



NEW ZEALAND DX TIMES

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situation vacant

Wanted: "A qualified broadcasting engineer who can maintain studio equipment and fix broadcast transmitters". A holiday in the Middle East with airfares paid awaits the successful applicant. The station involved broadcasts in Arabic, Hebrew, English and French with 50kw on 1540kHz, and rates number one in the Israeli and Cyprus listener popularity ratings. Of course we're referring to shipborne 'pirate' The Voice of Peace, operating in the Eastern Mediterranean, and our advertiser is Keith Ashton, Station Manager at P.O.Box 4399, Tel Aviv, Israel.

Keith, well remembered for his DJ exploits on commercial radio in Australia and NZ, has been with the station for 3 months, prior to which 6 months were spent in London with Capital Radio. As to the future, it may be back to NZ or off to the USA. One way that Keith keeps up with the commercial broadcasting scene is through a unique programme aired by the Voice of Peace - "Radio Makes the World Go Round", in which one hour tapes of local commercial programmes are submitted by listeners and supporters around the world. These un-edited tapes, commercials and all, are aired complete, except for news content which would date them. So if you hear any odd broadcasts on 1540, (under 2JJ that is!) it just might be your local 'relayed' by the Voice of Peace.

קול השלום THE VOICE OF PEACE صوت السلام

summer time

Daylight Saving Time will begin at 2am on Sunday 26th October and conclude on Sunday 7 March next year. These dates apply also to those Australian States which are adopting summer time again this year. 3 states are remaining on standard time, and a referendum will be held at the next NSW state elections regarding continued daylight saving by that state. Summarising the position: New Zealand will be GMT +13; New South Wales, Victoria, Tasmania and A.C.T. will be GMT +11; South Australia GMT +10½; Queensland GMT +10, Northern Territory GMT +9½; Western Australia GMT +8. The last 3 states are those remaining on standard time.

Remember all times quoted in the DX Times are Greenwich Mean Time.

convention 76

Programme plans are well advanced for the 1976 Convention over NZ Day Weekend (6-8 February) in Wellington. A convention site with all facilities has been secured near Upper Hutt. The Radio NZ transmitters, Quartz Hill Monitoring Station and TV1 have been considered for inclusion in the programme, as well as a range of other activities. North Island conventions have been few - and visitors to the Capital can...cont.P2.

CLOSING DATE FOR NEXT ISSUE: FIRST MONDAY IN THE MONTH - 3 NOVEMBER, 5PM.
DETAILS OF YOUR LABOUR WEEKEND DX, QSL's & B.O.M.'s TO BOX 2956, WELLINGTON

SOUTHLAND The September meeting was held at Ray Crawford's with 9 present and numerous apologies due to sickness. President Harry Searle welcomed Tony Magon back to the Branch, following his return to Invercargill after Navy service. The Oamaru AGM, Tiwai DX location, DX news and competitions were discussed. An LP record featuring Radio Nordsee and other pirates was played before supper. Competitions: ECB Best - YVZQ 1450 5kw, merit - JOUC 1370 5kw, both to Sutton Burtenshaw. SW a clean sweep to Ray Crawford with VOA Tangier 9510 35kw and RRI Bandung 2420 1kw.

OTAGO 5 members attended the September meeting at Philips, 45 Doon St, Mosgiel. Jonathan Aitchison gave an account of his recent visit to Radio Nederland and played a taped interview with Harry van Gelder. During the month branch members staged a successful DXpedition to Mount Cargill which was highlighted with some good MW reception from Europe. Competitions SW Over 9 - RBI 15255 Graeme Shillito, under 9 - Northern Districts 2468 Jonathan Aitchison. ECB both categories to Ash Nallawalla with KFBK 1530 and GWA 560.

NORTH OTAGO The branch annual general meeting was held at Mrs Muriel Bloxham's on 6 September. Election of officers resulted: President Mrs Bloxham, Secretary/Treasurer J.B. Neilson (c/- Post Office, Glenavy, South Canterbury), Logs Paul Ormandy and Auditor Peter Grenfell. As well as the above, every member is taking an active part in the successful running of the branch. After the meeting an auction was held, raising more than \$12. Next branch meeting will be held at Peter Grenfell's on 23 October, and at other members' homes until the Listening Post is rebuilt.

CANTERBURY The September meeting was held at Andrew Whites on the 22nd and proved most lively, especially from Alan Robson with several South American veries received. Next meeting will be held on Sunday 19 October at 1700hrs at the Spencerville Bach. Competition Results: ECB clean sweep to Alan Robson with CKLG 730, Radio Paradise 1265 and 2YM 1410. SW Under 9 - Bucharest 5990 Austin Hadler, Over 9 - Liberia 11955 Alan Robson. At the Branch AGM on 24 August the following officers were elected: President Bob Boundy, Vice Presidents Austin Hadler and Peter Askew, Secretary Lance Johnston, Treasurer Gay Johnston.

WELLINGTON 10 members were present at Jack Farrow's on 28 September including welcome visitor John Martin. After general business, some time was spent in streamlining a programme for Convention 76. Feature of the meeting, a quiz, was won by John Mainland. Competitions: SW Cecil Symmes with Austrian Radio 6000 10kw and TWR Swaziland 9590, tied in Under 9 with Paul Rawdon Radio RSA 4875. ECB to Paul Edwards with WVUV 1120. Next meeting will be held at 11.45 am on Saturday 1 November at Bruce Williams, 82 Pirie Street, Mt Victoria. After a buffet lunch the branch will visit the Meteorological Office, Kelburn.

SHORTWAVE MAILBAG OVERFLOW

JOHN MARTIN Lower Hutt has verified RFE 9695, Kuwait 11940, ORF 9690, ORU 11855, AFRTS 9755, DW 7285, 11765, 15245, RNZ 6105, 11900, Portugal 15295 Sweden 6065, Prague 7345, VOA Okinawa 7165, VOA Tinang 9630, Tashkent 6040, NHK 15195, Spain 11945, FEBC 11890, AIR 15165, 17860, Sri Lanka 15425, VOA 9590, 5955, Moscow 11770, 11955, 15240. A successful month John.

ALEX WELLNER, NSW has 9 out and QSLs in from East New Britain 2410, Vq05 5020, WYFR 11855, RSA 15220, Lisbon 6025, Continente 5030, Yerevan 15180, 6080, Havana 11930, ORU 9755 and ORF 5980.

...look forward to an eventful and worthwhile weekend in February.

radio auckland was the identification of an FM stereo pirate station which broadcast in the central Auckland area on Friday 19 September and for the next 2 weekends, until the 50w transmitter was located and confiscated by Post Office officials. Frequencies used were 92mHz and 93.5mHz and programming included pop, heavy rock and classical music. The station's aim was to prompt government action on FM broadcasting. In fact, Radio NZ and the Broadcasting Council are now preparing recommendations to government on its introduction.

BROADCAST DX

with Bryan Clark

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- + Top billing this month goes to David Ricquish's tentative reception of Funafuti in the Ellice Islands (now Tuvalu) on 580 khz on 2 September, and on most nights since, but at poor level with 4QR. The language heard is similar to Tongan and quite distinct from Gilbertese heard over Tarawa 844. No English has been heard, and mostly Island music is played.
- + David also reports that Radio Rhema 2XG was heard as far afield as Invercargill and Hamilton. QSL's should be in the mail shortly.
- + Philip Brooks, Mosston Road, Mosston, Wanganui has access to 16g bare copper wire soft drawn, at 7c a yard. Phil would be happy to assist any members who would like some. We believe there is about 1000 yards in the offering!
- + On a personal note, we are pleased to report the marriage of Opunake DXer Bill Woller to Marion Feaver on 4 October. Providing organ accompaniment was Robin Chambers. Congratulations Bill - no doubt you've acquainted Marion with the hobby!
- + We sent a telegram on behalf of all League members to Alan Roycroft, following the death of his father in Auckland last month. While in NZ Alan spoke with several League members and indicated that he plans a trip round the country about February 1977 meeting his many DX friends. He also reports that KIOE (1080 khz) has new owners and should be back on air in late October. The call sign of KTRG (Formerly 990) may be adopted for the mainly-talkback station. When Radio Windy moves to 890 in the next month or so the new Hawaiian should be regular here!
- + Plenty of good contributions this month, and the Yanks are well and truly back with us. If you haven't caught one yet try the frequencies underlined in the Trail, between 6 and 7.30.p.m. Now to the mail -

BRIAN OLIVER, Wellington has reports out to 2XG KDAY KFBK and New Caledonia 670 with QSL's in from 2PK 3AR Fiji 1470 and Thailand 1580.

PHILIP HOPE, Oamaru first time up has QSL's in from 4XO 3ZM 3ZB 3ZC 3YW 3YC 1XW 2ZA 2XW 1ZB 2YC 1XX 1ZD 2ZP 3YA 1YA 2YZ 1XI 2ZD 1ZM 2ZC 2ZN 1ZC 2ZE 2ZH 2ZW and 4QD. Pleased to meet you in Oamaru Philip. Please keep SW and BCB contributions separate.

PHILIP BROOKS, Wanganui is now all 'wired up' with a 1600' longwire and has logged 2XG 1ZQ 1ZU 2JJ with QSL's in from KOA and 1ZQ. How about something exotic this summer!

MERV BRANKS, Invercargill has reported AIR Gorakhpur HLAA 1220 Samoa 1120 2CN 8G0 with veries in from 4WK 5UV KPRC Riyadh and JOQR WVOJ and WVUV. Very best wishes with the op Merv!

STAN LARKING, Whakatane has nil out but QSL's back from WXLE Rome 845 and Damman 885. Re KIPA, Alan verified me in January as first from NZ on 620 - a Whangaparaoa logging. Thanks for other news.

Steven Greenyer, Invercargill has a good 'un from Calidad, Colombia 1230.

ARTHUR CUSHEN, Invercargill has verified 4WK and JOPK with reports out to DWRP 1470 2XG Qatar 952 8G0 990

DES DAVEY, Te Kuiti has QSL's from 2XW and 4XO

BRIAN WITHERS, Christchurch has reports out to 2XW and 2XG 890

ASH NALLAWALLA, Dunedin has QSL's in from 2NX 3BA 4BK 4QR KFBK 2KY 6WA 3CV and 2QA with loggings as 3DB 3SR 3SH Rajkot 1070 7EX 4BC JOKR Calcutta 1130 3KZ 7HT 5DN Fiji 1470 4QD 3ZZ 3YB KHVH 6TZ RRI 1334 WVUV Munich 1602.

ROBIN CHAMBERS, Opunake has reports out to 4BK 3UL Rhema XEDM and Sofia 1124 with QSL's in from Quazvin 557 Tehran 1326 4JK and OAXIL 1490.

PAUL RAWDON, Lower Hutt has one out to Rhema and QSL's in from VOA 1580 3WL and 3AR.

DAVID FELDON, Rotorua is another newcomer to the Times and has reports off to 2YM VOA Thailand 1580 2NR Rhema with QSL's in from 2YM 2NR.

GRAEME HAMMOND, New Plymouth has them off to 2LM 3SH 4ZB Rhema WVUV. QSL's from 2LM 4ZB WVUV.

