



NEW ZEALAND DX TIMES

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convention

VENUE BOOKED TO CAPACITY

RECORD ENROLMENT

Five self contained cabins and additional accommodation in spacious country surroundings at the N.Z. Scout Headquarters at Tatum Park, Manakau near Wellington, will be the venue for next month's convention. The programme will start at 2.p.m. on Friday 6 February with registration at the TV1 studios Avalon, in Lower Hutt. After a tour of the TV complex, the group will move to the Convention site. Dinner will be a first class affair and then an evening of DX, taking advantage of numerous aerials erected, mobile operations with loops, and the venue's 43 acres - only a mile from the coast. Several specials are scheduled during the weekend. Saturday's programme will be varied with the now traditional cricket match (perhaps N.Z. versus Australia this year); an "away" function, competitions, an auction, a launching of DXCURSION 77, and more DX. As usual there will be those 'surprise events' too! Wrap-up will be at 10.00.a.m. on Sunday 8th. Enrolments show nationwide interest with visitors coming from Invercargill, Dunedin, Camaru, Christchurch, Nelson, Haumoana, Hamilton, Auckland, Levin, Temuka, New Plymouth, Palmerston North, Wanganui, and Australia. Enrolments definitely close on Friday 16 January and a turn out of 50 is expected. No enrolments can be accepted after this date.

All registrants will shortly receive a briefing sheet covering transport, billeting, and details of the full weekend arrangements.

COPAL WILL BE AT CONVENTION - FOR YOU !

★ CLOSING DATE for next issue will be Monday 9 February to enable coverage of Convention to be featured. Send details of your holiday DX, QSL's, and ladder totals to Box 2956, Wellington.

1976

World Radio & TV Handbook

DON'T MISS YOUR COPY OF WRTVH's 500 PAGE 30th ANNIVERSARY ISSUE. AS WELL AS THE USUAL COUNTRY-BY-COUNTRY STATION AND FREQUENCY INFORMATION, THIS YEAR'S EDITION CONTAINS ARTICLES SUCH AS:-

Broadcasting in Indonesia, Relay Stations, Do it yourself Propagation Forecasting, 20 best SW receivers on the World Market, Beverage Antennas and much more!

HOW TO ORDER - FULL DETAILS ON BACK PAGE.

FROM THE BRANCHES

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SOUTHLAND The December meeting was held at the residence of Mr & Mrs George Frampton with 13 present. It was the annual Christmas Party, which the Framptons have hosted for more than 20 years. Business was brief and covered the placing of a permanent sign in a city store, the Convention and a branch picnic. A most elaborate supper was laid before members and President Harry Searle expressed thanks and made a presentation to Mrs Frampton. Competition results: BOB Steven Greenyer with KLAQ 1600 and WVUV Pago Pago 1120; Eric McIntosh DWRP Philippines 1470 80kw. SW Over 9 - Eric McIntosh TWR Swaziland 9590 30kw. Under 9 - Wyn Machon BEC 3975.

OTAGO, NORTH OTAGO, CANTERBURY, WELLINGTON, TARANAKI, WAIKATO-BAY OF PLENTY.

We look forward to receiving regular news of branch activities during 1976.

LATE BRANCH NEWS - SEE PAGE 8

FROM HEADQUARTERS

COUNTRY LIST UPDATE. Please amend your countries/points list as follows.

<u>Africa</u>		<u>Asia</u>	
Angola (Portuguese Rule) to 10/11/75		Cambodia to	
Angola (Peoples Republic) from 11/11/75		Khmere Republic (formerly Cambodia) from..	
Cape Verde Islands (Portuguese) to ...		Diego Garcia (addition to list)	
Cape Verde Islands (Independent) from..		Points - Broadcast 75 Shortwave 45	
Mozambique (Portuguese Rule) to		<u>Oceania</u>	
Mozambique (Independent) from		Gilbert & Ellice Islands to....	
Portuguese Guinea to 9/9/74		Gilbert Islands (Tarawa) from..	
Guinea Bissau from 10/9/74		Tuvalu (Funafuti) formerly Ellice) from..	
Sao Tome (Principality) to ...		Nuie (NZ Dependency) to ...	
Sao Tome (Independent) from ...		Nuie (Independent) from	
		Papua New Guinea (Australian administration) to 15/9/75	
		Papua New Guinea (Independent) from 16/9	
		Admiralty Islands (separate country)	
		Points - broadcast 47 shortwave 18	

In some cases dates of independence and other changes have varied between news reports and therefore dates will be checked against the previous 'yard-stick', the Britannica Yearbook, before publication.

FROM THE BOX 2956 MAILBOX



POSTAGE INCREASES of 100% take effect in New Zealand on 2 February. with internal surface letters to 8 cents and airmail to 10 cents. Magazine rates (for the Times) do not at this stage appear to be substantially increased however. Of biggest interest to the DXer is the effect on overseas airmail rates, but when your Editor contacted

the Post Office HQ on 6/1, the response indicated that details are still with Government. One hint from your Editor - IRC's will surely cost more, so ..

CONGRATULATIONS to Victor Goonetilleke on his marriage to Niromi in Sri Lanka on 6 December. Victor is well known as perhaps Asia's leading DXer and is now handling the 'Asian DX Report' over Radio Nederland DX Jukebox.

WORLD DX-CLUB YEAR 1976 has been proclaimed by the European DX Council, in collaboration with sister organisations throughout the world, as well as leading SW broadcasters. The idea is to promote the DX hobby as widely as possible and also to strengthen the relations between DXers, DX organisations and broadcasters. DXers are asked to tell their friends of the pleasure and usefulness of the hobby, helping them to compile their first reception report and getting them to join a DX club. Branches should arrange regular meetings, with QSL-discussions, technical hints, DXing etc. They should also make their existence known through local papers, displays and posters.

PENNANTS POST is suggested by member Brent Allred, as a feature in the Times...

CONCLUDED PAGE 8

BROADCAST DX

with Bryan Clark 3

CONVENTION SPECIALS. Theo Donnelly, long-time League member and 'QSL Manager' at Radio Station CJVB, 814 Richards Street, Vancouver 3, BC, Canada is producing two special 15 minute programmes dedicated to the League and the New Zealand Day weekend. These will be aired on 1470kHz (10kw) at 0815 GMT and 1345 GMT on Saturday 7 February (thats 9.15pm NZDT Saturday, 2.45am Sunday). Our thanks to Theo in anticipation of these efforts and there'll be many fingers crossed for favourable conditions on the 7th!

2AY, Dean Street, Albury, NSW 2640 will greet conventioners at 1005 GMT (11.05pm NZDT) also on Saturday 7 February. Their frequency - 1490kHz. If you haven't QSL'd 2AY, why not report on this special broadcast. We can recommend their QSL - it was produced by a League member!

A special call from the new Trans World Radio outlet KTWG Guam on 770kHz is also planned but final details have not been received. Unfortunately our proposals for a special League programme over Radio Cook Islands have met with no success.

Even if you don't hear any of these Convention specials, why not drop a postcard of thanks to the broadcasters in appreciation of their cooperation with DXers. Thats in the spirit of World DX-Club Year 1976 (per page 2).

NEW ZEALAND SCENE. Radio Windy 2KW is tentatively scheduled to make its move from 1080 to 890kHz on 29 January. 2YM Palmerston North 1410kHz will have its power increased from 1kw to 2kw, towards the end of February, according to a QSL received by John Alchin. David Valois has received the following info from Radio Waikato - "Earlier this year (1975) the Postmaster General revoked the warrant for Radio Plains repeater (projected for 810kHz, Ed), at the request of the Board of Directors of Independent Broadcasting Co.Ltd. Because the repeater would be retransmitting 1KW programme only, and without the long sought permission to break-out for local programmes, the board decided that the increased advertising revenue would not balance the much increased establishment costs and the venture would become an economic liability, possibly endangering the whole operation". Via Philip Brooks comes news that Canterbury University Students Assn (Christchurch) has applied for a short-term license for "Radio U" to operate 23 February to 6 March. This follows similar broadcasts in recent years by Auckland and Otago Universities. Some comments from the Acting Director General of Radio NZ in response to enquiries from Ash Nallawalla - "There are no firm proposals for a station at Qamaru at the moment but it is one of the stations under consideration by Radio NZ in future planning." and "The increase in the 24 hour transmissions to regional stations has been brought about by popular demand for all-night reception. This is particularly true for those more remote areas such as Northland, Central North Is., and Alexandra, where reception of 2YA is not always reliable".(!) Thanks to John, David, Philip and Ash for these items.

REPORT CONTENT. Commenting on last months statement from the Chief Engineer of KOXR, Theo Donnelly disagrees that music details are unnecessary because logs aren't kept. "I know that written logs aren't held, but ANY details are helpful, as any station can recognise its music from the pattern emerging ... so please ask DXers not to drop anything they hear. I would be inclined to verify a report with just music described and no id, providing our pattern showed through".

Contributions show some very good catches from North America in the past month auguring well for the New Year. Into the mail....

PAUL EDWARDS Wellington has logged KOB Vladivostok 1250, KOMA, KUAM, KORL and FEN 810. QSL in from KHVH 1040 who say 10kw requested on 1010kHz. Good trail!

