



# NEW ZEALAND DX TIMES

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AUGUST 1976

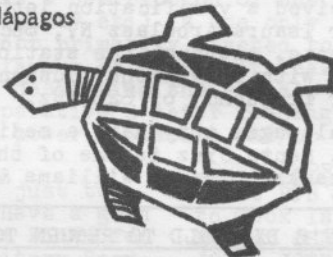
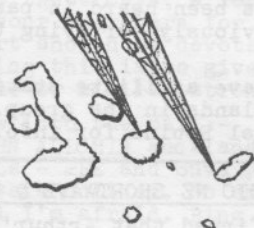
## STATION OF THE MONTH.

The youngest province of the Republic of Ecuador lies 500 miles off the Ecuadorian coast, in the Pacific Ocean. This is the Galapagos Islands, an archipelago of 12 large and several hundred smaller islands, with a total area of about 3000 miles. The largest town, San Cristobal, is the home of The Voice of Galapagos, a 5000 watt broadcaster with the callsign HCVG8, currently giving good reception in NZ on the 60 metre band frequency 4810kHz when signing on around 1210 hours GMT. At this time signals are often very good, and programming has been audible to after 1345. From time to time, reception has been noted at 0400 (sometimes later) when the station signs-off for the day.

The Voice of Galapagos is run by the Franciscan Mission and station director is Reverende Padre Edgar Raúl Pinte. Transmission times are officially 1215 to 1430 hrs GMT and 2300 to 0400 GMT but, as indicated above, these hours are often extended a little. The Islands have their own time zone GMT - 6, separate from the rest of Ecuador.

continued on P.2

Prefectura Apostólica de Galápagos



H C V G 8

Onda Corta 4.810 Kes.

5.000 Wts. de Potencia

TELEFONOS:

Quito - 511-189

232-700

Guyaquil - 393-308

RADIODIFUSORA **LA VOZ DE** PUERTO BAQUERIZO  
**GALAPAGOS** ISLA SAN CRISTOBAL  
INTERNACIONAL EN LA PROVINCIA MAS  
JOVEN DEL ECUADOR

MENSAJE DE DIOS, PATRIA Y CULTURA

CLOSING DATE FOR NEXT ISSUE: 5pm MONDAY 6 SEPTEMBER. SEND DETAILS OF YOUR DX, QSL's, B-O-M ENTRIES & CONTINENTS LISTINGS TO BOX 2956, WELLINGTON.

## 2 FROM THE BRANCHES

**SOUTHLAND** The July meeting at Neville Henry's saw 12 present, including visitor Bruce Barton of Adelaide, brother of Keith Barton. (Editor of DX Post) Business included arrangements for the annual general meeting, nomination of officers, and correspondence. Bruce Barton then spoke on his home area and his tour of NZ. Competition Results: Broadcast - Ray Crawford XEPR 1480 5kw and Sutton Burtenshaw TIJC 675 15kw, 1st equal. Merit to Sutton with Aden 755 50kw. SW - Eric McIntosh DW Kigali 21540 250kw and Wyn Machon, Ghana 4915kHz 10kw.

**WELLINGTON** The July meeting was held at Bruce Williams with 7 members in attendance, and visitor John Wysocki. Topics of discussion included Convention 77, the future of the Shortwave Service of Radio New Zealand, and remits for the League AGM. Competition Results: SW Senior to John Mainland with FEBA 11810 and Austrian Army 6221 1kw. SW Junior to Paul Edwards with Nigeria 15120 and Austrian Army 6221 1kw. Next meeting, the Branch AGM, will be held at Bryan Clark's, 47 Upper Watt Street, Wadestown on Friday 27 August at 8pm.

**WAIKATO-BAY OF PLENTY** 5 attended a meeting at the NZART clubrooms, Rotorua on 31 July, and welcomed visiting League member Bryan Clark from Wellington. Following the resignation of Charles Douglas, David Feldon was elected branch president for the remainder of the current term. A planned visit from Auckland DXers was discussed. Bryan Clark described the organisation and production of the DX Times. He also commended the branch on its annual DXpedition to Ohope and agreed to act as branch proxy at the League AGM.

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At sign-on, around 1213 GMT, full station identification in Spanish is given and the station slogan 'Mensaje de dios, patria y cultura' (Message of God, Country & Culture) is featured several times. The distinctive sound of seagulls introduces the day's transmissions. A brief religious service follows, and then mainly light orchestral music is featured, with regular identifications and time checks.

Barry Williams recently received a verification letter in Spanish, signed by the Director and also Sister Isaura Arbelaez N., Secretaria, who seems responsible for station correspondence. Although the station has been heard in past winters, QSLs have been few, with only Arthur Cushen previously verifying the station, when on its former frequency of 6255kHz.

According to The Voice of Galapagos they have a medium wave affiliate station Radio Santa Cruz on 1410kHz. Santa Cruz is one of the islands in the group.

Thanks to Barry Williams & Nigel Robins for info.BC.

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### ARTHUR CUSHEN'S DX WORLD TO RETURN TO RADIO NZ SHORTWAVE & MW!

The Chairman of Radio New Zealand has confirmed that Arthur's well-known DX session will soon be back on the air. The programme will be scheduled on the domestic National Programme once a month at 1015 GMT (hour earlier during daylight saving?) on a Sunday. Thus it will be relayed on the Shortwave Service. Also a Mailbox feature acknowledging overseas correspondence to RNZ will also be broadcast at this time on a Sunday. We congratulate Arthur on his success. Both programmes, with their domestic audience, will do much to publicise the hobby.

**MAIL DELAY.** Last month's Times was posted on Thursday morning, 15 July. Many members experienced excessive delays (Invercargill copies arrived 23 July). This is the first major delay problem for quite some years and we hope it is an isolated case. Enquiries with the Post Office have been made.

**PENPAL WANTED:** Andrew C. Robins, 2724 Fleetwood Drive, Kalamazoo, Michigan, USA 49008 is a keen DXer in search of a penfriend amongst League members. 20 years old, he has been DXing since 1972, uses a Collins 51J4 receiver and has 119 countries verified on SW. In addition to university studies he works part-time at a local TV station, and till recently was a NASWA editor.

# BROADCAST DX

with Bryan Clark

3

In late 1769 Captain James Cook named the Bay of Plenty for the fertile, cultivated and well populated appearance of the land. In late July 1976, if you will pardon the comparison, your editor joined Chris Martin of Sydney for a week's DX listening at Mount Maunganui on the Bay of Plenty, and plenty DX it certainly was! The results appear in a special trail, but mention must be made of the fantastic reception from Central America and Caribbean, viz Radio Dominica 595 in the Windward Islands group and SRS Paramaribo, Surinam 725. Even long-path European reception was the order of the day. The results far exceeded our hopes and raise the belief that there are no doubt numerous coastal locations with sea paths to the Americas just waiting for the holiday-ing DXer to set himself up, and reap the rewards!

3MP, Bay City Radio, 434 Nepean Highway, Frankston 3199, Australia opened on 1380kHz on 18 July. Originally assigned 1370kHz, some local interference problem must have forced the frequency change as both ABCB and 3MP publicity indicated the use of 1370. The station is on air 24 hours a day with 5kw and is audible from 0700 to past 2000 GMT, with good reception at 1400. Arthur Cushen Other news from across the Tasman courtesy ARDXC member Ian Stanley: North West Radio (WA) owns two projected commercial stations for Western Australia-6NW Port Hedland and 6KA Karratha. These are the likely callsigns but powers and frequencies are yet to be determined. Slogan is "The North-West Network, servicing the Pibara Region." 2XX 1010 Canberra University station is due on.

Southland Branch made another excursion to their great DX location, Tiwai, on the South-East tip of the South Island during the last weekend in July. Here, they have longwires in excess of 1000 feet beamed to strategic areas of the world to haul in the DX. The weekend produced some exceptional DX for your Editor at Mount Maunganui, so it will be interesting to compare results.

Ron Schatz, NRC/IRCA member and US verie signer for 1000kw Costa Rican project Radio Millon comments on the 80 reception reports received from North America for the stations 8 March test on 625kHz: "Many reports were good, many more were terrible. The average rept overdid proof of reception and hardly mentioned the signal at all. As a description of the signal (strength, static, modulation, fading, readability etc) is the only thing that interests a station these days, a report not primarily devoted to it does the station no favour in return for the favour of a QSL. At least half of any reception report should be devoted to describing the signal, and the only objective way of doing this is to give comparative S-meter readings with other stations of same or similar strength, power, location and/or distance."

Now into the mail:-

JOHN ALLCHIN Auckland has just two QSLs - 2RE and Suva 710. Have a good Aussie holiday. No address known for 2EA I'm afraid. Ring Directory Service when you're there. No QSLs noted in Aussie DX magazines so a prepared card and self addressed envelope may be best bet.

RAY CRAWFORD Invercargill has the best bunch of QSLs this month: Union 880 & pennant, XFP0P 1490, Cristal 1140, XEHL 1010 & lovely big pennant DDR 1043, Roumania 1151, Hungary 1187, Yemen 755 and Melodia 1600 (cnt 122). Logs: YNOO Plata 1295, OBX4D Relej 1520, HJDA 1260, WXVI 1600. Great!

ASH NALLAWALLA Dunedin keeps the flag flying with QSLs from CMW 590, Fiji 560, 2RE & 4KQ with 3 stickers.