CHRIS MARTIN, N.S.W. has reports off to Mwanza 620 Beira 872 6PR 6WF 3UL 3YB 3EA 4KQ 4IP 8G0 2BH 7HO 7AD 2AN 2XW FEBC 1470 KRED CJVB CHQM XEB KIVM KPOK Kermanshah 985 La Cronica 1320. QSL's in from 4AM 6TZ 2AN 3UL 7AD JOAD Burma 955 Port Blair 1440 Baku 1016 Singapore 1370 Izmuir 926 HLDA Damman 885 KRED Blantyre 755 (country 109) Victoria 1331 (Country 110) Ardebil 1340. Good work with La Cronica Chris.

KEITH ROBINSON, Kapuka has reported K1AK 1600 Fiji 640 2XG and verified 3ZZ 4AK and 6WN

ANDREW WHITE, Christchurch has logged CBK CKLG Fiji 890 WVUV 3ZB 3ZO 3XA 2XG with QSL's in from Fiji 890 WVUV 2ZH and 3ZB.

JACK SEARLE, Haumoana has a report out to Rhema.

DENE LYNNEBERG, Titahi Bay has logged Rhema 890 KOXR 910 KBCQ 1020 KDKA Leningrad 1493.

FRED HUMPHREYS, Wellington has also a report out to Rhema.

BRUCE CAVANAGH, Invercargill has logged Rhema and Windy with QSL's in from Windy.

ALAN ROBSON, Christchurch has logged KTSA and 2GZ with a QSL from Papua New Guinea 1520 after 13 months.

JONATHAN AITCHISON, Dunedin back from overseas with a Hallicrafters S-240 just in time for School Cert, advises a lone QSL from 3SH. Good luck with exams.

RAY CRAWFORD, Invercargill has reports out to 2XG and DYRC 900. Veries in from 6XM 8G0 DXSS 1230 XEBO 1330 HJIM 1470.

JOHN ALLCHIN, Auckland has QSL's from 2ZF 1ZD 3DB 3BA 2IM 5AN 3SR 2XW 4QR and Fiji 560.

GRAEME SHILLITO, Dunedin has logged 2GN 3ZZ Burg 1570 Batra 3 1106 Albania 1088 WAAY Munich 1602 FEBC 1470.

PAUL EDWARDS, Wellington has logged KEX and QSL'd Samoa 1120.

SUTTON BURTENSHAW, Invercargill, 'el presidente' has reported 2XG 2UH JOAD 1360 JOLB JOUC JOKR Samoa 1120 6CA DWWX 620 JOPK JOJK Quazvin 557 Batra 1106. QSL's in from JOQL JOLB JOUC JOKR JOJK JOPK JOAD 8G0 HLCA 970 DW Malta 1570 YVZQ 1450(ppc)

LINDSAY ROBINSON, Invercargill has logged 4QD 1XW and 4WK with QSL's in from 4QD 1XW.

G. BAMFORD, Tauranga in his first contribution to the Times advises QSL's in from 1XX XI XW ZH ZC 2WL XW UW ZN ZP 3NE ZM ZB 4XO ZA WVUV Logs as 1XA ZA 2UE NX AY 3XA DB ZC LO 4BK ZB Fiji 560 KXEL KDAY A3Z. A good selection - only calls necessary for Aust/NZ and main overseas stations. New members kit includes Abbreviations List - let me know if you need another copy.

BRYAN CLARK, Wellington has reports out to Rhema 890 and KBCQ 1020.

GORDON HUTCHISON, Kaiapoi has QSL's from Hauraki 1ZK 2ZE ZP ZD 3YW 2YB. Gordon's 2YB QSL shows a bird on a cream background with the words 'Radio New Zealand' underneath - sounds like a new QSL at last!

PAUL ORMANDY, Oamaru has logged 2YC ZB XG 3YC ZO WV 590 4ZA YZ QR 1ZU ZO ZA ZT Fantasia 1550 DYTH 1330 VQO 1030 KV00 1170 JOUB JOIK JOIB. QSL's in from Tropicana 540 with pennant KOMA 3YC KOA WXLE Poland 1502 1ZO 4QD. A very good month Paul. No ideas on 1390 except KOEY/KGER dominate.

BROADCAST TRAIL

EVENING

540 CBK often good to 0700 s.off DR
HCFA2 in clear after CBK 0700 DR
580 Funafuti 0645 Island mx soon dom
by 4QR DR
590 4QR here in swap with 3WV ??? P0
620 ZK2ZN Nuie clear 0645 DR
650 WSM C&W under KORL pops 0710 DR
800 North Korea exc 0920 RS
870 KAIM Classical mx 0650 DR
WWL Gulf of Mexico wx 0630 DR
990 KKIS mixed XET 0630 PO
1005 Colosal good 0735 18/9 RCh
1020 KBCQ testing 0610 5/10. New call
for KSWs good. Off 0617 DL BC
1020 KDKA 0631 DL
KGBS good 0700 PO
1025 Super Radio in SS 0610 1/9 and
0803 18/9 RCh. Colombian ?
1070 KNX way over 12B 0650 PO
1090 KEPRS EE very good 0645 PO
1110 KFAB VG 0715 PO
1120 Samoa/KPNW/KMOX 0645 PO
1170 KVOO mixed KOHO 0710 PO
'You're tuned to KJNP North Pole
Alaska.' Then news 0700-0708 once
only DR

BEST OF THE MONTH

- 1190 KEX very clear 0715 PO
- 1265 Radio Paradise opening 0900 PO
- 1320 KKYZ mixed CHQM 0700 PO
- 1330 DYTH listed: 1kw VG EE 0940 PO
- 1380 WLCY mixed Eco 0650 PO
- 1430 KELI with 4XD 0711 PO
- 1450 WENA ?? poor EE/SS ID 0700 PO
- 1490 KVAC ?? fading 0638 PO
- 1500 KSTP over NZ 0700 PO
- 1510 WLOC regular 0700 RS PO
- 1520 KOMA often 0700 RS PO
- 1530 KFBK excellent 0640 PO
- WCKY excellent 0750 RGH
- 1540 KKEL and KPOL 0700 RS
- 1550 WAAY thru 4QD poor 1105 GS
- Fantasia over 4QD 1158 PO
- 1570 CHUB and XERF most nights 0700 PO
- 1580 XEDM strong 0642 RGH PO
- KDAY exc 0615-1000 PO
- 1600 KUBA fading 0700 PO

- OPEN
- 1st HJLK Radio Calidad 1230 Khz 1kw
157 points
Steven Greenyer
 - 2nd YVZO Maracaibo 1450khz 5kw
156 points
Sutton Burtenshaw
 - 3rd OAX1L Radio Imperio 1490 khz 1kw
155 points
Robin Chambers

PACIFIC ASIAN REPORT

NEW ZEALAND A request for a repeater station at Te Anau has been turned down by Radio NZ in the meantime. It was stated that equipment would cost \$65,000 (including road and buildings) and that another \$6000 would be required to pay annually for a landline to feed 4ZA programmes. A.Cushen

BAHREIN has a 50kw station under construction for 570kHz. Schedule 0400-2200. NRC

SAUDI ARABIA 2000kw output is planned for new stations at Duba, near Sinai on the Red Sea Coast. Frequencies 548 and 1520kHz. Also at Qurayat 611kHz with 2000kw and 899 with 1000kw. NRC

INDONESIA The Director General of Radio-Film-TV has officially stated that RRI has 47 stations operating throughout Indonesia, but in view of the present condition of its transmitters RRI cannot operate at full capacity. Consequently new 50kw, 100kw & 1000kw (MW) transmitters are to be introduced in 1976. BEC MS (c)

AUSTRALIA 2TR 760 now 2kw. 3MT 720 due any day with 2kw. 4BH 880 mid-November with 5kw directional. 3ZZ broadcasts 0800-1300 on 1220. At 2000-0100 the previous evening's programmes are replayed. 4BK, 4KQ & 4IP all went 5kw directional 27/9/75. During mid-September 4KQ used 710, 4IP used 990 for test purposes. CM

3 licences for AM educational stations have been allocated for a 12 month trial to Darling Downs Institute-Toowoomba, the National University-Canberra and the West Australian Institute of Technology.
Keith Barton SDC

MORNING

- 560 6WA poor 1510 AN
- 575 Russian loud clear // 593 1835 RGH
- 610 USSR //548 at 1810 RS
- 764 Omdurman fair 1835 RGH
- 809 Skopje fair 1835 23/9 RGH
- 845 Peking in RR ? 1830 RGH
- 863 Paris ? weak 1915 9/9 RGH
- 950 6TZ good 1405 AN
- 1000 Calcutta thru 1ZD carrier PO
- 1016 Turkey good 1940-2003 RGH
- 1097 Taldy Kurgan strong 1910 RCh
- 1106 Batra EE nx 1630 good 1910 RGH
- 1120 Samoa fair 1652-1715 AN
- 1124 Radio Sofia over Libya 1845. RCh
- Hi power ? AN
- 1130 AIR Calcutta EE good 1530 AN
- 1187 Szolnok good 1905 RCh
- 1196 VOA Munich good 1905 RCh
- 1214 Tirana good in AA 1905 RCh
- 1223 Vidin good 1905 RCh
- 1268 Novi Sad ? fair 1845 RCh
- 1277 Russian chain fair 1830 RCh
- 1334 Jakarta good 1438 AN
- 1470 FEBC EE lessons 1515 GS
- 1493 Moscow in Norwegian VG 1815 DL
- 1554 Nice regular good RCh
- 1562 Beromunster very poor 1605 AN
- 1570 Burg DDR 1750 GS
- 1580 Calcutta B in Hindi 1200 PO
- 1602 Munich in GG 1730-1825 Many

Contributors: Ash Nallawalla Robin Chambers, Paul ormandy, Graeme Shillito, Dene Lynneberg David Ricquish Robert Scott.

BHA Alice Springs 900 announces s/off time as 1am local time (1530 GMT) KB
TURKEY has moved from 881 to 890 with 500kw.
Alan Merriman NRC



CAN-AM REPORT

broadcast Band news from Canada and the Americas

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KGBS 1020. Jim Noble, Engineering Supervisor wrote recently - "KGBS normally operates only during local daylight hours, with the exception of Sunday from 9.00pm to 2.00am EST.", but on completion of new transmitting facilities they will go 24 hours a day. QSL received in 9 days, with IRC returned. Gavin Bennett

ST PIERRE & MIQUELON 1375kHz signs on daily at 1000 GMT. or 1155 NRC

DOMINICA Radio Jumbo has commenced broadcasting on 1150 with 50kw. Antenna is directed north-south across Guadeloupe and Martinique. Programmes are in FF and transmission hours apparently 1000-2000 GMT at present. SCDXers 2/9

KGA 1510's General Manager Stephen Dean recently verified Merv Branks, with an apology for the delay. KMO 1360, Tacoma, Washington has had a lot of mail from NZ and Australia, as well as Norway etc in recent months, so "...we must be doing something right?" comments Clay Freinwald, Engineer-in-Charge. MB

VENEZUELA YVZQ Radio Petroquimica 1450 is now Radio Alegre and belongs to the newly formed "Cadena Occidental de Emisoras" Distance/Sunspot

HONDURAS La Voz de Honduras has a new relay tx at Siguatepeque on 680. BBC MS
HRTV Radio TV, Tegucigalpa hrd 0815 on 715kHz. Allen NRC

COSTA RICA TIXE Radio Omega 625 thought to be 50kw now. TIOS 825 Radio Titan-
ia heard at 0752 GMT. Schatz/Waterman NRC

USA NBC Radio Network introduced their new sub-network NIS (News & Information Service) on 18 June with 33 subscribing stations including KHVH Honolulu, KARM Fresno and led by WNBC-FM New York. By September, 80 stations were projected to be in the all-news network. NRC

670 KDLG Dillingham, Alaska call granted. 1170 K...San Jose, Calif requests 50 kw days. KERR Polson, Montana granted a construction permit.