ANDREW WHITE, Christchurch has QSL'd WWL and 4YW. Reports to KDKA, WWL, 4YW.

PAUL RAWDON, Wellington has reports out

to KPOL, KOA, KAIM, WXLE. Verie from CFRN. Thanks Paul.

SUTTON BURTENSHAW Invercargill has a solitary log JOIR 1260. QSLs are ppc (prepared cards) from HJOG 1300, HJAD 1330, 6TZ 960. Usual replies from 4WP 1040 and JOIR.

PHILIP HOPE Oamaru has logged KPOL, WLAC, KXYZ, XERF and QSL'd 4YA, YW, YQ, ZB, KFAB, 1YK and Fiji 1320. Plenty more, Philip. C.U. at Convention.

ASH NALLA NALLA Dunedin has been busy with reports out to Paradise, Hauraki, KGMB, Whakatane, Waikato, Noumea, 1YK, ZU, ZH, ZB, ZM, ZK, ZE, ZN, ZT, ZA, ZD, ZW, ZH, ZP, 3GL, ZB, ZC, 4XD, IP, JW, WK, YA, ZB, YQ, YW, JOER, JOVR, KFVS (tentative?) QSLs in from 4BC, 7EX, 3XY, HA, YA, CJVI, Bonaire 800 and Fantasia. Please refer DXing made Easy for B.O.M. requirements.

PETER MOTT Christchurch has verified ZSM and has logged 4XD, ZA, 2RE, UW, 1ZB WVUV and KGMB.

ARTHUR CUSHEN Invercargill has reports out to ZOC 1210 (4XO off 8/12 3am), JOIR, JOLK, JOKK. QSL from 2XG 890.

DES DAVEY Te Kuiti has a lone QSL from XERF. Have a good holiday! MW notes on separate page from SW please Des.

CHRIS MARTIN, Sydney shortly to make a DX excursion to Convention 76 has logs of 4MS, QY, SO, MI, QN, LM, MB, 2KP, BY, NU, CC, 6DL, Thai 830, Libya 1448, Tanzania 1214, Vidin 1223, Tbilisi 1043, Tananarive 1502, Karachi 830, Hanoi 1010, Vila 1420, Rumania 1052, India 809, 910, 1390, KYXI, KNEW, KKIS, KRMG. Great stuff! C.U!

MERV BRANKS Invercargill has logged KVAC, CJVB, Funafuti, 4YQ. Merv, these notes postmarked 29/11 at 5.30pm were addressed to Box 2856 and therefore missed last month. See you soon?

ALAN ROBSON Christchurch back in the fray with logs of KGMB, WGN 720, WOAI, KFRE, WSUN, Fiji 1470, Sutatenza 810, KNBR, CJOR, XEB, KEX, KABC, KMJ 580, KAIM, KGBS, KPOL, KDAY, WLS, KVOO, KGW, WMAQ, Cuba 600 and KNBS 620. QSLs KEX, KPOL, WLS. Very good effort Alan.

BRYAN CLARK Wellington has veries in from 6XM 1190, KTWG 770 (World First!) KBCQ 1020, KAYC 1450 (150th Nth Am.) & CJVB. ZNS1 logged in Wgtn - 5th try. Logged at Whangaparaoa in New Year week: KTOM (3rd try), Funafuti 580, 2HD 2CH, KMPS 1300, KDWN 720, 4QS, GY, BU, WSM, WMAQ, KGHL 790, KOHU 1360.

LAURIE BOYER Invercargill, another to purchase a QR666 recently, has report - ed XET, ZNS1, XERPS (XEPRS? Ed), CMJG, KVET, Paradise, Fiji 1320, KRVN, KCEY, 3ZO Fiji 1470, 710, KTOM, CMGW, KMPS, Rhodes 1259. QSLs 2ZG, 3ZC, Fiji 560.

DENE LYNNEBERG Wellington has logs of 4NA 920, WSZD 1450, KTWG 770. Veries in from KDKA, 6XM 1190, Samoa 1120.

4 PAUL ORMANDY Oamaru with another bumper month advises logs as Fiji 890, 1320 KVAC, VTW, 3YW, Kuwait 539, KCBS 725 (I'd prefer we call that Nth Korea as KCBS San Francisco is on 740), HLKA 715, CMJG 1269 (every list says 1kw), KKIS, KELI, Paradise 1265, WENN 1320 special. (When you say it was a quality report do you mean you didn't hear enough for a normal report? Ed). QSLs XEPRS, PJB, KVOO, CHQM. Paul comments "CMJG 1kw seems a little hard to believe as does what I heard on 22/12 on 1200kHz at 0835 GMT. - This is AFNCN. Meeting the Press - AFNCN is USAF call sign of 50w Puerto Rican!"

PHILIP BROOKS Wanganui has been logging that oft-heard WORK, plus on BCB KGMB and Singapore 790. QSLs from 2XG and KOB 770. May want some wire; see you at Convention.

GORDON HUTCHISON Kaiapoi has logged 2ZM, KOMA, KSTP, KLIV. QSLs received from 1ZU, ZM, 2ZE, 4XO, ZB. Some good Yanks coming through now Gordon. The lower frequency end Yanks aren't as regular as the top end of the band. Frame aerial a good performer usually. Perhaps a simple antenna tuning unit? Can any other member suggest how Gordon might improve reception in the 540-1000kHz range?

HANK WILKINSON Bellevue, Washington, USA (sounds like NZ Hank!) has reported Fiji 640 & HJJM Radio Uno 660. Veries in TIEEAW 1525 300w!, Kuala Lumpur 885 Lautoka 640 and HJJM. The Malaysian is country 69 for Hank - only 31 to your target! No need for specifics in Ladders etc. Just submit current totals to this address. Will write.

ARTHUR WILLIAMS Invercargill has logged ZNS1, KVET 1300 & WXLE again. Veries 2XG and KVET. Arthur tried DX on recent visit to Stewart Is. with Neville Henry & Steven Greenyer. On the National 10 transistor KFBK 1530 was regularly hrd, also WLAC and KDAY.

ROBIN CHAMBERS takes a rest from harvesting with reports to WGEE, WL0L, HLKB, JOGB, KRMG. QSLs XEDM, KFJZ, WGEE, Rhema, JOGB. (You once said Yanks didn't come in too good up there Robin! Hope you can make Convention too. BC)

DAVID RIGQUISH Christchurch has logs of KALI, KNBS 620, KUBA, JOUB. Veries - 3ZZ, KOAC 550 (who could remember 1 previous report from NZ), JOUB & CHAB 800 who sent everything but the transmitter and thought David's was their first report from NZ. Great! C.U. Feb.

BROADCAST TRAIL

MORNING

539 Kuwait good AA 1330 PO.(bit early?)
 570 JOIK 1425
 610 JOLK good 1430.
 660 GGF fair 1550
 645 Peking in Indonesian 1330
 670 JOBK mxd Aussie fair 1410.
 690 JOAB way over 3YA 1400.
 710 Philippino fair 1705 fading.
 715 HLKA exc in Korean
 725 North Korea fair in Korean 1235.
 750 JOIB vg 1505.
 790 Singapore Nx vg at 1530.
 791 DYVL good 1555
 830 JOBB poor/fair JJ Nx 1500
 890 HLKB exc 1549-1620.JJ to 1600.
 960 KFVS(?) poor 1407-1415.
 970 KOIN mxd KPUA & 5DN 1400.
 1040 WHO 1215 poor id,mixed.
 1140 VOA Poro Vietnamese 1438 fair
 1178 VOA Okinawa JJ s/off 1700.
 1250 Vladivostok s/off JJ 1430 exc.
 1350 JOER fair. Ident 1241.
 1400 JOVR fair with EE pops 1201.
 1445 R.Elbama(Who?)weak pops 1630.
 1475 Kremlin bells 1630.No Diego!
 1525 Urumchi in CC.All night,good.
 1580 VOFPA over FEN 1445,good.

