



# NEW ZEALAND DX TIMES

Registered at P.O.H.Q. Wellington as a magazine

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## 1978 WRTVH

Orders are now being taken for the 1978 World Radio TV Handbook. No keen DX or SWL enthusiast can be without this invaluable publication, with its comprehensive listing of all the world's broadcasters by country and by frequency, plus other useful reference material. Prices for the 1978 edition are \$13 for airmail delivery from Denmark or \$10 for a copy by seamount. The Times strongly recommends you to order the airmailed WRTVH - you should have your copy by next February, rather than as late as May/June 1978 for surface delivered copies. An informative brochure and order form will be sent out next month to all purchasers of the 1977 WRTVH, but orders and brochure requests can now be directed to Arthur Cushen, 212 Earn Street, Invercargill.

### CHANGES FOR HILVERSUM ?

Radio Nederland, for many years the world's most popular shortwave broadcaster, may be changing the programme formula that has assured this success. As previously announced, the present 80 minute transmissions are being reduced to 50 minutes starting 6 November, to allow for better resourcing of transmission facilities and permit direct satellite relay of all programmes from Hilversum (beginning early 1978). Perusal of the new programme schedule indicates that at the same time news and commentaries will receive greater emphasis, at the expense of the entertaining and informative programmes that every SWL enthusiast will be familiar with. The evergreen "DX Jukebox" will actually be only 15 minutes duration every second week, instead of 30 minutes, to accommodate a repeat broadcast of "Dutch by Radio". The main airing of the language lesson will be every second Saturday.

Justifying the reduced transmissions, Radio Nederland have said that surveys indicate that few listeners stay tuned for the entire 80-minute broadcast. It looks like only an outcry from us, the listeners, could persuade the Dutch to retain their tried and true programme format, and not become 'just another SW station'. We would suggest that all regular listeners to Radio Nederland let them know why the Radio Nederland/Happy Station programmes are enjoyed and seek their retention. The man in charge of these aspects is the Director of Programmes & Transcription, Mr B.H. Steinkamp, and his address is c/o Radio Nederland, P.O. Box 222, Hilversum, Holland. Info via NASWA, SCDX, AC

### CHANGES FOR 'TIMES'

It is now 5 years since the DX Times 'moved' to Wellington and underwent major changes in format and content. Next month, details of changes, to give those volunteers responsible for the last 60 issues some respite to pursue the hobby:

CLOSING DATE FOR NEXT ISSUE: MONDAY 7 NOVEMBER. SEND DETAILS OF YOUR DXING, VERIFICATIONS, BEST-OF-THE-MONTH ENTRIES ETC, TO P.O. BOX 2956, WELLINGTON. REMEMBER, THE MAGAZINE IS ONLY AS GOOD AS THE CONTRIBUTIONS RECEIVED!

## FROM THE BRANCHES

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SOUTHLAND The September meeting was held at Ray Crawford's with 12 members present. Former members Gavin Bennett and Neil van Shaik were welcomed to the meeting. Discussion covered the raffle for convention funds, new aerials for Tiwai and the AGM at Oamaru. Following DX discussion, Ray Crawford played tapes of interesting African MW stations heard when in South Australia, and showed slides of his visit. Competition Results: ECB S.Burtenshaw HJFT 1025 10 kw, merit R.Crawford RRI Padang 1485. SW A.Cushen with TWR Swaziland 11760 30 kw and Cayenne 4972 1kw.

WAIKATO/BAY OF PLENTY The September meeting was held at Duncan Watson's in Edgecumbe with 7 present and 2 apologies. Discussion centered on the forthcoming DXpedition to Ohope Beach and plans for 5 Auckland members to accept the Branch's invitation to attend. Stan Larking is handling arrangements at Ohope. It was decided that the Branch would send the following remit to the AGM: That the League explore other means than at present being used of publicity. The remit will be supported by the Branch's reasons for the submission. It was also decided to seek a list of members in the area, and if possible to publish a 2-monthly newsletter.

The annual Branch DXpedition to Ohope was held on the weekend 23-25 September, and the branch was pleased to welcome as guests - Phil Brooks Wanganui and Bill Huddleston, Peter Greener, John Allchin, Kevin Hunt and Graham Shepherd from Auckland Branch. All stayed at the Ohope site with local members Colin Campbell and Peter Mairdonald. Stan Larking, Bill Jolly, Graeme Bamford and Duncan Watson joined the group on Saturday for the Branch AGM. Dave Feldon and Bob Harman sent their apologies. Election of Officers resulted in President: Dave Feldon, Secretary Colin Campbell, Committee Peter Mairdonald, Treasurer Dave Feldon. Branch Representatives: Whakatane Stan Larking, Tauranga Graeme Bamford. Branch subscriptions will remain at \$1. It was clearly reiterated that members desired that informality be the basis of branch meetings even if organisation became a bit unstuck at times. There was a definite need for DXers to meet one another, especially those really interested in the hobby. It was recognised that monthly meetings for all members were out of the question due to distance and other factors, and decided that quarterly meetings will be best. However Rotorua members could organise meetings on a monthly basis if attendance was guaranteed. Auckland Branch chairman Bill Huddleston spoke on branch activities and Phil Brooks reported on his 'neck of the woods' and being a country member of Wgtn Branch.

AUCKLAND The September meeting was held at the Western Suburbs NZART Branch clubrooms on the 18th, with a good gathering of 14 members and two apologies. It was announced that John Allchin, Bill Huddleston, Peter Greener, Evan Hunt and Graeme Shepherd would be attending the DXpedition with Waikato/Bay of Plenty members on 24/25 September. After brief business Barry Williams gave a very informative talk on various aspects of the DX hobby, covering topics such as DXing Africans and South Americans on SW and reporting stations in foreign languages. The verification policies of Deutsche Welle and BEC were also discussed widely. Special thanks must go to Len Rose of Whangarei, who has been coming down each month to attend branch meetings. The next meeting will be held at the clubrooms of the NZART Western Suburbs Branch on October 30th at 2.00pm.

WELLINGTON 13 attended the September 30th meeting at John Wsocki's. The branch welcomed new members David McNabb and Peter Bailey. Discussion centred on the future of the NZ DX Times, which has been produced in Wellington for the past 5 years. It has been found necessary to revert to the former decentralised editorial system, which may regretably mean a delay in turnaround of the magazine. Wellington will remain responsible for publication and distribution of the Times. Members warmly received the new edition of the Countries/Points List. Competitions: SW Senior Bryan Clark Finland 11735 and Jos Nigeria 5965. SW Junior Trevor Phillips Ecos del Torbes 6190. ECB Nth Am: KRLA 1110 Paul Edwards, Open Austria 1475 Bryan Clark. Next meeting at Cecil Symmes, Flat 1, 17 Lewer St, Karori at 8pm 28 October. Cecil will speak on his recent tour of the USA.

# BROADCAST DX with Bryan Clark

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The North American season is well and truly back with us, and a number of members have been out to the coast on DXpeditions to welcome them! The Bay of Plenty guys hosted their annual get-together at Ohope Beach in late September and were joined by a keen group from Auckland Branch. Suitably enthused, Phil Brooks of Wanganui attended the festivities and then ventured right up to the East Cape and Te Araoa, where he set up a 1500 ft longwire. He reports that there was no interference of any kind at all, and that Aussies were not troublesome before 1000 GMT! As well as making the trip to Ohope, Aucklander John Allchin has done a spot of DXing at Whangaparaoa, north of Auckland. With the scourge of TVI, it seems that unless you've got a favoured home location, the best way to sample some good MW DX is to get away to the beach, preferably to the East Coast. Phil B is planning another trip to his "DX paradise" after Christmas, and we know of several other members who are planning such DXpeditions in the coming months. Now that many members have Yaesu FRG7 "Frogs", it's possible to get away to these out-of-the-way places for the DX. Take as much aerial wire as you can get; length means everything and height is secondary.

Stuart Forsyth has gone a little further for some recent DXing - to Noumea. He comments that reception of NZ stations is perfect, and Queensland country stations which are difficult to hear in NZ are easy catches.

Some news from the NZ scene - John Allchin queried the allnight carriers of the Northland commercial stations and received the following response from the Transmission Supt in Whangarei: "The question of not 'closing down' the commercial channels at conclusion of programme transmission was determined by mutual agreement with Australia when the stations opened in 1962. The power saving would be minimal as building heating would have to be supplied during the shut-down period. Any equipment which operates continuously has fewer maintenance problems and this is particularly important with transmitters remote from a staffed base." John has also received news from the Supervising Technician at 2ZP New Plymouth re the stations move from 1370 to 1050 in mid-December. The allocation of a lower frequency is expected to extend the fringe coverage area and provide those listeners on the periphery of an expanding city with a much improved signal. 2ZH Hawera will remain on it's present frequency of 1560kHz.

How are the private stations faring - a winter survey shows as follows: Auckland 12B 31%, Hauraki 22%, Radio I 13% (before their Beautiful Music format, Ed) Hamilton 12H 45%, Waikato 42%. Wellington 2ZB 38%, 2ZM 21%, Windy 18%. Christchurch Avon 50%, 37B 24%, 3ZM 7%. Dunedin 4ZB 46%, Otago 34%.

Keep an eye on KHVH 1040 and KPOI 1380! The former Hawaiian was moving to 990 and the latter filling vacated 1040, but we understand KPOI is impatient to move and has threatened to take 990 if KHVH doesn't move very soon! KNUI 1310 has applied to move to 900 and an application has been filed for a new Maui station 1020 - both these projects should be underway by December. Chris Martin

As mentioned above it's time to listen to Americans and Canadians on MW. The most regular catches are underlined in the Trail but for starters check 1580kHz and KDAY Santa Monica California - they have rock music usually, with a woman DJ. KNX Los Angeles 1070 with all-news is a dead cert after 12B closes. Have a listen between 6.30pm and 8.00pm before the Aussies fade in. Good luck!

CHRIS MARTIN Sydney leads off the mail, with QSLs from Mayotte 1457, Agadir 935, Hungary 1187, 6GE, CA, WA, VA, DB, 2BL, GL, RE, Tanzania 719, 1XI 1330 and 12K 1010. Reports to 6WA, DB, 2BL, GL, Czech 1520 & Nigeria 809 (a Cape Jervis straggler!)

PHIL BROOKS Wanganui & other places, has reported from home: 1XI 1330, 2MG & 2CA. At Ohope: KDAY (3rd try), KRLD, KLIV 1590, KEX, KFAX, XEROK. From Te Araoa: KGBT, WLAC, XEPRS, WOAI, WWL, KKON KUHL 1440, KVEN 1450 (1st 250 watter), KING & CFRN (1st Canuck). QSLs 3SH, 1XI 1330, 2CA & 3TR. Well done Phil.