720 KDWN No. 1 Main Street, Las Vegas, Nevada 89101 is on 0900-0300 EST. 1190 KBOZ Bozeman, Mt has C.P.

910 KPRV Texas seeks KIKM call change. 1300 KOL Seattle seeks call KMPS.

720 KOTZ Alaska granted licence. 1360 KRUX Ariz seeks KNWZ (K-News)

1020 KSWS NM ident 'K-102' seeks KBCQ. 1430 KGFC N.D. granted KXPO.

1050 KBBV Calif ex KTOT. KOSH ex KMYO. 1470 KWSL new call ex KTRI.

1080 KANC Alaska is 10kw fulltime. 1510 KAAR Washington ex KURB.

1090 KING silent Mons. 1000-1300 GMT. KZAM 1540 new call for KBES, Bellevue, Washington in the clear with KPOL off on Mondays. Credit all to NRC

NEW ZEALAND

RADIO DX LEAGUE

WINNING ENTRY - CAR STICKER COMPETITION

CAR STICKER COMPETITION

Congratulations to Hastings member Ben Bowles on his winning entry. Thanks go to those who took time to put forward ideas. The sticker's colours and production method have yet to be finalised by Adcom.

TANGIERS 1232 is noted by BEC, drifting between 1224 and 1227kHz. SEC8/75

BULGARIA Sofia now on 733 ex 827. A new tx at Vakeral relays Khristo Botev H.S. on 827 0527-2200, external service 0400-0526, suggesting high power. BBC MS 7/75

AGM REPORT 1975

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The League's 27th AGM was hosted by North Otago Branch in Oamaru on Saturday 27 September with representatives from Wellington, Canterbury, Otago and Southland, as well as a strong local contingent.

In his annual report, outgoing National President Eric McIntosh highlighted the League's increasing membership, record number of enquiries being handled by Public Relation's Officer Arthur Cushen, and continued activity in seven branches. Branch secretaries were urged to publicise these activities through the DX Times.

During the year a new position was created in the Administration Committee - Courtesy Programmes Secretary, with authority to arrange and write for DX Tests and special programmes. Any member or branch wishing to arrange such a special broadcast should first write to Steven Greenyer at Box 1313, Invercargill. The AGM saw two changes in Adcom positions - Sutton Burtenshaw as incoming President and Arthur Cushen as Vice-President. Tributes were paid to Eric McIntosh for his efforts as President during the past two years.

A very pleasing response was received to the Car Sticker Competition and the winning entry by Ben Bowles of Hastings was displayed. Interbranch Competitions resulted in Wellington regaining the Hope McGregor SW Cup with 2770 pts (Southland 2704, Otago 2501), while Southland retained the Albert Stanton BCB Cup with 3212 points (Wellington 2844, Canterbury 2797, Otago 2646). Southland also achieved a clear victory in the overall competition for the Columbus Trophy, with 297 points, followed by Wellington 426, Canterbury 677 and Otago 787. Best of Year individual trophies were awarded to Ray Crawford for SW (ORTF Reunion 2446kHz 4kw) and Bryan Clark for BCB (CFJP Quebec 1400 5kw). The newly instituted Junior DX Award was awarded to Oamaru member Paul Ormandy. Paul will receive a Certificate and WRTVH 1976 edition donated by Arthur Cushen. This award will go to the junior member who has most actively supported the NZ DX Times during the year and who is considered to have made most progress in the DX hobby.

The Treasurer's report stated that very little stationery stock is presently held due to imminent changes to metric sizes by the Post Office. Increased printing costs in this area will undoubtedly lead to price increases to members. In anticipation of the postage increases in the New Year it was agreed to increase the domestic subscription by \$1 as soon as the new postal rates were introduced. Significant increases in overseas subscriptions were also anticipated. The motion passed at the AGM will enable Adcom to introduce new rates as soon as the postage increase is applied, rather than wait till the 1976 AGM for approval.

The Times Editor's report noted continued support from the membership, but more interest was sought for the Best of Month Competitions and "SW QSL" feature. Changes were being made to broaden the workload in producing the magazine each month, and it was stated that it is not in the League's or Wellington Branch's interest that the magazine be published by the present Magcom for too long. Other branches were asked to seriously consider their long-term ability to take on the task. 1977, when Wellington will have been responsible for the Times for 5 years, was suggested as an opportune time for another group of League members to take a turn at producing the magazine.

Other matters arising: Adcom served notice of a motion to be put at next AGM allowing on broadcast band, a change of frequency of 1kHz will constitute a new verification. Presently a 5kHz change applies. Arthur Cushen reported on correspondence with the Minister of Industries & Commerce regarding the high duty on communications receivers (37½ to 81% duty and 20% sales tax). Otago Branch suggested a "QSL Bureau" for reports to Australian commercial stations and will enquire into the operation of Ham QSL Bureaux before further action is considered. It was agreed that the League make a further written submission supporting a power increase for the External Service of Radio NZ. Canterbury Branch announced it's intention to host a Convention in 1977. The 1976 Annual General Meeting will again be held in Oamaru.

8 1000 bcb qsl's - looking back - with Ray Crawford.

In retrospect, verifying 100 countries on the broadcast band was a greater personal achievement than reaching 1000 veries, but these days it will be very few of our members who will reach either target with the band slowly being crowded with locals and all-nighters.

For me, it all began 16 years ago when several secondary school boys were shown what DXing was all about by Bill Marsh Jnr. Only Paul Aronsen and I remain of the group. The first station reported and verified was 3ZB Christchurch in August 1959. Since then many hundreds of hours have been spent at the dials and not all of them profitably, to reach 1000 QSLs from 116 countries on broadcast. Shortwave has also been extensively monitored at times, resulting in 1150 verifications from 136 countries.

Somehow it seems a lot harder to hear something new nowadays, though you wouldn't think so when I can get 22 stations in a weekend as I did on a recent visit to Riverton Rocks. There are a lot more NZers on now and TVI is so strong in the cities that the only way to get on top of all this is to find a noise-free location out in the country. This is what we have done almost from the start, and Bill Marsh and I first started up the Otatara DX shack way back in 1960. Today it is still going strong, after a few years of inactivity in the late 60's, when 3 of us operated a shack near Awarua Radio.

Monday nights were 'the' nights to listen in the old days for the Yanks on tests or giving DX specials for the American clubs, and 24 hour stations closing down for Sunday night. I can still remember the enjoyable nights spent with Keith Robinson at his caravan on the banks of Waituna Lagoon, some 20 miles out of Invercargill. A weekend in 1961 resulted in 7 250 watt Yanks including KATI Wyoming and KBZZ Colorado on 1400kHz and WHSC South Carolina, KPIG Iowa and KBOW Montana all on 1450kHz. The Awarua shack in the mid-late 60's gave me my best North American veries - WBIR 1240 and WAKI 1230, both 250 watters from Tennessee heard while testing. My 19th birthday was celebrated at Awarua by logging the English pirate Radio Caroline on 1520kHz with 10kw.

After marriage to Raewyn in 1967, we shifted to Whakamaru on the Waikato River where I continued working in the field of hydro power station operation and maintenance, having been previously based at Roxburgh Power Station. The power noise in the North Island location made broadcast reception difficult but the shortwave total leapt along while there. It was so noisy in rain or fog conditions that 1Z0 Tokoroa, 17 miles away, was impossible to hear. Yanks were no good but Asians were not too bad on a clear night.

Two and a half years later we moved to Lake Coleridge on promotion. Here the band was much better and the totals started to climb again. Most DX was devoted to Asians and my first Latin Americans were heard. Being near to John Knight country and with visits to his Rakai location, a few were reported, but as usual, not many came back. From Coleridge, Canterbury branch meetings were regularly attended and I was elected branch President in 1970. Many DX visits to Leithfield Beach and the hospitality of the Reed family resulted in many loggings and lots of memories. HIDA Dominican Republic on 1590 with 1kw celebrated the birth of our third daughter. Now there are 4!

In early 1971 I returned to Invercargill to work for COMALCO as a Shift Rectifier Controller at the NZAS Aluminium Smelter, with responsibility for power supplies on the site (operations). League administration changes shortly after resulted in my appointment as National Secretary of the NZRDYL. Listening is now done at home and at Tiwai with occasional trips to the Otatara shack. Current equipment is an RCA AR88 and Barlow Wadley XCR30, with an antenna of about 100 feet. The key to success is constant listening and endless patience.

Statistic-wise the 1000 is made up of 89 NZers, 212 Australians, 60 from Oceania, 13 South Americans, 237 USA/Canada, 30 Central America, 80 from Europe, 12 Africans and 260 Asians. It is impossible to pick out the best, but I would choose from: Norfolk Island 1570 18w, Cook Is. 820 500w, Tunisia 719, Djibouti 1538 4kw, AFN Germany 548, Veronica 1562, BBC Start Point 1052, P19

Building a Telescopic antenna pole.

Recently I constructed a completely collapsible antenna pole which extends to nearly 30 feet and collapses to an easily transportable 5 1/2 feet. My final design produced an attractive, light, portable and strong pole made from interlocking aluminium tubing. It is ideal for DXpeditions, listening posts and overnight erection even in the best neighbourhoods. Put it up in a few minutes before a night's DX and bring it down again before the neighbours start complaining about the pole on your front lawn! Three of these were used by yours truly on a recent emergency exercise in North Otago and each withstood 70 knot wind gusts on that occasion, hence they are ideal for even Wellington!

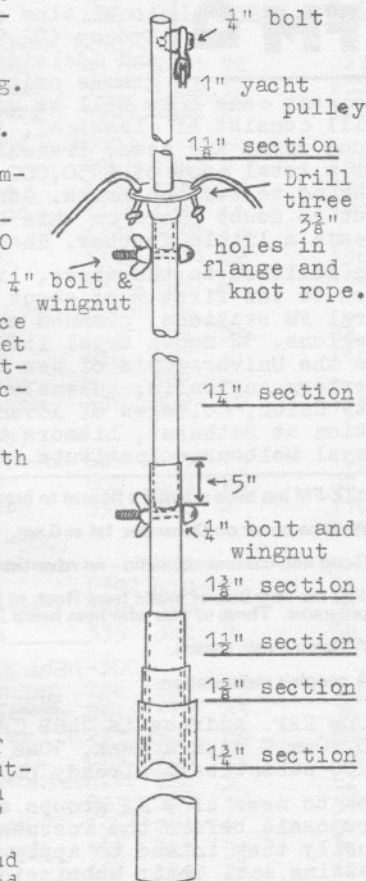
It is most economical to make three of these at once as your metal dealer sells aluminium tube in 16 feet (5 metre) lengths. So get two other people interested and you'll save those dollars. Any number of sections can be made but we have found 6 ideal as the 1 7/8" tubing did not fit around 1 1/2" tubing in the samples we purchased. Cut the sections to the length -s shown and drill the prescribed holes.