EVENING

548 USSR good in RR 0955.
 550 K TSA pops 0900 fair.
 KMVI id 0815.FE.Sports vg 0725 BC
 580 KMJ fair mxd 4QR.NBC Nx 0900. AR
 Funafuti signs off 0830,vg.
 KMJ/CKY fair (time?)
 590 JOAK & Chinese mxd 1020. RC
 KGM"Super B" regular 0815. Many
 CMW"Radio Habana,Cuba" id 0705.BC
 poor 0858.FE.0800 int.sig.AR. RC
 600 Cuba here //590.Good 0930. AR
 KOGO 0845 fair.CJOR Nx 0900. AR
 610 KUAM Guam fair in EE (time?) PE
 KFRC fair 0900. AR
 620 WSUN Nx 0930 fair 17/12 only AR
 Nuie relaying RA Nx 0707,good.BC
 KGW pops 0843,0900. BC AR
 KTAR mixed KWFT? 1100. PO
 KNKS s/off 0800 fair 23/12. AR
 630 KHOW over NZ 0811. PO
 640 KFI Phone show vg 0725.BC.0900.AR
 650 KORL dedication pops 0650,0915.
 WSM in KORL null 0726,fair. BC
 670 WMAQ Nx,wx,ads.0805.BC.0815. AR
 KBOI over WMAQ 0849.(?? s/off
 sked 0700.Ed) PO
 680KNBR Nx fair 0700.BC.Nx,wx,0930.AR
 Canadian here 0834 3/1. BC
 710 KMFC NBC sports promo 0711. BC
 Fiji steady 0415.BC.Hindu 0800.FE
 720 KDWN"K-dawn" mxd KUAI 0830 31/12.BC

730 XEX fair in SS 0830.AR. 1007. FE
 CKLG still very good 0945. BC
 750 WSB mixed Aussie 0800. PO
 740 KRMG dominant 0813-0832,strong.RC
 Tahiti strong evenings.BC.0945.AR
 HLKG over 2BL 0900. RC
 770 KOB vg 0815.FE.fair 0920 due 1YA/
 780 WBBM Nx mxd KCRL orch.0810.BC. BC
 790 KGHX Wx over KABC 0718. BC
 KKON s/off good 0758. BC
 800 PJB 0915 "Radio Trans Mundial" FE
 North Korea strong 0855. BC
 810 Sutatenza 0917-0926 poor 20/12.AR
 830 KIKI poor-fair 0817. PO
 835 Chinese here 1020, fair. RC
 840 WHAS CBS Nx 0703,no sign NZ. BC
 844 VTW Gilbert Islands exc 0912. PO
 850 KOA fair-good 0856.PR.0805.RC. AR
 KICY Nx 0905 fair 29/12. BC
 870 WWL Fishing report vg 0835.BC. AR
 JOGB good 0957-1015,EE nx 1000.RC
 890 WLS poor-fair 0930, pops. AR
 JOHK good 0903. FE
 900 CJVI dominant 0805.RC. vg 0837.BC
 910 KNEW & KJJJ mxd 0830 and later -
 KRIO ident mixed 0742. BC
 920 KGAL tentative ident 0815. BC
 KARN mxd but clear id 0802 16th.RC
 940 KFRE often over 2ZA,0815,0843.ARPO
 950 KJR 'biggest hits' vg 0720. BC
 JOKR fair in JJ 0830. BC
 960 KOOL dominant,clear id 0800. RC
 KABL Wx 0730. No sign NZ. BC
 990 CBW s/off 0703 very good. BC
 KKIS sport 0728.BC.0915 medics.PO
 XET fair at times 1030. AR
 1010 CBR 'Auld lang syne' 0700 1/1. BC
 1020 KGBS Talk show 0815.MB.0900 f. AR
 1030 WBZ phone show,good 0725.BC0930 AR
 VQO only poor 0845, //5020. BC
 KTWQ good Mondays with WBZ off
 0631.BC. Also 1140. PO
 XEQR Radio Centro ident 0902. BC
 1021-2 Philippino good 1009-1020. RC
 1040 KHVH & WHO mixed 0706.KHVH 1137.FE
 1045 Philippino good 1005. RC
 1070 KNX fair over 1ZB 0900. AR
 1090 KING film advts 0633 fair.0900 BC/
 1100 WWWE "3WE Wx" fair 0718.BC. /AR
 1110 KRLA ident 0900, fair. PB
 KFAB fair 0900. AR
 1115 DYRM some good peaks 0952-1002.RC
 1120 KMOX under Samoa, 0849 poor. PB
 1130 CKWX Sports News fair 0646. BC
 1133 Voice of Reunification vg KK 1040
 1150 XEJP "Hora de Mexico" id 0929/BC
 1160 KSL exc 0639.BC. good Nx 1030. AR
 1170 HLCS over XCH 0920. RC
 KOHO fair 0745 JJ.AR.JJ pop 0937/
 1180 WHAM with jazz 0743 thru NZ.BC/BC
 1200 WOAI fair thru NZ, 0800,0817.AR BC
 1220 XEB poor 1030.AR."R.Cuatro"1145.PO
 1260 JOIR fair 0910. FE
 KGIL 0911.PO. KPOW id 0920. FE

CAN — AM REPORT 6

ARGENTINA Radio Nacional, Rio Grande, Tierra del Fuego 640kHz expects to be 50kw soon. Radio Nacional LRA 870, LRA14 540 and LRA7 750, LRA23 910 are all on 24hrs. MWC via NRC, BEC MS(c)

COLOMBIA Radio Melodia 730 address is apt Aereo 19823, Bogota, DE.

ALASKA New station KANC operates 24 hrs daily on 1080kHz with 10kw. Address for reports is Mt Susitna Broadcasting Corp., Box 4-2287, 848 East Loop Road, Anchorage, Alaska 99509. SCDXers

USA The FCC has lifted its freeze on applications for new stations. Some will also be allowed to increase power with a new power step of 2500 watts now allowed. Levine NRC
 580 CKY Manitoba now 24hrs NSP.
 620 KTAR Arizona is Mutual Network.
 810 Jacksonville, Ala. seeks 50kw DA2.
 850 KICY sked 1700-1055 GMT.
 910 KGLC Oklahoma is 24hrs.
 910 KRRV Texas granted new call KKIM.

- 1030 KTWO is now 50kw day & night, U4.
- 1170 KPUG Washington seeks 10/5kw.
- 1190 KAYQ is now progressive country.
- 1260 WBUD NJ is 24hrs NSP.
- 1270 KGUY California is NEC Network.
- 1270 KBAM Washington, Mutual network.
- 1270 WVOY Michigan CP U2 5kw/5kw.
- 1280 KIT Washington sked s/off 0800.
- 1300 KMPS ex KOL has slogan KomPaSS (Compass) Country with C&W music.
- 1360 WHBG Va seeks 2.5kw DA nights.
- 1360 WCGL Jacksonville, Fla ex WOB.
- 1360 WSAI is 24hrs, Ohio.
- 1380 KUDL Kansas is now in NBC's NIS all-news network (like KFBK) & plans 24 hour operation.
- 1450 KCLD MN ex KFAM.
- 1450 KONP Washington on Mutual Net.
- 1460 KILO Washington ex KYAC (not on 1470 as listed in error Dec.)
- 1490 WVIM MS seeks WJFL.
- 1540 KBUY Texas seeks KRXV.
- 1590 KUUU now programming pre-1963 mx, with slogan "KU-16".
- 1600 WOKB Florida seeks 5kw nights.

Credit all to NRC DX News

MAILBAG concluded

JOHN ALLCHIN Auckland has made good use of the holidays with logs of 1ZH, ZC, ZN, XX, 2ZW, ZM, ZA, ZD, YA, ZC, ZN, KM, KY, CA, RE, WG, WL, 3WL, ZM, ZC, ZB, XA, GL, 4WK, 7LA and KFBK. QSLs received from 1ZC, ZN, 2ZB, ZW, ZA, ZD, YA, ZC, 3ZM, ZB & KFBK. Reports should go to the originating studio in the case of commercials ie 1ZE care of 1ZN. Nationals can go to location if a studio is based there eg 2YM to Palmerston Nth, but 4YW to Dunedin. Agree re allnighters but see my Whangaparaoa logs in Trail..great possibilities up your way.

- 1260 XEL good 1140 mixed Aussie. PO
- 1265 Paradise from 0900. PO. Fair 0905. AN
- 1270 KNDI a pest from 0635 on. BC
- 1269 CMJG vg Nx in SS 0813. PO
- 1300 KMPS "Compass Country" 0852 dom. BC
- 1320 KXYZ fair 0933. PH
- 1330 WLQL good 0718-0730. RC
- JOSF fair in JJ 0820. BC
- 1360 KOHU full s/off anncet 0758. BC
- KGB plenty of pops, good 0810. BC
- 1380 KTOM country music, good 0807. BC
- 1385 WXLE always here 0715 onwards. BC
- 1410 CFUN vg in 2YM null 0744. BC
- 1430 CKFH good 0745. KELI mxd XEOX 0700 PO. (Surely KALI in SS? Ed)
- 1450 KVEN a/n Mon 0700. MB
- 1470 CJVB makes reappearance 0800. MB
- 1490 KDB fair-good 0735-0740. RC

BEST OF THE MONTH

SENIOR HJOG Cartagena, Colombia
 1300kHz 1kw
 Sutton Burtenshaw.

JUNIOR HJZI, Bogota, Colombia
 1550kHz 5kw
 Ash Nallawalla.

N.B. Very few entries comply with rules set out in "DXing made Easy" Effective next month entries must include call, location, freq, power, date/time heard, month reported to DX Times and points from NZRDXL Countries/Points List.

- 1510 WLAC f/in 0620. BC. 0838 fair-g. PH
 KGA in WLAC's null 0730. BC
- 1520 KOMA fair with NZ 0730. AR. pops PE
- 1530 KFBK f/in 0625. BC. Exc 0912. PE.
 strong regular 0800. AR. Fair. PB
 KGBT EE & SS id 0658 good. BC
- 1540 ZNS1 "Music till Dawn" 0800 Mon. MB
 KPOL 0700 fair PB. good PR. 0759PH
 id good. PE. AR. Fine music vg. BC
- 1550 KKHI Opera promos 0650 vg. BC
- 1570 XERF good all night. PH. AR.
 CHLO sometimes with XERF 0730 MB
- 1580 KDAY fair 0820. FE. 0845 rock vg BC
 Tx Messrs Edwards, Ormandy, Branks, Hope,
 Robson, Rawdon, Brooks, Nallawalla, Clark
 (Whangaparaoa) and Chambers.

