



# NEW ZEALAND DX TIMES

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## Edward Startz - A Tribute

The death of Edward Startz on 17 March 1976 at the age of 77, removed from the shortwave scene it's last pioneer, for in his life he had broadcast for 41 years as the host of the Happy Station programme from Holland. In the 1930's, when shortwave listening was new, the Happy Station was heard by millions, but it was before then, in 1928 when Philips at Eindhoven started the first experimental SW station on the European continent, that Eddie Startz joined the staff as announcer. Later, with the callsign PCJ, he turned this into Peace, Cheer and Joy, and his 'world's largest happy family' became a familiar session for Sunday listening worldwide. In 1947, when the Dutch World Broadcasting System was formed, and Radio Nederland founded, he continued Happy Station programmes each Sunday until his retirement in December 1969.

It was in June 1969 that I met Eddie Startz, having been a fan of his since 1935, and in the studios of Radio Nederland recorded some interviews with him. From these, the main points were: that he was then compering 4 different programmes each Sunday, as well as one in Spanish, and the Happy Station was being aired 14 times a week. He could speak 6 languages fluently and had a smattering of another dozen. Meeting him was a pleasure, as he was full of the happy peace-loving and friendly spirit he proclaimed to the world. Ralda and I had a most enjoyable time with him in Hilversum and have souvenirs and autographed records that we will long cherish. Tom Meyer continued the programme from 1970, but Edward Startz, a true pioneer in shortwave broadcasting, will long be remembered for his contribution to shortwave radio.

ARTHUR CUSHEN

- + **CONGRATULATIONS** to Arthur and Ralda Cushen on the celebration of their Pearl wedding anniversary on 12 March.
- + **AEROGRAMMES.** Since 1 April, the old style aerogrammes (ie open at one end) must be completely sealed if they are to qualify for the aerogramme postal rate. If posted with one end open they will be surcharged at the ordinary airmail rate. This decision results from the 1974 Congress of the Universal Postal Union and effects NZ and all other UPU members. Info - Paul Rawdon.
- + **60 METRE BAND SURVEY.** Our 1976 survey will be held over the week 1 - 8 June, which includes Queens Birthday Holiday Weekend. Further info on page 16.
- + **DOWN UNDER DX SURVEY.** The latest edition of this excellent specialist DX magazine has just been published. Highlight is a 7½ page account of an 8 week trek through Indonesia by well-known Australian DXers David Foster & Michael Willis. The DUDX Circle specialises in Asian DX and a copy of the Survey is yours for 2 IRCs (NZ & Aust) from 17 Stevenson St, Kew, Victoria 3101, Australia. We can thoroughly recommend them to serious DXers.

CLOSING DATE FOR NEXT ISSUE: MONDAY 3 MAY. DETAILS OF YOUR DX, QSLs & BEST-OF-THE-MONTH ENTRIES TO P.O. BOX 2956, WELLINGTON, NEW ZEALAND.

## FROM THE BRANCHES

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SOUTHLAND The March meeting was held at the Cushens with 12 present. Reports included details on a successful weekend at Riverton rocks and erection of aerials at Tiwai, some over 2000 feet in length. It was decided to take out insurance cover on the Tiwai site. A letter was sent to the Minister of Broad-casting supporting the League's request to reduce all-night transmissions to conserve electricity. Arthur Cushen played a taped interview he recorded with Eddie Startz in Hilversum in 1969. DX chat showed plenty of morning activity and some 23 broadcast and 44 shortwave verifications were tabled. Competition Results: Ray Crawford on ECB with HJLD 1300 1kw and 2AN 720 50w; merit Sutton Burtenshaw ZNS1 1540 20kw. SW to Wyn Machon Prague 21700 and Arthur Cushen HIDA Dominican Republic 3385 600 watts.

NORTH OTAGO 8 members attended the 12 March meeting at the Listening Post. A new secretary was elected: Philip Hope, 42 Arthur Street, Oamaru. General discussion included the possibility of an Archives exhibition at the AGM & more permanent aerial systems. Next meeting will be at the Listening Post 22 April.