Section	Outside Diam	Length	1/4" Hole Drilled thru
1	1 7/8"	64"	1" from the top
2	1 1/4"	63 1/2"	5" from the top
3	1 3/8"	63"	5" from the top
4	1 1/2"	62 1/2"	5" from the top
5	1 5/8"	62"	5" from the top
6	1 3/4"	61 1/2"	5" from the top

File the edges with a file and clean the inside of the tubing of filings and cutting oil. Sand the outside with 2 grades of sandpaper and then give each section a good rub down. Also purchase five 2"x 1/4" bolts, five 1" wingnuts, a 1" yacht pulley, a 1 1/4" PVC flange, 100ft of 1/4" nylon or polyester rope and a 60ft lanyard. Drill three holes in the flange and cut the nylon rope into 3 equal lengths. Put one end of each through a hole and knot on the other side.

Erection will take two people about 6 minutes. Starting with the top section, pull it out of the collapsed 6 pieces of tubing until the bottom of this section is above the hole in the next section. Put in a bolt and use the wingnut to secure it - do not tighten. Repeat with each section until all 5 sections are extended above the bottom section. Get your helper to hold the pole vertical while you secure each guy rope to a peg or fixed object at least 10ft from the base. Using the lanyard (which you thoughtfully had threaded through the pulley before erecting), hoist up your inverted V antenna or what have you. TV or ham yagi antennas may be bolted to the top section but be sure to insert a piece of 1" dowel inside the section to prevent pinching when bolting equipment on.

Dismantling will take one person about 4 minutes. Just leave the guy ropes to last and collapse each section starting at the bottom, by removing the wingnuts and bolts. Good luck!





Pirate FM station Radio Auckland and consideration of FM by Radio New Zealand have caught the headlines in recent weeks. From the DXers point-of-view, the first real prospects for FM-DX should be with us from 24 January next, for at 7am local time on that day, the ABC's fine music stations at Sydney (92.9mHz), Melbourne (105.7mHz), Canberra (101.9mHz) and Adelaide (92.1mHz) will go on-air with a networked programme originating at the ABC's Collinswood Studios, Adelaide.

In each case 50kw will be used, 24 hours a day and the stereo programming will consist of classical, folk, religious, ethnic and show music, as well as some drama and news. Transmitters supplied by Telecom/Australian Post Office at a total cost of \$150,000 will be used and aerials will be sited atop existing television masts. Good reception is expected up to 65km (40 miles), but no doubt DXers on this side of the Tasman will be hoping the signals reach a little further. Thanks to Bruce Williams for this info.

In addition to the above, licences have been granted to the first 9 of about 150 educational/cultural FM stations, planned mainly for provincial regions. 12 month trial licences have been given to the University's of New England, Newcastle & Western Australia, Queensland University Union, Colleges of Advanced Education at Bathurst, Lismore & Hobart, Royal Melbourne Institute of Technol-

4ZZ-FM IS STEREO RADIO

-ogy and Gippsland Institute of Technology.

Keith Barton SDG

4ZZ-FM has been granted a licence to broadcast in FM Stereo to Brisbane.

We'll be on air on December 1st at 6 am.

Good non-commercial radio - no advertisements, no 'DJ' ego-tripping antics.

4ZZ-FM Queensland University will

Just the very best of music from Rock to Roll, plus independent news services and community access programs. Those of you who have heard 2JJ in Sydney will know what we mean.

be on air 19 hours daily,

A stereo music station.

6am to 1am, with a subscription of \$15 - \$20. BC BrW

A people's radio station.

3MBS-FM Melbourne opened in late June on 92.5mHz with 200w ERP. Address is 146B Cotham Road, Kew 3101 and hours of operation 6.30-10.30pm 7 days a week, 10am till noon on Saturday and noon to 2pm Friday. 2200 subscribers already pay \$15 annual sub for the solely classical pgm. BrW

Now to news of 3 NZ groups actively seeking FM licences - Radio Hauraki put proposals before the Postmaster-General recently to test his reaction. Eventually they intend to apply for a non-commercial FM licence under the Broadcasting Act. Their submissions indicate concern that Radio NZ may be given sole use of the FM band to the detriment of private stations.

Radio Link(FM) Ltd, P.O.Box 6072, Auckland has sought a warrant for more than 3 1/2 years. Like Radio Hauraki, they have indicated that they would be on air within 6 months of receiving a warrant. The station, located initially in Auckland would be a public service with multi-language news programmes - FF, GG, JJ, Dutch, Danish & Swiss, as well as EE, and Pacific Islands news. Easy listening, classical and indigenous music would be aired. Link claims 250,000 members through affiliated clubs and migrant organisations. A. Gemmell

Newlands Broadcasting Society was incorporated back in 1968 to promote the 'better broadcasting' FM system and has built a transmitter with Post Office approval. The Society has undoubtedly been the most vocal 'lobby' for FM. Their proposal is for a community station based in the Wellington suburb of Newlands - population 8000. Arthur Gemmell. BC

ANDREW MITCHELL - Thanks for that antenna article; will squeeze in soon, hi!
ARTHUR GEMMELL - Your articles most interesting. Sorry space permits only a brief precis. Arthur is receiving TV2 Christchurch Ch.8 on a Korean built FM receiver, 46 miles from the transmitter. BRYAN CLARK logged the same station while holidaying in Timaru (approx 111 miles distance) but reception was hindered by local TV1 repeater on Ch.7. ASH NALLAWALLA is building the TV broadband dipole and is hopeful of an Aussie!

NZRDXL LADDER COMPETITION

<u>BROADCAST</u>					<u>SHORT WAVE</u>				
<u>Division</u>	<u>Jun</u>	<u>Oct</u>	<u>Inc</u>	<u>Cnt</u>	<u>Division</u>	<u>Jun</u>	<u>Oct</u>	<u>Inc</u>	<u>Cnt</u>
<u>GOLD STAR (Over 1250)</u>					<u>GOLD STAR (Over 1250)</u>				
Arthur Cushen	2179	2184	5	141	Arthur Cushen	4179	4201	22	227
Merv Branks	2058	2075	17	-	Barry Williams	1953	1969	16	202
Keith Robinson	2038	2046	8	108	Dene Lynneberg	1909	1935	27	180
<u>SILVER AGE (751 - 1000)</u>					<u>GOLD AGE (751 - 1000)</u>				
Ray Crawford	986	1013	27	116	Tony Marr	1245	1247	2	195
Eric McIntosh	882	891	9	81	Stan Larking	1233	1255	22	121
Robin Chambers	791	796	6	103	John Mainland	1199	1210	11	170
Sutton Burtenshaw	790	813	23	86	Ray Babbage	1181	1191	10	-
<u>ACE (501-750)</u>					<u>SILVER AGE (751-1000)</u>				
Stan Larking	680	683	3	83	Hans De Jong	967	996	29	88
Dene Lynneberg	657	662	5	81	John Durham	926	977	51	110
Graeme Shillito	606	606	-	60	Brian Withers	-	882	-	-
<u>SENIOR (301-500)</u>					<u>ACE (501-750)</u>				
David Ricquish	464	473	9	46	Lindsay Robinson	681	696	15	106
Paul Aronsen	-	413	-	-	Jack Searle	602	628	26	90
Ray Babbage	375	378	3	-	Eric McIntosh	596	598	2	110
Brian Withers	-	359	-	-	<u>SENIOR (301-500)</u>				
Bryan Clark	338	339	1	68	Paul Aronsen	-	491	-	-
Chris Martin	337	364	27	108	Jim Benzoni	(392)	410	18	85
<u>INTERMEDIATE (151-300)</u>					<u>ACE (501-750)</u>				
Lance Johnston	276	276	-	30	Lindsay Robinson	389	389	-	72
Jim Benzoni	(232)	233	1	22	Alan Robson	335	342	7	68
Lindsay Robinson	194	198	4	25	<u>INTERMEDIATE (151-300)</u>				
Sinclair Bennett	186	189	3	10	Steven Greenyer	286	297	11	114
Alan Robson	172	177	5	25	Peter Greener	261	314	53	75
<u>JUNIOR (51-150)</u>					<u>ACE (501-750)</u>				
Jack Searle	140	140	-	15	Austin Hadler	233	302	69	58
Gay Johnson	114	114	-	10	Colin Campbell	228	240	12	58
Paul Ormandy	111	135	24	15	Jonathan Aitchison	221	224	3	62
Michael Smith	110	112	2	7	Paul Rawdon	205	221	16	56
Jonathan Aitchison	99	100	1	12	Michael Smith	194	201	7	52
Bruce Cavanagh	94	102	8	18	Bruce Cavanagh	172	223	51	75
Andrew White	84	94	10	13	Jack Farrow	161	189	28	42
Pamela Sutton	82	93	11	-	John Martin	160	240	80	49
Graeme Hammond	82	85	3	11	Cecil Symmes	154	193	39	56
Paul Rawdon	81	115	34	12	Brian Molloy	153	169	16	45
Gavin Bennett	62	74	12	14	<u>ACE (501-750)</u>				
Brian Oliver	52	112	60	4	Paul Ormandy	81	165	84	57
<u>NOVICE (1-50)</u>					<u>INTERMEDIATE (151-300)</u>				
Philip Brooks	42	67	25	7	Bill Vogel	(136)	167	31	78
Jack Farrow	33	46	13	4	<u>JUNIOR (51-150)</u>				
David Feldon	40	42	2	-	Paul Edwards	102	145	43	61
Colin Campbell	(31)	32	1	-	Ian Wells	104	108	4	49
Ash Nallawalla	(11)	31	20	4	Graeme Hammond	100	103	3	27
Due to space limitations, any entrant who hasn't updated his total since June has had to be deleted. This rule will apply in future - that is, a total must be advised at least every 4 months, to remain in the Ladders.					Garry Butler				
Don't forget - ladder finals in the December issue.					Gay Johnston				
					David Feldon				
					Andrew White				
					Alex Wellner				
					<u>NOVICE (1-51)</u>				
					Pam Sutton				
					Ash Nallawalla				
					Brent Allred				
					Peter Mott				

12 Shortwave Mailbag

with TONY MARR

After so many years of writing letters to this page, it seems somewhat strange to be on the receiving end of so many letters. I just hope that I can do as good a job as John has been doing. Without any further ado, let's have a look in the mailbag....

BRYAN CLARK Wellington is first up, and has 4 out and QSLs from Nepal 5000 Malaysia 15275 and Upper Volta 4815.