## BEST OF THE MONTH

OPEN: WXLE Canton Island 1385 250W  
116 points DUNCAN WATSON



# BROADCAST TRAIL 4

## MORNING

548 USSR fair-gd 1724.Y.European mxd  
Russian 1735-1818, pops RS  
550 KMVI Philipo strong 1510. PE  
557 Farsi 1817 exc no Fiji.(Iran) RS  
590 KGMB vg 1440.PE. 1315 vg o/3WV."  
593 European lang mxd Chinese 1734."  
610 KUAM vg 1816 mxd AA music prgm."  
650 DZRH Philippino & EE pops exc  
1813 RS.1721 over Okinawa. PE  
650 KORL exc 1451,still 1600. PE  
660 Russian strong 1210. RS  
660 Korean s/off 1802.Sth Korea? RS  
665 Sabah? 1327 past 1530. PE  
683 Sevilla exc with ids 1800. PO  
710 DZFM pops exc over Fiji 1827. RS  
720 AA nx exc thru NZ 1833.RS (May  
be BEC Cyprus Robert? BC)  
720 KUAI 1545.Other Hawaiians this  
time: KIOE,KVH,KGMB,KORL,KMVI,  
KPOI and KKUA. RS  
730 CKLG briefly 1248 weak-fair. Z  
755 Yemen AA 1827 poor-fair. W  
800 DWIZ? disco mx 1815 11/9 good.RS  
800 USSR signing off 1830, fair. RS  
885 Saudi Arabia AA 1905. W  
900 CJVI poor after 4YC signs off. Z  
908 Iraq 1800 AA nx poor-fair 1800.W  
940 KFRE fair, ABC news 1300. Z  
1020 Peking int.sig under 4BC 1255. Y  
1040 KHVH vg over China 1230.Z.Y.  
1427 advts & news, strong. PE  
1050 FF? mxd AA/JJ/CC & 2CA 1650. RS  
1055 Mersing dominant 1345. JA  
1060 CTCN poor-fair 1220.Y. 1310 id  
over KPAY, very good. Z  
1070 KNX 1325 exc nx.PE.1252 id vg. Y  
1221 continuous news exc. RS  
1090 XEPRS SS fair 1208. Y  
1100 KFAX good ident 1215. Y  
vg with gospel pgm after 3ZB. Z  
1120 KPNW clear ident 1250. Z  
1130 CKWX mxd another 1320.Z. KLEI?  
at 1434 with weak pops,fadingPE  
1134 RRI Banjarmasin 1450 id, 1500  
Jakarta nx to s/off 1522. Gd  
peaks in null of Korean. PE  
1160 KSL thru 3ZC carrier 1255. Z  
1190 KEY id 1223 exc.Y.1258 poor. PE  
1206 RRI Denpassar good 1215. JA  
1220 CKDA thru 1ZE carrier 1258. JA  
1259 VOA Rhodes 1816 AA fair. PE  
1260 CFRN id 1304 fair-good. V  
mixed 1325,possibly with KGIL.Z  
1295 Sudan 1800 AA nx,peaking. PE  
1349 France 1904 peaking briefly. W  
1376 Afrikaans & mentions of Suid  
Afrika vg 1745 23/9 only! RS  
1380 KTOM good 1330. Z  
1390 Iran strong Farsi 1758 mxd NZRS  
1410 CFUN id 1237 as "C-fun". Z

1430 USSR Balkan langs daily from 1700,  
exc with 2WL & Chinese. RS  
1475 USSR s/off 1800,then CC.Strong. RS  
1550 AFNT over NZ 1713 poor-fair. W  
1560 KFMC 1314 Farm Nx under NZ,pr. W  
Thru 2ZH carrier 1340. Z  
1570 Yank here 1328,probably CHUB. Z  
1570 DW Malta exc 1600 past 2030. RS  
Interval signal 1729. JA  
1570 HLDA exc RR 1731 over DW Malta RS  
1575 Sharjah poor 1755. JA  
1586 Germany orchestral 1850 poor. W

## CONTRIBUTORS

RS Robert Scott, PE Paul Edwards, JA  
John Allchin, PO Paul Ormandy, LM Leigh  
Morris, BC Bryan Clark. DXconditions:  
V=Phil Brooks at East Cape 25/26 Sept.  
W=Paul Edwards Opunake 6-9 September.  
X=John Allchin Whangaparaoa.  
Y=Phil Brooks at Ohope 23/24 Sept.  
Z=John Allchin at Ohope.

## EVENING

540 CBK poor 0643 jazz.W.S/off 0704.RS  
550 KTSA fair over KMVI 0550. Z  
550 KMVI has JJ Tuesday 0629 exc. RS  
580 WIBW Kansas fair with Sport 0530.Z  
580 KMJ poor 0655. Z  
590 KGMB over Cuba 0555.V.Exc 0810.X.Z  
All night exc.CMW mxd sometimesRS  
580 Tuvalu good 0745.No sign 4JR. Z  
600 CMKV mxd Yanks 0624. Z  
610 KFRC mxd another,over ABC 0830. W  
620 KIPA 0735 in JJ vg mxd 3AR. RS  
640 KFI poor mxd 4YW/Fiji 0807. X.Z  
650 KORL 0939 pops exc.W.0510 on,vg. Z  
670 Noumea all day.RS.0001 Z. 0404. V  
690 KKUA 0900 thru NZ.W.under NZ 1042X  
700 WLW ident 0600, fair. V  
710 KGNC "Voice of Amarillo" 0700 CBS  
news & Mutual idents. PO  
710 KMPC thru Fiji 0530,V. 0956 weak.X  
710 Fiji vg all day.Z. Good 0336. V  
720 KUAI strong 0945, no NZer! W  
730 CKLG pops fair under NZ 0748. RS  
740 Tahiti FF gd 0707.PE.Exc 0603. V  
Very good into FF 0600. Z  
760 KGU 0848 under NZer. W  
770 KOB dominant 0518. Z  
790 KKON & KABC mxd 0615.X.KKON 0846.V  
800 XEROK powerhouse 0545.V. Exc! X  
800 PJB ending EE prgm 0505. X  
800 2EA in Turkish, exc.Irreg. 0748.RS  
820 WBAP mxd 4ZA 0620.Z.0541 strong. V  
830 KIKI 0734 poor with NZer. W  
840 WHAS weak under 2ZD 0903. Z  
844 VSZ1 0821 splashed.Y.GS4 1005 offW  
850 KOA fair 0527.Y.Nx dominant 0607.X  
Excellent 0550. V  
870 WWL 0816 good "Radio 87". V  
880 KRVN ident under NZ 1056.V.1025. Z  
910 KRIO good over others 0525. X  
910 KNEW fair over KJJJ 0705.X.1200. W  
940 KFRE poor under 2ZA 0735. X  
950 KJR 0703 over 2UE & XEGM, poor. W



EVENING BROADCAST TRAIL continued

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990 XET fair before KKIS 0510. X  
 990 KKIS fair 0726. X  
 1020 YVRS Margarita good 0640 30/9. BC  
 1020 A3Z Tonga vg 0515.X. good 0502. Y  
 1025 Ecos del Combeima gd 0712-23 15/9  
 1030 RCN Colombian over WBZ 0730. BC  
 1030 VJO Solomons EE nx 0754 exc. RS  
 1030 WBZ clear over KTWO 0510. X  
 1020 KTNQ poor under Tonga 0612. X  
 1040 WHO 0500 ident mxd 4ZB. Y  
 1040 KHVH under 4ZB all evening. X.Z  
 1050 Samoa 0610 fair-gd "Newsview". LM  
 0630 "Dateline London" fair. X  
 1080 KRLD 0503 fair.Y.0635,0850 mx.X.Z  
 1090 KING Radio" vg 0720.LM.0831 gd. V  
 0530 gd.Y. Mxd XEPRS 0755,1135.Z  
 1090 XEPRS EE ident 0530. V  
 1110 KFAB gd 0534.X.0531.Y.0500 Nx. W  
 1110 KRLA good 0805 7/9. W  
 1120 WVUV vg over KPNW 0555/0640. X/Z  
 1140 KRAK assumed under 1YW 0710. Z  
 1170 KVOO exc "Big Country" 0630. X  
 News strong 0634.V. 0456 fair. W  
 1160 KSL religious exc 0632. V  
 1190 KEX excellent 0608. X  
 1200 WOAI 0729 id,good. No sign 2Z.W!  
 1260 CFRN 1132 ABC news, fair. W  
 1310 KDIA id weak under 1ZH 0910. Z  
 1320 Unid SS at good strength 0717. V  
 1380 KTOM country mx,dom 1115.Z.1142.Y  
 1390 KCEY 0558 news,id 0600, fair. W  
 1390 KGER Gospel Talkback 0923,mxd. W  
 mxd KCEY/12T all night. Z  
 1430 KALI SS mxd 0628.W.SS good 0848.Z  
 1440 CFGO good 0635-0711 15/9. BC  
 1440 XEAI often 0700 "Radio Ah-EE!"BC  
 1440 KUHL 0602,nx,id.W. 0936 mxd SS.V  
 1440 JOWF excellent 0850. RS  
 1450KVEN 1027 mxd other Yanks. V  
 1470 XESM fair 0710,no sign of Fiji. Z  
 1490 Punto Cinco Ss good peaking. PE  
 1510 KGA over WLAC fair 0540/1010. X/Z  
 1510 WLAC ident 0516 fair-good. V  
 1520 KOMA poor under NZer 0655. W  
 1530 KGBT s/off 0458 good ident. V  
 1530 KFBK excellent all night. X.Z  
 1530 XEUR fair in SS 1036.V. 0450. Z  
 1570 VL2NI Norfolk 0730 id,dedications  
 18/9.LM. Quite regular frm 0630RS  
 1570 XERF EE 0430 the first on in. Y.Z  
 EE good with gospel pgm 0530. BC  
 1580 KDAY very strong 0456.Y. Exc. X.Z  
 1590 XEVOZ mainly mx.SS id 0655 22/9BC  
 1590 KLIV 0953 pops fair.W.1010 pr. PO  
 Mixed other Yanks. Ident 1125. Z  
 1590 KBBQ 0722 country mx.0800 Nx mxd  
 KLIV.Id "K-Barbeque". W  
 1600 KCRG id 0718 mxd.W. 1134 mxd. Z

BROADCAST MAILBAG (continued)

PAUL EDWARDS wellington has QSL'd KRLA

& reported Avon,1XA,7LA,HT,2UW,AY,WL,NX,LT 1380,GB,3SR,DZRH 650,CKLM 1570 & RRI Banjarmasin 1134. Follow-up to Noumea 670.

BRIEF AUSTRALIAN TRAIL from Ernie

Moore in Queensland.  
 550 AIR India local mx prm 1550 24/9  
 560 Fiji on all-night with election  
 results 24/9 //640,710,810,890.  
 All hrd between 1500 & 1600 GMT  
 590 KGMB Nx 1600 peaking quite good.  
 790 Singapore EE nx 1536 good signal  
 885 Malaysia 1535 spoken prgm.  
 1040 KHVH nice sigs with nx 1500.  
 1325 Philipino DWAY? vocals & Tagalog  
 anncts 1450 3/9,weak,much QSB.  
 1330 1XI good 1530 but JRM from Japan  
 1345 Bangladesh still hrd 1605.Vocals  
 +\*\*\*\*\*+

**DX SPECIALS**

News of the first DX Tests for North  
 American DXers has come from NRC's  
 + DX News dated 26/9. The odds of us +  
 + hearing many of these are admittedly +  
 + remote, although in the past there +  
 + have been some notable successes. If +  
 + any are heard let us know, and we +  
 + will advise info re QSL address etc. +  
 + MONDAY 10 OCTOBER 0005-0205 ELT. +  
 + WAEN Honesdale,Penn 1590 500w +  
 + SUNDAY 16 OCTOBER 0300-0330 ELT. +  
 + WSFD Seaford,Delaware 1280 1kw +  
 + MONDAY 24 OCTOBER 0630-0700 ELT. +  
 + KCTE Southwest City,Mo. 1140 250w +

+\*\*\*\*\*+  
 NEVILLE HENRY London has logged KLAC  
 KABC,KFWB,KFMB,KHJ,KTNQ,KPOL, Prague  
 1286,RBI 1511,Vilnius 1554,Minsk 1169  
 Tallin 1034,Riga 1349,Finland 962,  
 Donetsk 1241,Sweden 1178,Tunisia 584,  
 DLF 1538,Algeria 980,Morocco 1232,  
 Portugal 665,Ireland 566,Holland 746.  
 Veries: KMPG,KCBS,KFI,Luxembourg 1439  
 Norway 1313,R.Birmingham 1457,R.Forth  
 1546,Piccadilly 1151,Belgium 926,  
 Beacon Radio 989, BRHB 1151, R.Oxford  
 1484,Thames Valley Radio 1430,Prague  
 1286,RBI 1511,Tunisia 584,Finland 962  
 Ireland 566,KPOL. See you at Tiwai!