CANTERBURY The March meeting was held at the Spencerville Bach on Saturday 20 March. DX chat during the meeting was both interesting and informative. Next meeting will be held at Brian Withers on 11 April. Competition results: BCR to David Ricquish WLW 700 50kw. SW to Austin Hadler RN Talata 17810 and Radio RSA 7270.

WELLINGTON 13 attended the March meeting at Bruce Williams on Friday 26th & there were 5 apologies. Discussion centered on branch business with nominations being called for a new Secretary/Treasurer in anticipation of Nigel Robins departure from Wellington. The Branch is to be listed with the Come Alive Campaign's Leisure Line register. Feature of the evening was an interval signal quiz, which was won by Dene Lynneberg. Next meeting will be held at BCNZ Receiving Station, Quartz Hill on Thursday 29 April at 8pm. Members planning to attend please contact Nigel Robins, telephone 8787 Wainui no later than 26 April, re transport arrangements. Competitions: SW Senior to Bryan Clark with IBA 21625 and TWR Swaziland 3275. SW Junior Paul Edwards BBC Ascension 9510 & Cook Islands 3265. ECB Nth American KFAB 1110 Paul Rawdon, open ZNS1 Bahamas 20kw 1540kHz Bryan Clark.

### OBITUARY - DERYCK ELLISTON

With regret we report the sudden passing of Wanganui League member Deryck Elliston. Deryck had participated in several League get-togethers in the Wanganui area in recent years, and had a keen interest in radio, especially CB. He was also a keen photographer.

Philip Brooks expressed sympathy to Mrs Elliston & family on behalf of all League members.

RAY CRAWFORD Invercargill has also been busy & the Barlow Wadley has logged 3XF, 2CC, 4NA, BH, 5AA, YVMM 1150, HJAD 1330, HJDT 1170, HJJH 1600, XEHL 1010, CB138, Istanbul 1016, Bulgaria 1223, Poland 1304, Iraq 1360, Strasbourg 1277, Bordeaux 1205, AIR Sangli 1250, DDR 1043, Israel 737, Yemen 755, DW Malta 1570, Dushanbe 1295, Tarawa 844, Tahiti 740, USSR 1088, Rumania 1151, Hungary 1187, Abu Dhabi 728. QSLs 2AN, CC, HLKU 1160, HJLD 1300, Tuvalu, 8AL, 4WP, NEC port Moresby 1250. More to come Ray!

### BROADCAST DX - Mailbag overflow!

PAUL ORMANDY Oamaru has reports to 2DU, LT, NB, GN, MW, GB, Noumea 670, NEC 1250, 4LM, NA, JK, BH, AT, QL, 5CK, AA, 3ZZ, XF, XB, UL, GI, 6WN, HLKX, KMVI, XEMW(t), Tahiti, KNDI, JOGB, WF, VR, QL, IR, RRI 1334, Sinkiang 1525, Nth Korea 655, 635, DYLA 1550, BED97, KLEI, WGY, OAX4H, WOA1, KSCO, Sharjah 1575, Malta 1570 Nice 1554, Vatican 1529, CFRN. QSLs HLKX, VTW, ZK1ZC, 2LT, BY, AY, NB, LM, DU, MW, JOPK, LK ER, UB, GB, VR, KRLD, WIZM, Peking 1340, CKWX, Tuvalu, CFRB, KCRG, 7LA, 5DN, KKHI, Munich 1602, Singapore 790 & 13 more Aussies! Phew - will have to charge you for spare Paul! 870 is KAIM. 930-CJCA likely. 1493 unlikely Leningrad site at 1630 reception, more prob. Asian area.

GRAHAM MASEY c/- NZR Workshops, Napier is getting set up for MW DX with his Kenwood QR666 & MW loop & booster, and would like to hear from other local DX-ers. Hrd recently are CBW 990 strong, KNX, XET & plenty of Japanese. (Agree that RNZ all-night carriers a pest! We are complaining officially re pwr waste.