IVOR HILL Bluff has a good list:
RN 9715 9770 11730 DW 9735 9605
RA 9730 9625 11870 9570 Peking
11720 11600 9030 HCJB 6130 Prague
11990 8 from NHK RNE 6065 Warsaw
9675 with a pennant Moscow 11770
VOA 9750 11770.

JIM BENZONI Hamilton has QSLs from
YVPA 4940 YVMQ 4990 YVMO 4800 RA
Shepp 9625 KGEI 5980 RNE 11775
Peking 11600 RN Bonaire 9590 DUR2
9580 V. of Hope 9670 Kuwait 9555
AFRTS Delano 6095.

BRUCE CAVANAGH Invercargill has a long list Tashkent 11730 11925 15115
VOA Okinawa 7165 Peking 11650 Warsaw
6095 Moscow 11780 HCJB 6130 Austria
7200 Israel 12025 Jordan 7155 RA
6005 7220 Veritas 9570 RN Bonaire
9590 FEBC 11920 NHK 15105 R.Havana
11930.

GRAEME HAMMOND New Plymouth has the following: V.Vietnam/Cuba 11760 DW
11785 15150 VOA 15270 RCI 9755 RNZ
11780 V.Vietnam 10040 RA Shepp 7220
Peking 11685 BBC 6195.

DAVID FELDON Rotorua in his first letter to us tells of QSLs from RN 11730 NHK 15195. Welcome!

PETER MOTT Christchurch has QSLs from Budapest 9833 9585 11910 NHK
9505 11875 Moscow 11870 Cuba 11760
TWR Bonaire 11815 TWR Monaco 7105
RN Bonaire 9715 RN Lopik 15265 SBC
11775 KBS 9740.

BRIAN WITHERS Christchurch has 3 out and one back from Sarawak 5005

GARRY BUTLER Wellington advises QSLs from Canary Islands 15365, Lagos 7275, NHK 15195 & 15325 + pennant.

JOHN ALLCHIN has QSL'd Radio Australia on 11840, 9580, 5995, 6005, 15160, 15240, 17795.

JONATHAN AITCHISON Dunedin has one out and QSLs from VLM15
15425 Nth Dist 2468 Luxembourg
6090.

DES DAVEY Te Kuiti has one out and these back: NHK 15105 FEBC
11890 RN Bonaire 9590 RCI 9445
Kuwait 15345 9715 Hungary 9833
Tahiti 15170 SBC 9590.

PAUL RAWDON Lower Hutt has 19 out and replies from NHK 7140
7205 5990 JKH3 7285 RN Lopik
17700 Singapore 5010 SBC 3985
ETLF 15250 RSA 4875-DUH2 6170
HCJB 9560 WYFR 5985 DW 11795
Pyongyang 3560 Sweden 11795.

RAY CRAWFORD Invercargill has them back from Rabaul 3385 TWR
Monaco 7105 AIR 15205 RNZ 6105
11900 RN Bonaire 6165 11730
VOA Tangier 9510 Delano 6125
BBC Tebrau 9570 RRI Bandung
2420. A nice one....

LINDSAY ROBINSON Invercargill has 7 out and QSLs from KGEI
5980 RA 15270 RNZ 6105 and a pennant from Progresso 4020.

STAN LARKING Whakatane has a large collection RCI 15325
17820 Paris 5955 Tahiti 15170
Madrid 11920 DW Malta 9535
AFRTS 6030 FEN 6155 Bucharest
17840 Espana Indep. 12140
HCMJ1 4910 HJAX 6065 HISD
5970 VLT9 9520 Ankara 15165
Rome 6050 ETLF 11830 SABC
3285 Iraq 11785 AIR 9912 9525
KGEI 9615.

PAUL EDWARDS Wellington has 2 out and varies from ORF 17840
Hungary 11910 Nigeria 15185
Kuwait 9555 Maldives 4740.

PAUL ORMANDY, Oamaru sports a big list too: TRT 15165, Ujung
Padang 4985, Kiev 12000, Prague
11990, FEN 3910, Budapest 9820,
V.05 5020, WINB 15185, RN 9590,
RSA 11900, RNE 9360, KGEI 5980,
New Ireland 2428, IBA 4 freqs,
3 VOAs, AIR 11620, 3 BBCs, 4 RA's.

BALANCE OF SW MAILBAG ON PAGE 2

This month we welcome Tony Marr, one of our most experienced SW DXers, to oversee the SW Mailbag section. John Mainland continues in charge of SW Bandwatch preparation. Ed.

BEST OF THE MONTH

Under 9mHz: Barry Williams
 Turkish Police Radio 6340 350w
 Over 9mHz: Paul Ormandy & Paul Edwards
 Radio RSA 11900 250kw, Nigeria 15185.
 respectfully.

WYN MACHON Invercargill has a

long list SBC 6045 3985 VOA

6125 2020 VOA 3945 NKK 9505

9405 5160 RBT 6040 Vietnam 12035

BBC 17880 AIRTS 9700 6030 PEN

3910 RCI 9685 Hungary 9833 KGEI

5980 RA 7220 NKK 11875 Peking

7620 RNZ 11900 Contiente 5030

Sofia 9700 RNE 9365 Peace and

Progress 21650.

GORDON HUTCHISON Katapoi has

QSLs from SBC 11715 VOA 11825

and Hungary 11910.

DENE LYNNBERG Wellington has

12 out and replies from Gwelo

3396 Kiev/Wladivostok 17900.

FRED HUMPHREYS Wellington also

sports a QSL from Gwelo 3396.

JOHN DURHAM Meremere has a

Good Tot AIR 1620 15190 WYFR

9715 VQO 5020 9345 BBC Tebrau

17880 TRT 9515 15165 Sibu 5005

HGCB 6130 Austria 15435 Lagos

15185 VOA Kavala 7170 Rhodes

RBI 15250 ETLF 11800.

ARTHUR GUSHEN Invercargill has

QSLs from Sweden 9695 Valtian

11950 Swan 6185 RPKD Sidorajo

3893 RNZ 6105 RNE 6065 SBC

9725 Vatican 7155.

PHILIP HOPE Oamaru in his first

contribution advises 9 out and

answers from RN 11730 France

21740 RA 11765 9580. Welcome!

HANS DE JONG Tasmania has them

back from KGEI 5980 VOA/UK 7225

DW 9615 Pyonyang 11535 Moscow

15260 AIR 11770 15180 RBI 11765

17740 ERBC 15445 RSA 17780 SBC

17840 ORF 17850.

BARRY WILLIAMS Auckland has

QSLs from RN Talata 7285 ETLF

7145 Riyadh 6130 Bangia 21685

TWR Manzini 9590 Turkish police

6340, with 350 watts. Very nice.

ALAN ROBSON Christchurch has a

penant from Gran Colombia 4910.

BILL VOGEL, Adelaide has a good

selection: Saudi Arabia 7110, ORU

11855, Turkey 9515, VIKR, Finland

9550 in 14 days, Sutateza 5075,

Niamey 5020, Kuwait 9555, Zambia

cont. opposite

JACK BARROW Lower Hutti has had the

following success Peking 7120 VOA

7295 Moscow 6490 AIR 9525 BBC 9580

NKK 9585 RA 9530 17740.

CECIL SYMMES Wellington has QSLs

from Austria 6000 VLDQ 9660 RA

17715 17740 DUH2 6170 VOA 17765

9510 9635 AIRTS 6095 TWR Manzini

9590 DW 17800.

JOHN MAINLAND Wellington has them

from TWR Manzini 9590 Swan 6185

Hungary 15160 RNE 6075 Milne Bay

6040.

PETER GREENER Auckland has them

back from WYFR 17845 RA 17820

17740 Lara 4800 TRT 15165 Kuwait

9555 ETLF 11800 VLT4 4980 AIR

9912 TWR Manzini 9590.

STEVEN GREENBER Invercargill has

replies from Progress 4920 Swan

6185 Upper Volta 4815 RNZ 6105.

ARTHUR KINDRDL Levin has 4 out and

QSLs from PDK4 4890 Milne Bay 3560.

ASH NATLAWALTA Dunedin has them

back from Tashkent RA 9770 11765

AIRTS 17765 SBC 9725 RNZ 9540 VLT6

and Sweden 11705.

AUSTIN HADLER Christchurch has 20

out, and an impressive return RA1

7275 ORU 9755 Vatican 7235 9605

Tahiti 11825 Cuba 11930 RN 15265

V. of Phil 9580 NKK 7140 15310 RBI

6040 Israel 5900 BBC 5975 Noumea

3555 Moscow 11850 RNZ 6080 Buchar-

-est 9690 5090 VQO5 5020 Lagos 7275

VOA Colombo 11740 Prague 9505 HGCB

6130 WYFR 11720 Kuwait 9575 RNE

6065 RA Sherg 15270 VOA Grn 9760

DW 5990 Peace and Progress 15360

Albania 7500.

BRENT ALBERD Neteketa has them from

HGCB 6130 11915 RA 15160 9570 NKK

15310 RN 6165 11730 Peking 9460

11675 RBS 9640 plus penant AIRTS

9700 11790 and a VOA.

ALBX WILNER Bondi has QSLs from

Bougainville 3322 Singapore 5052

Tahiti 6135 Kiev 12050.

HARRY SPATLE Haumona has two back

from NHR 15420 and 17725.

..4911, Tahiti 15170, western Dis-

tricts 3305, Malawi 3380, Espana

Independentte 12140.

SW QSL

Africans feature largely this month with a rather rare verification from 14
Nepal being received by Bryan Clark.

DOMINICAN REPUBLIC Radio TV Dominicana. Letter, postcard and a letter stating history of station in SS of Radio and TV in only 20 days for airmail report in SS and 3 IRC's. Letter signed by R.A. Font Bernard, Secretario de Estado Director General de RTVD. (Vogel)

BRAZIL Radio A Voz D'Oeste, Cuiaba 4985 10 Kw. Registered PP letter and five postcards received in one month for PP letter and taped report. Very friendly letter advising frequency now changed to 4775 kHz. They were interested to hear my tape as they were supposed to have changed frequency but I actually heard them on their old frequency. (they have since been heard on 4775 kHz) Verie signer is Lila Martins Spadoni.

INDONESIA R.K.I.P. Surabaya 4968 kHz 2 Kw (Lynneberg)

QSL Card giving all details. Verie signer is Mrs. Koentaryadi, Leader of RKIP. Has programing for farmers. (Crawford)

IRAQ Radio Bagdad sent an attractive QSL card showing a map of Iraq, a picture and flag. Also a car sticker showing an eagle with a flag on the chest and program schedule in 6 weeks for an EE report with no IRC's. (Vogel) Please include frequencies in future Bill.

MALAYSIA-SABAH? Voice of Malaysia 15275. Letter confirming reception from D. Geoffrey, Supervisor English Programs in 3 1/2 weeks with promise of QSL Card to follow. Location of transmitter queried, bringing following response - "Our transmitters are located at a town called Kajang, about 15 miles south of our studios in Kuala Lumpur". (Clark)

NIGER Radiodiffusion du Niger 5020 kHz 20 Kw. Black, white & red Card showing Map of Niger and Africa with all details on reverse side. By air in one month for f/up report in French sent registered airmail. (Lynneberg)

NEPAL Radio Nepal 5000. Airmailed QSL Card with program schedule and report form for registered report in EE with 2 IRCs for old frequency 5000 kHz. Received after 20 months and worth waiting for (Clark - good catch there Bryan.)