JOHN CAMPBELL, Newcastle, NSW in his first BCB contribution advises reports to Cook Is 600, Fiji 710, Tarawa 844. Recent QSLs 1XW, 1XX, A3Z, HLDA, HLKX, JOIF, JOFR, CFRN, WWWE, XEMO 860, Thai TV 1500. Good to hear from you John!

CHRIS MARTIN, also from NSW has QSL'd 4XD, 5AU, A3Z, Nairobi 611, JOLF, 5LN, 7QN & Lille 1376. Reported at home: 5AU, MU, AD, SE, 1ZN, ZT, ZA, ZC, 2ZA, ZD, ZG, ZP, ZW, 3ZC, ZA, ZB, ZO. At Mt Maunganui-4VEH 1035, XEGM 950, XEROK, TGT 1188, XEW, XEWA, Sutatenza 960, TIHB Relej 700, TIPJ 1225, Jumbo 545, KTCM, KSCO, RRI Jakarta 975, YV-- Vision 1330, KRLD Aeropuerto 910, K TSA, KLOK, KCBQ. A really great week Chris! Thanks!

ROBIN CHAMBERS Opunake has reported KRIO, KTOE, KXYZ, HJEW 1110. QSLs CJVB, Labasa 810 & KCMO 810 in 18 months.

ALEX WELLNER Sydney has a report out to Noumea 670 and QSLs from 5PI,4ZB. Ta, Alex. Please keep all ladder totals on one separate page as they go to a different editor.

BOB BOUNDY Christchurch has another QSL from La Voz de Cuba with 2 transfers. Also reports out to 6 on SW. Bob, your Drake SSR-1 at \$446 must be a bargain as a Wellington member paid \$600 plus for his. It pays to shop around obviously! Incidentally I couldn't work out if your SW's were QSLs. If so please list on a separate page - station & frequency only required. Logs per Bandwatch.

SUTTON BURTENSHAW Invercargill has 2 good QSLs - TIJC Sonora 675, Yemen 755. Thanks Sutton. See you soon.

IAN CATTERMOLE Blenheim has reported 2NX,PK, 1ZC, 4IP,RK, KNX, JOLB,JOQR. Veries: 2ZH,2NC,NA,GZ,ZN,NX,RE,KP, 3BO,HA, 4RK,IP, 5RM, 7EX,ZR, KFBK, KNX, Fiji 560 and 710. In amongst them now Ian!

ARTHUR CUSHEN Invercargill has a QSL from JORR and a report to 3MP 1380.

BRYAN CLARK Wellington has logged at home: HJDA 1260, 7SD, 4QL. At Mount Maunganui 26 logs from 15 countries: KMVI, YVRQ 910, HJ-- Galeon 1450, HJCU 730, Tarawa 844, Vila 1421, 2NA Radio Jumbo 545, YSCF Orientales 1155, TIHB Reloj 700, Cordilliera 1190, YV-- Radio Vision net 1330,2WG HJKL 610, Radio Dominica 595, XEWA 540, KBOI 670, KXXI 1520, TIJC 675, Paramaribo Surinam 725, TGT Sonora 1188, VVSZ Exitos 1090, HRYW 945, Sutatenza 960 & 590, Sevilla 683. QSLs HJKH 770 & 2 pennants, 4QL.Wow!

PAUL ORMANDY Oamaru has verified 7NT WGY 810, Israel 656 and 737. Logs: Medellin 990, Faro del Caribe 1075, Vigia 1330. Thanks for letter Paul. Will write re most of your queries. Your 1150 Latin likely XEJP as they dominated up north and the format seems to tally. No clues on your AA station 1461 at 0510. Not a good frequency to choose with Monte Carlo 1466 now 1200kw I think. SW image?

LINDSAY ROBINSON Invercargill has a couple of good logs in Bahamas 1540, Aruba 1325. A QSL from KFRC 610 in 14 months.

JACK SEARLE has verified KRLD and logged & verified Belize 834 in 21 days. Good one Jack! A reply from Moscow for a report on 548kHz in-

4-vited Jack to report in the language heard! The in rutable Russians!

DENE LYNNEBERG Wellington has been in amongst the Latins with reports to HJDA Valexico 1260, Vigia 1330, Voz de Heroica 1170, YVRM Impacto 1260, YVTI 1360, Universal 1270, 4VJCD 1330. QSLs from 2AN 720, 2GO, DWXX 1000 10kw.

TED OSBORNE Wanganui is a new member, but has been DXing since 1937. Welcome Ted! A verie is in from Israel 737 and reports are out to BBC Oman 701, WVUV, Noumea 670, PJB 800, YVOV,YSAX. Ted yr Portuguese would be PJB which commence -s in that language at 0740 GMT and is back into Spanish from 0900, dominating this channel. No Guam stations on 800. XEROK 'X-Rock 80' has EE pop programming on 800, under or mixed PJB.

#### BEST OF THE MONTH - AUGUST

Senior: TIJC Costa Rica 675kHz 15kw  
129 pts Sutton Burtenshaw

Junior: Belize 834kHz 20kw  
128 pts Jack Searle

## BROADCAST TRAIL

### MORNING (All credit Robin Chambers)

- 692 Baghdad fair at 1955.
- 1061 Diyarbakir good 1908-1916 25/7.
- 1090 Strong unid AA 1919-1938, mixed w/ unknown station at 1930 when two sets of interval signals hrd. Any suggestions you SW experts?



Flute or Reed Instrument.



- 1133 Kuwait good in EE 1945 loop/LW.
- 1214 Albania fair-good 1935 also.
- 1223 Vidin strong 1935 loop/longwire.
- 1412 BEC Masirah ever better 1955 25/7.

### EVENING

- 610 HJKL over 2FC 0605 19/7. RCh
- 620 US with SSB by flute s/off 0506." RCh
- 625 SS up & down 0445-0458. (Radio Omega likely. Millon to 1560) RCh
- 675 Sonora vg 0525 29/6. RCh
- 910 KRIO peaking good 0608-0625, 21/7 " SS Mexican 0535 with KNEW/KJJJ. RCh
- 950 XEGM regular 0605, Yankee Doodle theme tune. BC
- KPRC fair with full id 0600. BC
- 990 Medellin vg 0610 "Aqui Colombia" PO

1030 KTWO very good 0530 15/7. RCh  
 1034 Lisbon fair 0435 25/7. RCh  
 1075 TIFC 0515-0528 QRM KRLD. PO  
 1080 KIOE good, dominant 0550. RCh  
 1110 KFAB dominant 0530. RCh  
 HJEW Reloj good, many ids 0440."  
 1130 KWKH mixed 2ZM 0450 29/6. RCh  
 1170 Unid SS off 0501. Venezuelan? RCh  
 1223 Vidin, Bulgaria fair 0435. RCh  
 1260 KGIL in SS till 0530, then EE."  
 CFRN good 1015 13/7. RCh  
 1320 KXYZ fair 0458-0508 15/7. RCh  
 1295 0500 YNOO Radio Plata ex 1290  
 with new slogan at s/off. RCh  
 1330 Radio Vigia exc 0530-0600. PO  
 1450 SS Mexican quite fair 0510. RCh  
 1466 Monte Carlo musical box i/sig  
 0427 25/7. RCh  
 1520 Radio Reloj, Peru fair 0420. RCh  
 1535 SS good at times 0443-0457 5/7.  
 "...Caracol..Radio Safica..Este  
 Rico Cafe Granados en..capital-  
 es..la Voz.." Who? RCh  
 1540 ZNS Bahamas good 0345 12/7. RCh  
 1600 KCRG fair-good mixed 0445. RCh  
 WXVI quite good 12/7. Numerous  
 calls. (New call ex WAPX) RCh  
 Melodia always good, esp Suns RCh  
 1605 Unid weak with choir singing  
 1010 13/7 on NE & E beverages,  
 but not on NW beverage.  
 Philippino? RCh

**CONTRIBUTORS:** Ray Crawford, Robin  
 Chambers, Paul Ormandy, Bryan Clark.

UNIDENTIFIED Latin on 1380kHz in SS  
 to s/off 0431 on 9/7. Signs off with  
 anthem and call like 'Radio Tiempo'  
 or Radio Ciempo. Ideas? DL

**BAY OF PLENTY DXPELITION 25-31/7/76**  
 by Bryan Clark & Chris Martin.  
 Equipment: Eddystone 680X, Drake SPR  
 -4, Barlow Wadley XCR30, 1 metre  
 loop, 100ft longwire to NNE.

540 CBK Bluegrass music 0630.  
 XEWA classical mx past 0740!  
 545 Radio Jumbo, Dominica s/on 1001  
 & f/out 1017. FF talks, poor.  
 560 Fiji good all day, 710 poor.  
 580 Tuvalu fair into EE 0815.  
 590 CMW Latin rhythms, vg 0420.  
 Sutatenza, Medellin poor 0947.  
 595 Radio Dominica 0956-1015 27/7  
 ident & toothpaste commercial.  
 605 Huancavilca fair 0700, 0950.  
 610 HJKL Nueva Granada 0621, 0943.  
 620 SSB by flute 0508 thru another.  
 Nuie with RNZ Evening Report/  
 640 KFI mixed 4YW 0605. (0620  
 670 Noumea good all day in FF.  
 Unid Latin to s/off 0603.  
 KH01 poor 1130-1235. WMAQ 0603.