ROBERT SCOTT Te Aroha has taken a  
 break from studies to report on his  
 recent DX activity. 3WM is new call  
 for 3LK so suggest you use their add-  
 ress Robert. 5PI 1040 is relay of 5AD  
 1310 who's address should be used.  
 Good luck with exams!

STUART FORSYTH Auckland has QSL'd 4ZB  
 CD,3ZA,1YE,XI 1330,2XA,ZM,UE & 4BK.  
 Reports to 3UL,4AY and 3YC. Exam  
 success for you too Stuart!

## PACIFIC ASIAN REPORT

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### BROADCAST MAILBAG

INDIA AIR Nazibabad 950 hrd testing 0600-0700 and 1000-1130. Reception reports to Mr S. Adhikari, AIR, Kothdwar Road, Nazibabad, UP, India.

IDXC1 via A. Nallawalla

MALAYSIA Johore Bahru is on 1224 ex 1220KHz. Victor Goonetilleke UADX

HAWAII KPOI will move from 1380 to 1040 and increase power to 10kw following KHVH's move to 990KHz.

Alan Roycroft via Hartley Tune In

THAILAND Recently identified are 1407 Krong tap pak tee 2 at Nakora Panom with 10kw, anncg 1440, and 1498 Krong tap pak tee 2, Sakhon Nakorn, 10kw, announcing frequency as 1490KHz.

Distance via SRK

NEW ZEALAND 4XD 1430 now has a Maori prgm Saturdays 1010 to 1025 GMT. AN Postal addresses of Radio NZ stations are: Whangarei - P.O.Box 485, Auckland - P.O.Box 2209, Hamilton - Box 489, Tauranga - Box 642, Tokoroa - Box 272, Taumararui - Box 383, Rotorua - Box 1147, Taupo - Box 740, Gisborne - Box 1040, Napier/Hastings - P.O.Box 241 in Napier, New Plymouth - Box 141 wanganui - Box 632, Palmerston North - Box 1045, Masterton - Box 220, Wellington - P.O.Box 2092, Blenheim - Box 225, Nelson - Box 43, Greymouth - Box 378, Christchurch - Box 1484, Timaru - Box 275, Dunedin - Box 888, Invercargill - Box 802. EC

CANTON ISLAND Joyce E. Haas, Manager of WXLE 1385 since July 1976, brings us up-to-date with the operation of WXLE in recent time: "Prior to 1976, Canton Island had a population of approximately 300 people, employed by the USAF, and WXLE was an AFRS station. In early 1976 however, Canton's operation was phased down and there are now only 34 people left. The station was abandoned but equipment left intact. A few people broadcast irregularly, but finally, because I couldn't stand having any music to listen to, I took over WXLE's management on a volunteer basis in July 76. The station is now on the air more or less continuously. In the beginning, the only taped music I had was entitled "In the Still of the Night" and the IDs were by the last station manager (a male). I started making my own tapes and put in my own IDs or using a tape of the former station manager and I put them on the tapes at irregular intervals." TURN to P9.

ARTHUR CUSHEN Invercargill has one QSL in from 1XI 1330. Reports to JOTB 1590, Indor B 1590, Qatar 952, Jammu 990, DXLL 1047 and JOAR 1050. Ta.

DENE LYNNEBERG Titahi Bay has logged 3YR, 1ZK 1010, Sudan 1295. Veries in from DXDD 550, 3YR, 1ZK 1010, DZRJ 780, DZEC 1050 and DZUW 100.3mHz.

IAN CATTERMOLE Blenheim has been concentrating on SW but finds time to report 1XI and 2GF, and QSL 2GN, 3TR. Thanks for AWR info Ian - will feature next month.

ERNIE MOORE Queensland has reports to Fiji 890 and India 550. No QSLs. The Latins aren't delivering Ernie!

BRYAN CLARK Wellington has reported CTGO 1440 and XEVO 1590. QSLs from 2ZP, 4QN, Tanzania 620 (50kw per QSL).

KEITH ROBINSON Kapuka advises reports away to 4WK and 1XI. Veries 3YR, 4JK, 7FG and 2MW.

LEIGH MORRIS Palmerston North reports logs of 1ZN, YE, ZE, XI, 3Z0, YR, 2ZP, ZK, VL2NI, KDAY and Samoa 1050. QSLs from 1ZN, YE 1050, XI 1590, ZE, 3Z0, YR, 2ZP, 2ZK, VL2NI with pennant, 4XB Queens-town pc after 3rd follow-up. Some are never easy Leigh!

PAUL ORMANDY Oamaru has QSL'd Brunei 895 and logged Sevilla 683, KGNC 710. Quality not quantity eh?

JOHN ALIOHIN Auckland has been out chasing the DX with visits to Whangaparaoa & Ohope. Whanga loggings: KVOO KOA, Tahiti 740, Samoa 1050, KKIS, KRIO 910, KNEW, WBZ, 3UL, HA, XEROK. Ohope logs: KLIV 1590, KHVH, XERF, 1XA, KOB, WIBW 580, KTSA, V30 1030, KFRG, KFAX, CFCN. Logged at home: 1YK 830 while 1YX off! Veries 4BU, SO, 1YE 970, KVOO coverage map & 34 stickers! Some more home reports: 4BH, XO, 2MG. DXpedition bug is catching John!

DUNCAN WATSON Edgecumbe has reported 1ZN/ZK 1010 and verified 1YW, XI 1330, 1ZA, ZD, ZU, 2CA, WXLE and 1XA (QSL 100). Some Ohope reports to come Duncan?

ALAN GILMOUR Greymouth advises reports away to TWR Cyprus 1232, DYRF 1185 and Sudan 1295. Good luck with rewards.

JOHN WYSOCKI Lower Hutt makes an excellent start on ECB DX with reports to 1XL, 1XX CKLM 1570, 1XA. Lone QSL from 1XI 1590. I'd like that CKLM!

DAYLIGHT SAVING - 30 OCTOBER!

# CAN-AM REPORT

**USA** There were 4502 AM stations on air in the USA as at 30 June 1977. The FCC received 6870 complaints re AM, FM & TV during the month of June - that's 299 a day!

**AM STEREO** During August, tests in AM stereo were conducted by WGMS 570, WTOP 1500 and WBT 1110.

1260 WWYN Pa requests WLKK 5/5kw.  
1270 KTFI Idaho 5/1kw granted KTLC.  
1300 WIBR Baton Rouge 1/1kw goes to 5kw  
1360 KKBW Bemidji Mn 5/5kw is new.  
1370 KWRM Corona Calif id's as "Warm Radio 137" Raymond.

1430 WENO 5/1kw requests WJRB.  
1440 WAKC Normal Ill. requests WRBA.  
WNBE Florida 5/1kw granted WAJL.

1450 WNPS New Orleans 1/0.25 granted WXPB. KGMV Montana seeks KGRZ.  
1490 KLLG Omaha granted KYNN 1/0.25kw. WSSB Durham NC seeks WDUR 1/0.25.

**IRCA**  
WVL 870 24hrs has been operating from a new transmitter location for about a year. The site is located in a swampy area across the Mississippi River from New Orleans. There are now two 626ft towers replacing the top-loaded ones of 495ft and improving WVL's signal all over the country.

**VERIE SIGNERS:** KMPC Tom C. Crosnoe CE. KFAX Roger L. Roberts. WCBS J. Watson. KGA Tom German CE. KTOM Lloyd Carr CE. CKLG Shaulene Lawrence. KEX Eric Norberg Prgm Director (IRCA Member). KXEL Tony Thill CE. CE-Chief Engineer.

**Paul Ormandy**  
KFRB Anchorage Alaska 900 is requesting a move to 820kHz. They get a lot of QRM in outlying areas at night from CJVI.

**Fischer IRCA**  
The FCC has approved the establishment of the Travellers Information Service effective 29 July. Stations established under the TIS will operate on 530 or 1610kHz with a maximum power of 10w and will provide information on road hazards food, lodging, gasoline, directions to airport parking lots etc. Locations will be restricted to the immediate vicinity of air, train & bus terminals, public parks & historical sites, interstate highway interchanges, bridges and tunnels.

**Tony Marr Portzer IRCA**  
KILO 1460 Kirkland WA due back on air in September with modern country mx. Now owned by owners of KGA Spokane and has requested nighttime operation & new call KGAA.

**Jef Jaisun**

**CANADA** Canada's first all-news station CKO went on air 1 July. At present it broadcasts 18hrs a day on FM from Ottawa and Toronto. 50kw U is being sought for Montreal on 1470 with coverage in at least 6 other cities planned in the first year.

**Colin Miller Oldfield IRCA**

**Ontario changes:** CKJD Sarnia, Ontario expected on 1110 U4 10/1kw ex 1250 from 1 August. CHAM 1280 in Hamilton is now CJJD. New stations expected on air soon - CKNS Espanola 930, CFRU Guelph 820, CKUO Ottawa 670 and CJAM Windsor 660, all assumed 10kw.

**Colin Miller**  
550 CFJC Kamloops BC 10/5kw ex 910.  
600 CFQC wants 10kw U.  
620 CKCK Regina to test 10kw U.  
630 CHED Edmonton now 50kw U.  
680 CHFA Edmonton is now 50kw U.  
930 CJCA Edmonton now 50kw U.  
1110 CHJT Edmonton now 50kw U.  
1150 CKOC Ontario wants 50kw U.  
1260 CIHI NB wants 10kw U ex 1400.  
1460 CP for 10/10kw Medicine Hat, Alberta // CBR 1010.