NETHERLAND ANTILLES Radio Nederland-Bonaire. QSL Card with full details received in 14 days. Card depicts the Mint Tower and is the last in a series of four. (Vogel)

RHODESIA Rhodesia B/C Corp. Gwelo 3396. Colourful QSL showing water buffelo, and giving full details except power. Received in 2 months for EE rpt with 1 IRC. (Humphries & Lynneberg)

SOUTH AFRICA Radio RSA 3230. Colourful Rhino card giving full details. Aerogram from Gerry Wood, DX Editor states that this QSL is the first one for a Radio RSA transmission in the 90 metre band so it is a kind of special achievement. Received in 1 month for rpt without IRC's. (Lynneberg)

UPPER VOLTA Ouagadougou 4815. Simultaneous verification of two separate reports, one after 7 months, other after 2 months Registered reports in FF with 2 IRC's sent. QSL stenciled sheet folded in 4 with stamps on one side and address on other. No staple yet arrived in mint condition. (Clark)

ZAMBIA Radio Zambia 4911. Black and white card with full details except power. Received in 1 month by a.r for EE rpt plus

2 IRC's. Verie signer is Peter Musuba (B.Eng.) for Chief Engineer. (Lynneberg)

Contributors this month: Bryan Clark, Fred Humphries, Dene Lynneberg, Ray Crawford and from Adelaide Bill Vogel. QSL details for December issue to reach Box 2956 by middle of November.

Section Ed. DENE LYNNEBERG



SHORTWAVE BANDWATCH

Coordinated by John Mainland

Our pages this month highlight continued reception of many African, Latin American and Indonesian signals. Arthur Cushen, in a last minute report, advises reception of Muscat 11890kHz; while a new Papua-New Guinean station was first observed here in Wellington on 8 October - frequency 3905kHz. Dave Lynneberg & Fred Humphries report Athens in English on 9520kHz with the identification "Voice of Greece"; while Radio Korea is providing evening reception on the new channel of 9600. Tunisia appears to have a new transmitter on 9650 and ELWA Monrovia is heard on 11935 in Arabic. Finally continued reception is observed from Malaysia on 15225 and 15295kHz and Radio Nacional, Colombia on 1535kHz.

FREQUENCIES IN KILOHERTZ ALL TIMES IN GMT (NZ Standard Time - 12 hrs)

COUNTRY STATION PROGRAMME & RECEPTION DETAILS

INDONESIA RRI Jakarta with mx prgm. s/off 1700. DL

INDONESIA RPKD Sitaran, fair. RPKD Sampang-Madura fair on 3055 AW+

IRAQ Baghdad VA Home Service, good. JS (50kw per BGC MS 8/75.Ed) AW

INDONESIA RRI Bandung fair with music prgm. AW

FERU Radio America good in SS.FE. SS & EE pops on a Saturday. BC

INDONESIA-BORNEO RRI Banjarmasin good on late with Ramadan, with stations in Moslem countries often extending skeds to all night. Regret into recd too late for publication last month but 1976 dates expected to be 27/8 - 25/9. BC

GUYANA Action Radio with guitar tuning signal till 0800: fair. FE

RHODESIA RBC Gwelo fair with EE Nk. Telegraphy interference. DL

SIERRA LEONE SLBS Freetown good in EE & Veracras. Prgm Summary

0605.1/out 0648. BC. 0600 s/on Sum. with rlg mx. BGC Nk 0700. RC

0611 fair. Local EE nx 0655. SG 0630 Nk in vernaculars, fair. JD

NORTH SOLOMONS Kitea with GSG at s/off on independence night. FD

INDONESIA RRI Jayapura s/n with mx, full ident. on early for Ramadan. DL

1808 relatively new freq strong till t/out 1905. BC

PAKISTAN Peshwar with music & talks, fair-good. AK

GHANA Accra good with EE Nk. // freqs 3366, 4915 & 4980 all

good 12/9. BC. Fair strength with EE news. JD

NEW GUINEA Noumea excellent with talks and mx in FE. AK

INDONESIA RRI Malang ex 3421. S/off with id 1600. Tyson, Yeo ADXN

INDONESIA RRI Pak Pak poor with nx relay. Severe prgm. RC

INDONESIA RPKPK Pasuruan fair in Indonesian. RC

INDONESIA RPKPK Supang with Indonesian music, fair. AW

INDONESIA RRI Palangkaraya with classical music. AC

3905 0800

FAIUA-NEW GUINEA Lorengan heard testing 8 October. Mainly

FDgin prgms & mx. EE annot with freq also noted 1000. FD

Fair signal but noisy. Lorengan is in the Admiralty Islands. JM

INDONESIA Raddo Ternate with Indonesian talk // 3945, fair. AW

SOUTH AFRICA SABC Afrikaans Service fair with classical mx. BC

INDONESIA RRI Palu with ident after chimes. Nk. Off 1520. Yeo ADXN

FRANCE Paris Inter with news in French. AC

WEST GERMANY VOA Munich EE nx fair. BGA Breakfast Show, good. JR

SOUTH AFRICA SABC Springbok Radio quiz in EE. 1930 adpts, play. DL

ARMENIAN SSR Yerevan in Armenian // 4950. FD

INDONESIA RRI Serui good to s/off 1255. RC

INDONESIA RRI Surabaya, Love Ambon, themes, ads and news. DL

COLOMBIA Emisora Nuevo Mundo with SS mx prgm, poor-good. AW

INDONESIA RRI Jakarta? Khunsa prgm to 1300, then news. RC

APRARS & ISSAS Djibouti VG with chants. Followed to 2004

when ident in VA hrd. AC BV+

COLOMBIA Ecas del Combeta, Ibaque now 24hrs. "Super Radio" AC BV+

4785 0700

INDONESIA RRI Jakarta

4774 1300

4755+ 0605

4698 1500

4605 1220

4040 1030

3980 0500

3965 2000

3960+ 1400

3955 1855

3915+ 1045

3905 0800

3905 1330

3762+ 1100

3462 1250

3392 1300

3382+ 1500

3355 1030

3350 0600

3330 1745

3325 1758

3322 1400

3316 0559

3307 1746

3290 0725

3250 1838

3240 0600

3205+ 1045

3195 1755

2908 1240

2450 1643

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FREQ	TIME	COUNTRY	STATION	PROGRAMME & RECEPTION DETAILS	16	INITS
4810+	0500	GALAPAGOS ISLANDS	La Voz de Galapagos	usual s/off 0410, but hrd till 0530 Sats. Reception good.		Jaar NASWA
4815	0445	PERU	Radio Samaren	good in SS to s/off 0500. RC		Abrupt off 0455. SG
4850	0700	MAURITANIA	Nouakchott	good with Koran reading & AA prgms. 1845 incredibly good early Sept. Id "Radio Mauritanie" 1853.		JD BC
4855	1200	INDONESIA	RRI Palembang	fairly good. B JW. 1130 Indonesian, fair.		AW+
4865+	0630	COLOMBIA	Voz del Cinaruco	with SS mx and talk.		AW
4872	0947	INDONESIA	RRI Sorong	poor. Ident 0957. CS. 1223 EE pops, fair.		AW+
4907+	1135	KHMER REPUBLIC	Phnom Penh	talks in Cambodian, mx.		AW
4920	0430	HONDURAS	Radio Progreso	fair with mx. No sign VLM4.		LR
4932	1030	INDONESIA	Surakarta	fair with talk and music.		LR
4940	0619	IVORY COAST	Abidjan	fair in FF, high life. Bad splash Colosal.		BC RC
4945+	1230	INDONESIA	RRI Bandung	fair with Indonesian music.		AW
4955	1900	INDONESIA	RRI Banda Aceh	good with Moslem type prgm & Indonesian anncs. On for Ramadan. T/out 2000. BC. 1045 hrd fair.		AW+
4965	0600	COLOMBIA	Radio Santa Fe	excellent in SS. PM. 0705 good in SS.		GB
4985	0940	INDONESIA	RRI Ujung Padang	poor with mx prgm. AR 1900 Ramadan.		DL BC
5020	0530	NIGER	Niamey	fair at s/on with national anthem, flutes. SG. Drums.		RC
5025	0449	ECUADOR	Radio Spondit	ident hrd fair. First noted 14/9 till s/off 0520. BC. 0515 good at s/off with full id & frequencies.		SG RC
5039	0612	CENTRAL AFRICAN REPUBLIC	Bangui	good & steady with indig mx till full id & FF nx at 0657. T/out 0730. Only hrd 12/9. No Latin.		BC
5040	1430	BURMA	Rangoon	poor in EE. Severe sideband QRM.		JS
5052	1035	SINGAPORE	Radio Singapore	in EE. Poor, bad heterodyne.		CS
5805	1817	YEMEN ARAB REPUBLIC	Sanaa	with AA songgs, nx. Good till 1900.		AK
5955	0900	USA	United Nations Radio	via Dixon concluding to Aust/NZ, good.		CS
5965	0658	NORWAY	Oslo	to Europe poor under VOA, new freq. Audible past 730.		BC
5965	0800	MOROCCO	VOA Tangiers (50kw to Nth Africa)	s/off in EE, fair.		PG
5975	0936	BRAZIL	Radio Guaraja	vg with popular songs & PP anncs.		BC
5975	0403	GREAT BRITAIN	BBC World Service	Nx, good. Ca. 0433 Ident, good.		CS
5990	0400	ROMANIA	Bucharest	EE good // 11940, 11775, 9690, 9570, 6190, 6155. 0409 fair with EE news.		PO JF
6000	0907	BRAZIL	Radio Inconfidencia	good with many advts in PP.		BC
6005+	0715	ASCENSION ISLAND	BBC Atlantic Relay	good with World Service.		AW
6015	0500	AUSTRIA	ORF Vienna	fair-good in GG on unlisted frequency.		JS
6040	0725	PAPUA NEW GUINEA	Radio Milne Bay	to s/off 0820 on 17/9 with Independence celebrations in EE & Pidgin. Fair.		JM
6040	0445	EAST GERMANY	RBI Berlin	vg in SS to Latin America.		JS
6045+	1017	URUGUAY	Radiodif. del Uruguay	in SS to 1034. Jones, Robins NASWA		
6060+	0730	ARGENTINA	Radio Nacional	light music. Full ident 0800.		AW
6085	0330	SPAIN	Madrid	in SS for the Americas. New frequency 21/9.		JM
6085	0855	BRAZIL	Radio Comercial de Recife	fair with full ident 0903.		BC
6090	2250	KHMER REP.	Phnom Penh	vg in Khmer to 2330, FF to 2345, then EE.		PO
6100	0245	MALTA	Deutsche Welle Relay	in GG, station ident. Poor.		CS
6120	0745	ARGENTINA	Radio El Mundo	Buenos Aires mx prgm, many ids.		JD
6155+	0430	POLAND	Radio Warsaw	poor with SS service.		AW
6155+	2058	AUSTRIA	ORF Vienna	s/on 2100 // 9770, 11965, 15435 new freq, 11965. BV		
6160	0815	COLOMBIA	Radio Nueva Granada	good. Many ids "Radio Cadena Nacional-"		
6170	0945	PHILIPPINES	DUH2	fair in EE. Wx 0951. Better signal 1000. PG/al "AR"		
6175	1100	MALAYSIA	Kuala Lumpur	, Radio Malaysia good in Indonesian.		JD
6175	0725	FRANCE	Radio France Home Service	Relay exc with FF pops.		GB
6185	0646	LIBYA	Tripoli	vg in AA, many ids. PO. 2000 AA H.S. fair.		B JW
6190+	1010	INDONESIA	RRI Padang	soccer cmtry. Jakarta nx 1300. Tyson, Yeo		AD XN
6195+	1245	MALAYSIA	BBC Far Eastern Station	poor-fair, Sports Round-up.		Hd J
6200	0332	ALBANIA	Radio Tirana	good with news.		PR
6335	1815	NORTH KOREA	Pyongyang	very good in English.		JS
7062+	1150	INDONESIA	Jakarta	with mx. Id 1157, time pips, id, nx 1200 fair.		BV
7105	0530	MONACO	TWR Monte Carlo	in RR mixed BBC Ascension. Poor.		JM
7170	1820	GREECE	VOA Kavala	, EE Nx, mx, fair. CS. Fair in EE to s/off 2200. AR		
7210	0650	GREAT BRITAIN	BBC African Service	vg with mx. EE s/off 0659.		BA
7235	2020	ITALY	RAI	s/on 2026 in EE, id, nx. CS 2230 VATICAN Radio EE fair		BV+
7260	0535	EAST GERMANY	RBI	new PP service to 0600, very good 27/9.		JM