DX PEOPLE

7

Paul Ormandy of Oamaru was selected as first recipient of the League Junior DX Award. The junior (under 300 QSLs) member receiving this award is that person who Adcom and Magcom consider has made the most progress in the DX hobby and the most worthwhile contribution to the NZ DX Times during the preceding year. Paul received his Award at the 1975 Annual General Meeting in October and his prizes include a special certificate, personalised League stationery and a 1976 World Radio TV Handbook donated by Arthur Cushen.

Since taking up the hobby under 2 years ago, 16 $\frac{1}{2}$ year old Paul has DXed both the shortwave and broadcast bands, with some 200 SW and 160 BCB QSLs in his collection to date. He has also been interested in Utility DX and Citizens Band. His first receiver was a Philco, and he used the former George Beardslore Patterson for a period. Now a Barlow Wadley XCR30 is operated with very good results on both bands. An external longwire antenna runs 110ft NNW at a height of 15ft. For Paul, the best QSLs to date are Radio Tropicana, Ecuador on 540kHz and BBC London on 3970kHz. His favourite station is Radio Nederland. He has also taken an active part in North Otago branch affairs and has been editor of the branch newsletter. He is just beginning an electrical apprenticeship and hopes to diversify into electronics/computer fields.

Congratulations to Paul and we wish him every success in his career and continued success in the DX hobby.

John Royle - a tribute

It was with regret that we learnt of the death of John Royle on 7 December 1975. John was a foundation staff member of Radio Australia. It was his voice that listeners heard on 20 December 1959, launching the first transmission of Australia Calling - the forerunner of Radio Australia.

To many DXers, John was well-known as a newsreader, both on the domestic and overseas services of the ABC. He also worked as a newsreader on ABC TV (ABV2 Melbourne). Another of his talents was in the field of television commercials. His retirement from the ABC took place not long before his death.

John Royle will be remembered for the high standard he set in newsreading, the clarity of his diction, and excellent pronunciation. Bruce Williams
Times Publisher.

Norm Maguire of Honolulu, Hawaii was a welcome visitor to NZ recently, contacting League members in Auckland, Wellington, Christchurch and Invercargill. He ranks as one of the leading DXers in the USA and the world with 2850 broadcast band QSLs amassed during 40 years in the hobby, from 56 countries. 407 are from outside the USA and include 13 from New Zealand. Norm is best known these days for his work in the National Radio Club Achievement Awards and Supremacy Ratings (equivalent to the League Ladders and our Competition Secretary's duties). The NRC is the leading medium wave club in North America with over 750 members.

Norm did most of his DXing in Connecticut and later in Albuquerque, New Mexico where he was Engineer for KOB (770kHz) and also owned his own station for a time. Nowadays he listens from a beach-side highrise apartment building in Honolulu, with a Hammarlund HQ180 and loop aerial designed by Ralph Sanserino. DX isn't easy with 16 radio stations in view from the apartment! In fact it's necessary to set up the receiver and loop outside on the balcony of his apartment to have any real prospects for DXing. Incidentally, living in a neighbouring apartment is none other than NZ-born Alan Roycroft, Mr 'Hawaiian Radio' to many DX enthusiasts.

It was our pleasure to meet Norm Maguire and to share many anecdotes from his his long association with the DX hobby. Long may it continue!

BC

MAILBAG Paul Rawdon, Lower Hutt has a report out to ABMNO Wagga Wagga (Ch1 NZ) seen after TV1 signoff. Owen Barriball now in Sydney is using a VHF receiver covering 54-217MHz in 3 bands - it cost him \$58. Logged are ABCN1, ABHN5, ABWN (Channel 5A), NBN3, WIN4, ATN7 and TCN9. ABC-FM Sydney on 92.9MHz logged with test; signal very strong 40m from Sydney. Thanks Owen! Bryan Clark has verified TV2 Ch8 as reported from Timaru and has an 8 element yagi up, cut for 95.1MHz.

ABC-FM network goes on air 24 January with 50kw. Tests from Sydney 92.9MHz and Melbourne 105.7MHz were relays of 2FC and 3AR. Melbourne was in stereo, while Sydney used 2 mono channels. Other stations in network are Adelaide (the key station) 92.1MHz and Canberra 101.9MHz. The network will run 18hrs a day not 24 as previously planned. Chris Martin SD, Bruce Williams

2MBS-FM in Nth Sydney on 92.1MHz is suffering interference from ABC-FM on 92.9 in some areas of the city. Frequency allocation unfortunate especially with 400w output of 2MBS compared with 50,000w of ABC. Frequency change for 2MBS likely as is increase in output to 10kw for them and 3MBS-FM Kew Melbourne on 92.5MHz. Williams, Ricquish

EDUCATIONAL TV broadcasts were begun 19 September by Waikato Post Primary Teachers Assn, with a regular Friday transmission originating from TV2's Hamilton studios.

TV & FM DX which appears from time to time according to availability of space, will in future be edited by Brian Oliver. BC

FROM THE BRANCHES

Continued from page 2.

CANTERBURY The December meeting was held at the Johnstons with a good number attending. The meeting was preceded by a barbeque which was enjoyed by all. Next meeting will be held at David Ricquish's at 7.00pm on Saturday 17 January. Competitions: Nth Am ECB Alan Robson KTSa 550. A/NZ also to Alan 2GZ. SW Austin Hadler Portugal 17880 and Peter Mott Vila 3945.

PENNANTS POST ...in which members will submit descriptions of new pennants received. Brent comments: "I find pennant collecting equally exciting as collecting QSLs, and I'm sure many others feel likewise". If you receive any pennants from SW broadcasters let us have a full description and details of any special requirements needed to obtain them, ie return postage, a series of reports etc. To keep info up to date, details of 1976 receipts only please. Depending on response, info will appear as space permits.

CORRECTION to our front page article on Radio Australia in November Times. Info to hand leads us to understand that the Telecom (Australia) incorrectly listed Darwin 250kw in their latest tentative schedule. The frequencies in fact applied to the new Carnarvon site.

ITU CONFERENCE. Info further to last month's front page held till next time but an interesting quote from Acting Director General of Radio NZ in letter to Otago branch: "There is a possibility that stations in the broadcast band will be placed closer together but this can only be done progressively and may not affect NZ stations for some years."

SHORTWAVE STATION OF THE MONTH

An external broadcast from Vientiane in the Peoples Republic of Laos is being received on 7145kHz. Best NZ reception is in the 1100-1400 period with music scheduled at 1100, Thai 1130, Vietnamese 1200, Cambodian 1230, French 1300 and EE at 1330. Fair reception of the last hour is possible with little or no interference. Target area is assumed to be South East Asia and power 25kw. Formerly known as the Kingdom of Laos, a Republic was declared recently with the takeover by the Pathet Lao. Address is Radiodiffusion National Lao, B.P. 310, Vientiane, Peoples Democratic Republic of Laos. JM

WAIKATO-BAY OF PLENTY The branch participated in a Come Alive campaign at Rotorua and 100 application forms and 65 publicity brochures were handed out. An impressive display was also mounted,

and this will be the basis for future displays, not only in Rotorua. Credit for project to Colin Campbell, Bob Harman & Dave Feldon. Next meeting Rotorua on 14 or 15 Feb. Details from Colin, 6 Clouston Cres., Rotorua. Phone 81-161.

Shortwave Mailbag

WITH TONY MARR.

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Well, another year is upon us: here's hoping it will bring plenty of good DX and an equally good supply of QSLs. Let's have a look now and see what the postie has brought over the Christmas period....

DENE LYNNEBERG Wellington heads off the New Year with 15 out and veries from Israel 11640 Rhodesia 3306 and Mocambique 3265. Nice Africans....

PAUL RAWDON also of Wellington has been loafing with no reports out, but has them back from VOA Tangier 11915 ETLF 11800 VOA Munich 3985 V. of Malaysia 15275.

BRENT ALLRED Motueka has had good returns with FEBC 11890 Praha 7345 RA 9580 15240 RNE 11925 plus pennant Bucharest 11940 HCJB 6130 11915 also with pennant Budapest 9833 and yet another pennant BBC and VOA 41 31 and 25mb, bringing up the 100th QSL. Congrats; now to 1000.

PHILIP HOPE Oamaru has 16 out and QSLs from VLM4 4920 Peking 11600 RSA 11780 RNZ 15280 NHK 15105 Bougainville 3322.5. Yes, cu in Feb.

WYN MACHON Invercargill has them back from RNZ 5105 SBC 6165 Bucharest 11940 W. Dist 2450 Sweden 9665 BBC 3975 NHK 15130 RA 5995 DUH2 6170 RSA 17780 Vatican 7235 Cyprus 6180. A good lot.