# BROADCAST DX

with Bryan Clark 3

A bumper month on the medium wave band, with the equinox producing its usual surprises! Ray Crawford reports Europeans at their best for several years. Robin Chambers (and your Ed to a lesser extent) have had success with evening long-path reception from Europe. Undoubtedly the highlight is Robin's reception of an English commercial broadcast on 23 March between 0617 and 0638 GMT on 1546kHz. Your Ed has seen the resulting logging and is of the firm opinion that Capital Radio, London is the station heard. Certainly there's sufficient programme content (apart from an actual ident) for them to establish the validity of Robin's tentative reception report. Fantastic Robin! Robin gives credit for some exceptional catches to his recently erected 450 metre beverage running to the East. Beverages are catching on, no doubt as a result of articles in the 1976 WRTVH. Chris Martin has a 300 metre running due West and reports Kenya 746 at the best level yet, plus strong signals from the new Abu Dhabi station on 728kHz. Jack Searle has just erected a 350ft longwire, using Gurock Livestrand polythene/wire which is manufactured for electric fences. At under \$5 for a 200 metre roll from Stock & Station Agents, and with longer lengths available, this wire could have potential for a simple, robust beverage. Down at Southland's Tiwai site a new 2200ft longwire to the Middle East is proving very effective, as this month's Morning Trail will testify.

QSL highlights this month include replies from Bahamas (attractive postcard) and Tuvalu 580; a rare KTOM verie for Eric McIntosh & Colombians for Ray Cr.

DAYLIGHT SAVING changes are: 11 April - Greece, Spain, Spanish Morocco. 18 April - Malta, Israel, Hong Kong. 25 April - USA (except parts of Arizona, Indiana), Canada, Bahamas, Bermuda, Jamaica, Alaska, Turks & Caicos & Mexico's Baja California Norte region. USA on DST till 30 October. 1 May - Syria, Lebanon, Jordan & Albania. 30 May - Italy.

US POSTAGE to NZ is now 31 cents per ½oz first class. Postcards 21 cents.

Regarding Radio Ferrymead 3XF and Radio U 3XB from Christchurch - A form QSL letter is being printed for 3XB. Their output was rated at 40w for tests on 19 Feb, 60w from 23 Feb till a breakdown on 26 Feb. They returned to the air on 27 Feb with 70w and this was the power until the final transmission 7 Mar. The transmitter difficulties would explain the problems experienced in hearing Radio U beyond Christchurch. 3XF was heard as far away as Adelaide! The Canterbury lads will be chasing up QSLs - printing delays are suspected.

Mystery of the Month(s) is Fiji. After being detected on 850 and 910 recently, they are now reported on 730kHz //710 at strong level in Invercargill & Christchurch. On 7/4 we contacted Mr Sharan at FCC's Engineering Section, who denied use of 730 or other unlisted channels! Only forward plans are to increase power on 890 to 10kw. Perhaps an unofficial relay by someone?

Radio Millón, Apt 4318, San Jose, Costa Rica via TIXE 625kHz testing 0530-0830 GMT irregularly in March, boasting 1000 kilowatts. Nix heard here yet, but worth watching. Credit IRCA & NASWA Flashsheet for info. Was heard widely in the USA. Incidentally happy birthday to IRCA on their 12th!

ROBIN CHAMBERS Opunake starts the ball rolling with reports to 1Z0, Labasa 810 4LG, HCRH2 605, Nth Korea 849, Excelsior 1360, Ahwaz 1390, Iraq 1195 & Capital Radio 1546. Wowiee is the word!

JACK SEARLE Haumoana is back on MW & has logged 2NC, KGMB, KPRC 950, KRLD, KDAY, KNDI, KTWO & Moscow 548. Tx Jack! QSLs 2JJ, Rhema, 4MK, 2XW, 2AY & Cooks 600, last 2 Convention Specials.

DAVID RICQUISH Christchurch has QSLs from 4NA, KALI ppc, WMAQ. Logs 4BH, NA, 5AA. Bon Voyage! Times feature awaited.

← MAILBAG OVERFLOW!

PHILIP HOPE Oamaru has logs of KRMG, WLW, 3XU (thats 3XB), Tahiti 740, 2GB, JJ, 1XA, Peru 854, HCFA2. QSLs WCKY, WIZM (good!), WLAC, KEEN, 2AY, 3AR, 4XD, Cooks 600 and WXLE. Keep it up Philip!