NEWSFLASH: Further to entry for 3905kHz, the following announcement was observed at 1000 GMT on 9/10 by BC: "This is a test transmission from Radio Manus of the National Broadcasting Commission of Papua New Guinea. Radio Manus broadcasts on 3905 kiloHertz...70 (?) metre band." Manus is the largest of the Admiralty Islands which are approx 200 miles north-east of the P-NG mainland in the Bismarck Sea. Lorengau is the main town.

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<u>FREQ</u>	<u>TIME</u>	<u>COUNTRY</u>	<u>STATION</u>	<u>PROGRAMME & RECEPTION DETAILS</u>	<u>INITS</u>
7275	0600	NIGERIA	Radio Nigeria,	Lagos good reception 6/9.	PM
7295	1025	MALAYSIA	Penang Radio Malaysia	good with popular mx prgm.	JD
7345	0300	CZECHOSLOVAKIA	Prague	in EE to USA. Poor but improving.	JS
9022	2000	IRAN	Teheran	good in EE at this time.	PM
9360	0336	SPAIN	RNE Madrid	good with talks and mx in SS. also 9630 vg.	BCa
9520	1515	GREECE	Athens "Voice of Greece"	ident and EE nx, very good. Greek noted from 1500.	DL FH
9525	0325	USA	WYFR Family Radio	with EE rlg talks. Weak signal.	GH
9530	0415	USSR	Radio Moscow	excellent with Mailbag in EE.	GH
9530	0000	AUSTRALIA	RA Shepparton (100kw)	strong at sign-off.	BW
9540	0300	CZECHOSLOVAKIA	Radio Prague	poor in EE due QRM 9535.	BCa
9550+	0630	FINLAND	Helsinki	with nx prgm in Finnish. 0640 Swedish. Fair.	BV
9555	2200	PHILIPPINES	VOA Tinang	int sig & EE s/on, then CC. Poor.	CS
9570	0400	ROUMANIA	Bucharest	exc in EE. PM 0425 under another station. 9690 vg with DX prgm 0420. GH 6155 fair with nx, cmt at 0407.	GH CS
9575	1003	INDIA	AIR General Overseas Service	with EE Nx. No Godthab hrd.	BC
9580	1820	AUSTRALIA	RA Shepparton 100kw, mx.	15160 0445 Nx. DF 2046 Exc.	BA
9580	1028	PHILIPPINES	Radio Filipinas	good in EE 'Industrial Digest'.	BCa
9585+	1830	SOMALI REPUBLIC	Mogadishu	in Somali till s/off 2102. Behr NASWA	
9590	1300	NORWAY	Oslo s/on in GG (Norwegian?Ed)	QRM from P&P till 1314.	BCa
9590	2100	SWITZERLAND	SBC Berne	good in EE but sideband RA 9580.	BW
9595	0842	JAPAN	NSB Tokyo Nihon SW Broadcasters	good in JJ.	GB
9600	0900	SOUTH KOREA	Radio Korea	in EE till 0930. New freq //9640, 11850. Very good 3/10. JM 9640 exc & 11850 vg with EE talks.	GB
9610	0300	UKRAINIAN	SSR Kiev	good in EE to USA.	JS
9635	0130	BRAZIL	Radio Aparaceda	PP id & mx prgm. Fair to 0230.	JM
9645	0130	EAST GERMANY	Radio Berlin International	vg with SS prgm.	GB
9650	0600	TUNISIA	Tunis AA Service	till t/out 0750. New freq, good.	JM
9655	2130	HUNGARY	Budapest	with EE nx. AC 9833 s/on strong in SS 0000. GH JS	
9660	0315	VENEZUELA	Radio Rumbos	very good with SS prgm.	GB
9680+	1235	CUBA	Radio Havana	fair in SS. Ident 1240.	BV
9680	1800	SWEDEN	Stockholm	in FF to Mid-East. Fair mixed VOA Kavala.	JM
9690	0600	ARGENTINA	RAE Buenos Aires	in EE to USA till 0700, good. JM 0612 fair with Tourist prgm. Good 0650. PR Very strong over BEC.	PE
9695	1533	INDIA	all India Radio	fair with news in EE.	CS
9700	0420	BULGARIA	Sofia	in EE with DX prgm, fair.	GH
9725	0435	SWITZERLAND	SBC Berne	with "Dateline" in EE. Severe QRM.	GH
9740	2030	USSR	Radio Moscow	strong in EE to Africa.	BW
9755	2045	MALTA	Broadcasting Malta, P.O. Box 82, Gwardamanga	in EE on Sun. NZT for reports. JD Tourist prgm. PR 2100 IBRA. AC PR	
9765	2102	WEST GERMANY	DW Cologne	exc with Nx, cmt, "Roundabout".	BA
9770	0145	AUSTRIA	Vienna	very poor with EE prgm.	GB
9815	0500	ISRAEL	IBA Jerusalem	good with EE Nx. JF vg with EE nx.	BCa
11675	2130	CHINA	Radio Peking	good with Nx, Book review. 11720 vg 0843.	Ba
11700	1600	UZBEK SSR	Radio Tashkent	s/on fair. Persian news.	BCa
11715	0145	SWITZERLAND	SBC Berne	good in EE. PM. 0437 EE cmt, fair.	CS
11715	2020	SWEDEN	Stockholm	in SS & EE to 2034. Fair, new frequency.	JM
11740	0343	CYPRUS	BBC Relay	s/on in AA fair-good. 11760 0550 Nx, EE fair. HJ	
11760	0515	CUBA	Havana	nx & cmt in EE. fair to good.	CS
11790	0530	VATICAN STATE	Vatican Radio	opening in EE & other langs, fair.	CS
11800	0530	ETHIOPIA	ETLF	in EE to West Africa, fair. JM. Severe QRM Mayak.	FR
11820	2230	AUSTRALIA	RA-Shepparton	new freq x11790 in Indonesian to 0030. JM	
11825	1143	CANADA	RCI Sackville	fair in EE to Caribbean. FF at 1215.	Pgr
11815	0500	BRAZIL	Radio Brazil Central	with full id, during unusual opening. F/out 0540. 11805 Globo hrd 2200 past 0040 early Oct.	NR

FREQ	TIME	COUNTRY	STATION	PROGRAMME & RECEPTION DETAILS	18	INITS
11830	0415	EAST GERMANY	RBI Berlin	in EE very poor at s/off.		GH
11835	0845	FRANCE	Radio France	International good with mx prgm in FF.		GB
11835	0307	CUBA	Havana over HCJB	but under RCI.New freq.SS 0550.S/off		
11840	0530	ROUMANIA	Bucharest	fair in EE to Africa. Noted 28/9JM/0602.		JM
11850	0010	SWITZERLAND	SBC	with cmt & mx in FF,fair.GS.0032 Italian.		PR
11855	0310	USA	WYFR Family Radio	good in SS.		BCa
11875	0930	JAPAN	Radio Japan,Tokyo	with Nx.Also 15235. At 0800,15195.		DF
11875	0145	ECUADOR	HCJB Home Service	in SS at fair strength.		JM
11880+	0555	ZAMBIA	Radio Zambia	with Eagle call, EE ids.Sundays.Cosier		NASWA
11880	0230	SPAIN	Madrid fair	in EE new freq ex 11925 //6065, 26/9.		JM
11890	2045	OMAN	Muscat	now using this freq in AA to s/off 2100 but suffers from jamming and RFE interference earlier.		AC
11890	0817	PHILIPPINES	Manila FEBC	vg with rlg talks and music.		GB BA
11905	2100	USA	WYFR with UPI World News,	then mx & Gospel prgm,good.		PR AC
11905	0358	ITALY	RAI Rome	vg with Nx & Mx till s/off 0410.Lang?		BA
11925	0030	NETH.ANTILLES	TWR Bonaire	ex 11830.EE rlg prgm to Far East.		JM PR
11935	0730	LIBERIA	ELWA Monrovia	AA rlg prgm to s/off 0745.New freq.		JM
11940+	0656	ROUMANIA	Bucharest	with ident & nx 0700. Good in EE.		BV
11945	0138	SPAIN	RNE Madrid	with ident & cmt in SS, good.		CS
11965+	0810	ALGERIA	RTVA	fair with talk and commentary in AA.		BV
11865	0200	BRAZIL	Radio Cl.Pernambuco	in clear till DW on at this time.		NR
12080	1316	ISRAEL	IBA Home Service	in Hebrew.Nx 1400.Fairly good sig.		DL
15125	1230	EAST GERMANY	Radio Berlin	International poor in EE.		GB
15150	0035	CHILE	Radio Nacional	poor in SS.GB.0200 weak in EE after FF.		SG
15245	2108	BRAZIL	Radio Nacional de Brasilia	EE nx.JF. vg till off 2159		BA
15260	0812	USSR	Radio Moscow	with EE nx //15130,good.JF.0918 cntry.		DF
15270	0130	SEYCHELLES	FEBA	fair with Hindi talk and music.		PO
15275	0625	MALAYSIA	Voice of Malaysia	s/on in EE,vg. PE 0630 EE Nx,fair.JD 0850 s/off.AC.0858 Indonesian s/on,good.BCa 0820 Nx,mx,good.AK 0833 EE Nx,short story.HdJ+ 15295 alt freq noted at 0715 by JS and 0830 GB Some doubt that location is Sabah. Letters from station say tx is at Kajang approx 15 miles frm Kuala Lumpur.		
15275	1200	SWEDEN	Stockholm	exc in Swedish. EE 1230.Pgr 1236 good.		JD / BV
15335	1222	INDIA	AIR Madras	good in Tamil till off abruptly 1230.		JD
15335	0030	COLOMBIA	Radio Nacional	good with classical mx. Clock chimes JS & ident every half hour.SG 0038 EE lessons,good.JD PR 0200 AC		
15385	0045	MEXICO	Radio Mexico	fair-good in SS.JS.0249 good.PR 0300 fair		SG
15460	1200	UZBEK SSR	Tashkent	excellent in EE to South East Asia.		Pgr
15630+	2338	NORTH KOREA	Pyongyang	fair-good with talk on South Korea,EE.HdJ		
17688	0500	ISRAEL	Jerusalem	in EE to Asia/Aust/NZ, poor.		JM
17725m	2046	ECUADOR	HCJB	fair with ident in FF,GG,EE. Unlisted freq.		JS
17840	0430	AUSTRIA	Vienna	exc in EE.AW+ 0450 poor-fair. GG from 0502.		BCa
21460+	1000	USSR	Moscow	poor-fair EE nx.Peace & Progress 21745 at 0919.		HdJ
21485	1900	USA	VOA Bethany(250kw to Africa)	good EE nx. Faded out 1915.		BC
21710	0730	GREAT BRITAIN	BBC World Service	very good in English.		PO
21730	0232	PAKISTAN	Radio Pakistan	slow speed EE nx,excellent.		PR

CONTRIBUTORS Our thanks this month to....

