RJ	OE1HKW ZE4JR	4U1SU 9HLR
QSL's	XW8CA VE1AFY	VK5JQ EI3S	XW8BS DL1MM	ZS6AQJ

MATT BRANE from Broadmeadows, Vict. Matt is a Ham himself with the call VK3SL. The list below is the QSL's he received....

OE5PWL	15m.	CW	200 w.
JA4BJO	20m.	CW	800 w.
JA3BIP	20m.	CW	100 w.
UA3SL	20m.	CW	200 w.
UA0IK	20m.	CW	200 w.
JALPSW	40m.	CW	100 w.
JASEYR	20m.	CW	25 w.

ROBERT MUTTON from Tasmania. He also sends in a list of QSL's he has received.

V85MH VK5MQ
VE6QG/SU (Gaza Strip)

PETER DREW of Nedlands, West. Australia. Sends in a fairly large list. What appears below is all that could be fitted in...
His log.....

20 m. SSB	HRLJMF 9M2PO VQ9AR 5Z4FB 9J2AB 9E5JSA	TU2BA SW8D DL7FT HPLAUA PY2AQJ FO8AA	UR2KAW SV0UB CN8MT PKL U5ARTEK GD6IA	OZ3FF OH2BZ OE7GB VE2BUJ/SU ZS3HT MP4MAW
10 m. AM	DL6EN UA6PG	UY5XF DK1FT	G2CDI ILDOR	OD5AT UA3VIZ
15 m. SSB	SM4CMG DJ1RM CT1DH G4TW	OH8ST UW9CC ON8MG OE2ARW	Z8LJA 9M2NF G43UDJ DJ1LP	MP4MAW OE8KI MP4BEW F5ED

More of your log next time....

73..Bob