BRYAN CLARK Wellington has QSLd LR4 Belgrano 950, 4IP, DWRF, Tuvalu 580, ZNS1 Bahamas 1540 & KGHL (30th US state). Logs CSB5 Portugal 1578, 4IP, 5AA, 2GN Universal Ecuador 1270, KMO 1360.

ASH NALLAWALLA Dunedin logs 2GO, DU, 4NA, BH, 5AA, 6DL. QSLs 4XD, 2KO, RG, GO, DU 3TR, UZ, 4GY, BH, 5KA, 6DL, JOUB, JOLK, KPOL, JOKK, WLAC, KRLD, Singapore 790.

DAVID FELDON Rotorua has logged 3ZA, 2WL, 4YZ. QSLs 1XB, WVUV, 2YA, Windy, 4BK, 2YW and 3ZA.

SINCLAIR BENNETT Christchurch has verified 2MW, 4GY, 2BE. Logs are 4GY, 2BE, 3XB, 3XF.

GRAEME HAMMOND New Plymouth has QSLs from 1ZU, 2YM, 2XW, 2QN, 3XY, 5PI. Reports to 2YM, Windy 890, 2QN, PK, 3XY, 5PI, KEX KGMB and KING. All the non-locals logged thru the Robins loop booster Graeme purchased at Convention 76!

DENE LYNNEBERG has a tape report to JOFR 1270. Veries KTWG 770 with pen, CHWK & ZNS1 1540 (country 82).

MERV BRANKS Invercargill is back on the DX map with reports out to 2CC, 2ZW, 3XF, 3XB, 3WV, 6GF, 2CN, 4BH, 4WP, KMPS Bulgaria 1223, Dushanbe 1295, DW Malta 1570, Yemen 755, Fiji 730, KFAC, Israel 737, 4NA, 5AA, Abu Dhabi 728. QSLs in - 4YQ, TO, BH, 2CC, 3WV & 6GF. Best wishes!

GRAEME SHILLITO Dunedin has logged 3XF, 3XU (thats 3XB), Windy, VQO, 4BH, 2YM KMPS & Goroka 900. QSLs Windy 890, VQO 4BH and 2YM. Always something about!

PAUL RAWDON Lower Hutt has reports away to IBA 737, Vatican 1529, KFBK. Veries Cook Is 600, XEPRS, KRLD, KFAB, Singapore 790. Keep it up Paul!

BRENT ALLRED Motueka has verified 2XW, ZG, ZA, ZW, 4ZB, ZA. Logs 1ZB, 3ZB. TWR info appeared in January Times.

ARTHUR CUSHEN Invercargill has QSLs from KTWG & Windy 890. Reported are 4BH 880, 4NA 830, 5AA, 3XF, KMPS.

STEVEN GREENYER Invercargill has 3XF 3XB & Paradise 1265 away. QSL from ZNS1 1540. More to come Steven?

ALAN ROBSON Christchurch has logged 3XF and 3XB. Better results QSLwise: XEPRS, 2CH, KVOO, KMJ, KABC, WOAI & Cuba 600. Education first priority Alan.

GRAEME BAMFORD Tauranga is 'on the ball' with CKLG QSL'd and logs of 2ZC, XW, 3SR, 4YW, YQ & 7HT (at 7am)

GAVIN BENNETT of Invercargill and the IRCA has logged 1XB & received a good crop of veries: XEROK, WBAP, KOA, GKWX, KCEY, KDKA and 1XB.

RAY BABBAGE Wellington has one out to 2YM and one in from WVUV after trying for 8 years!

ANDREW WHITE Christchurch has QSLs from KDKA, WSB, KRLD. KNBR reported.

CHRIS MARTIN Harbord, NSW has tried

4 a beverage or two (not the drinking kind) and reported Istanbul 1016, Abu Dhabi 728, Prague 1286 and 7QT, SD, EX, BU. QSLs in from Mwanza 620, 8AL, 2NB, GF, KPOK, WHO, KCRG, Bangkok 830, 4AY, ZR, IP, TO, KQ 710, BH 880, NA 830. Thanks 'C's.