NR Nigel Robins BC Bryan Clark DL Dene Lynneberg GH Gordon Hutchison
 CS Cecil Symmes AC Arthur Cushen FH Fred Humphries LR Lindsay Robinson
 PE Paul Edwards JD John Durham PO Paul Ormandy JM John Mainland
 GB Garry Butler JS Jack Searle JF Jack Farrow SG Steven Greenyer
 BA Brent Allred PR Paul Rawdon AK Arthur Kindell BCa Bruce Cavanagh
 AR Alan Robson DF David Feldon BW Brian Withers RC Ray Crawford
 PM Peter Mott Pgr Peter Greeher ..and from across the Tasman...
 AW Alex Wellner(Sydney), BV Bill Vogel(Adelaide),HdJ Hans de Jong(Tasm.)

Sorry but no room for "Station of the Month" this issue. CC and IW - your notes just missed closing date - will include next month. Finally a few items from the October FRENEX, fine magazine of the Nth American SW Assn: Radio Libertad, Quito, Ecuador is new on 4775kHz hrd s/off 0430. Also new is Radio Veinte de la Cadena Caracol, Colombia on 4857-63kHz. E.Rodriguez RCI.

ARTHUR CUSHEN'S SHORTWAVE REVIEW

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Radio Australia's new relay station at Carnarvon is expected to come into operation in December, while Keith Glover has returned from six months overseas and is back doing his usual broadcasts. The Voice of Malaysia is now providing excellent reception during their evening transmission on 15275kHz. All times are GMT - add 12 hours for NZT. All frequencies are in kilohertz.

AUSTRALIA Radio Australia's new relay station at Carnarvon will include one transmitter of 250kw and one of 100kw. It is hoped to be on the air by the 20th of December, the 36th anniversary of the founding of Radio Australia.

COLOMBIA Radio Nacional Colombia station HJZP on 15335kHz heard with chimes at 0200 and then news in Spanish, then generally classical music. At 0130 the station has been heard carrying transcription programmes of Radio Nederland.

FINLAND Helsinki has two English programmes audible at present:- 0300-0330 on 9550kHz and 0730-0800 (0800-0830 Sundays) on 6145kHz.

HUNGARY Budapest on 9655kHz heard with English 2130-2200 but a poor signal. The same programme is on 5965, 7180, 9833, 11910, 15125 and 17780kHz.

INDONESIA RRI Kupang, Timor has been heard on 3385kHz with news at 1400, then a station announcement at 1409. Signal is mixed with a Russian transmitter.

MALAYSIA The Voice of Malaysia, Kuala Lumpur on 15275kHz heard very well to close at 0850. The station operates 0620-0850, as well as on 6175kHz for this English transmission. According to the closing announcement, 6175 continues in Indonesian 0900 - 1600 GMT. At times 15275 has also carried this programme.

MALTA Programmes of a gospel nature have been heard up to 2115 signoff on 9755kHz. The last 15 minutes are programmed from IBRA Radio, while earlier we have heard The Voice of Hope 2015-2045, and on Saturdays 2045-2100 a programme from Radio Malta in English. On other days various gospel programmes are broadcast.

NEW HEBRIDES Vila 3945 has English news at 0630, then Pidgin at 0650 and French at 0900.

PAKISTAN Karachi advises some frequency changes:- the broadcast 0230-0245 is now on 17830 and 21590. 2345-0045 is on 9460, 11672 and 15205kHz.

PHILIPPINES AFRTS relays through the Philippines are now on 5995kHz from 1200 to 0030 and on 11840 from 0030 to 1200 GMT.

SOUTH AFRICA The SABC has announced the planned installation of three 500kw transmitters in addition to the present four transmitters of 250kw, located at Bloemedahl. We visited this site in 1969 and it is one of the most modern transmitting facilities in existence.

USA WYFR Family Radio in their latest schedule lists some of their English transmissions as follows: 0100-0245 on 5985, 9525kHz and 0300-0445 on the same frequencies. Morning reception is best on 2100-2245 on 11905 and 17875kHz.

CONCLUSION: 1000 CGB QSL's - Looking back with Ray Crawford.

Czechoslovakia 701, Sweden 980 (NZ first?), ECS-11 Spain 1385, Radio Caroline 1520 with 10kw heard in 1964. Asian picks are AFKN Osan 1060 1kw, Cambodia 1434, FEN Iwo Jima 1500 100w and AFPP Clark Air Base with 1kw on 1520 & 1510. Finally, from the Americas - WIBR 1240 and WAKI 1230, both 250 watters from Tennessee would be best, but other prizes include CKOC Ontario 1150, ZBM1 Bermuda 1235 250w (Used to be regular. Funny we can't hear it now on 1230) and WKFE Puerto Rico 1550kHz with 250 watts.

(Even with his duties as National Secretary of the League, Ray continues to be active on both the medium and shortwave bands, and regularly contributes to the Times. We congratulate him on reaching this significant milestone! Ed)

CONVENTION '76 WELLINGTON 6-8 FEB.

..sign off..

SW POPULARITY POLL A small poll conducted by Paul Ormandy recently resulted:- 1 Radio Nederland, 2 Radio Australia, 3 Radio Canada International, 4 Voice of America, 5 BEC World Service, 6 HCJB, 7 Radio Japan, 8 Radio Moscow, 9 Radio Peking, 10 Swiss SW Service. A total of 36 stations were entered. Radio NZ came in 12th.

THE FUTURE? NASWA member Larry Magne has been theorising on proposals for revised radio broadcasting bands which could take effect around 1979. The SW spectrum might look like this: 11 & 13 metre bands unchanged, 16 metres - 17600-18000kHz, 19m - 15005-15600kHz, 25m - 11600-12100kHz, 31m 9400-9995kHz, 41m 7200-7500kHz, 49m 5730-6200kHz and 75 metre band 3900-4063kHz. Hams could have sole use of 3400-3900 & 6900-7200 kHz. There has also been a suggestion that the present 5kHz channel separation could be reduced to 4kHz! Clearly the coming years will be interesting!

RADIO MALAWI schedule till 4/11/75 is 0257-0520 GMT on 3380kHz, 0500-2110 on 5995, 0600-1715 on 7130, 1750-2215 on 3380. All frequencies are 100kw except 5995 which is 20kw. The same sked will apply 4/11 till 1/3/76 except 5995kHz will close at 2100. Bill Vogel

WINB began transmissions on SW in October 1962 as a privately owned commercial SW station. Then, WINB was owned by the late Rev. John M. Morris. Today it's owned and operated by World International Broadcasters Inc. The 50kw transmitter is fed to an antenna consisting of a 3 wire curtain rhombic, about 37 metres high. The faces of the rhombus are 90 metres long. Current sked: 17720kHz 1745-2100 GMT, 15185kHz 2102-2245 hrs GMT. Paul Ormandy

GUYANA has, since 1/8, been on GMT-3, instead of it's former GMT-3½ (which made DX reports to Action Radio & GBS just a little difficult to 'calculate'). Change appears to be permanent.

BBC MS (c), Hauser NASWA

TAHITI'S current sked is Monday-Friday 1600-2330, 0300-0700 GMT, Saturday at 1600-0700 and Sunday 1800-0700. SW frequencies are 15170 and 11825kHz with 20kw, 6135 and 9750 with 4kw. A 20kw transmitter operates on 740kHz medium wave. Bill Vogel

NEW ZEALAND RADIO DX LEAGUE

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All queries re membership, policy enquiries, stationery requirements, subscriptions & competition awards should be directed to Invercargill.

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ANNUAL SUBSCRIPTION: NZ\$4.00

Joining fee surcharge of \$1.00 for new members only. Overseas rates available from Invercargill.

TWR SWAZILAND'S 4th 30kw transmitter was due on air last month, and their sked from 1/10 is:- 9590kHz 0445-(Sun, Mon, Wed), 0500-(Thu), 0515-(Tue, Fri, Sat) all to 0700 GMT. 0715-0900 daily except Thu & Fri. Also 1530-1600 in Swahili daily. 7255kHz 1615-1645 in GG daily, 1655-1730 (to 1745 Sun) in Zulu. 1730-1800 (from 1745 Sun) daily except Thu when 1800-1815 in Afrikaans or EE. 1930-2000 in PP daily. 6070kHz 0715-0900 daily in EE, 1530-1600 daily in PP. 5950kHz 1815-1830 Fri, -2030 on Mon, Tue, Thu, -2045 Sun, -2100 Wed, Sat in Afrikaans or EE. 4790kHz 0445-(Sun, Mon, Wed), 0500-(Thu), 0515-(Tue, Fri, Sat) all to 0700 in Afrikaans or EE. 1630-1700 daily except Wed, Sun in Ndebele or Shona. 1700-1730 Sun in Nyanja. 3275kHz 1815-1830 in Macua on Sun, Tue, Fri. 1830-1900 in PP daily. 3240kHz 1615-1645 in GG, 1655-1730 (to 1745 Sun) in Zulu daily, 1730-1800 on Mon, Wed, Sat, 1730-1815 Tue, 1800-1815 on Thu, 1815-1830 on Sun, in Afrikaans or EE. Thanks Colin Miller

PAPUA-NEW GUINEA station names now are 2340 Radio West New Britain, 2376 Radio Chimbu, 2410 Radio East Highlands, 2428 Radio New Ireland, 2450 Radio Western Highlands, 2468 Radio Northern District -s, 3220 Radio Morobe, 3245 Radio Gulf Districts, 3260 Radio Northern District -s, 3275 Radio South Highlands, 3290 Radio Central Districts, 3305 Radio Western Districts, 3322 Radio Bougainville, 3335 Radio Wewak... Bill Vogel