5675 Sonora vg off 0601, fair 1130.  
 680 KNBK talk show 0550.  
 683 RNE Sevilla good, steady 0541-0609.  
 700 TIHB Reloj good 0541-0605.  
 725 Surinam in Indonesian & Dutch 0858  
 -0939, poor.  
 Unid Latin poor here 0620. TILX?  
 730 HJCU Melodia fair 0652-0712.  
 735 Melodia, Ecuador ident 0557.  
 740 KTRH weather forecast 1040.  
 770 HJKH Tequendama vg 0545.  
 775 Latin 0609-0659. No id hrd. TIW?  
 790 KKON vg 0550. Religion, Sundays.  
 800 PJB EE fade-in 0345. Equal 2YB 0528  
 834 Belize regular, poor, off 0510.  
 870 WWL dedications, good 0535.  
 880 KRVN with news, mixed NZ 1000.  
 900 XEW good 0515, NZ looped.  
 910 YVRQ Aeropuerto pops, good 0515.  
 945 HRYW Panamericana fair 0712-0807.  
 960 HJHN Sutatenza s/on 0859 thru NZ.  
 963 Unid Indonesian good 1215.  
 970 KOIN ident 1200 mixed Korea.  
 XEDF Radio Cuatro ident 1205.  
 973 Loud RRI here with ident 1336.  
 975 Unid Latin from 1000. TIRS?  
 990 KKIS good 'Nitecap' talkshow 0725  
 XET dominant 1055. /& 1215

1030 VQO fair 0930 in Aussie null.  
 XEQR with ident 1202.  
 1035 4VEH gospel music, fair 1007.  
 1045 SS here 1015. Suspect Panama.  
 1055 Voz del Centro always here, allnite  
 1070 KNX trouncing 12B 0925.  
 1075 Unid 'Radio Reloj' 0815-0921. Who?  
 1080 KSCO nx, wx, sports, good 0604.  
 1085 HROD Aeropuerto regular, good 0430  
 1090 YV-- anthem at s/off 0458.  
 YVSZ Exitos EE pops past 0540.  
 1110 HJEW Reloj at 1005.  
 KFAB Nx over KRLA pops 0531.  
 1150 XEJP Variedades strong 0700.  
 1155 YSCF El Salvador good off 0527.  
 1160 KSL over NZ 0645.  
 1170 KLOK & KBCQ mixed thru 2CH 1130.  
 1175 Unid Asian good at 1155.  
 1180 YVNJ Petrolera ident 1030.  
 1188 TGT Sonora fair, off 0458.  
 1223 Carrier here 0500, Vidin, Bulgaria?  
 1225 TIPJ Victoria fair 0411 regular.  
 1230 Calidad, Colombia regular 0530.  
 1232 Unid FF often 0520-0605. Morocco?  
 1270 CMJG Relogio good 0445. Nx, pips.  
 1300 KMPS with Aussies null 0815.  
 1330 KFAC classical mx, fair 0540.  
 HJAD. Vigia & Todelar ids 0640.  
 YV-- Radio Vision net 0907-0921.  
 Unid Mexican here 0633.  
 1380 XECO distinctive jingle 0508 vg.  
 KTOM dominant 0715, C&W music.  
 1390 KCEY news 0632, good.  
 1421 Vila strong het against 120, all  
 evening. Best at 1000 s/off in FF.  
 1450 HJ-- Radio Galeon, regular 0615 vg.

- 1520 KXYI best after 2<sup>nd</sup> off 1300.
- 1525 TIJJC Columbia fair 0454 & 1114
- 1535 Unidentified here 1110.
- 1540 ZNS1 "Midnight News", good 0403.
- 1546 Carrier here 0445. Ditto 1466.
- 1555 DYLA good in Tagalog from 1005.
- 1570 XERF dominant 0330 thru to 1050
- 1575 Chinese here 1048, fair.
- 1580 KDAY rock powerhouse 0810.
- 1600 KCRG fair 0614 with pops.

PACIFIC ASIAN REPORT

GUAM KUAM Agana, presently on 610kHz, requests a move to 630kHz with 50kw fulltime power. NRC

ISRAEL The Israeli Government plans to operate a station from August in direct competition with the popular offshore station "Voice of Peace". Called "Gal-a-Hit", it will broadcast 24 hours a day with rock & pop music, using 200kw on 539kHz from Ramallah. Gary Day SCDXers

SRI LANKA New stations are Amparai in Eastern Sri Lanka on 860 with 10kw, and Jaffna, North Sri Lanka 990kHz 50kw. SLBC reports should be addressed to Mr Lal Herath, Superintending Engineer - Transmitters, SLBC, Torrington Square, Colombo 7. UADX

BANGLADESH The 1000kw transmitter at Banglabhavan, near Dacca (690kHz) was formally inaugurated on 15 May. A 10 kw station has been opened at Khulna, but an increase in output to 100kw is already planned. 100kw outlets for Chittagong and Rajshahi are also being built. Sylhet will have a 20kw MW transmitter. BEC MS (c)

AUSTRALIA 2BE 1480 hopes to move to 1040kHz with 5kw by the end of 1976. Chris Martin

Submissions have closed for the Committee on Broadcasting in Australia. Areas likely to be considered by the Government are ways of funding the increasingly expensive ABC, and how to regulate new forms of broadcasting - public non-profit radio & cable TV. On ABC funding, the options seem to be the return of licence fees, reduction in the scale of ABC operations, or the acceptance of advertising. The Government is likely to support any expenditure cuts proposed for the ABC as it considers the Service extravagant & biased against the government. Newer forms of broadcasting may be worst hit in any cutbacks - the Post & Telecommunications Commission was and remains hostile to the introduction of FM and apparently is still hostile to any extension of MW broadcasts. via Bruce Williams

NEW ZEALAND. A Concert Service relay for the Hawkes Bay area is receiving consideration.

Radio U, Christchurch - QSLs are still under action, so don't give up yet. Mine received 6/8. Nice too! EC

What's the Time ?

Exclusive to the Times, the latest in Summer Time/Standard Time moves.

19 SEP Malta reverts to Standard T.  
26 SEP France, Spain, Canary Is, Spanish Morocco, Italy, Portugal & Cuba all revert to Standard Time.

1 OCT Albania & Lebanon to Standard Time. Paraguay goes onto Summer Time.

10 OCT Greece and the Greek sector of Cyprus to Standard Time. Easter Island to Summer Time.

17 OCT Hong Kong to Standard Time.

24 OCT UK & Ireland revert to Standard Time.

31 OCT USA, Alaska, Canada, Jamaica Bermuda, Turks & Caicos Is, Baha California (Mexico) all revert to Standard Time.

NZ and Australia go on Summer Time. NZ will be GMT +13. New South Wales - GMT +11. Sth Australia - GMT +10½. Victoria - GMT +11. Tasmania - GMT +11. Queensland, Western Australia & Northern Territory remain on Standard Time.

1 NOV Turkey and the Turkish sector of Cyprus on Standard T.

JORDAN & SYRIA will revert to GMT+2 on either 26 August or 1 September.

MOROCCO officially reverts to GMT on 1 October but late info suggests the change from Summer Time to be 22 Aug.

DOMINICAN REPUBLIC & CAPE VERDE IS. are both currently on Summer Time. Termination dates are not known but likely to be 31 October & 26 September, respectively.

The USA may get a one-month extension of Daylight Saving Time in future years, if a bill, currently under consideration, is passed. An extension for NZ is also possible.

### LATIN AMERICAN VERIE SIGNERS

Results to date of a bumper L.A. season on medium-wave.

HJAR 1270 Efrain Arce Aragon  
Gte Nac. de Producción.  
HJEW 1110 Joseph Hernando  
Jimenez Rodriguez, Locutor.  
XEPR 1480 Juan Vazquez  
Gutierrez  
HJDL 1140 Gilma Velasquez de  
Aristizabal, Director.  
YVJR Melodia 1600 Dr Wilfred  
Faroh Richa, Presidente.  
Union 880 Fernando Gonzales  
del Campo, Director-Gerente  
XEPOP 1490 Rodolfo Flores  
Beristain, Gte de Operación.  
TIPJ 1225 Emilio Piedra J.,  
Presidente y Gte General.  
XEHL 1010 Guillermo Ramos R.  
Director de Producción  
all above credit RC  
TIJC 675 Hernan Alvarado R.,  
Administrador-General. SB  
HJKH 770 German Tobon Martin-  
ez, Gerente. BC  
Belgrano 950 Maximo Koelble,  
Gerente Technico. BC

### BOOK REVIEW - SWEDISH RADIO CLUB'S "SW LIST"

We have just received the 1976 edition of SRK's annual publication, the "Shortwave List" and consider this book a useful addition to the keen DXer's bookshelf.

Main content is a 58 page list of all shortwave stations except Moscow and Peking, in frequency order, with transmission times in graph form. (like BBC 'London Calling' method) Secondly, there are 9 pages of statistics listing QSL totals by country and station, as received by members of 14 major European DX clubs in 1974/75. This enables keen DXers to determine the relative rarity of QSLs from a certain station, and therefore their own chances for a reply. There is also a sample English/Spanish report form and a reprint of a DX Times article on reporting standards. Most of the remaining 22 pages are in Swedish.