SUTTON BURTENSHAW Invercargill has the usual quality bag: Logged at Tiwai: 3XF, HJTU 1360, XETP 1360, HJKL 610, HJJH 1600, HJLK 1230 (3rd). At Home: 3XB 1230, 2CC, 5AA, 4BH 880, CB138, WXYZ 1270 during 27 March aurora. QSLs ZNS1, Funafuti 580, XEJP 1150 (letter from Variadades net), XEPOP 1490 ppc (NZ first that one Sutton)

JOHN ALLCHIN, our sole Auckland entry, has logged & verified Radio B 950. Other QSLs 2LF, GZ, ZH, 1ZA, 4ZB, AK, 5PA 1160 2kw, KEX. 2GZ reply commendable John. Hard luck re receiver. Keep looking.

LINDSAY ROBINSON Invercargill has a QSL from Windy 890.

NORM MAGUIRE Honolulu advises QSLs in from 3YZ, Tarawa 844 & 2nd from 4QD. Awaiting replies from Ponape, Sabah & Fiji 810. Welcome back to the Times Norm! Must be getting hard to find new ones. DXcursion postponed but hope to see you sooner.

LAURIE BOYER Invercargill has logged 7SD, 3WV, 5AA, 2AY, 4BK, QR, 2NA, KM, 6DL and Munich 1602. Veries ZNS1, Oman 1412, 3WV, Kuwait 1133, Quazvin, KCEY, Kuwait 539.

GORDON HUTCHISON Kaiapoi has reported 3XF & QSLd KPOL and 2NA. Good luck at PO.

KEITH ROBINSON Kapuka has logs of KIOE, Malaysia 1475, 3XF, 5AA, Asmara 944, 2XW, HLDA & QSLd Malaysia 1475, KLAK, Tuvalu, 2XG and CKWX. Thanks Keith.

BRIAN OLIVER Wellington has logged & verified Windy 1080. Report out to 3XF.

ALEX WELLNER Sydney has reported 4RO & 2ZB. Keep MW and SW notes separate pse.

ERIC MCINTOSH Invercargill has veries from KTWG, KTOM, JOUF, 2CC, 4BH, 2TR. Logs KTWG, 3XF, 3XB, 2TR, CC, 4BH, NA, 5AA, JOFR, Fiji 730, Vidin 1223, JOIR, JOFR, JOKB.

PHILIP BROOKS Wanganui has reports out to 7HT, Noumea 670, KMVI, KORL. Lone reply from 7HT. Good to see you again Phil.

PAUL EDWARDS Wellington has a good postie. QSLs XEPRS, WOAI, KNX, KIOE, Windy 1080, KTWG, KFI, KVOO, KXEL. Logged KXEL.

#### BEST OF THE MONTH

Senior: Ray Crawford  
HJLD Colombia 1300 1kw  
Junior: Paul Ormandy & Philip Hope  
WIZM 1410 5kw in Wisconsin.