BRUCE CAVANAGH Invercargill has been busy too, with 10 out and answers from RA 5995 Malaysia 6175 BBC Cyprus 11740 Moscow 11805 6030 11755 Veritas 11830 ORF 9650 VOA Tangier 11760 Warsaw 7270 Oslo 11850 11895 DW Malta 15225 Tashkent 11700 RNE 9360 9630 plus pennant and Algeria 7245.

BILL VOGEL Adelaide has 2 out, and QSLs in from W New Britain 2340 WYFR 11905 Bucharest 9700 RNE 9570 11920 Austria 6155 9715 NHK 11875 TWR Swazi 3240 FEBA 15325 Mauritania 4850. Sorry you cant make it, Bill.

PAUL ORMANDY Oamaru has logged 60.... QSLs from ORU 11855 DUH2 6170 VLM4 4920 N Solomons 3322.5 Saudi 11685 RNZ 15280 NHK 17825 HCJB 9745. Plenty more soon, I should think.

JOHN MAINLAND, Wellington has QSLs in from ETLF 11830, Sweden 11715, Manilla 6170 and Budapest 17865 who advised that 21525 outlet is 20kw.

JACK SEARLE Haumoana has had success with RA Shepp 15270 15405 9530 Veritas 15310 LRA31 6060 Sweden 9695 ORF 6015 and WYFR 11720. Yes, maybe Veritas have transmitter problems of some sort.

PAUL EDWARDS Wellington has 16 out and a reply from BBC Tebrau 15310 17880 11750 15280. No doubt some more next month.

ARTHUR CUSHEN Invercargill has 3 back ORU 11805 Athens 7215 9560. See you soon at convention.

ASH NALLAWALLA Dunedin has 1 out and QSLs back from Iran 15084 DW 6075 Israel 9815 RA 6005. Unfortunately, I haven't got my Hindi typewriter close to hand! Barlow Wadley sounds very nice.

JACK FARROW Lower Hutt has answers from VQ05 5020 BBC 11750 SBC 15305.

PETER MOIT Christchurch has heard from RSA 17780 AIR 9912 RA Shepp 9570 Sofia 9700 SBC 11715 NHK 15235 Warsaw 9675. Pa.

DES DAVEY Te Kuiti has 4 out and replies from DW 9690 Sofia 9700 NHK 15195 Kuwait 9555. Enjoy your holiday, plenty of DX?

BRYAN CLARK Wellington has sent 8 away and reports QSLs in from Athens 21460 and Bangui 5038 for country 157. Very nice too.

CECIL SYMMES also a Wellingtonian has a good list Vatican 11790 SBC 11715 Moscow 7220 9730 ORF 17850 TWR Bon 9570 BBC Ascension 11740 15400 Pakistan 17830 AFRTS Delano 9700 Bethany 15330 DW 11785. Good.

BEST OF THE MONTH

Over 9 MHz

RSA 17780KHz 250kw
Philip Hope and Wyn Machon

Under 9 MHz

VOA Munich 3980KHz 8kw
Paul Rawdon

FROM

THE

EDITOR

IN CHIEF

Contributions from AR, GB, RCR, AK and CC were received after final clearance of Box 2956 at 10am 6 January & missed distribution to Sub-Eds.

SW QSL

Well this being the first SW QSL page for the new year may I wish you all a Happy New Year and good DX'ing in '76. Now to the mailbag. A mixed bunch this month with the highlights being QSL's from Mozambique and Syria.

BRAZIL Radio Nac. de Brasilia. A blue QSL with map of Brazil on front and details and personal note on reverse. Also stamps, postcard and program schedule received after 28 days for NZ souvenirs. (B.Allred - Please give freq's Brent.)

COLOMBIA Radio Nac. de Colombia. 4955 kHz. QSL Card showing 'Catedral de Sal' received in 3 months & 3 weeks for a report in Spanish together with three IRC's and a postcard. Verie signer is Alberto Upegui A., Director.

CUBA Radio Habana Cuba. Rectangular QSL Card with (B.Vogel) details on yellow and white soundwave patterns with RHC in red and blue. Also attractive bookmarks and postcard with letter signed by Maria Montero Triana and car sticker for EE report received in 61 days airmail. (B.Allred)

GREECE EIRT, Avlis, 6175 kHz. Plain white QSL Card received in 6 weeks for no IRC's. Address on one side and full details on the reverse side. (B.Vogel)

LUXEMBOURG Radio Luxembourg. 6090 kHz. Grey card showing three towers and crest of Luxembourg received in 4½ months for English report with no IRC's. (B.Vogel)

NETHERLAND ANTILLES TWR-Bonaire. Folder-type QSL with drawing of flamingo, a map of Bonaire and the letters PJB down side. Signed by Julius Schipper. Received by air in 24 days for 1 IRC. Also sent car-sticker, postcard, stamps and other info. (B.Allred)
Radio Nederalnds-Bonaire. 11730 kHz. Card received showing man fishing with RN pin as a bouy with fish bearing frequency and languages and slogan 'Catch one of our languages and freq.'

Q.S.L. from RADIO VILA

TRANSMITTER: Radio Vila, 300W
ADDRESS: Dipsa, direction North-South



NEW HEBRIDES Radio Vila. QSL Card received by air, (B.Vogel) with full details, in six months from Resident Commissioner for EE report with no IRC's. 3945 kHz 2 Kw. (P. Mott)

MALAWI MBC, Blantyre. 3380 kHz. Green Stencil QSL received in 3 weeks by air for EE report and no IRC's. Verie signer is B.E.

Kalea for Director General (F.Humphreys)

MAURITANIA Radiodiff. Nat. de Mauritanie. 4850 kHz. Attractive restyled QSL Card received in seven months for registered French report with 2 IRC's, map & calendar pictures. (P.Edwards)

MOZAMBIQUE Radio Mocambique, Lourenco Marques. 3265 kHz 100 kw. Old Radio Clube de Mocambique card with name changed to Radio Mocambique. Card shows picture of station on front with full details on reverse side. Card received in 5 months for English report with 2 IRC's. Card actually posted 3.12.75 and received 13.12.75, but heard on 27.6.75. (D. Lynneberg)

NORWAY Radio Norway. Very beautiful postcard type QSL of Briksdalsbre Glacier with full details on reverse side. Verie signer Gelling Theale. Received in 19 days for EE report (B.Allred)

PHILIPPINES Voice of the Philippines 9580 kHz Plain QSL Card showing full details received in 4 weeks by air for English report and 1 IRC. (J.Benzoni) Verie signer Ernesto G. Madrid. Radio Veritas, P.O. Box A.C.-373, Quezon City, sent a postcard thanking for report and asking for more, saying QSL Cards are still being printed and will be sent as soon as they are ready.



PORTUGAL AWR, Sines. 9670 kHz. Colourful QSL Card (S.Greenyer) with full details in 4 weeks by air for EE report and 1 IRC. (J.B.)

RHODESIA RBC Gwelo 3306 kHz Colourful Water-buffalo Card received, giving full details, in 3 weeks by air for EE report and tape plus 2 IRC's. (D.Lynneberg)

SYRIA Syrian Radio & TV. 15290 kHz. QSL Card, Postcard and pocket patch received by reg. airmail from verie signer Khder Omran for EE report with 1 IRC. Received in 4½ months. (P.Edwards)

VENEZUELA Radio Yaracuy 4940 kHz. Green, white & brown QSL Card in 4 weeks for SS report and 1 IRC. V/signer Jaime Romero. Radio Barquisimeto 4990 kHz and Radio Lara 4800 kHz. Both Green, white and brown QSL cards in 5 weeks for SS reports with 1 IRC. No verie signers but reports stamped 'Conforme' (All J.Benzoni) Thats it once again. Thanks to Brent Allred, Fred Humphreys, Peter Mott, Paul Edwards, Steven Greenyer, Dene Lynneberg, Jim Benzoni & Bill Vogel. All notes to Box 2956, Wellington. 73's Section Ed.
Dene Lynneberg.



SHORTWAVE BANDWATCH

Coordinated by JOHN MAINLAND

Highlights in Bandwatch this month include a new transmission from Colombia; the Uganda Broadcasting Corporation noted in the 31 and 19 metre bands; Radio Australia testing from Carnarvon, Western Australia on two 31 metre band channels; and Dene Lynneberg reports an antenna test from Radio Cook Islands.