This interesting volume can be obtained from the publishers, the Radio Club of Sweden, P.O.Box 5083, S-10242 Stockholm, Sweden. Price for surface mail is UK£1.35 or 8 IRCs. Our estimate of the airmail price is 10 IRCs. BC

### DOWN UNDER DX SURVEY No. 5/1976 NOW OUT!

If you're a keen DXer, interested in the lower frequencies and stations in the Asia/Pacific area, then we strongly recommend that you order a copy of the DUDX Survey. The latest edition, released 27 June contains:-

An Indonesian Survey (3400kHz-15300kHz)  
Band Survey 1750kHz to 3400kHz  
In-depth feature articles on broadcasting in Mongolia and Timor, and a background on the New Hebridean clandestine Radio Tanafo.

The 14 page cyclostyled survey is available to serious DXers for 40 cents in Australian stamps or 3 IRC's, airmail to NZ. Write to Down Under DX Circle, 17 Stevenson Street, Kew, Victoria, Australia 3101.

## RAMADAN

The Moslem holy month of Ramadan begins this year on 27 August. During the ensuing month, radio stations in the Moslem world are often heard on extended schedules, and in this part of the world we can expect to hear Indonesian stations running all night in the tropical bands.

### market square

FOR SALE: 75cm collapsible spiral mediumwave loop aerial, complete, for \$15 & postage. Write to Arthur Williams, Box 692, Invercargill.

BROADCAST DX (late arrivals)  
Bruce Cavanagh has logged 4WK 960 and verified 5AA 1390.  
Merv Branks admits a 3rd month without any loggings, a situation which has only occurred once before since 1929. QSL in: DWRP. Best wishes Merv!  
Arthur Williams has QSL'd KJJJ, 2XW, 3XF and JOER. Graeme Hammond out 7SD, Fiji 810. In 2PK, WN, Fiji 640.

## LISTINGS BY CONTINENTS

It's time for our twice-yearly listing of your verification totals broken down into continental groupings - let's have your's next month in the following order: Australia/NZ, Oceania, South America, North America (includes Central America), Europe, Africa, Asia, Total Countries verified, total QSLs and your best QSL from the continent of Africa. Those with AFAN Antarctica verifications should indicate these separately. See April Times for layout.

Division	Jun	Aug	Inc	Cnt	Division	Jun	Aug	Inc	Cnt
<u>GOLD STAR(over1250)</u>					<u>GOLD STAR(over 1250)</u>				
Norman Maguire	2858	-	-	-	Arthur Cushen	4273	4297	24	228
Arthur Cushen	2207	2209	2	141	Dene Lyaneberg	1976	2022	26	185
Merv Branks	2090	2091	1	132	Ray Crawford	1260	1268	8	143
Keith Robinson	2056	-	-	110	<u>GOLD ACE(1001-1250)</u>				
Laurie Boyer	1270	1280	10	-	John Mainland	1236	1249	13	173
<u>GOLD ACE(1001-1250)</u>					Ray Babbage	1205	1205	-	121
Ray Crawford	1043	1058	15	122	Bryan Clark	1074	1085	11	165
<u>SILVER ACE(751-1000)</u>					John Durhan	1052	1071	19	122
Eric McIntosh	908	-	-	84	Hans De Jong	1005	-	-	89
Sutton Burtesshaw	-	849	-	90	<u>SILVER ACE(751-1000)</u>				
Robin Chambers	-	824	-	-	Bill Huddleston	973	977	4	116
<u>ACE (501-750)</u>					<u>ACE(501-750)</u>				
Dene Lyaneberg	679	686	7	82	Lindsay Robinson	723	723	5	115
Graeme Shillite	624	-	-	64	Jack Searle	685	706	21	99
<u>SENIOR(301-500)</u>					Laurie Boyer	632	638	6	107
David Riequish	488	-	-	47	Eric McIntosh	612	-	-	110
Chris Martin	470	481	11	120	Des Davey	608	-	-	-
Paul Aronsen	414	-	-	-	Keith Rogers	-	556	-	110
Ray Babbage	391	391	-	30	<u>SENIOR(301-500)</u>				
Hank Wilkinson	387	-	-	69	Paul Aronsen	500	-	-	-
Bryan Clark	371	375	4	72	Jim Benzoni	438	451	13	88
<u>INTERMEDIATE(151-300)</u>					Austin Hadler	410	-	-	69
Lance Johnston	-	277	-	-	Daryl New	404	-	-	94
Paul Ormandy	244	256	12	37	Lance Johnston	-	391	-	-
Jim Benzoni	-	237	-	22	Alan Robson	373	-	-	74
Alan Robson	207	-	-	28	Paul Ormandy	339	368	19	93
Lindsay Robinson	201	202	1	25	Bruce Cavanagh	332	339	7	86
Sinclair Bennett	193	-	-	10	Steven Greenyer	306	-	-	117
Des Davey	168	-	-	-	<u>INTERMEDIATE(151-300)</u>				
<u>JUNIOR(51-150)</u>					Paul Rawdon	271	300	29	88
Jack Searle	144	162	18	18	Cecil Symes	257	280	23	66
Ash Nallawalla	142	-	-	17	Beb Boundy	251	-	-	58
Paul Rawdon	126	135	9	17	Jonathan Aitchison	243	-	-	62
Bruce Cavanagh	122	123	1	19	Bill Vogel	217	234	17	99
Gay Johnston	-	115	-	-	Jack Farrow	223	-	-	46
Andrew White	114	-	14	13	Michael Smith	218	-	-	55
Michael Smith	114	-	-	8	Brent Allred	168	211	34	36
Gavin Bennett	107	-	-	18	Paul Edwards	184	196	12	91
Philip Brooks	104	-	-	13	Wyn Machon	162	196	24	57
Graeme Hammond	97	100	3	11	Brian Molloy	181	-	-	47
John Allochis	74	80	6	6	<u>JUNIOR(51-150)</u>				
Philip Hope	70	-	-	10	Ian Wells	121	-	-	56
Stuart Forsyth	60	-	-	5	Gary Butler	118	-	-	58
David Felden	59	-	-	8	Alex Wellner	114	117	3	68
<u>NOVICE(1-51)</u>					Graeme Hammond	109	110	1	27
Jack Farrow	50	-	-	4	David Feldon	95	-	-	27
Steven Greenyer	41	-	-	23	Gay Johnston	-	94	-	-
Bruce Officer	32	-	-	-	Peter Mott	61	80	19	35
Alex Wellner	14	15	1	3	Ian Cattermole	-	67	-	26
Brent Allred	-	20	-	2	Andrew White	60	-	-	27
Ian Cattermole	-	81	-	10	Ash Nallawalla	60	-	-	31
<u>NOVICE(1-51)</u>					<u>NOVICE(1-51)</u>				
Jack Farrow	50	-	-	4	L Missen	49	-	-	-
Steven Greenyer	41	-	-	23	Bruce Officer	26	-	-	-
Bruce Officer	32	-	-	-					
Alex Wellner	14	15	1	3					
Brent Allred	-	20	-	2					
Ian Cattermole	-	81	-	10					

RAY BABBAGE

Greetings to new member Ian Cattermole  
my apologies for you being on the  
bottom of the list. Also good to see  
Brent Allred in the BC section.



# Shortwave Mailbag

with Tony Marr

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Another good month, with plenty of good QSLs coming to hand. It's pleasing to see replies now coming back from Radio Manus, and further replies from Tanafo. Also, Bryan Clark reports having logged Mozambique for 5 consecutive nights to make up a good report; and has been surprised to receive 5 QSLs in reply, all separately mailed. So for those of us wanting Mozambique, the time would seem ripe - try 9620kHz around 0545GMT. Now, to the QSLs received this month,

LINDSAY ROBINSON Invercargill is pride of place this month with QSLs from RA 7215 and Congo 4845 for country 115. Very good, but you need more or the postie will get bored.

JOHN CAMPBELL Newcastle writes to us for the first time, and reports QSLs from Goroka 2410 Belize 3300 Ranchi 3305 AIR Kohima 3268 Manus 3905 Ambon 4845 Conдор 6207. A good list, John.

IAN CATTERMOLE Blenheim has a big lot with NHK 15195 9670 DW 17825 BBC 6110 11980 VOA 6190 RA 9695 9570 Sweden 11735 VLQ9 9660 Peking 7155 Praha 5930 Singapore 5052 Paris 7135 DZF2 11920 West Highlands 2450 East N. Britain 3385 Central Papua 3290 East Sepik 3335 asking for more reports from New Zealand.

BILL VOGEL Adelaide has 4 away, and QSLs from RNE 11880 Ambon 4845 Algeria 11810. Ambon is in the Celebes and Moluccas, Bill.

RON JAMES Wellington begins his comeback with replies from Menado 5990 and TWR Monte Carlo 6215. Ta.

JOHN DURHAM Meremere has 12 out, and answers from Tanafo 3975 AWR Malta 9635 DW Malta 11865 AIR Bhopal 3315 ORF 11745 RA 15415 Cayenne 3385. Some nice ones there.

KEITH ROGERS Lower Hutt has 20 out, QSLs from Morobe 3220 Paris 7135 IBA 7412 NHK 9675 Malaysia 9750 RN Bon 6165 CBC 9650 VLI6 6090 RA 15415 11780 Thanks Keith, you've been busy.

DENE LYNNEBERG Wellington has 15 out, and a couple back from FEBA 11810 and 15270. Yes, hope I have more luck with Tay Nguyen.