# BROADCAST TRAIL 5

## EVENING

540 Radio Tropicana exc 0745 12/3 RCh  
 550 SS fair 0703 "Radio Mundial" RCh  
 KMVI fair 0748. PO  
 605 HCRH5 Huancalvica vg 0719 15/3RCh  
 670 Noumea good in FF 0742. PB  
 725 SS weak-fair 0730 12/3.RCh.TILX?  
 740 Tahiti vg FF 0712. PO  
 773 ?? weak 0645-0708 22/3,23/3. RCh  
 849 New North Korea //665 1058-1120 "  
 1010 XEHL good 0740 21/3. RCr  
 1020 SS,martial mx 0707 24/3.LT10? BC  
 1034 CSB2 good regular 0630-0655. RCh  
 1070 KNX vg with ident 1131. PB  
 1080 KIOE fading over KRLD 0743. PO  
 1085 SS station very weak 0705.RCh HR?  
 1120 WVUV Samoa exc 0733 PB  
 1150 YVMM exc over NZ 0940 29/2. RCr  
 1170 HJDT fair 0912 29/2. RCr  
 1190 HJCV exc 0754.HLXK vg 1140. PO  
 1200 WOA1 very good 0640. PO  
 1232 Vidin,Bulgaria 0655 22/3,23/3.RCh  
 1250 Port Moresby mixed 2DU 1049. PO  
 1260 CFRN with news 0800,fair. RCh.BC  
 1268 ? with loud het 0630 24/3. RCh  
 1270 HCUM2 Universal vg 0730 BC  
 XEMW 0731(tent id)PO.Days only?  
 1320 CHQM Sports Nx 0633 good. BC  
 OAX4I La Cronica good 0705. RCh  
 1330 HJAD Vigia fairly reg. 0820. RCr  
 KPOK country mx 0649. BC  
 1360 Excelsior fair-good 0620-0705.RCh  
 KMO Tacoma Nx 0700 3/4. BC  
 1380 Colo Colo good 0700 25/3.RCr.  
 Radio...not Colo 0615 24/3. RCh  
 KPOI now "Beautiful Mx" exc 0643/  
 1385 Pipaton vg 0615 24/3. RCh. /BC  
 1394 ?? weak 0645.1426 ?? 0615 24/3RCh  
 1420 2AP Apia fair 0715. RCr  
 1430 KELI jingle & pops 0620. BC  
 1450 Radio Rey,Ecuador 0658-0740. RCh  
 1466 Monte Carlo like a local 0615 on  
 24/3.RCh.Hrd 5,17,18,24/3. BC  
 1490 Nitecap 0715-0828 4/3.KVAC? BC  
 1529 ?? beating against KFBK 0610 23/3  
 1530 KFBK vg ident 0721. PB /RCh  
 1570 Norfolk over XERF 0740 17/3. BC  
 1578 CSB5 logged 5,6,17,18,19/3 be-  
 tween 0630 and 0809. Poor. BC  
 1594 CSB4 poor 0630 22/3. RCh  
 1600 HJHJ fair 0840,numerous ids. RCr  
 1602 Germany fair 0630,0702 22/3. RCh

## MORNING

539 Kuwait good AA 1745. LB  
 548 Algeria 1830 mixed USSR. RCr  
 550 KMVI with Quiz 1515. PB  
 557 Quazvin exc 1820.RCh.Good 1750LB  
 584 Svobodny in CC 1830.RCh.1624. PO  
 587 Saudi Arabia 1805 fair LB1830.RCr  
 610 Bangalore EE nx 1830. LB