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(+ indicates overseas report)

ALL FREQUENCIES IN KILOHERTZ. TIMES GMT (Add 13 hours for NZ SUMMER TIME)

<u>FREQ.</u>	<u>TIME</u>	<u>COUNTRY</u>	<u>STATION</u>	<u>PROGRAMME & RECEPTION DETAILS</u>	<u>INIES</u>
2340	0944	PAPUA NEW GUINEA	Radio New Britain	good in Pidgin. Also logged Radio Chimbu 2376 at 0927 with C&W mx, Radio East Highlands 2410 with play after NBC Nx at 1000, Radio Northern Districts with local nx & mx 0910 on 2468.	All PO
3241+	2100	INDONESIA	RRI Ambon	poor with talks, mx in Indonesian.	AW
3245	1016	PAPUA NEW GUINEA	Radio Gulf Districts	vg in vernacs till 1030 then C&W music. PO. 1058 fair in Pidgin with EE pops.	BV+
3250	1117	INDONESIA	(Kalimantan) RRI Banjarmasin	poor with het.	FE
3322	1140	PAPUA NEW GUINEA	Radio Bougainville	fair reception.	FE
3330	1800	PAKISTAN	Peshawar	fair with Home Service prgm.	FE
3355	0935	NEW CALEDONIA	Noumea	poor in FF with music prgm.	CS
3550+	1300	EAST TIMOR	(Clandestine?) Radio Ramelau	hrd in PP, Indonesian & vernac. to s/off 1400. (1500 s/off weekends)	Cosier DUDXC
3910	0850	JAPAN	Far East Network (AFRTS)	mx, nx and sports, poor.	CS
3925	0845	PAPUA NEW GUINEA	Port Moresby	poor with EE nx and mx.	CS
3925	0930	JAPAN	NSB - JOZ4	with mx, nx. EE at 1000, poor.	CS
3935+	1103	INDONESIA	Radio Semarang	poor with nx in Indonesian.	BV
3945+	1105	NEW HEBRIDES	Radio Vila	with mx requests for PNG. Pidgin, fair.	BV
3950	1815	IRAQ	Baghdad	here ex 3952. Side splash BBC 3952.	BC
3975	0720	UK	BBC Deventry	poor in EE with news. S/off 0730.	PH
3995	0539	WEST GERMANY	DW Julich	vg in GG.	FO
3995+	1000	USSR	Radio Moscow	via Kharkov, fair in RR with mx.	AW
4050	0745	USSR	Yuzhno-Sakhalinsk	with RR to WONA 0700-0800, fair.	AC
4775	1659	AFGHANISTAN	Kabul	fair in Pushto/Dari. Slight teletype QRM.	FE
4780	1640	AFGARS & ISSAS	Djibouti	poor in AA-type lang. Het, teletype.	FE
4800	0650	ECUADOR	Radio Popular	indigenous mx in SS, good reception.	JS
4855	1108	INDONESIA	(Sumatra) RRI Palembang	good with Koran readings.	FE
4872	1112	INDONESIA	(Irian Barat) RRI Sorong	weak in Indonesian.	FE
4900m	0603	UNIDENTIFIED	African	here 4/12 poor-fair with highlife mx till f/out 0620. Suspected Chad ex 4904, but Ndjamana good & clear on 4904 at 1745 in late December.	BC
4932+	1030	INDONESIA	RRI Surakarta	mixed EE & Indonesian popular mx.	AW
4945+	0630	COLOMBIA	Radio Colosal	fading in, weak.	AW
5005	1252	MALAYSIA	(Sarawak) Kuching	very good in local lang.	PE
5047	1128	INDONESIA	(Java) RRI Jogjakarta	EE id & Nx 1130, then mx to 1145 in Indonesian. Good.	FE
5052	0956	SINGAPORE	Radio Singapore	mixed Ulan Bator.	PO
5955+	0845	USA	United Nations Radio	via Dixon with 15mins EE Nx to A/NZ.	AW
6020	1828	MALAGASY REP.	Radio Nederland	relay to Sthern Africa with local id, fair. Further local ident after nx relay in EE.	BC
6025	1204	UZBEK SSR	Radio Tashkent	very good in EE.	BCa
6030	1229	JAPAN	NHK Tokyo	s/on RR fair. CC at 1300.	BCa
6045	0905	PERU	Radio Santa Rosa	good on extended sked 1/1 with mx.	BC
6085	0800	ESTONIAN SSR	Tallinn	in Finnish, Sundays. Fair, mixed.	AC
6085+	2015	HOLLAND	Radio Nederland	Lopik fair in SS.	BV
6085	0600	SAUDI ARABIA	Riyadh	with AA ident then news, fair.	JM
6090	0631	LUXEMBOURG	Radio Luxembourg	in GG, poor mixed ABC Sydney.	FE
			0700 Hit Parade	in German, fair.	AW+
6110+	1100	PHILIPPINES	VOA relay	news in EE, fair.	BV

FREQ	TIME	COUNTRY	STATION	PROGRAMME & RECEPTION DETAILS	INITS
6110	0635	ENGLAND	BBC	London with new "Network Africa" Mon-Fri//7210.	JM
6122	0637	COLOMBIA	Radio Super de Cali	first noted 7/12 with frequent ident.s. SG. 0700 fair till 0730 when blocked by Helsinki.	AC
6165+	1000	VIETNAM	Saigon	in Viet to past 1400. QRM USSR from 1100.	DUDXC
6199+	1000	CLANDESTINE	Radio Pathet Lao	in Laotian. FF news 1145.	DUDXC
6235	1840	PAKISTAN	Rawalpindi	s/off after Urdu prgm at 1900.	AC
6240+	2115	PAKISTAN	Karachi	fair in EE. BV 6190 has EE 1145.	DUDXC
6348+	1045	SOUTH KOREA	Radio Echo of Hope	in KK to s/off 1200.S/on 1230. "	"
6900	0458	TURKEY	Turkish Met. Office	int/sig then Turkish anncts & mx. Poor-fair with teletype.	FE
7080+	2000	PAKISTAN	Radio Pakistan, Karachi	with indig mx prgm, good.	AW
7105	0459	ASCENSION	IS. BBC Atlantic Relay	s/on with local id. Good sigs.	BC
7105	0100	SRI LANKA	VOA Colombo	vg in EE. PO. (10kw sked 0030-0315 Sth Asia)	
7110+	1130	INDONESIA	Jogjakarta	with EE news at fair level.	AW
7120+	1159	INDONESIA	RRI Jayapura	new freq with ident before Jakarta nx. Yeo/	
7135	0440	IRAN	Teheran	in Farsi //15084. Also hrd 1745-1820 Farsi. JM. ADXN	
7135	1730	MONACO	TWR Monte Carlo	in Estonian to s/off 1745, fair.	JM
7145	1301	LAOS	Vientiane	with FF nx, talk & mx. EE at 1330. Recent new frequency 16/12. JM. EE prgm 1330-1400.	AC
7155	0930	HUNGARY	Radio Budapest	ident hrd mixed Moscow.	AC
7185+	0940	INDONESIA	RRI Merauke	with Indonesian talks. New freq. Padula	ADXN
7200+	2020	SPAIN	RNE Madrid	fair in SS with id 2030, mx, anncts. New freq.	BV
7225+	1105	PHILIPPINES	FEBC	with EE country & western mx.	AW
7250	0930	SOUTH KOREA	Seoul	in JJ but jammed 1000.	AC
7260	0544	EAST GERMANY	RBI	vg in PP. Also in GG on 15255 at 0115.	FC
7285	0816	WEST GERMANY	DW	vg in GG //21560, 11795. Also on 9615 at 0600.	FC
9009	0500	ISRAEL	IBA	with EE news, fair.	JS
9022	0400	IRAN	Teheran	vg S9+ with AA Nx 0450. JS. 2000 EE Nx, cmt. Jammed.	AW+
9425	0545	ISRAEL	Jerusalem	with popular mx in Hebrew HS. Fair ex 9400 2/1	JM
9445	2200	CANADA	RCI	with EE vg point-to-point.	JS
9475	0314	EGYPT	Cairo	with DX prgm, good in EE.	JF
9515	2100	AUSTRALIA	RA Shepparton	in EE replacing 9530. AC To 0000 Good.	JMJ
9515	0725	TURKEY	Ankara	strong in Turkish.	JS
9515	1639	UGANDA	External Service of Uganda Broadcasting Corp.	fair with splash 9520. Nx, followed by requests, speech by Idi Amin, in EE to conclude 1730. DL Poor in EE 1703, till s/off 1730. Heavy splash from jammer 9520. BC (Sked per last months "Sign-Off")	
9525	0555	FRANCE	Allouis	with ident & frequencies in FF, fair.	CS
9540	0830	AUSTRALIA	RA Carnarvon	in Indonesian to 1030. Then switches to 9560 for Mandarin prgm. Fair 20/12. JM. 0835 fair, improving to vg by 0900. Barely audible at 0800 s/on. BC 0800 Carnarvon opened 20/12 in Indonesian but mixed Moscow. AC. 9560 also logged 1400 to s/off 1430 in Cantonese. AC	
9540	0429	LIBERIA	VOA Monrovia	s/on, fair in Czech. Polish 0445. BCa (250kw Eu)	
9545	2215	SOLOMONS	IS. Vq09	with fair sig but co-channel QRM.	JS
9569m	0417	QATAR	Doha	fair in AA, splash Cuba 9565. 0430 Time signal & Id: "Idha'at at qatar min al-Dauha" then news.	FE
9570	2102	CANADA	RCI Sackville	EE to Europe ex 9640 //11860 ex 11895, fair	JM
9585+	1745	SOMALIA	Mogadishu	with AA Nx report & cmtry. Tyson	DUDXC
9585	0456	NEW ZEALAND	Radio NZ	s/on vg. Nx 0500. BCa Ex 9540 0500-0745. JM	AC
9585	0408	SOUTH AFRICA	Radio RSA	vg in EE with "Good Morning Africa" Show. S/off 0425 after brief nx. BC. 0435 Lozi service with nx 0446. Ex 9525. EE to East/Central Africa noted 0330-0427.	JM
9600	0900	SOUTH KOREA	KBS Seoul	EE Nx etc, fair. Side splash NHK 9605.	BCa
9600	1845	SPAIN	RNE	with AA. SS from 1900. Appears new service, new freq.	JM
9615	0645	USA	KGFI San Francisco	in EE to Latin America, good.	BCa
9615	2220	VATICAN	Vatican Radio	good with interview in EE.	JF
9615	0700	WEST GERMANY	DW	in FF to West Africa. Nx, talks, very good.	BCa
9635	2047	SWEDEN	Radio Sweden Stockholm	with EE interview, good.	JF
9650+	1040	THAILAND	Bangkok	in Thai. EE at 1042 ex 9653v //11905. Yeo, oster	F7
9675	0230	LEBANON	Beirut	EE to Nth America. Fair ex 9545 2/1. JM.	DUDXC