CECIL SYMMES Wellington has had success with NHK 15270 RSA 4875 RBI 6040 Tirana 7065 and HCJB 17755. Thanks.

PAUL ORMANDY is next up with 40 out, and QSLs from Kigali 15410 21540 Bon 11925 Sines 7130 ETLF 11800 Kenya 4915 ORF 6000 ELWA 4770 4 from IBA VOA Mon 3990 FEBA 11810 Belize 3300 YVNK 4900 YVMS 4880 FEBC 17810 Congo 4765 and 6 from Carnarvon. You've been pretty busy, too.

ARTHUR CUSHEN Invercargill has them back from Vatican 6105 Veritas 15280 Rabaul 5985 Budapest 5965 RSA 4875 Bucharest 7225 Sweden 6120 Vatican 11835 PRC5 4855 ORF 11745 11860. Ta.

JACK SEARLE Haumoana has 26 away, and a good lot back, FEBA 11810 15270 NHK 5990 11815 Singapore 9635 RN Bon 15320 ORF 15435 Oslo 11860 Tashkent 6025 9540 Sweden 9605 FEBC 6030 RA 11725 11870 6045 BCC 11825.

BRIAN GALL Palmerston Nth has QSLed HCJB 9560 Athens 7215 AWR Malta 9635 IBRA Malta 6035 FEBC 15390.

ARTHUR KINDELL Levin, has had the flu, but has sent 8 away, and has a loner back from Qatar 9570. I hope your QSLs come back, and the flu doesn't.

PAUL EDWARDS Wellington has heard from VQ05 5020 Lagos 15120 Austria Army 6221 Belize 3300 TGNC 3300 and Kenya 4885. You're coming along well.

JOHN MAINLAND Wellington has 3 back from Mozambique 9620 Algeria 11910 Malaysia 9750. You should have stayed on at Quartz....

WYN MACHON Invercargill has a good list, YVNK 4900 Bon 15320 SBC 9535 VOA 21610 Cuba 11930 NHK 9530 9605 BBC 7325 Luxembourg 6090 RA 15240 15160 15140 9580 6045 17870 Ghana 4915 and Poland 7270. A good bunch.

ROSS GIBSON Christchurch has 4 back from VQ05 5020 HCJB 6130 IBA 7412 RSA 4875. Good to hear from you.

continued

ALBY WELLS Sydney has 1 out this month, and QSLs from Sweden 4695 RBI 11890 SBC 11950.

JIM BENZONI Hamilton has 7 away, with QSLs from SBC 9590 BBC Asen 7105 for country 88, and Peking 7035. You'll soon make the century.

BILL HUDDLESTON Auckland has been busy with 25 out, and answers from V. of Hope 9635 IBRA Malta 6035 RA 11725 9510 ORF 17840 RNE 11880 RSA 4875 Vatican 7235 FEBA 15270 Peking 9380 WYFR 15110. Good.

PAUL RAWDON Lower Hutt has 7 out, and QSLs from RN Talata 7285 Hanoi 10040 VOA Col 11740 Algeria 7245 for QSL number 300. Very good.

RAY CRAWFORD Invercargill has 7 out also, and replies in from RA 9530 PRG5 4855 Cayenne 385 for country 143. Soon be up to 150.

BRYAN CLARK Wellington has 3 out, and QSLs from RA 9540 Qatar 9570 Manus 905 Mozambique 9620, the last 3 all being new countries.

MASAMI ONIZAWA Japan has QSLed RN 9715 11740 TWR Swazi 9590 Cuba 9525 Lagos 15120 Aden 11770 TWR Monaco 11835 Veritas 15270 Budapest 17715. Some good ones there, Masami. More next month.

### BEST OF THE MONTH

#### OVER 9 MHZ

FEBA 15270khz 25kw

Jack Searle

#### UNDER 9 MHZ

AUSTRIAN ARMY 622khz 1kw

Paul Edwards

PETER GREENER Auckland has veries from VLR9 9680, Peking 7035, 9580, AWR Malta 9635, V.05 5020, Moscow 9500, NHK 9670, Seychelles 15270, TWR Bonaire 11925. Ta.

BRUCE CAVANAGH Invercargill has had a busy month with 20 reports out and QSLs from Noumea 3355, AIR 15335, FEBC 9715, RBI 9755, NHK 11815, RNZ 11780 & DW Werchatahl 9735.

#### BANDWATCH CONTRIBUTORS FOR AUGUST.

RC Ray Crawford	DL Dene Lynneberg
JM John Mainland	PO Paul Ormandy
AK Arthur Kindell	LR Lindsay Robinson
PE Paul Edwards	BH Bill Huddleston
AC Arthur Cushen	JB Jim Benzoni
JS Jack Searle	BCA Bruce Cavanagh
EC Bryan Clark	JD John Durham
RG Ross Gibson	TM Tony Marr
BG Brian Gall	PR Paul Rawdon
BV Bill Vogel(Aust)MO Masami Onizawa	

THANKS TO EVERYONE!

(Japan)

#### SERVICE CUTBACKS AT

WWV and WWVH.



Radio New Zealand, Radio Australia, and now the standard time and frequency stations WWV/WWVH have been hit by economy measures. On 1 July, the 18mins past the hour announcements re solar activity, ceased. Many keen DXers found this information valuable in determining day to day variations in solar & geomagnetic activity, giving a guide to prevailing and future conditions on the bands. Now there is news that the 14mins past the hour propagation forecasts will finish at the end of September! Usefulness of these 2 services is illustrated in the 1976 WRTVH article 'Do-it-yourself Propagation Forecasting' on page 44. If you used these services, register your concern NOW. The 18mins solar/geomagnetic figures came from Space Environment Lab, ERL, National Oceanic & Atmospheric Administration, Boulder, Colorado 80302. The person to write to re dropping the 14mins propagation forecasts is Mr Douglas Crombie, USDOC OT/ITS, 325 Broadway, Boulder, Colorado 80302, both in the good ol' USA. info via NASWA HOTLINE

AUSTRALIAN DXPELITION: Member Dick Whittington and his wife Noel (visitors to NZ for Convention 76), recently DXed from Flinders, about 70 miles south of Melbourne. The location was bounded by sea on 3 sides and free of noise. Reception conditions varied considerably but some interesting loggings were made including: Bangui 5038 at 2240, RRI Jakarta 11790 in EE 2330, Ghana 4980 in EE 2245, Gwelo 4828 2036, SABC 4810 2130 in EE, Angola 4820 in PP 2250, Ghana 9545 in AA 2040, tentative Guinea Bissau 5040 in PP 2012, Radio Malaysia in Malay 2340, Zambia 4910 at 1920. Thanks Dick! Sounds like a good DX spot and plenty of fresh air too! Regards to you both from your Kiwi friends.

# SHORTWAVE BANDWATCH

coordinated by John Mainland

In Bandwatch this month, Ray Crawford reports a new Peruvian on 3385kHz and a new Brazilian on 4935kHz. Africans are still being well heard, with many reporting Malawi on 3380kHz. Paul Ormandy notes Finland's new 250kw transmitter on 11755kHz. Arthur Cushen is again hearing Radio Tanafo in the New Hebrides, this time on 3990kHz. Dene Lynneberg and Paul Edwards submit excellent lists, including Uganda 6030, Oman 6174 and the Israel Defense Forces Station on 2442kHz. On the higher frequencies, Radio Sofia has a new service on 9560kHz.