**Oldfield IRCA**  
**COLOMBIA** HJLQ 1520 Radio Minuto is now 5kw. Arctic via NRC La Voz de Cinaruco 1050 is now 10kw. Radio Peninsula Maicao is now 1170 ex 970. Radio Aeropuerto 1160 address is Apt A3143, Barranquilla. Radio Punto Cinco 1490 5kw address is Av.39 No. 8-91, 19° Bogota, DE. WRTVHN via SRK

**LATIN SPLITS**  
575 TIXE Radio Omega now here, apparently 50kw. Stanbury IRCA  
626 Para Ti, Costa Rica past 0530.  
1007 Radio Piedaquesta, Colombia here  
1025 Radio Fides power now 10kw.  
1057 Radio Mambi, Cuba often allnight ex nominal 1040.  
1224 HCBJ2 El Mundo, Guayaquil here.  
1315 Radio Bani DR here at 0606.  
1346 HRCG? Radio Constelacion 10kw Tegucigalpa here.  
1455 HIAH Dominican Rep. ex 1450.  
1485 HIAH Radio Hit ex 1480.  
1526 HIFU Radio Neiba heard here.  
**Ron Schatz & Arctic via NRC**

**PUERTO RICO** station news: WKVM 810 idents as KVM. WPRA 990 is now Radio Alegria. WBOZ 1090 new call for WRSG. WCRD 1150 at La Grande is new. WISO 1260 ids as 'Radio Ito'. WPFC 1570 Radio Felicidad is new. Clark NRC





# Broadcast

# LEAGUE LADDERS

# Shortwave 8

DIVISION.	JUN	OCT	Inc	Cnt
<u>GOLD STAR(over 1250)</u>				
Norman Maguire	2926	2964	38	70
Arthur Cushen	2225	2234	9	145
Merv Branks	2110	2120	10	132
Keith Robinson	2077	2090	13	114
Laurie Boyer	1295	-	-	94
<u>GOLD ACE(1001-1250)</u>				
Ray Crawford	1125	-	-	129
<u>SILVER ACE(751-1000)</u>				
Sutton Burtenshaw	882	889	7	99
Robin Chambers	862	886	24	-
<u>ACE(501-750)</u>				
Dene Lynneberg	721	782	61	89
Chris Martin	552	565	13	137
David Ricquish	515	516	1	47
<u>SENIOR(301-500)</u>				
Paul Aronsen	433	435	2	-
Bryan Clark	414	427	13	85
Ray Babbage	407	411	4	40
Hank Wilkinson	400	-	-	70
Paul Ormandy	311	322	11	50
<u>INTERMEDIATE(151-300)</u>				
Lance Johnston	278	-	-	30
John Campbell	-	241	-	75
Jim Benzoni	238	267	9	25
Alan Gilmour	233	236	3	29
John Newman	-	176	-	78
Jack Searle	165	166	1	18
Ash Nallawalla	166	-	-	18
Paul Rawdon	165	-	-	20
Ian Cattermole	172	208	36	17
<u>JUNIOR(51-151)</u>				
John Allchin	134	151	17	18
Andrew White	134	-	-	14
Bruce Cavanagh	129	-	-	20
Philip Brooks	125	136	11	16
Gavin Bennett	114	-	-	18
Paul Edwards	-	103	-	36
Leigh Morris	99	111	12	25
Stuart Forsyth	-	76	-	5
David Feldon	64	-	-	8
Jack Farrow	54	-	-	4
Trevor Phillips	54	-	-	41
Gordon Hutchison	51	-	-	4
<u>NOVICE(1-50)</u>				
Steven Greenyer	47	47	-	25
Alex Wellner	20	22	2	6

DIVISION	JUN	OCT	INC	CNT
<u>GOLD STAR(over 1250)</u>				
Arthur Cushen	4396	4440	46	240
Dene Lynneberg	2115	2151	36	192
John Mainland	1318	1348	30	184
Ray Crawford	1317	-	-	152
<u>GOLD ACE(1001-1250)</u>				
Ray Babbage	1229	1244	15	121
John Durham	1118	1140	22	137
Bryan Clark	1120	1139	19	178
Bill Huddleston	-	1079	-	124
<u>ACE(501-750)</u>				
Jack Searle	801	834	33	110
Lindsay Robinson	758	-	-	116
Paul Aronsen	583	597	14	-
John Campbell	-	593	-	199
Paul Ormandy	554	603	49	131
Austin Hadler	514	-	-	78
<u>SENIOR(301-500)</u>				
Jim Benzoni	468	486	18	90
Peter Greener	414	459	45	92
Alan Gilmour	424	443	18	87
Brent Allred	397	438	41	54
Lance Johnston	405	-	-	70
Bruce Cavanagh	394	-	-	93
Steven Greenyer	347	354	-	127
Paul Rawdon	341	-	-	114
Cecil Symmes	323	334	11	78
<u>INTERMEDIATE(151-300)</u>				
Ian Cattermole	257	370	113	72
Bill Vogel	287	-	-	104
Paul Edwards	264	284	20	134
Steven Clearwater	-	267	-	103
Jack Farrow	238	240	2	48
John Newman	-	233	-	-
<u>JUNIOR(51-151)</u>				
Alex Wellner	147	162	15	76
Leigh Morris	127	137	10	69
Ian Wells	128	-	-	57
David Feldon	105	-	-	27
Peter Nott	-	84	-	36
Gordon Hutchison	73	-	-	23
Ash Nallawalla	64	-	-	36
Ian Hitchiner	59	73	14	32
Andrew White	61	-	-	28
David Ricquish	61	-	-	33
<u>NOVICE(1-51)</u>				
Bill Jolly	47	82	35	25
Tim McSweeney	46	58	12	28
Craig Strathern	38	45	7	-
John Allchin	10	37	27	23
John Wysocki	-	27	-	16

Welcome back to Bill Huddleston, Steven Clearwater, John Newman and John Campbell. (last two are from over the Tasman)  
 Note that you must have 10 veries to enter a section of the ladders. Remember the final totals are due for December.....

DAYLIGHT SAVING STARTS 30 OCT, BUT ALL TIMES CONTRIBUTIONS ARE STILL GMT (13hrs behind NZDT)



**RADIOTELEVISION DE SAHARA**



**EIPT** ETHNIKON IDRYMA RADIOPHONIAS - TELEORASEOS  
 (HELLENIC NATIONAL RADIO - TELEVISION)  
 16 MOUROUZI STREET - ATHENS - GREECE

# DXED

SPOTLIGHT ON DXED 1017kHz Davao City.

Fairly regular reception of DXED, station of the Eagle Broadcasting Corporation in Davao City has been possible for some time here in Wellington. It is the only station in the

Southern Philippines offering "standard old-time favourites and MOR music." The station is all English when we hear it, and is a small concern employing 7 people, and a member of KBP - Association of Broadcasters in the Philippines. In the latest poll survey, DXED was rated 4th out of 17 nearby stations, most being of pop or soap opera format, or combinations of both. The programme around 1200 GMT is 'The Night Eagle', hosted by the Station Manager, accompanied by a female who proved to be Priscilla M. Luzon, the secretary who replied to Dene Lynnebergs first report from NZ. Manager Manuel T. Cabrera replied to our reports posted by Dene while in Manila. Mr Cabrera commented on the fact that reception was not on the registered 1020kHz: "We have to detune our plate for a broader band to knock off a frequency nearby which is 1070kHz. On the lower level, there is another station - DXGE 980 - both stations are widely tuned so that we cannot help but slightly detune our final plate to clear our sidebands. This must be the reason for you receiving us on 1017kHz." A 5kw transmitter is in normal use and a back-up of 1kw is available. It was used from mid-June to early July when the modulator transformer broke down, and rewinding took a month to finish. This may explain why it was not widely heard after being first reported. The station has received only 5 reports from overseas listeners and warmly welcomes such mail. To hear the station I suggest listening around 1200 GMT as it was first heard on 6 May to s/off 1300 (1500 Sundays (Saturday GMT? Ed)) when daylight saving was in operation. If you hear DXED it is best to write direct to the station rather than through EBC in Manila, who will forward the mail on to Davao. Address is: Manuel T. Cabrera, Station Manager, Eagle Broadcasting Corporation-DXED, J.P.Cabaguio Avenue, Davao City 9501, Philippines. Paul Edwards



## CHRISTMAS ISLAND RADIO

For many years the small radio station on Christmas Island in the Indian Ocean has successfully evaded the searching DXer. This station is VLU2, which I have tried to hear on many occasions from such localities as Colombo, India, Kuala Lumpur, Singapore, Jakarta, Bali, Darwin and Perth, all without success. However, while recently in Carnarvon Western Australia, I heard VLU2 for approximately an hour, corresponding to a little after their sunset. Programming consisted of English requests, an id as "VLU2 Christmas Island" and a locally produced Malay programme.

A few days later, while travelling by modern jet airliner from Perth to Jakarta, I was invited, by prior arrangement, to the flight deck. The Captain tuned for a few minutes to 1420kHz, and there was VLU2 loud and clear. Programming at the time (about 0415 GMT) consisted of modern recordings of oldies. The Captain explained that there was a LW beacon on Christmas Island which is used for direction and distance measurements by aircraft, and the MW broadcast station is used as a secondary check. At the time I was listening to VLU2 on the aircraft radio, the plane was due west of Christmas Island, and about 200 miles southeast of Jakarta.

A new transmitter was recently installed at VLU2 by Telecom Australia, and this was commissioned a few weeks ago. It may be that VLU2 will be logged by other DXers in the future. Adrian Peterson

## SPOTLIGHT ON WXLE CANTON ISLAND 1385 (continued from Page 6)

Station Manager Joyce E. Haas continues: "As I work on Canton full-time (6 days a week) and have a part-time job too, I am unable to work in the station very often, however, when I make new tapes now they have IDs every 15 to 30 minutes!" WXLE is pretty informal as it is only meant to reach a few people, however frequent reports from NZ are warmly received. They are heard here from evening thru to early morning at surprising level for just 250 watts! Paul Edwards

YAESU FRG7



VERSUS

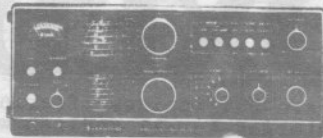
KENWOOD R300

10

A RECEIVER COMPARISON

BY

TREVOR PHILLIPS



Before I start with the comparison, I must correct two popular misconceptions about the Kenwood R300; firstly, it is a single conversion superhet, with double conversion on the top band - not a Wadley Loop system like the Yaesu FRG7. Secondly, contrary to an earlier report in this magazine, it does not have mechanical filters; it has 2 ceramic filters which are selected by a push button.

Circuitry: The R300 has 4 FETs, 21 bi-polar transistors and 24 diodes. The Frog uses 2 ICs, 9 FETs, 13 bi-polar transistors and 16 diodes.

Extras: The R300 comes complete with batteries, 2 core AC cord (so external earth is essential) and DC cord with in-line fuse. The handbook gives useful information on antenna types, propagation, use of various frequencies, alignment instructions (not very full), circuit diagram, etc. The Frog has 3 core AC cord permanently attached to the set, which I find a bug for mobile use, even though two pegs are provided to wind it around. The DC plug supplied is rather inadequate in comparison with the R300s, and will only accept the lightest of wire. A number of plugs is supplied, including an adaptor to accept a standard mono phone plug and fit the miniature socket on the R300. The Frog's Handbook gives what appear to be very full alignment instructions, a full parts list, the usual operating instructions and circuit diagram, and a most interesting description of how the Wadley Loop circuit works.

Power Supply: Both sets have the same 3-way power supply, but the light on the R300 extinguishes if the AC is off, thus it is obvious at a glance which power source is being used. If someone pulls the plug on your Frog, there is no way of telling until the battery goes flat! A push button on the R300 switches on the light if required for tuning when on DC power. Although I have not done a test, I believe the R300 is far more economical on batteries than the Frog. I had the R300 running on batteries for most of an 8-month period with no signs of deterioration, although the batteries supplied with new equipment invariably last longer than those available over the counter in NZ.