<u>FREQ.</u>	<u>TIME</u>	<u>COUNTRY</u>	<u>STATION</u>	<u>3 PROGRAMME & RECEPTION DETAILS</u>	<u>INITIALS</u>
9690+	2115	USA	WYFR	Family Radio poor with talk in SS.	BV
9695	0910	AUSTRALIA	RA Shepparton	to Indonesia, fair.	CS
9715	0515	CYPRUS	BBC Relay	in Turkish to 0530, then "EE by Radio". New frequency over Radio Nederlands, Bonaire 5/12.	JM
9730+	2025	UGANDA	Kampala	very poor. QRM RA & Radio Sofia. EE id 2029.	BV
9735	0930	WEST GERMANY	Deutsche Welle	with GG folk mx, fair.	CS
9740+	2130	PORTUGAL	Lisbin	with EE news and cmt. QRM.	AW
9745+	0945	ECUADOR	HCJB	with "DX Partyline" Thurs & Sats.	AW
9755	0634	USA	AFRTS	via Bethany vg with EE news.	PO
9770	0836	NETH. ANTILLES	RN	in Dutch vg //17810.	PO
9780	1830	YEMEN	Sanaa	news in AA. Also noted 0530. AC 2007 ident, fair. Also hrd at s/on 0405. New freq ex 7300.	JM
9780	0950	USSR	Moscow	EE to Aust/NZ. S/off 0958 //15130, 11960.	CS
9912	2025	INDIA	AIR New Delhi	with sports talk good.	JF
9915	0355	GREAT BRITAIN	BEC London	good with EE cmt.	JF
9950+	1430	INDIA	AIR	with EE Nx, also at 1530. New freq. Willis DUDXC	CS
10040	1005	VIETNAM	Voice of Vietnam	fair in EE "Development in Vietnam"	CS
11710	1730	FRANCE	"Paris calling Africa",	nx, mx in EE, good. //11935.	CS
11720	0045	USA	KGEI San Francisco	SS ident, fair. Recent new freq.	JM
11720+	2120	CUBA	Radio Havana	good in SS with Latin mx. New frequency.	BV
11725	1930	AUSTRALIA	RA Shepparton	'Report on Melbourne' good.	CS
11730	0900	SPAIN	Madrid	opening in SS to Aust/Philippines. AC Fair to 1000/	CS
11735	0945	KUWAIT	Radio Kuwait	Mx of 'Old Masters'. Ids & anncts in EE. CSBV+	CS
11740	1940	ECUADOR	Voice of the Andes	with DX Letters, fair.	CS
11740	0330	SRI LANKA	VOA Colombo	fair at s/off with local EE ident.	BC
11740	1825	MALAGASY REP.	RN Talata	relay vg in AA s/on 1830. Koran 1832. BC	BC
11760	2230	COOK ISLANDS	Rarotonga	good in EE & Maori till 0200, during antenna tests 10-12 December. Now back on old antenna where reception rather poor.	DL
11770	2245	INDIA	AIR G.O.S.	in EE to 0115, fair. JM. Good in EE at s/off.	PH
11775	1330	USSR	Radio Moscow	s/on in Indonesian, very good.	ACa
11775	2200	USA	WINB Red Lion	with Gospel programme.	BC
11780	2150	BRAZIL	Radio Nacional de Brasilia	closing in EE, good (Sun NZT)	JS
11800	0126	CANARY ISLANDS	RNE	relay with fair reception in SS.	FE
11800	1915	SRI LANKA	Colombo	good in EE but noisy. //15120.	Both JS
11810	0837	ITALY	RAI Rome	fair in Italian.	PH
11815	2010	CUBA	Havana	in EE to Nthern Europe till 2140. SS hrd on 11720 at 2015. JM 2030 EE prgm. AC. 2026 Commentary in EE, good.	JF
11825	2036	TAHITI	Radio Tahiti	vg in Tahitian language.	PO
11825	0250	TAIWAN	VOFC Taipei	with EE, good strength mixed Tahiti vg strength. Also hrd //15370 vg, 17720 poor, 11860 poor thru jamming, 17890 fair jammed. BC. 11860 EE Nx 0200 fair. AW+ 17890 fair 0256 //17720 poor, 15125 fair, 15370 fair, 11825 heavy QRM.	PE
11835	1027	SRI LANKA	Colombo	fair in EE. CS. Int sig & S/on. Het 1032.	PE
11835	1500	SUDAN	Omdurman	with AA id & Nx, fair. JM. 1746 good in AA.	FE
11835	0230	ECUADOR	HCJB Quito	with EE annct then RR prgm, fair.	PE
11870	2100	AUSTRALIA	RA Shepparton	EE new freq ex 11940 to 2315.	JM CS
11880	0200	SPAIN	RNE	s/on excellent. PH. 0320 Nx in EE good.	JF
11890	0300	MUSCAT	OMAN	with AA prgm. AC. Fair to f/out 0458. Also at 1843.	FE
11920	0900	PHILIPPINES	FEBC	fair in EE with news at 0930.	JS
11925	0100	NETH. ANTILLES	TWR Bonaire	vg in EE "Radio Today".	PO
11925	0250	BRAZIL	Radio Bandierantes	fair in PP. Also hrd 30/12 at this time - Radio Guiaba 11785, Pernambuco 11865, all on trusty Barlow Wadley at the beach! Bandierantes fair at 0910 also.	BC
11935	0240	PORTUGAL	Emisora Nacional	vg in EE past 0300. (sked extended)	PO
11940	1904	KUWAIT	Radio Kuwait	'Top Ten', rlg prgm in EE, good.	CS
11975	2030	EAST GERMANY	RBI	in EE to West Africa, FF 2045. New freq.	JM
12035	0105	VIETNAM	Voice of Vietnam	vg in EE with news.	PO
12140	0623	CLANDESTINE (Rumania)	Radio Espana Independiente	good with mx & SS talks. PH vg on 10120 //7690, 12140 at 0630. PO. 1847 good thru teletype in SS. 10110 fair in SS at 0730.	BC
15125	1000	SOUTH AFRICA	Radio RSA	to Antarctic on Sundays, new freq.	AC

FREQ	TIME	COUNTRY	STATION	PROGRAMME & RECEPTION DETAILS	INITI	
15125	0200	TAIWAN	VOFC	vg in EE till 0350 //15370,17720,17890,7130,5980.	PO	
15130	2245	NEW ZEALAND	Radio NZ	fair mixed WYFR at first.	JS s/off 0445.	AC
15130	2245	USA	WYFR Family Radio,	Oakland poor in EE under Radio NZ.		JS
15150	0055	CHILE	Radio Nacional,	Voice of Chile EE Nx,cmt, poor.		CS
15150	0900	USSR	Radio Moscow	//11820, 11690 all exc in EE past 0930.		PO
15165	0907	INDIA	AJR station	id in Hindi,good.	CS. 1000 EE Nx,cmt.Good.	AW+
15175	0545	AUSTRALIA	RA Melbourne	hrd irregularly to 0600.		AC
15185	1744	MALAGASY REP.	RN Talata	relay poor-fair in Dutch till s/off	1820	BC
15190	1800	CONGO	Brazzaville	strong FF"La Voix de la Revolution Congolaise" identification.		FE
15190	1020	INDIA	All India Radio	vg in EE with local news.		PO
15195	1140	AFGHANISTAN	Kabul	strong in EE with slight QRM.		FE
15245	1823	ZAIRE	Kinshasa	good in FF to f/out 1900.	BC.Fair,clear in FF at 1830.	FE
15250	0645	RUMANIA	Bucharest	vg in EE till s/off 0715.	PO 0710 EE good.	PH
15260	0115	ASCENSION IS.	BBC Atlantic	relay with W.S.Fair,	QRM RBI 15255.	PO
15270	0115	SEYCHELLES	FEBA	with choir mx but severe QRM.		PO
15300+	2030	ECUADOR	HCJB	with nx,cmt, good in SS.EE id 2044 then in FF.		BV
15300	0200	PHILIPPINES	FEBC	prgm to Singapore.EE id & address 0215 s/off	PO	PO
m15318+	2230	PHILIPPINES	Radio Veritas	opens with tinkling bells, then in Indonesian. Frequency drifts about day to day.	S/be 15310.	JS