ALL TIMES IN G.M.T. FREQUENCIES IN KILOHERTZ + OVERSEAS CONTRIBUTOR

FREQ	TIME	COUNTRY	STATION	PROGRAMME & RECEPTION DETAILS	INITS
1750	1030	AUSTRALIA	VL2UV University of New South Wales	strong in EE to sign-off 1100.	JB
2340	1850	PAPUA NEW GUINEA	Radio West New Britain	test music till opening at 1900. AC. 1105 poor signal in Pidgin.	BG
2442	1946	ISRAEL	Galei Tsahal (Israel Defence-Forces Station)	Tel Aviv hrd at weak level with light music prgm including Beatles. Timepips at 2000 with anncts in Hebrew then news. First time ever hrd in NZ. Taped report sent. Unfortunately reception was somewhat noisy. DL. 1758 poor in Hebrew with talks. PE TM	
2468	1855	PAPUA NEW GUINEA	Radio Northern District	opens 1900 Pidgin/EE.AC	
3165	1458	INDONESIA	Kota Madya, Surabaya.	piano mx till 1500 then news and time check in Indonesian.	PO
3205	1400	INDONESIA	Bandung station	annct. Radio Republik Indonesia.	AC
3232	1940	CONGO	Brazzaville fair in FF with jazz mx prgm.	Hrd till tune-out 2030. DL 1943 Eisted 4kw in FF with ident 1944 'Ici Brazzaville'. Noisy reception, logged till 2023.	PE
3250	1915	SOUTH AFRICA	Springbok Radio	poor copy in EE 25/7. PE. 1856 EE.	FR
3285	1844	SOUTH AFRICA	SABC English Service	very poor due teletype.	FR
3300	0446	BELIZE	Radio Belize	mx,nx,devotions,weak.AK.Poor EE nx 0500.	JD
3315	0959	MARTINIQUE	Fort de France	poor with tuning signal, sign-on & Caribbean music.	JD
3316	1916	SIERRA LEONE	Freetown	talks,mx,weak.AK.2115 poor/fair in EE.	BV+
3320	1855	SOUTH AFRICA	SABC Afrikaans Service	Fair.Splatter Bougainville.	PR
3330	0640	PERU	Unid station	believed Ondas de Huallaga.Fair in SS till s/off 0647. No anthem but much Inca lute mx. Id hrd as"...Radio...Huancuco..." Uses 'El Condor Pasa' theme at s/off.Severe het.DL	RC
3355	0355	VENEZUELA	Radio Impacto	good at s/off at this time.	DL
3355	0000	NEW CALEDONIA	Radio Noumea	fair in FF. Also at 2145 good.	
3360	1845	PAPUA NEW HEBRIDES	Radio Milne Bay	testing with mx.AC. Other 90m P-NG's 3220 Morobe fair in Pidgin at 2044.BV+ 3245 Kerema with nx,mx fair 1918.AK. 3260 Madang fair 2008 BV+ 1921.AK. 3290 Radio Central 1134 to 1200 s/off,good.JB. 3275 Radio Highlands good at 1930.AK. 3335 East Sepik good 0725 but qRM from CHU Canada on 3330.	PO
3380	1756	MALAWI	MBC Blantyre	with mx, EE nx 1800. PO RG1825 fair with EE Nx. JD. 1940 Mx and nx,fair.AK.2005 Talks in Chichewa.BV+ 2100 often fair in EE at this late hour.DL.2124 poor in EE,better earlier.PE	
3385	1930	PAPUA NEW GUINEA	Rabaul	mx,nx,very good. Also hrd Milne Bay at 1920 on 3360, wewak 3335 also vg at 1900.	AK
3385	0245	PERU	La Voz del Valle del Mantaro, Jauja	fair-good signals with numerous idents.Fairly regular. A new station?	RC
3396	2050	RHODESIA	Gwelo	still fair in EE.Audible 2110 10/7.BC.1942 fr.AK	
	2000			Like a local some days with news in EE.	TM

<u>FREQ.</u>	<u>TIME</u>	<u>COUNTRY</u>	<u>STATION</u>	<u>PROGRAMME &amp; RECEPTION DETAILS</u>	<u>INITS</u>
3433	1518	INDONESIA	RPDK Kediri	good with puppet show & occasional ids.	<u>PO</u>
3482	1538	INDONESIA	RKPDK Radio Tingkat II	fair with ident 1545 then mx till 1600 s/off with anthem. Listed 110 watts!	<u>PO</u>
3905	0752	ADMIRALTY ISLANDS(F-NG)	Radio Manus in Pidgin.	EE NBC nx 0800, fair.JS. 0830 Pidgin nx,vg. TM. 0827 nx,mx,idents fair-good.	<u>BV+</u>
3952	2152	GREAT BRITAIN	BBC s/on with Bow Bells.	WS Nx 2200, good.	<u>DL</u>
3955	1710	SOUTH AFRICA	SABC	good in vernacs(Afrikaans,Ed)	<u>PO</u>
3965	0503	SOUTH AFRICA	SABC English Service	with wx,good & clear 11/7.	<u>BC</u>
3980	0500	SOUTH AFRICA	Springbok Radio	good, no sign of VOA Munich. 0510 in EE with wx news,good. 3965 fair.	<u>BC</u> <u>PE</u>
3985	2200	SWITZERLAND	SBC Beromunster	fair signal with FF programme.	<u>DL</u>
3985m	0330	UNID	Voice of America tx	good with 'African Safari' in EE. Much better than Munich 3980. Nothing on 3990 so perhaps Monrovia but not on air 0500. 26/7.	<u>BC</u>
3989	1800	CYPRUS	BBC fair with WS Nx	in EE from East Mediterranean Relay.BH 1750 fair with sports.World Nx 1800. PE 1756 fair with het.	<u>BC</u>
3990	0855	NEW HEBRIDES	Radio Tanafo	now here, till closing 0900.	<u>AC</u>
3995	1800	SOUTH AFRICA	Radio RSA	poor at s/on in FF //4875 fair.BH. Hrd under DW Cologne at 0427.	<u>PO</u>
4719	1355	INDONESIA	(Celebes & Moluccas)	RRI Ujung Padang exc in II. Local nx 1400. T/c's,ids & wavelengths often announced. Noted 0928 till 0938 apparently testing, not due till 1230.	<u>BV+</u>
4738	0310	BOLIVIA	Voz de Riberalta	fair-good. Some days is excellent.	<u>RC</u>
4740	1640	MALDIVES	Radio Maldives	fairly good in EE with slight het.	<u>DL</u>
4770	1909	LIBERIA	ELWA	strong with EE nx. PE. 1930 talks,weak.AK. 2138 fair in EE. Reception path via Antarctica,up Atlantic to Liberia.	<u>DL</u>
4777	0517	GABON	Libreville	poor-fair with music & FF anncts.	<u>JD</u>
4790	0530	PERU	Radio Atlantida	always good. Sign-off 0600.	<u>RC</u>
4790	2025	SWAZILAND	TWR Manzini	with EE rlg prgms. PE. 2030 fair, noisy.	<u>DL</u>
4790	2059	INDONESIA	(Irian Jaya)	RRI Fak Fak s/on 2100 fair level.	<u>DL</u>
4804	1744	KENYA	Nairobi	EE service fair, telegraphy QRM. EE News 1800. 1830 EE news after music prgm, poor.	<u>DL</u> <u>PE</u>
4810	1040	VENEZUELA	Radio Popular	numerous idents & a good signal.	<u>RC</u>
4810	1212	GALAPAGOS ISLANDS	HCVG8	poor in SS. Bca. La Voz de Galapagos vg signal s/on in SS with mx & seagull sounds. Still good at 1249. Many idents & prgm of popular tunes. DL. TM. BC. 1213 orch. mx fair-good. AK. 1215 Seagull int/sig & s/on. Orch. mx prgms past 1315. Slight QRM later from China. PE. 1300 exc till f/out 1345 on Barlow Wadley & built-in whip. An easy log.	<u>RC</u>
4820	0417	HONDURAS	HRVC	fair with EE rlg prgm. PR. 0445 S/off annct with freqs, address, schedule in EE, fair.	<u>PE</u>
4820	0600	VENEZUELA	Radio Tricolor	fair to good with mx prgm.	<u>LR</u>
4825	2044	USSR	Radio Moscow	poor-fair in Asian lang. Int. sig & RR 2100. Baku 4785 poor-fair in RR 2143 till s/off 2200.	<u>BCa</u> <u>BCa</u>
4830	1911	GABON	Franceville	with talks in indig. lang & FF. Peaking good. 2000 fair-good in FF. Not hrd daily, but quite loggable when here.	<u>BC</u>
4845	2123	MAURITANIA	Nouakchott	poor in AA with music prgm. PE	<u>DL</u>
4853	0417	BOLIVIA	CP66 Santa Cruz	full ident at sign-off.	<u>RG</u>
4855	1337	INDONESIA	(Sumatra)	RRI Palembang with spoken prgm in II.	<u>PE</u>
4860	0515	PERU	Radio Chincaycocha	always good. RC. 0530 EE pop music.	<u>LR</u>
4860	0015	USSR	Radio Moscow	fair in EE. Transmitter location unknown.	<u>DL</u>
4871	0949	INDONESIA	(Irian Jaya)	RRI Sorong good with EE/II lessons. 4872 fairly good 2141. Indonesians not often hrd this time.	<u>BH</u> <u>DL</u>
4875	1545	SOUTH AFRICA	Radio RSA	good in African lang. EE 1600. Hrd right thru to end of 2100 EE tx at 2150. DL. PE. 1735 strong. RG. 2000. MO+	<u>RG</u>
4875	1132	BOLIVIA	CP75 La Paz	religious prgm in SS. Fair signal.	<u>RG</u>
4875	0430	SOUTH AFRICA	Radio RSA	now in EE to s/off 0456, anncing //3995. News 0446. Noted Sunday 18/7. Not known if regular sked.	<u>BC</u>
4883	0130	WEST GERMANY	DW s/on	good in SSB. Feeder, probably to Canada.	<u>DL</u>
4885+	0930	COLOMBIA	Ondas del Meta	poor in SS, idents, mx.	<u>BV</u>
4885	1706	KENYA	Voice of Kenya, Kisumu	vg in vernacs. Id 1730. Nx 1800, pr. PR	<u>PR</u> <u>IE</u>