Readout: My R300 arrived in the classic state of non-alignment, with tracking errors of + 25kHz. Even with this rectified, frequency readout was hopeless due to bandspread only being calibrated for set bands, and also due to the non-linearity of the calibration. This is particularly evident on higher frequencies eg 16 metres which is spread over about 1 inch. This was overcome by preparing calibration charts, using the logging scale. When eventually completed this gave readings well within 5kHz. The built-in 500kHz crystal marker enabled the bandspread to be set spot on, but a 100kHz marker would be desirable. Readout on the Frog is spot-on, provided that the Dial-Set is positioned correctly, which is not easy. Having a mode switch instead of a BFO means a crystal marker cannot be used as it's unmodulated signal is inaudible in AM mode, and the USB/LSB positions place the signal 2kHz above or below tuned frequency. The simplest way to overcome this is to place 2 marks on the panel behind the Fine Tune control to coincide with these 2kHz positions. The difference can then be offset by setting the Fine Tune control to the correct mark to set up the Dial-Set. This idea can be taken a step further by marking the panel at 1 kHz steps (4 each side of zero), thus enabling 1kHz readout by setting the KHZ Dial to the nearest 10kHz frequency and adjusting the Fine Tune for  $\pm 1$  to 4 kHz. If this degree of accuracy is to be attempted, I would suggest a strip of 'stick-on vanity mirror' (available from auto accessory shops) affixed to the KHZ Dial to overcome Parallax.

Coverage: The R300 tunes from 170 to 410kHz and 525 to 30,000kHz. The Frog covers from 500kHz to 29900kHz.



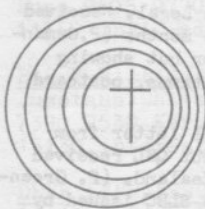
## The Yaesu FRG7 and Kenwood R300 compared (Continued)

**Controls:** The Filter of the Frog is too wide for my liking, this shortcoming being most evident in SSB and CW reception, and the R300 is far better in this respect. The Mode Switch of the Frog is also a poor substitute for the R300's BFO (as outlined above) although SSB is clear if tuned properly. I feel sorry for those DXers with the older model Frog which does not have the Fine Tune control. The 3-position attenuator switch on the Frog is not as serious a handicap as I expected - it appears to be able to handle quite strong signals. I have had a little difficulty with strong local SSB signals being too strong for the BFO but this is rare and can be overcome by placing an attenuator in the feedline. The R300's RF control gave more flexible control but didn't cut the signal down enough, so additional attenuation was necessary here too. The Frog has a separate 300 ohm antenna input for MW reception, whereas the R300 uses 75 ohms for all bands. This may cause matching problems with some boosters which drop the impedance to 75 ohms. This was quite the reverse of the problem I had with the R300 - trying to feed 300 ohms from a MW loop, until I realised the problem and fitted a Balun.

**Performance:** Without a doubt the Frog outperforms the R300. Signals which were buried in the R300's front-end noise emerge from the Frog as loggable stations. At my location  $\frac{1}{2}$  mile from the transmitters of 2YA (100kw), 2ZB (20kw) and Radio NZ Shortwave, the MW band on the R300 was unusable due to overloading. My 3.7 volt antenna signal gave good reception of 2YA in the 41 metre band. With the Frog, all MW stations are kept in place, although Radio NZ SW spread about 50kHz from the frequency in use. This should be overcome when I get an attenuator fitted in the feed-line.

**Price:** The R300 cost \$350 at the time the Frog was selling for \$299. Now the Frog is priced around \$340, the R300 is likely to be priced near \$400.

**Conclusion:** The R300 is a more elaborate and refined set, but its performance falls well below that of the Yaesu FRG7 'Frog'.



On 22 April 1977, the Burundi Government closed missionary station Radio Cordac in Bujumbura, and ordered the dismantling of transmitters and other equipment within 10 days. Cordac had been operating since 1964, sponsored by the World Gospel Mission, the Free Methodists and the Kansas Yearly Meeting of Friends. It had a potential audience of 15 million listeners.

**Radio CORDAC**  
Corporation de Radiodiffusion De l'Afrique Centrale  
B.P. 1140  
Bujumbura, Burundi, Afrique

ASWIC

The Government edict stated that the nation was to have only one station, the government sponsored Radio Bujumbura.

**HCJB THE VOICE OF THE ANDES** will soon have a new 500kw SW transmitter providing a signal strength 20 times more powerful than at present, through being linked to their new steerable antenna. Some information on the new antenna, taken from recent issues of HCJB Wavelength magazine: Raising of the main 417 feet tower for the steerable antenna took place in November 1976. Another 7 towers of 150 feet will support the antenna reflector. The antenna, including anchors for guy cables, covers an area of 15 acres near Juito, and is due for completion in June 1978. About 18 miles of wire in a horizontal and vertical network is supported by stranded steel cables strung between the main tower & back towers. The 'reflector' is a parabolic shape in the vertical plane, and shaped like the arc of a circle in the horizontal plane. The antenna feed radiator directs power from the transmitter into the reflector, which concentrates the beam somewhat like the bulb of a flashlight shines on the reflector to form a narrow light beam. The antenna is steered by moving the feed radiator along a track inside the reflector, allowing for the direction of the beam to be changed from North Africa up to Europe and North America, from Russia thru to the Far East/Philippines on the other side of the world. The antenna will serve existing transmitters as well as the 500kw, and will allow 3 prgms on 6 frequencies to be sent out to 3 different target areas simultaneously.

**SW  
QSL**

Well it's nice to be back in the country once again even if my mailbag seems rather empty I'm sure that all you out there are being better treated by the postie, so let's see what the mailbag holds. But firstly I'd like to thank very much our editor Bryan for doing the page while I was away overseas. 12

AZERBAIJAN SSR: Radio Baku. 6110 kHz sent a small paper card in the bottom of a big envelope by registered airmail in 43 days in reply to an English report with no RP. (P. Edwards)

ECUADOR: Radio Splendit, Cuenca. 5025 kHz. Verie letter in Spanish received in 13 months from Edmundo Valencia V., Sub-Gerente. Reported in Spanish with postcard, pennant and mint New Zealand stamps, no RP. (D. Lynneberg)

GRENADA: Radio Grenada 15105 kHz. Plain brown QSL card received in 4 months 10 days for an EE report sent with 1 IRC. (P. Edwards)

GUATEMALA: La Voz de Mahuala 3360 kHz. QSL Card, letter, stamps and large pennant received in 40 days from Manuel Tambriz Perechu who thanked me for some stamps I sent him with my Spanish reception report and said that he is a collector and would appreciate some more NZ stamps. Very plain card but a beautiful pennant. (P. Edwards)

INDONESIA: RRI-Surabaya 3975 kHz. Card in English received for Indonesian report without RP in 16 days from station Manager Sjam Abdoerahman B.A. Paul notes that further Indonesian reports for 585 and 2370 kHz seem to have been ignored. (P. Edwards) RRI-Gorontalo 4900 kHz. Long verie letter in Indonesian received in 30 days for Indonesian report without RP. Verie signer was Salen S. Thalib. (P. Edwards) RRI-Sibolga 5260 kHz. long verie letter in Indonesian for Indonesian report without RP. Verie signer was Zainal Abidin-Kepala RRI Stasiun Sibolga. Reply received by registered airmail in two months. (P. Edwards)

NIGERIA: Radio Nigeria, Jos. 5965 kHz. Rough form letter in 6½ months for airmail report, 1 IRC and NZ stamps. Also sent Voice of Nigeria program guide and 20th Anniversary issue of NBC Radio TV Times (B. Clark)

PERU: Radio Tropical, Tarapoto 4935 kHz. Plain QSL card and some nice stamps received in 23 days from Juan Pablo Mori, Gerente-Proprietario for a Spanish report and some used NZ Stamps. (P. Edwards) Radio Ondas del Huallaga, Huanuco. 3330 kHz. Postcard QSL of the "Panoramic view Calicante's Bridge and Huallaga's River". Verie signer was Flaviano Llanos M., Representante Legal. received in reply to a SS report sent registered with place mat and stamps. Received in 13 months (P. Ormandy) Ondas del Huallaga 3330 kHz Similar postcard QSL verie from same verie signer but showing view of the main square in Huanuco. Received in 12 months for SS report with NZ stamps, postcard and pennant. (D. Lynneberg)

SRI LANKA: Adventist World Radio via SLBC-Ekala 15425 kHz. QSL Card and personal letter from Adrian Peterson, Director for AWR in Asia. Reported in English to Paris address but QSL received direct from Poona, India. Letter congratulates Peter for the first QSL from New Zealand. (P. Greener. Sri to disappoint you Peter but while you may have the first QSL for AWR via SLBC issued by Adrian Peterson from Poona, it is not the first one to be issued to NZ for reception of AWR via SLBC. Your reception was for the 1.5.77, I have a QSL from AWR direct from Lisbon for AWR via SLBC 7190 kHz for reception on 24.9.76 at 1330 GMT. Ed.)

TANZANIA: Radio Tanzania 5050 kHz. QSL card in yellow and red with 'Sauti Ya Tanzania' across it on the front and full details exact time on the reverse. Received in 4 months for English rpt with 1 IRC. (P. Edwards)

UPPER VOLTA: Radiodiff. Television Voltaique, Ouagadougou 4815 kHz. Folded form letter verie in French, unstaaled but received in suprisingly good condition in 27 days for a French report with 1 IRC. On week days the station comes on at 0530 GMT while at weekends it opens at 0700 GMT. This info from schedule and contrary to Handbook. (P. Edwards)

Zaire: La Voiz du Zaire, Kinshasa. 15350 kHz. French form letter verie received in 7½ months for French report sent by registered airmail with 2 IRC's. (B. Clark)

USA: Family Radio WYFR. 11805 kHz. QSL card depicting various microphones in grey with station info in red. Received in 20 days for English report and 1 IRC plus NZ souvenirs. (B. Allred) KGEL. 5980 kHz. Green QSL card showing San Francisco sights on front and full details on reverse Also sent station info and schedule, all received in 15 weeks for EE rpt and 1 IRC. (B. Allred)

UNITED NATIONS: United Nations Radio. 17750 kHz. Blue card with details and U.N. Radio written in five languages on front. Received in 3 months by surface mail. (B. Allred)  
Well that's it for this month. Thanks to our contributors who were: Brent Allred, Bryan Clark, Paul Edwards, Peter Greener (thanks for your contribution Peter), Paul Ormandy and of course your sub-editor Dene Lynneberg. Till next time 73's and may the postie keep sending you those good news so that you can in turn submit them here.

# Shortwave Mailbag

with guest editor PAUL EDWARDS

13

I'm acting as standby editor this month for Tony who is awaiting an imminent addition to his family: I hope I can continue his high standard of work! Highlights this month include a QSL from Laos 7145 for a report back in December 1975, so there's still hope if you've written that one off!, also one from Nepal 3425 and another from Bhutan 7040. Sri Lanka and Libya have both been difficult to verify in recent years but now seem to be a lot more co-operative-why not try your luck!  
Now to the mail :

JOHN MAINLAND Wellington is first up with veries from Seoul 7550 Tripoli 9500 11700 Vox Fidei 9670 NHK 17795 KTRW 9640 11780 WINB 15145.

BILL JOLLY Kawerau has 7 out and returns from Praha 5930 RA 17870 RSA 11900 + pennant Tashkent 11730 NHK 9605 RTVE 11880 HCJB 11900. Nice that pennant. Thanks.

TIM McSWEENEY Queensland has 2 out and 4 in from FEBC 11765 RCI Sack 9535 SLBC Colombo 11835. Good.