15325	1759	UGANDA	Kampala	drum int.sig, EE id,mx,nx.Mixed Canada.Poor to 1825 14/12.JM 1800 EE id under RCI but atop by 1830 for FF prgm to 1900.	DL
15325	1330	SEYCHELLES	FEBA	EE ident then Asian lang,poor.Also noted on 11865 when DW signs off 1400.JM.1230 poor in EE rlg prgm.	BV+
15330	0000	USA	APRTS Delano	NBC Nx,fair.CS. 0012 very good in EE.(200kw)	PO
15345+	0700	NORWAY	Oslo	with EE id. QRM from Moscow.	AW
15370	1240	SPAIN	RNE	in SS to Aust/Philippines to s/off 1310.Fair//11730.JM	
15385+	2118	MEXICO	Radio Mexico	ids in EE,FF,SS. Fair.Hrd as early as 2015	BV
15390	0420	PHILIPPINES	FEBC	Manila rlg prgms & nx in EE, poor.	CS
15400	0445	BANGLADESH	Dacca	EE Nx,fair.AC.Exc in EE //21685 poor.	FE
15420	0510	CYPRUS	BBC Limassol	with Press Review & Letterbox, poor.	CS
15520	0630	PAKISTAN	Islamabad	World Service with EE Nx at 0700, good.	JS
15630	2306	NORTH KOREA	Radio Pyongyang	vg in EE.	PO
17685	0507	ISRAEL	IBA	good in EE then FF.JS. Fair 0500 with EE Nx.	AW+
17700+	0800	USSR	Russian station	announcing as Radio Pacific Ocean.	AW
17810	0757	MALAGASY REP	Radio Nederland	relay fair opening in Dutch.	FE
17845	0810	WEST GERMANY	DW	in GG to East Asia/Aust/NZ mxd USSR. Addit- ional frequency //7285,9735,11795,21560.	JM
17850	1045	SRI LANKA	SLBC Colombo	EE nx to S.E.Asia.New freq//11835,15120.	PO
21480	0838	MALAGASY REP.	RN Talata	relay fair Indonesian.FE.0843 exc.	PO
21540	0930	RWANDA	DW Kigali	relay s/on in EE vg.PO.0930 FF ident "Ici le Deutsche Welle, station relais Kigali,Rwanda",then EE prgm.	FE
21590	0230	PAKISTAN	Karachi	s/on EE slow speed nx to 0245 //17830.	FE PO CS
21610	1120	GREAT BRITAIN	BBC London	very good in EE, World Service.	BCa
21625	0956	ISRAEL	IBA	s/on vg in RR.S/off 1030.No jamming 3/1.Sat/Suns.	BC
21635	1750	NETH ANTILLES	RN via Bonaire	good in Dutch. S/off 1820.	JS
21690	0900	ITALY	RAI Rome	with good signal in Italian.	JS
21740	1745	USA	VOA Greenville	fair with African lang prgm.Greenville also on 21670 with EE talks - not UN prgms as scheduled.	BC

CONTRIBUTORS Credit for this month's Bandwatch goes to: SG Steven Greenyer
 FH Philip Hope DL Dene Lynneberg PO Paul Ormandy JF Jack Farrow
 JS Jack Searle JM John Mainland FE Paul Edwards AC Arthur Cushen
 BC Bryan Clark BCa Bruce Cavanagh OS Cecil Symmes AW Alex Wellner(NSW)
 BV Bill Vogel(Sth Aust) Down Under DX Circle(Vict) Australian DX News.

WORLD RADIO AND TV HANDBOOK

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ARTHUR CUSHEN'S SHORTWAVE REVIEW

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The opening of the new relay base at Carnarvon has been reported on two frequencies, while Radio Australia Shepparton has also been heard on new frequencies. Radio New Zealand has put into operation three new frequencies in recent weeks.

All frequencies in Khz

All times in GMT (Add 13 hours for N.Z. Summer Time.)

ANTIGUA The BBC advises that their new relay station construction is on schedule and will be opened this year. It will consist of four transmitters of 250kw, two for the use of the BBC and two for Deutsche Welle.

AUSTRALIA Radio Australia's relay station at Carnarvon is now operating with 250kw and a second transmitter of 100kw will open in February. Carnarvon operates on 9540 from 0800-1030 in Indonesian, and on 9560 1030-1300 in Mandarin; 1300-1430 in Cantonese. Other frequencies which Radio Australia has recently brought into use at Shepparton are: 9515 replacing 9530 from 2100-0000; 11870 replacing 11940 from 2100-2330; and 15175 replacing 17740 from 0100-0600 on an irregular basis.

COLOMBIA Radio Super, Cali on 6122 is heard at 0700, but at 0730 suffers interference from Finland on 6120.

FRANCE Radio France made several frequency changes during December and 9715 is now used from 1700-1800 in English. The transmitter broadcasts on this frequency through until 2130. Around 0500 other frequencies have been observed: 6070 from 0400-0500, 0535 from 0400-0500; also 9560, and 9730 from 0500-0700.

LAOS The External Service of Radio Laos on 7145 has French at 1300, English at 1330 with close at 1400. The Home service on 6130 closes at 1400 also.

NEW ZEALAND Three new frequencies are in operation up to March 7 when the schedule will revert to normal clock time in New Zealand and be heard one hour later overseas. 6105 replacing 6080 is operating from 0800-1045; 9585 is replacing 9540 from 0500-0745 except when carrying sports when the sign on is later. 15130 replaces 15110 from 2130-0445.

PAKISTAN Karachi 6235 has been heard in Urdu to sign off at 1900 with the national anthem.

SOUTH AFRICA RSA is using the new frequency of 15125 on Sundays 0956-1045 with their transmission to Antarctica. The programme is also carried on 11970.

SPAIN Madrid has a transmission to Australia and the Philippines in Spanish from 0900-1330 daily. This is well received on 11730 when opening, and later on 15370 when closing.

THAILAND Bangkok has made a frequency change from 9650 to 9655 for the English broadcast 1040-1140.

YEMEN Radio Sanaa on 9780 is being heard around 1830 with Arabic, and a march on the hour, but suffers sideband from Radio Moscow broadcasting in Spanish on 9775. Sanaa is also heard with news in Arabic at 0515 but with sideband from VOA on 9770.

USA VOA Greenville 21485 in English to Africa provides good reception at 2000. The transmission on this frequency is from 1600-2200. WINB is heard on 11775 with Gospel programmes at 2200.

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Telefon 13.46.10 - 16.20.80
Telefon 11.14.10 - 33.47.10

..sign off..

RADIO VERITAS Overseas Service, P.O. Box 373 AC, Quezon City, Philippines has following schedule at present: 2230-2300 GMT on 15310kHz and 1230-1300 on 11830, both beamed to Indonesia on a regular basis. Test transmissions are beamed to Vietnam 2300-0000 and to Sth India/Sri Lanka/Thailand 0000-0200 on 15310, and to Vietnam 1130-1230, to Sth India/Sri Lanka/Thailand in the 1300-1500 time period. Jack Searle.

AUSTRIAN RADIO are offering stickers to their listeners. Carrying the message "I'm in tune with Austria on Short-wave" the oval shaped stickers are over 5 inches wide and in white, red and black. German, French and Italian versions are also offered. BC

HONDURAS Hot news from this country is the move of Radio Swan from 6185 to 6000kHz, first noted early Dec. by NASWA members Lausevich and Behr. Reception is reported in the US between 0445 and 1030 GMT. Also a new SW broadcaster is Radio Landia, Comayagua heard at 1105 GMT on 4870kHz by Jack Jones, USA on 3 Dec. DX Hotline

VOA's Audience Relations Office write "we receive thousands of reception reports and the mailing of the QSL cards is done by a large staff. Each person has been instructed to insert the relay station if it is indicated; somewhere along the line I guess we slip up. I've called it to the attention of the supervisor and I do hope that (this procedure will be maintained)". So when you've established the location of a VOA transmitter - always announced at sign-on and s/off - make sure you show it clearly in your report. This is the only way you'll receive a valid QSL. via Cecil Symmes.Cmt by BC

BRAZIL Nacional de Brasilia is building several SW transmitters near Recife, in order to beam programmes to West Africa. Gaffin/USA SCDXers

CUT-BACKS announced by SW broadcasters are termination of ORU Belgians service to the Americas, effective this March, and also the German service of Radio France. EDXC via SCDXers

NEW ZEALAND RADIO DX LEAGUE

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RADIO CAROLINE, the only remaining sea-borne pirate in the North Sea broke it's anchor chain 8/11 and drifted from it's position off Walton-on-the-Naze, finally anchoring off the Kent Coast. Broadcasts were suspended until 13/11 and the following day the station was raided by police acting on orders from the British Home Office. Shouts and scuffles could be heard before the transmitter went off the air. On 15/11 the "Mi Amigo"s captain, 2 disc-jockeys and an engineer appeared in Southend Court charged with making illegal broadcasts from within territorial waters. Barraclough SCDXers 25/11

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(incorporating How to Listen to the World)

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