FREQ	TIME	COUNTRY	STATION	PROGRAMME & RECEPTION DETAILS	INIS
4902	2100	SRI LANKA	SLBC	Ekala on late for full moon, religious service.	DL
4907	1059	KAMPUCHEA		good with tuning signal & s/on "Thini Phnom-Penh".	JD
4910	0500	ECUADOR	Emis.Gran	Colombia fair with SS music prgm.	LR
4911	1759	ZAMBIA	Lusaka Home	Service poor due teletype. PE.2055 EE fair.	DL
4905	2140	BRAZIL	Relogio Federal	f/in. Fair-good. Earliest ever hrd. PP. DLTM	
4915	2305	GHANA	Accra	fairly good at s/off with anthem. Best African reception on 60m. DL. Also s/off at 2305 on 4980, fair signal.	TM
4925	0230	BRAZIL	Radiodif. do Taubate,	good signals, EE recordings.	RC
4935	0200	BRAZIL	Radio Sompur, Manaus.	Good signals from this new stn.	RC
4955	0219	BRAZIL	Radio Cultura de Campos	believed the PP station here to s/off 0249. Ident as 'Emisoras Brasilados'.	DL
4972	2115	CAMEROONS	Yaounde	fair in FF at this late hour. Indig.mx prgm.	DL
4976	2000	UGANDA	UBC	with indig mx. EE occasionally. Poor with het. PE.1950 fair in EE with ident 2001. Heterodyne interference.	DL
4985	0429	BRAZIL	Radio Brasil Central	good with mx prgm & FP ident.	JS
4985	1402	MALAYSIA	Penang	fair with news, mx, talks.	AK
4985	2126	INDONESIA	(Celebes) RRI Ujung Padang	good, regular at s/on.	DL
4990	0548	NIGERIA	NEC Lagos	good till f/out 0613. EE nx 0600. PO.1930 fair.	DL
5006	0421	BOLIVIA	Radio Universo, La Paz	s/off 0430, good. Full ident.	JD
5038	0447	CENTRAL AFRICAN REP.	Bangui	poor. MX, FF anncts. Latin dominant	0500.
5075	1031	COLOMBIA	Radio Sutatenza	fair in SS. MO+ 5095 good at 0150.	DL
5930	0346	CZECHOSLOVAKIA	Radio Prague	in EE with fair signal.	BG
5955	0630	GREECE	VOA Kavala	strong with Breakfast Show.	JB
5985	2110	SAUDI ARABIA	Riyadh	with Home Service prgm in AA.	JS
5995	2210	MALI	Bamako	fair in FF with indig.mx, thru BFC PP Service.	DL
6006+	0625	COSTA RICA	Radio Reloj	with ident, mx. Fair in SS. QRM RA 0800.	BV
6010	0211	EAST GERMANY	RBI vg	in SS //6040, 11785, 11840. PO.6040 SS 0345	JB BG
6015	1600	ETHIOPIA	ETLF	s/on good in EE, then Amharic. VOA QRM from 1630.	DL
6025	0010	PARAGUAY	Radio Nacional, Asuncion	fair in SS. Never hrd before at this time. Also 5965 BRAZIL Radio Guaiba good in PP 2325, ARGENTINA 5985 LRS Radio Splendid good in SS 0010.	DL
6030	1516	UGANDA	UBC Soroti	fair in EE but low het. Id 1530 then into FF. DL. 1517 poor-fair with low het from co-channel Iraq.	FE
6035	2043	MALTA	IBRA Radio	good in EE requesting reception reports.	JS
6040	0530	GREECE	VOA Kavala	relay strong with Breakfast Show.	JB
6040	2253	PAPUA-NEW GUINEA	Milne Bay	fair level in EE with school prgms.	DL
6040	1500	DUBAI	Radio Dubai	poor-fair with AA play, over heavy jamming.	TM
6065	0350	SPAIN	Voice of Spain	in EE, good signal. BG.6075 in EE 2100.	JB
6065+	0740	COLOMBIA	Radio Super	mx, plenty of ids. Still going strong 0900.	BV
6065	1256	MALAYSIA	BEC Tebrau	vg s/on in II 1300. Bca 1300 EE ident "London Calling Asia" then Indonesian, strong.	JB
6082+	0705	PERU	Radio Nacional, Lima	many ident in SS, poor. VOA QRM to 0800.	
6095	0415	ECUADOR	HCJB	quito good reception at this time.	LR./BV
6100	0425	MALTA	DW Cyclops	relay strong in GG.S/off 0430 with EE Malta id.	DL
6130	0800	USA	VOA Bethany	s/on in RR, strong over HCJB.	JB./JB
6170+	0902	COLOMBIA	La Voz de la Selva	ids, anncts in SS, mx. Fair.	BV
6174	1555	OMAN	Radio Oman,	Seeb hrd with AA prgning, fairly good level.	DL
6290	1222	CHINA	Radio Peking	poor reception in EE.	ECa
7035	0930	CHINA	Peking	in EE to Aust/NZ, good. PO.1000 good. Also 11445.	BG
7105	1450	NEPAL	Katmandhu	with EE news & comment at 1500.	AC
7110	1413	SRI LANKA	VOA Colombo	poor-fair in an Asian language.	ECa
7121 $\frac{1}{2}$	1600	SOMALI	Mogadishu	fair in Somali with indig.mx till strong QRM at 1631.	DL
7135	0228	TADHZIK	SSR Dushanbe	id at 0230. Apparently QSLs RR lang rpts only.	DL
7203	1000	NORTH KOREA	Pyongyang	with EE news bulletin.	AC /PO
7225	1223	PHILIPPINES	FEBEC Manila	fair in Indonesian. Ident at 1230.	ECa
7265	2115	EAST GERMANY	RBI Berlin	poor in EE with Olympic news.	BH
7270	1256	SARAWAK	Radio Malaysia, Kuching	good at s/on in Iban.	JD
7285	2130	MALAGASY REP.	Radio Nederland	relay opening in Indonesian, fair.	JS
7510	1030?	VIETNAM	Tay Nguyen Foreign	Service in Indonesian //9840, exc.	TM
9009+	2000	ISRAEL	Jerusalem	good in EE with 'This Week'.	MO

<u>FREQ</u>	<u>TIME</u>	<u>COUNTRY</u>	<u>STATION</u>	<u>PROGRAMME &amp; RECEPTION DETAILS</u>	<u>INITIALS</u>
9325	0245	EGYPT	Cairo	fair in EE to Nth America //9475.Off abrupt	0259.JS
9435	0501	ISRAEL	IBA	fair in EE from Jerusalem. FF from 0515.	BCa
9515	0353	TURKEY	TRT	Ankara with int/sig & s/on 0355 //11880.	PO
9525+	0627	CUBA	Radio Havana	fair in EE to the US with nx and music.	MO
9550	2100	FINLAND	Helsinki	good in EE.JS.2102 poor due Moscow co-chan.	PR
9560	2205	BULGARIA	Sofia	with new service in EE to Asia/Pacific,poor.	JM
9560+	0517	ECUADOR	HCJB	Voice of the Andes good in EE with mx prgm.	MO
9565	0501	RWANDA	DW	relay,Kigali with EE,FF later. QRM from VOA	0530. AK
9570	1000	CANADA	RCI	in EE to Aust/NZ //5970 good over TWR in SS. Both	JB
9620	0530	MOZAMBIQUE	Radio Mozambique,	Maputo mx prgm with PP anncs. Poor but regular.F/out 0600.PR.0600 chimes,nx,poor.PE. 0511 mx prgm with frequent ids.JD.0545.TM.DL.0600 news in PP.AC.PO	
9625	1500	ROMANIA	Bucharest	in EE to Asia till 1530.Fair ex 9530.	DL JM
9625	1515	VATICAN	Vatican Radio	s/on mixed Bucharest.Ukrainian Sun.only.	DL
9630	0430	SPAIN	RNE Madrid	in SS to the Americas, strong. S/off 0500.	JB
9635	0515	USA	VOA Greenville	strong in Bulgarian,0530 Czech,0545 Polish."	
9635	1157	SOUTH KOREA	KBS Seoul	fair in Korean. Ident at 1159.	BCa
9670	0930	JAPAN	NHK	strong in EE to Aust/NZ.QRM Peking.JS.1030 s/off.	JB
9675	2200	PHILIPPINES	Radio Veritas	in Vietnamese, fair 24/7.	JM
9735	1513	RWANDA	DW	Kigali relay fair in FF with news.	BCa
9765	0134	IRAN	Teheran	in Farsi to Nth America.S/off 0230.Poor-fair.	JM
9768	1000	NORTH KOREA	Pyongyang	s/on in EE.QRM from RA.AC.1224 in EE.	JS
9780	0627	PAPUA NEW GUINEA	NBC Port Moresby	in EE & Pidgin,poor-fair, 21/7. Two days later had returned to normal 9520.	JM
9820	0750	NORTH KOREA	Pyongyang	s/on fair in EE to S.E.Asia.Exc 2105.	JS
11700	0105	VATICAN	Vatican Radio	with religious talk in EE, good.	AK
11715	1725	SEYCHELLES	FEBA	Mahe good in Farsi.PO.15325 at 1420 to Asia.	TM
11730	0730	SPAIN	RNE Madrid	earlier s/on for Aust/NZ prgm in SS, causing QRM to Radio Nederlands BONAIRE service to Aust/NZ.JM. RN - BH	
11740	2100	INDIA	All India Radio	good with EE news and 'Letter Box'.	BH
11755	2103	FINLAND	Helsinki	poor in EE to Africa. 250kw per BEC MS. 2119 good in EE till 2131.PO. 0400 poor s/on,no sign Bucharest.	JM
11770	1647	YEMEN	Aden	very good in AA, mainly music prgm.	PO./JS
11775	1010	INDIA	AIR Delhi	good signal in EE.	BG
11775	0200	SPAIN	RNE Madr	in SS to Americas, strong. S/off 0500.	JM
11780	2125	BRAZIL	RNB Brasilia	back here from 11795 since 15/7, fair in EE to Europe.JM. 2130 very good in EE.	JS
11790+	1100	INDONESIA	Voice of Indonesia	good in EE with nx and mx.	MO
11815	1304	JAPAN	NHK Tokyo	poor/fair with EE news. JJ at 1315.	BCa
11830+	0931	CLANDESTINE	(China)	Voice of Malayan Revolution fair in EE.	MO
11860	1000	SOUTH KOREA	KBS Seoul	with EE to Aust/NZ, good.	LR
11890	0258	OMAN	Muscat	fair in AA.RG.0246 good in AA with nx at 0300.	PE
12045	0500	ISRAEL	IBA	with EE nx,fair-good.FF 0515.JB.0500 very good.	JS
15105	2030	GRENADA	Radio Grenada	with cricket commentaries,very poor.	TM
15120+	1100	SRI LANKA	SLBC	good in JJ with 'Newsletter from Sri Lanka'.	MO
15120	1255	SWEDEN	Stockholm	fair in EE. Swedish news at 1300.	BCa
15215+	2008	WEST GERMANY	RFE	good in Roumanian.Id 'Radio Europa Libera'.	MO
15270	0412	SEYCHELLES	FEBA	poor in Urdu, noisy. //11810.	JS
15280	0030	PHILIPPINES	Radio Veritas	ex 15270 //11725.Severe het,mixed.	JS
15290	0800	MALAYSIA	Radio Malaysia	poor in EE, extremely noisy.	BCa
15355	2321	USA	KGEI	religious prgm in SS, very good.	PO
15410	0100	AUSTRALIA	RA Carnarvon	good.Echo on signal.JS.(Replaces 15415)	
15420	2115	MOROCCO	Rabat?	good,steady deterioration till abrupt off 2159.	
15460	1403	UZBEK SSR	Tashkent	fair in EE with news,commentary.	BCa./JS
17780	2030	ECUADOR	HCJB	Quitto poor in EE to Europe, religious prgms.	BH
17845	2045	USA	WYFR Family Radio	s/on EE to Europe. 2000-2030 on 15110.	BH
<u>Omitted earlier</u>					
2385	2218	UNIDENTIFIED		very weak signals with long slow fades. Only aud- ible on quartz Hill rhombic beamed across Sth America. Letter of enquiry to the only occupant listed on this freq!!	TM
4940	0559	IVORY COAST	Abidjan	s/on in FF with anthem and then nx.	PR. PE