ARTHUR CUSHEN Invercargill has some real goodies from French Guyana 4972 Laos 7145 Seoul 9525 9580 Voice of Hope 9605 9770 Libya 11700 TWR Swazi 11760 IBRA Radio 5990. Very nice! Ta.

BARRY WILLIAMS Auckland has several Russians: Chita 9780 15385 Moscow 7390 9530 Karan 12020 Petropavlosk 15130. interesting to know those sites.

DENE LYNNBERG Wellington has Prague 75110 IBRA Malta 5990 FEBA 11755 11800 11900 Splendit 5025 in one year but worth waiting for!

MASAMI ONIZAWA Japan has Singapore 5052 2 from Rhumbos 4970 and 2 from Habana 9525. Thanks.

CECIL SYMMES Wellington just back from the USA has them from RA Shep 11810 15190 KTRW 11780 Nepal 3425. Nepal a goodie Cecil.

ALAN GILMOUR Greymouth has 6 away with QSL's from Benin 4870 Tashkent 15460 LRX1 6120 YVOC 4980 Ghana 4980 WJQ 5962 Pyongyang 9420 Athens 11730. Nice latins, Alan.

PAUL EDWARDS Wellington has QSL 300 from Bhutan 7040 + some stamps.

BRENT ALLRED Motueka has answers from Cairo 9475, AFRTS Beth 15330 SBC 9725 RA Lynd 15240 Shep 9570 15140 NHK 15325 Bucharest 9690 WYFR 11855.5 Out; Thanks.

JOHN DURHAM Meremere has verified DW Ant 9690 Sweden 11845 HCJB 11900 FEBA 11755 11900 RAI 6010 ORP 6015 Cyprus BC 9770 Sofia 11750 4VEH 11835 KTRW 11780 Sierra Leone 3316 RRI Manado 5987. Very good.

PAUL ORMANDY Oamaru has 3 away and QSL's KTRW 11780 Ondas del Huallaga 3330 but promises more next month! Nice Latin.

JACK SEARLE Haumoana has QSL's from Libya 9500 in 3 1/2 weeks YVLK 4970 Pakistan 9790 Seoul 11860 with pennant RA Shep 9520 RNE 9505 for report on 11840! Glad you enjoyed that break, Jack. Ta.

IAN CATERMOLE Blenheim has 'em from FEBC 9505 P+P 11835 17705 RFI 9550 15155 VOFC 15345 HCJB 9745 9560 SBC 15305 AIR 15190 RBI 11840 Athens 11730 AFRTS 17765 RA 9515 9760 Eastern Highlands 2410 Lagos 4990 Gwaiba 11785 Continente 5030 Rhumbos 4970. Another busy month!

BILL HUDDLESTON Auckland has sent 9 away and has QSL'd FEBC 15390 NHK 9605 RNE 11840 Bucharest 11735 AWR via Sri Lanka 15425.

LEIGH MORRIS Palmerston North has QSL'd HCJB 6130 11900 IBRA Malta 5990. 9 reports in the mail.

JOHN ALLCHIN Auckland has verified TWR Bonaire 11925 RA 15355 P+P 11765 Lisbon 6025. Glad the DX trip went well. I hope to be at Matata + Whakatane at Xmas. Thanks for note!



BRYAN CLARK Wellington has 'em in from Finland 11/35 Nigeria 5965. Thanks, Bryan.

IAN HITCHINER Auckland has been rewarded with QSL's from SBC 11775 KGEI 9615 RA 15160 RTVE 7155. Ian is off to Hawaii for 3 weeks in October and hopes to report on his trip in the December Times. Have a good trip, Ian - and bring some of the weather home with you!

ALEX WELLNER NSW advises QSLs from RSA 5980, Cook Islands 3265, ROI 5960, VOA Okinawa 7165, Ecos del Torbes 6190 and SEC 3985. 7 reports away.

JIM BENZONI Hamilton has 1 out and 2 in: TWR Monaco 7125 and VOA Kavala 7170. Ta.

PETER GREENER Auckland, back from the DX-pedition to Ohope, reports that listening was mainly on MW, but Mauritania was hrd on 4845 at 1800. 13 reports are out and a good selection of veries are in from AWR Sri Lanka 15425 (NZ 1st), Guam 11780, FEBA 11900, 11755, VOA Dixon 17820, Sierre Leone 3316, NHK 15420, Vox Fidei 9670, RNE 11840, Kuwait 9580, RA Shepp 7240, Kenya 4915, Prague 5930, ROI 15325, Roumania 11735, BED40 17890, BED 49 11825 and Vilnius 15405. Good lot!

JOHN WYSOCKI Lower Hutt has QSLs from AIR 11775, KGEI 9555, RTVE 9360, 11840, 11880, 9505, RA 5995, 9540, 15320, 17870.

RADIO NZ SHORTWAVE sked from 30/10 is: 1800-0715 on 15130, 0730-1030 on 11780. Second transmitter operates 1800-2215 on 11960, 2230-0500 on 17710, 0515-1030 on 11780. It is hoped to run extended sked on the following dates to carry rugby matches from the All Black tour of France - 26 & 29 October, 5, 9, 12, 19 and 23 November. 6105 would be used from 1200 GMT and may run right thru to 1800 GMT.

COUNTRIES LIST UPDATE Recipients of the new edition should note accidental omission of North Vietnam and South Vietnam. These should be added under Asia - Extinct Countries.

SWEDEN CALLING DXERS, one of the best DX programmes, is currently well heard in NZ on Wednesday morning our time, in the 1830-1900 slot on 11790 & 15240 kHz. Have a listen and be up with the latest DX news eg the 5/10 edition: Mediterranean "Voice of Peace" ship is testing on 6240kHz; Azad Kashmir 3860 new frequency 1415-1815 GMT. BC

## BEST OF THE MONTH

### OVER 9MHz

Trans World Radio  
Swaziland 11760 khz  
30 kW 101 pts.  
Arthur Cushen.

### UNDER 9MHz

NBC Jos Nigeria  
5965 khz 10 kW 117 pts.  
Bryan Clark.

## EQUIPMENT REVIEW

FRG7 owners will be interested to hear that member Leigh Morris has received some ceramic filters from Californian Ralph Sanserino, and is having his Frog modified by Radio Engineering Ltd. We look forward to Leigh's comments on the results of this modification to the filters, which is apparently proving popular stateside.

YAESU-Japan have modification kits for adding fine-tuning to the earlier model FRG7's which did not have this facility. If your Frog doesn't have the fine tuner (just to right of main dial) you can order the kit from Yaesu direct. Cost is US\$5.00 which includes air parcel post. Yaesu also advise they have no plans for a digital readout Frog for the time being. John Newman

SANYO have joined the new series of receivers with their RP8880, an impressive model with mechanical band-spread dial graduated to 1kHz, with 9 bands - MW, FM, LW, Marine Band and SW 1 to 5. There is a separate dial and tuning for SW, switched crystal marker 100kHz...10kHz, Antenna trim RF gain, BFO pitch control, gyro antenna, 2 telescopic rod antennas, Bandwidth, double conversion system with tuned RF amplifier, 2 ICs, 16 transistors, 6 FETs, 25 diodes, 9 LEDs. Dimensions 476 x 238 x 145mm, weight 4.3kg. AC 110/240v DC 12v. Price and availability not known as yet. Bryan Marsh

NATIONAL RF-2800 or DR28 featured last issue expected in NZ soon for about A\$240 duty free. There are 2 models, one with LW, other Marine.

# SHORTWAVE BANDWATCH

coordinated by John Mainland



Highlights in Bandwatch this month include reception of Radio Tanzania on 4 and 6MHz, the Voice of Lebanon on a out-of-band frequency, KTWR with morning broadcasts on 15MHz which commenced on 24 September, a further 25 metre band change for FEBA Seychelles, Radio Afghanistan with a new 15MHz channel, Voice of Turkey with an afternoon transmission on 7MHz, and Madrid using new 9 and 11MHz frequencies for evening broadcasts.

FREQUENCIES IN KILOHERTZ TIMES ARE GMT (Add 12 hrs for NZ Standard Time)

FREQ	TIME	COUNTRY	STATION	PROGRAMME & RECEPTION DETAILS	INITS
2340	0925	PAPUA NEW GUINEA	Radio West New Britain	in vernacs, poor.	CS
2376	1000	PAPUA NEW GUINEA	Radio Chimbu	vg with mx, Pidgin.	SC
3220	0925	PAPUA NEW GUINEA	Morobe native mx, fair.	Others at this time Madang 3260 poor & Southern Highlands 3275 fair.	CS BW
3390	0525	ECUADOR	Radio Zaracay	hrd to s/off 0606.	AG
3425	1450	NEPAL	Kathmandu	EE nx, fair strength but poor readability. External Service with EE nx, vg level but noisy.	PE
3905+	1206	ADMIRALTY ISLANDS	Radio Manus	EE, vg sig, country mx.	DM
3910	1000	JAPAN	Far East Network	poor with EE news.	CS
3945	0535	NEW HEBRIDES	Vila	now seems regular Sunday sked, fading in.	BC
3952	1813	GREAT BRITAIN	BBC	good with EE newsreel.	CS
3960	0545	WEST GERMANY	Radio Liberty	good in RR but severe jamming.	BC
3965	0532	UNIDENTIFIED	European in GG 28/9.	EE lang lessons to 0548, then talks. Nx 0600, f/out 0630. Suspect Switzerland HS.	BC
3980	0600	WEST GERMANY	VOA Munich	EE ident & news. Poor, deteriorating.	CS
3989	1855	CYPRUS	BBC Mediterranean Relay	with pop prgm in AA, fair.	BC
3990	0535	WEST GERMANY	Radio Free Europe	exc strength in Polish.	BC
4115+	1136	INDONESIA	RPDK Garut	talks, music & vocals. Very good.	DM
4770+	1905	LIBERIA	ELWA	Monrovia fair with EE nx & childrens prgm.	MO
4790+	1006	INDONESIA	Fak Fak	vg with nx & cmt, modern pop mx.	DM
4785	1958	TANZANIA	Radio Tanzania	fair-good with time signals, id in Swahili & news. Then African mx prgm. Poor.	FE
4794	0550	ECUADOR	La Voz de las Caras	vg running late 25/9. Few anncts, Latin mx prgm. Hrd to past 0610 t/out.	BC SC
4810	0858	VENEZUELA	Radio Popular	exc in SS with frequent idents.	DM
4830+	1344	INDONESIA	Madium	talk by man in Indonesian, vg sig 15/9.	DM
4850	0710	DOMINICAN REP	Radio Clarin	Santo Domingo "Musica Popular".	BW
4853	1925	YEMEN	Radio Sanaa	poor with AA music prgm.	SC
4860	0718	PERU	Radio Chincaycocha	SS id, Peruvian mx, fair.	JM
4904	0515	CHAD	Ndjamana	fair with FF nx and talks.	SC
4945	0448	COLOMBIA	Radio Colosal	good with mx, idents. JW. 0545 fair in SS. CS. 0749 poor mx, talks. MO+ 0845 good in SS.	BW
4975	0500	COLOMBIA	Ondas del Orteguaza	good in SS with mx & anncts.	JW
4985+	1307	INDONESIA	Ujung Pandang	anncts & mx prgms. Vg with strong het.	DM
4985	1535	MALAYSIA	RTVM	ends EE nx, then popular mx. Excellent level.	FE
5010+	0907	COLOMBIA	Surcolombiana	anncts in SS, id, mx. Strong with het.	DM
5030	0945	VENEZUELA	Radio Continente	SS ids, Latin mx. CS 0919 weak.	MO
5030+	0950	COLOMBIA	Brisas del Citara	pop mx prgm. Id 0954, 1040 17/9.	DM
5039	2016	SUDAN	Omdurman	good with AA mx. FE. 2045 AA chanting good.	SC
5040+	0801	COLOMBIA	Radio Cinco	with mx, anncts, commercials vg in SS.	DM
5045+	0820	BRAZIL	assumed Radiodifusao	Presidente Prudente, weak.	MO
5960	0500	ALBANIA	Tirana	opening in GG.	AC
5980	0712	USA	KGEI	vg in EE with Space prgm, music and talks.	BA
5985	1905	USSR	Radio Moscow	poor in EE, news and commentary.	CS
5990	0400	ROUMANIA	Bucharest	with EE news.	AC
5990	1100	CANADA	BBC via Sackville relay	fair in EE 17/9.	BL
5990	2045	MALTA	Radio Mediterranean	"Malta Calling" Sat GMT fair-gd. LM	LM

FREQ	TIME	COUNTRY	STATION	PROGRAMME & RECEPTION DETAILS	16	INITS
6015	2000	GREECE	VOA Rhodes	50kw excellent signal 20/8.		SC
6045	0930	BRAZIL	Radio Clube Paranaese	with PP ident, mx prgm, fair.		CS
6100	2030	SPAIN	RTVE Madrid	EE for Europe fair 16/9 new freq //9505.		JM JW
6105	1802	TANZANIA	Radio Tanzania	good with EE news. QRM some days.		BW
6110	0430	NETH.ANTILLES	TWR Bonaire	ident, behind BBC co-channel.		BL
6130	0730	COLOMBIA	Radio Super, Cali	fair, best after Tahiti s/off. 0759 good with ident, ex listed 6120v often since 17/9. Jack Jones in NASWA Hotline 9/77 reports 'em on 6055 so 'v' is right!		AG BC
6150+	0804	COLOMBIA	La Voz de Huila	poor until ABC signs on.		MO
6155	0410	ROUMANIA	Bucharest	fair in EE.		BL
6160	0800	ECUADOR	HCJB Quito	gospel prgm mixed with Colombian.		AC
6165	0946	BRAZIL	Radio Cultura Sao Paulo	fair but HCJB 6160 splash.		BC
6170	1000	PHILIPPINES	PBS Manila	good in EE with commentary.		SC
6175	0700	ANTIGUA	BBC Caribbean Relay	good in EE.		BL
6175	0800	BRAZIL	Radio Guarani	fair at s/on.		AG
6185	0931	BRAZIL	Radio Bandierantes	vg with full PP ident, advts & music. Heterodyne from unid 6183.		BC
6195	0907	BRAZIL	Radio Continental	good mxd BBC Antigua till latter s/off 0915, then clear with PP commercial prgm.		BC
6205	1823	LIBYA	Mebo II	fair with old pops & test anncs half-hourly. 2 more addresses! 20 Hanway St, London W1, according to Record Mirror via WDXC via NASWA Listeners Notebook 9/77, or Mebo Ltd, Telecommunication, Postfach 113, CH-8047, Switzerland, according to Swedish Radio Club.		PE
6500	1846	LEBANON	Voice of Lebanon	Christian controlled station at Jounieh, regular since 22/9 with popular European & AA mx, & anncs in FF & AA. Fair-good past 2030. FF id 1849 as "Ici La Voix du Liban". BC. 1500 fair past 2000, mostly AA.		PE
7100	0430	BULGARIA	Sofia	strong signal in EE to North America.		AC
7105	1930	SPAIN	RTVE exc	with SS nx over unid Easterner. PE. 2020 SS exc.		JW
7155	2040	SPAIN	RTVE Madrid	news in EE. Poor, with QRM.		JW
7175	0354	TURKEY	Ankara	opening int. sig, time sig, 0400 brief nx in Turkish. Music followed. New freq ex 11880 14/9.		JM
7275	0555	NIGERIA	Voice of Nigeria	prgm summary in EE. QRM Tunisia.		AG
9022	1900	IRAN	Voice of Iran	, Teheran exc in EE.		SC
9505	2040	SPAIN	RTVE Madrid	excellent with news in SS.		JW
9510	2300	CANADA	BBC via Sackville	, World Service EE nx, poor.		CS
9510	0305	USA	BBC via Greenville	poor with World News in EE.		CS
9510	0500	ANTIGUA	BBC Antigua	relay with World Service news.		AC
9515	0253	PERU	Radio La Cronica	claasical mx, SS ident 0301 25/9, poor.		JM
9515	0356	TURKEY	Ankara	s/on good with anthems, id for General Service in Turkish. Over weak Moscow EE Service.		BC
9520	0800	SPAIN	RTVE Madrid	SS to Aust/Philippines. Fair ex 9530.		JM
9525	0700	SOUTH KOREA	Seoul	excellent with EE commentary.		SC
9600	1930	SPAIN	RTVE exc	in SS, then AA. Australia almost obliterated.		PE
9610	0358	ETHIOPIA	Addis Ababa	int. sig then march, time pips at 0400 with morning chorus and news in Amharic.		AC
9620	2005	YUGOSLAVIA	Belgrade	EE news & cmtry, poor.		CS
9630	0705	NETH.ANTILLES	Radio Nederland	Bonaire exc to NZ with news.		BA
9640	1100	GUAM	KTWR Agana	EE test prgm. AC. Light gospel mx, fair.		PE
9645	0530	VATICAN	Vatican Radio	exc EE nx. SC. 0635 Italian mass, vg.		BA
9670	2015	PORTUGAL	IBRA Radio	with GG to 2030.		SC
9730	1935	INDIA	AIR Delhi	EE for East Africa to s/off 1944. Fair, mixed.		BC
9745	2130	BULGARIA	Sofia	EE to UK. AC. 2132 EE for British Isles, poor.		JM
9770	0530	EAST GERMANY	RBI	in GG to Northwest Africa. Poor mxd VOA.		JM
9770	0700	MALTA	Advertisist World Radio	Voice of Hope with Italian to 0715, GG to 0730, EE annc 0730 then FF, Sundays.		SC
9850+	2336	EGYPT	Cairo HS	in AA. Anthem & s/off 2341. Good signal.		DM
9915	0225	GREAT BRITAIN	BBC World Service	Exc. SC. 0500 World Service.		AC
11700	1824	LIBYA	Tripoli	fair in AA. Nx 1915. //9500 poor, mixed.		PE
11705	1015	GUAM	KTWR Agana	opens under Tokyo. In the clear 1100.		AC



FREQ	TIME	COUNTRY	STATION	PROGRAMME & RECEPTION DETAILS	INITIALS
11705	2155	USA	WYFR	Family Radio mixed with Sweden.	AC
11755	0815	SPAIN	RTVE Madrid	SS to Aust/Philippines good ex 11730 26/9.	JM
11775	1258	ANTIGUA	BBC Caribbean	relay fair with local ident at s/on, but rapidly deteriorated into QRM.	BC JW
11775	2148	SPAIN	RTVE Madrid	vg with commentary in SS.	
11780	0900	GUAM	KTRW Agana	EE to 0930 mixed Pyongyang.AC.0913 Mx & anncts in EE.JJ at 0930.PE.0930 EE strong.LM.0940 in JJ. EE from 1000. Mixed Fyongyang.MO+ 0955 good.Anncd freq change to 11705 from 1100.CS. 1000 Trans World Radio good in EE.	SC
11800	0600	TURKEY	Ankara	with Home Service in Turkish.AC. 0515 Turk exc.	SC
11800	0140	NETH.	ANTILLES TWR Bonaire	SS to Sth America fair ex 11790.	JM
11800	0415	SEYCHELLES	FEBa	vg in EE.	SC
11805	0230	BRAZIL	Radio Globo	noted with sports relay 22/9.	AC
11810	1945	SPAIN	RTVE Madrid	poor in AA, mixed Radio Australia.	PE
11835	1025	SRI LANKA	SLBS	with EE news and ident, very good.	SC
11865	0345	SEYCHELLES	FEBa	s/on in AA svce 2/10, fair. Replaces 11900.	JM
11905	0515	IRAQ	Baghdad	exc with AA mx & anncts.SC. 0530 AA mx prgm,exc.	CS
11920	2013	SPAIN	RTVE Madrid	vg in SS with anncts & piano mx prgm.	JW
11940	1630	BELGIUM	Brussels	with "Today in Belgium", //15280.	BW
11945	0702	LIBERIA	ELWA	AA ident, talk & mx. Poor 20/9 ex 11940.	JM
11955	1400	PHILIPPINES	Radio Veritas	with EE prgm. News 1430.	AC
11960	0615	CANADA	RCI Sackville	EE for Europe fair 15/9 ex 11935.	JM
12045	0500	ISRAEL	IBA Jerusalem	fair to NZ in EE.	BA
15115	2200	GUAM	KTRW	Trans World Radio first hrd 25/9 with gospel prgm & better signal than 15155.AC. EE religious prgm //15155.JM	
15120	0635	NIGERIA	Lagos	excellent with news in English.	SC
15130	0100	CHILE	Santiago	in FF new freq same as 15150.AC. Voice of Chile on measured 15129.9 mixed/under RNZ & causing bad het. EE Nx & talk. 15150 noted 0105 under VOA Philippines and may have closed at 0110, when 15130 first noted.BC. 0315 vg in EE with ident & mailing address for "Voice of Free Chile".	SC
15135	0725	NORWAY	Radio Norway	with EE ident in Norwegian prgm, fair.	CS
15150	0036	CHILE	La Voz de Chile	s/on in Italian. FF 0050 till off 0110.	PC
15155	2100	GUAM	KTRW	Agana fair in EE 24/9 first day of morning broad- casting.JM. Test to 2200 24/9, followed by Radio Bible Class. Said they had recd hundreds of reports from 22 countries during initial tests. Reception of studio quality at this time.AC. 2115 EE 24/9 good. BL 2200 "Back to the Bible" in EE at very good level in // to 15115.	MO+
15160	0428	GREECE	VOA Kavala	(250kw for Africa) with Breakfast Show nx, mixed Radio Australia.	BC
15175	1530	USSR	Radio Station	Peace & progress in EE //15110,15265, 11870 and 17860.	BW
15180+	2301	LITHUANIAN	SSR Vilnius	with EE id,freqs,prgm info,nx.Off 2309.DM	
15190	2130	SWEDEN	Radio Sweden	vg with Home Service relay in SSB mode. Attractive QSL was offered for these experimental tx by the Swedish Telecommunications Administration, Radio Dept, Broad- casting Division, S-123 86 Farsta, Sweden.	BC
15201	0745	INDONESIA	RRI	with Jakarta news. Off 0800.	AC
15205	0845	FRANCE	Radio France	magazine prgm in FF. New freq,fair 26/9.	JM
15230	0145	CUBA	Radio Havana	in SS at this time.	BW
15240	1835	SWEDEN	Radio Sweden	Saturday Show fair-good,slight fading.	PE
15250	2000	EAST GERMANY	RBI	in EE. BW. 2025 Berlin fair in EE.	BL
15260	2140	CANADA	RCI Montreal	fair-good EE to Africa at this new time.	BC
15260	2157	JAPAN	Far East Network	Tokyo poor-fair after RCI s/off. Has American Top 40 Saturday GMT. Nx 2200. Faded out 2215.	BC
15270	2230	USA	WINB	Red Lion EE ident & gospel prgm,poor 30/9.New freq.	JM
15365	1130	AFGHANISTAN	Kabul	EE ident.Bad QRM from USSR 15360.BL. 1134 fair-good with EE nx by female anncr, then mx prgm.	PE

FREQ	TIME	COUNTRY	STATION	PROGRAMME & RECEPTION DETAILS	INITIALS
15400	0450	BANGLADESH	Dacca	vg with EE news etc.	SC
15785+	0944	CLANDESTINE	Voice of Malayan Revolution	with talks in EE. 1000 anthem and closing of prgm, very good signal 11/9.	DM
17635	0906	CHINA	Radio Peking	good in EE with cmt on Chairman Mao.	CS
17715	0940	WEST GERMANY	DW Cologne	EE Asian service "Panorama", good.	CS
17830	0800	PAKISTAN	Radio Pakistan	with EE news.	BW
17880	0300	JAPAN	NHK Tokyo	with EE news. QRM from RA. Poor.	CS

**CONTRIBUTORS:** Thanks this month to: BL Bruce Lister JM John Mainland  
 LM Leigh Morris BA Brent Allred BC Bryan Clark BW Barry Williams  
 AG Alan Gilmour PO Paul Ormandy AC Arthur Cushen SC Steve Clearwater  
 PE Paul Edwards JW John Wysocki DM Don Mitchell (Victoria, Australia)  
 MO Masami Onizawa (Japan). Let's see some more contributors next month, with news of what you heard over the Labour Day holiday weekend!