CONTRIBUTORS LIST AT END OF SHORTWAVE MAILBAG SECTION.

# ARTHUR CUSHEN'S SHORTWAVE REVIEW 15

The low sunspot count, which is reported to be down to 8 - and the lowest since 1930 - has had a marked effect on shortwave reception, with the higher frequencies being most erratic and unstable. Stations in Papua New Guinea are providing good reception at their earlier sign on time, while transmissions from Europe in our daylight hours are beginning to weaken, as are the signals in the afternoon from South America.

All times in GMT

All frequencies in KHZ

- BULGARIA Sofia is being heard with a new transmission in English 2200-2230 (Frequencies not supplied; ED.)
- COLOMBIA Radio La Voz de la Selva has verified with a letter after 27 months for a report on 6170 which operates 24 hours a day (Chris Davis)
- DENMARK Copenhagen is heard on 15165 in English from 0730-0815. Also at 2045.
- FINLAND Helsinki has been heard testing with their new 250kw transmitter on 11755 with English 2100-2130. Also heard with English at 1330 1430 and 1900. Finland has also been noted on 9550 with 100kw at 2100 but is mixed with Radio Moscow.
- GERMANY EAST DDR Berlin is being heard on 7260 with English 2115 to 2200.
- KOREA NORTH Radio Pyongyang is being heard on a new frequency of 7203, and on 9768 with English 1000-1100. Also noted on 9420 with English at 2000.
- MALAYSIA Radio Malaysia Kuala Lumpur 9750 has English to 0855 then interval signals at 0900, followed by the Malay programme with news at 0930. In parallel with 15290 to 0855.
- NEW HEBRIDES Radio Tanafo in the New Hebrides operated by the Na-Griamel Federation is now using 3990 which replaces the previous frequencies used. The station is noted to sign off at 0900 and according to announcements the station has reduced its schedule to 1930-2030 and 0730-0830 although it seems to extend the latter period to 0900. English has been heard at 0800 with Pidgin at other times.
- PAPUA NEW GUINEA Observations show that the stations of the NBC are closing at 1200 instead of 1300 and opening one hour earlier at 1900 GMT, which has provided good reception here at the earlier hour. One of the strongest stations is Radio Milne Bay 3360 which opens with test music, mainly C & W around 1845. The announcement at 1900 indicates transmission hours as 1900-2000 with a midday transmission at 0200. Other NBC stations on the air at 1900 are on 2340 2410 2450 2468 3220 3245 3290 3305 3322 3355 3385.
- TAIWAN According to the Down Under DX Club, the Voice of the Chinese Air Force Taipei on 6104 has been heard at 1105. VOCA Tainan on 7260 has been heard with popular music at 1115 and news in Chinese at 1130.
- VENEZUELA Radio Nacional Caracas has been heard opening at 0915 on 6170 but is mixed with PBS.

## ITEMS FROM "SWEDEN CALLING DXERS"

- BRAZIL Radio Nacional de Brasilia has now decided to instal new transmitters at Rodeador, 55km from Brasilia rather than open a second site in the north of Brazil. A new antenna system will be introduced to coincide with the introduction of the new transmitters which will include nine SW of 250kw each and 2 MW of 300kw.

# ..sign off..

The MALAGASY REPUBLIC changed it's name to the Democratic Republic of Madagascar on 30/12/75. Paul Rawdon

LATIN AMERICAN CHANGES from the Swedish DX magazine "Distance":-

Colombia Radio Valledepur 4815kHz ex 6170; HJPI Radio Tamboral 4835; Radio Villvicencio 4935 ex 4830; HJVP La Voz de Yopal 5050.

Peru Onda Imperial, Cuzco 5055; Radio Horizonte 4785; Radiodif la Convencion 3552kHz ex 5045. via SRK

BEC FAR EASTERN RELAY will begin it's move from Tebrau Malaysia to Singapore sometime in 1977.

C. Brunner NASWA

RADIO NEW ZEALAND seeks reports on the 49 metre band frequency 6080kHz from Australian listeners. Refer last month's front page feature for detail of transmission times and dates.



DON'T FORGET that Finland will be issuing a special QSL card in September to commemorate

it's 50th birthday. Helsinki has EE scheduled 0300-0330 on 9550, 0730-0800 on 6120, 1330-1400 on 15110, 11755, 1430-1500 on 15110, 11755, 6120, 1900-1930 on 15110, 11755, 2100-2130 on 11755, 9550kHz. 11755kHz is the new 250kw transmitter. BBC MS(c)

NORWAY's EE sked from 5/9 is Sundays 0800-0830 on 11860, 11850 & 15135kHz. 1230-1300 on \*6015, 11895, 15345, 21655. 1400-1430 on 9590, 15345\* & 21655kHz. 1600-1630 on 15175\*, 17795 & 21655. 1800-1830 on 11850, 11860\*, & 15175kHz. 2000-2030 on 6015, 11860 & 15175kHz. 2200-2230 on 11850, 15175 & 15345kHz. On Mondays 0000-0030 on 6180, 9645\*, 11870kHz. 0200-0230 on 6180\* & 9645kHz 0400-0430 on 6180\*, 9645, 11870kHz. 0600-0630 on 9645, 11870\*, 15175kHz. The new 250kw transmitter is denoted by a \*, other frequencies are 100kw.

RADIO APARACIDA, Avenida de tuva Vargas 185, Aparacida CBC 12570, Sao Paulo, Brazil celebrates it's 25th anniversary this year. Reception reports are appreciated and will be QSL'd with a card. Sked 0900-0300 on 5035kHz (1kw) & 9635kHz (10kw). Bill Vogel SDC

## 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 directed to Invercargill.

### EDITORIAL OFFICE

P.O.Box 2956, Wellington.

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

Closing date for contributions:- 5pm on first Monday in 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.

NIGERIAN CHANGES indicated in the Nigeria Radio-TV Times 3/76 are: Ibadan 7285kHz 1kw 0700-1600. 9555 not listed. Lagos no longer mentioned on 6035. Benin 5965 10kw 0430-1245 and 1350-2305. Apparently has left 4932kHz. DSWCI via ADXX

## market square

FOR SALE: Cassettes. Payment by postal note please, also S.A.S.E. for return postage.

Maxwell C30 \$1.85

Esda C60 \$1.60, C90 \$2.15

BASF C60 \$2.50, C90 \$3.35

Fairplay Cleaning Tape \$1.95. BASF

Cleaning Tape \$2.30. BASF Chromium

Dioxide Tapes also available. Write

to: Paul Ormandy, 33 Stour Street,

Oamaru.

RADIO LIBERTY/FREE EUROPE have 12 new 100kw transmitters purchased for installation in West Germany. 2 were installed last year and the balance are being installed at the rate of 1 per month to be completed mid-1977.

via Glen Hauser NASWA LN

RTV CONGOLAISE is sked 0430-0700 on 3232, 6115, 4765kHz; 0700-1700 on 3232, 4795, 7175, 9610kHz; 1700-2300 on 3232, 4765, 9715, 15190kHz; 1030-1400 on 15190kHz. 3232 & 4795kHz are 4kw, 7175 is 25kw, and all other frequencies are 50kw output. Bill Vogel