### BELGIAN RADIO'S INTERNATIONAL SERVICE - ORU



#### A BRIEF HISTORY

Belgium's first SW transmitter for overseas broadcasts, OTC, began operating from Leopoldville in the Belgian Congo in 1943, with "The Voice of Free Belgium". With the end of the war and the liberation of Belgium, OTC became the overseas transmitter of the Belgian Radio. 1946 saw the beginning of a new programme "Belgians throughout the World", intended for Belgian people living abroad. In 1948 a special programme was introduced for Belgian sailors, giving shipping news, news bulletins, and messages to/from the families of men at sea. The following year further special broadcasts from Leopoldville were begun - for missionaries, giving news, family messages and special features on matters concerning the Church.

In August 1952, the service was transferred from Leopoldville (now Kinshasa, the capital of Zaire) to Brussels. OTC was replaced with ORU, using three transmitters, two of 100kw and one of 20kw. 1966 saw the creation of a transcription service to provide programmes recorded in Brussels for foreign stations, to support the work of Belgian cultural and information services abroad. An internal reorganisation took place in 1970, with broadcasts for Belgians abroad being taken over by the two Institutes of the Belgian Radio & Television (French and Dutch language programmes). The International Service was given responsibility for all programmes jointly produced for listeners abroad.

Today ORU broadcasts with two 250kw and two 100kw transmitters in 4 languages (French, Dutch, English, Spanish), and the Transcription Service produces over 16,000 programmes annually. The address for reception reports is ORU/BRT P.B. 26, B.1000 Brussels, Belgium.

The current English schedule of ORU is 1715-1800 GMT on 9755 and 11940kHz, beamed to Africa, with "Brussels Calling" daily, plus "DX Corner" on the 2nd and 4th Sunday of each month. The same programmes are beamed to North America on 6065 and South America on 9680 at 0015-0100 GMT.

## PENNANTS POST

Items from our regular contributors Brent Allred and Jack Searle:

**EAST GERMANY** RBI's DX Club pennant is 20cm long with station name in GG, FF and EE and the RBI logo. Colours - blue, red and yellow on white background, featured on both sides. Material quite thick and shiny. (BA)

**HUNGARY** Radio Budapest has a silk twin-tailed pennant with parallel sides, measuring 7" x 4", in red, white and green stripes with a monogram and words "Radio Budapest" silk screened on. (JS)

**NORTH KOREA** Radio Pyongyang - 9" red, white & blue cloth, with central monogram, Korean script and "Radio Pyongyang" in EE. (JS)

**SOUTH AFRICA** RSA has quite an attractive pennant, blue, orange, black & white in colour, depicting the RSA bird and tower. Afrikaans & EE legend. 25cm. (BA)

# ARTHUR CUSHEN'S SHORTWAVE REVIEW

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Of note this month is the excellent reception of KTWR during the morning transmissions from Guam. The following information was aired on Radio New Zealand at 1015 GMT on Sunday 2 October.

All times are GMT

All frequencies KhZ.

Austria The Austrian Radio in Vienna has two transmissions in English which give reasonable reception in the Pacific area. They are from 0430-0500 on 6015 17840; and 0830-0900 on 6155 15105 15410 and 17720.

Belgium: Brussels broadcasts in English to North America 0015-0100 on 6065 and 9680. DX Corner is aired on the second and fourth Sunday.

Brazil: Radio Globo 11805 was heard at 0230 with sports relays on September 22 when disturbed reception conditions provided reception of many Brazilians at this time.

Bulgaria: Radio Sofia is heard in English to the U.K. 1930-2000 on 6070 9700; 2130-2200 on 9530, 9745 to North America; 0000-0100, 9705 and 0400-0500 on 7105.

Chile: The Voice of Free Chile is used to identify the station heard on 9565 at 0210, and on 15150 at 2250.

Cook Islands: Rarotonga is using 9695 in place of 5045 and closes at 0834. News from Radio Australia at 0800.

Ethiopia: Addis Ababa 9610 opens with an interval signal at 0358, then march and news in Amharic.

France: Has been noted on 3965 with 4kw. News in French at 2000.

Great Britain: BBC World Service heard on 9860 from before 0600 to sign off 0800. At times carries the french programme to Africa.

Guam: Trans World Radio has been heard since the official opening on 4 September with best reception on 9640 from 1100-1130 generally in English, 1130-1300 in Mandarin. 11705 opens at 1015 but is blocked by Radio Japan up to 1100. It also carries the Mandarin 1130-1300. 11780 opens at 0900 in English, Japanese 0930, and English 1000-1055. Address is Box CC, Agana, Guam. The morning service commenced September 24 at 2100 with a test on 15155. Normal programme at 2200 on 15115.

Guyana: Radio Cayenne verifies reception with a card from Radio France Region 3. The card lists the shortwave frequencies as 3395 and 6170 both 4 kw and 4972 with 1kw. Heard opening at 0930 on 4972. Full address is- F.R.3, B.P. 336, 97305, Cayenne, French Guyana.

Indonesia: Jakarta 15201 has news in Indonesian at 0745. Closes at 0800.

Laos: National Radio of Laos has verified after 20 months. According to the letter the old Philips 25kw transmitters have been replaced by two 10kw chinese transmitters. One is used for SW transmissions on 7145 and the other is a stand by. The Director General of Radio Laos is anxious to receive reception reports. The schedule for the external service which operates on 1030 and 7145 is 2300-0130, 0400-0630, 1130-1430 with English news bulletins at 0100 0600 and 1330. The internal service is broadcast on 640 and 6130 from 2230-0200, 0400-0700, and 0900-1530.

Philippines: Radio Veritas 11955 is heard with English 1400-1500. News at 1430 also on 11780 and 15215.

Sweden: Radio Sweden has made a change for their service to South East Asia 1330-1500 with 15240 being replaced by 15315.

Turkey: Ankara has been heard with a relay of the domestic service 11800 around 0600. 9515 is heard opening at 0400.



# ..sign off..

CURACAO Continental Electronics USA has been awarded a \$1 million contract for construction of new Trans World Radio transmitters to be located on this island in the Netherlands Antilles. The contract calls for 2 SW units of 250kw and a 50kw MW transmitter.  
Santos SCDX 23/8

MADRID broadcasts in EE according to the following sked: To USA 0100-0400 on 6065 (except Sunday) & 11880 (except Monday). To Europe 2030-2230 on 6100 & 7155 (except Sunday). RTVE also has SS to Australia 0800-1100 on 9530, 11730 and 17735kHz.  
Ian Hitchiner

BANGLADESH The General Overseas Service from Dacca is being heard on the new frequency of 11650 in EE 1815-1915 including slow speed news at 1900. EE is also reported on 17890 0445-0515 & 1230-1300. The address for reception reports is Radio Bangladesh, 23/7 Shaymoli, B-Block, Dacca 7. SCDX 30/8

RADIO GRENADA's 15105kHz transmitter has been off the air since 4 July for repairs. DX Partyline via NASWA LN

DENMARK Plans for EE (see July Times) have still to be implemented. 15165kHz is used currently for Danish prgms 0730-0830 except Monday, 0900-1000, 1100-1155, 1200-1300, 1330-1345, 1400-1500, 1505-1605 to Far East, 1610-1710 to North America, 1730-1805 & 1930-2030. Home Service relays at 1100, 1330 and 1730 are beamed to Greenland.  
SCDX BEC MS(c)

ECUATORIAL GUINEA A 50kw transmitter is being installed at Bata with primary coverage of West Africa on 6120kHz. Other frequencies registered for Africa & Europe 0530-0700 & 2130-0100 are 7150, 7190, 9555, 9585, 11715, 11895, LN 15110 & 15190kHz. IFRB via Legge NASWA/

RADIO KUWAIT's evening EE service is on air 1800-1900 only, on 12085 to Europe, 9650 to Arab Gulf, 9580 to E & SE Asia, 1345 to Kuwait.  
SCDX 13/9

**HELP WANTED:** Leigh Morris, 14 Kettle Avenue, Palmerston North wishes to know where he can obtain a copy of - "Advertisements in Latin American Radio" by H.W.Nielsen & I.Stensgaard containing about 14 pages & published around 1970. Can anyone assist?

## NEW ZEALAND RADIO DX LEAGUE

### ADMINISTRATIVE OFFICE

P.O.Box 1313, Invercargill

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

### EDITORIAL OFFICE

P.O.Box 2956, Wellington.

Only queries relating to content & distribution of the Times should be directed to Wellington.

Closing date for contributions is usually 5pm on first Monday of the Month. Advertising: 50 cents for up to 30 words. Other rates on request.

### ANNUAL SUBSCRIPTION: NZ\$5.00

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

URUGUAY SODRE, the Uruguayan National Broadcasting Service has a new International Service 2200-0400 on 11885 and 9515kHz. Prgms are mainly in SS but an EE newsreel has been heard at 0335 GMT.  
Nigro SCDX 13/9

GLEN HAUSER now has a weekly 2-3 min DX news report on Radio Canada International's Sunday "DX Digest". Let the Times know if you can hear this one, and the best reception time, as you can be sure Glen will have up-to-date & interesting DX tips for us.  
NASWA Listeners Notebook

VATICAN RADIO's new rotatable SW antenna, to be used in conjunction with the new 500kw, is expected to be in operation in December, providing improved reception in the Far East, South America and Australasia. The Telefunken antenna covers all frequencies from 6 to 26MHz, will replace 25 separate antennae currently in use, and at 79 metres high is the highest of it's kind in the world.  
SCDX 30/8

HCJB's annual correspondence report shows a total of 169,816 pieces of mail received in 1976 from 131 countries. Japan made up 63,494 of the total!  
NASWA Listeners Notebook

RADIO YAOUNDE Cameroun has been hrd in Japan on a new frequency of 4849 // to 4972. 9745 is used in the evening hours GMT & has been heard as early as 1600.  
SCDX 6/9 & 13/9