611 Russian operatics fair 1820. RCh  
 620 Cairo exc 1840.RCh.1823 strong.LB  
 638 Limassol/Prague mixed 1845. RCh  
 650 DZRH poor 1830.PR.KORL exc 1556PB  
 655 Nth Korea 1555 KK.635 in JJ 1611/  
 728 Abu Dhabi 1645 good. RCr. /PO  
 737 Israel FF 1830 exc.RCr.1800 nx.PR  
 EE nx 1800, FF at 1820 good. RCh  
 755 Aden 1900 good.RCr.1810 AA RCh  
 760 Baghdad all over 1YA 1845. RCr  
 777 Zahedan good regular 1830. RCh  
 809 AA here but strong het 1845. RCh  
 810 FEN Tokyo ident 1700. PB  
 836 "Voice of Lebanon" 1845 new int/  
 sig (not that in WRTVH 75) RCh  
 840 JOQK fair-poor 1632 music. PO  
 850 Unid Asian 1621.PO.See evng trail.  
 908 Baghdad at 1630. RCr  
 935 Lvov good 1900. RCh  
 944 Ethiopia? 1645.RCr.Toulouse 1845  
 22/3 fair. RCh  
 952 AA fair 1810.RCh New Qatar,Ed.  
 962 Tunis in FF good 1835 12/3. RCh  
 985 Kermanshah always good 1800. RCr  
 989 West Germany fair 1745. RCr  
 1016 Istanbul good 1700. RCr  
 Unid.Eastern type mx,id "Radio..  
 metre band..Radio Lakumba?..  
 Broadcasting Commission..1843.  
 1849 mentioned Tel Aviv 1/3. RCh  
 1034 AA here fair 1845 23/3.Who? RCh  
 1043 East Germany 1700 fair.RCr1910RCh  
 1088 Tirana exc 1845.RCh.USSR 1715.RCr  
 1097 Bratislava fair 1800.RCr.1905.RCh  
 1100 BED97 Taiwan vg 1528. PO  
 1133 Kuwait EE 1845 good.RCh.1800. RCr  
 1151 Roumania 1915 good. RCr  
 1160 Strasbourg FF thru 3ZC 1815. RCh  
 1169 Russian fair 1930. RCh  
 1187 Szolnok good 1835.RCh.1745 fair/  
 1195 Iraq good 1840.RCh.1800 fair-/RCr  
 1205 Bordeaux EE 1730-1800 Fri GMT.RCr  
 1214 Albania exc 1825. RCh  
 1232 RMC Cyprus good 1847. LB  
 1250 AIR Sangli EE 1620 Sunday GMT. RCr  
 1268 Novi-Sad fair 1835 15/3. RCh  
 1277 Strasbourg 1900 fair.RCr 1915.RCh  
 1286 Czech fair 1905.RCh.1830 fair.RCr  
 1295 Dushanbe vg 1630. RCr  
 1304 Poland 1845 fair.RCr.good 1910RCh  
 1322 BBC Cyprus 1800 EE Nx fair.RChRCr  
 RR with Kremlin Bells 1830. RCh  
 1334 RRI vg with mx 1435. PO  
 1345 Kuwait excellent 1815. RCr  
 1360 Iraq good at 1930. RCr  
 1376 Lille mxd RR 1825.RCh.1730 gd.RCr  
 1466 Monte Carlo exc 1730,1815.RCr,RCh  
 1475 Vienna/RR mixed 1830.RCr.Vienna  
 in GG 1815.RCh.  
 1493 USSR int.sigs 1630,1700.Fair. PO  
 1510 AFPN Clark hrd twice 1645. RCr  
 1511 RBI fair 1810.RCh.FF 1830 gd. RCr  
 1529 Vatican exc 1759.PR.1815.PO.RCh

CONCLUDED ON PAGE 9.....



# P.T. RADIO RAJAWALI SURABAYA

JL. KACAPIRING NO. 5 SURABAYA

GELOMBANG 257.51 M. — FREQUENCY : 1165 KHZ. (PM6BPZ-1)

IZIN DEPARTEMEN PERHUBUNGAN R.I. NO. 045/IRS./1974.

BANKER : E. N. I. 1946 CABANG T. H. R. SURABAYA

INDONESIA Ray Crawford recently received a letter QSL Adi Budimaptono, Director of Radio Rajawali Surabaya, for a report dated 12 April 1975. The station operates on 1165 kiloHertz and describes it's equipment as follows:

"Sir, our instrument very simple, wearing one 813 lamp for broadcasting station and two 813 lamp for modulator with vertical antenna a 36 meters."

## Continuing... PACIFIC ASIAN REPORT ...with TUVALU

Radio Tuvalu's address is Vaiaku, Funafuti, Tuvalu. Verification letter is signed by F. Luka, the Broadcasting & Information Officer. BC

SOUTH KOREA Recent frequency changes courtesy DSWCI. Yangu 1115 ex 540; Inje 7775 ex 970; Soguipo 1320 ex 1240; Chongju 1060 ex 1370. NRC

INDIA New stations are Mysore 1400 10kw, Allahabad 1420 10kw and Tawang 1530 with 10kw. Visakhapatnam with 100kw is planned; frequency not known. DSWCI/NRC

PHILIPPINES DZFE, 1030kHz which is owned and operated by FEBC, has been asked by the Government to stop its operation in the greater Manila area. Reason is that the Bureau of Media Council of the Philippines now restricts a radio station to operate on just one AM frequency in the Manila area. FEBC's other station DZAS 680kHz is still on the air, while DZFE can be heard on FM only. FEBC via B.Clark

GUAM KUFU 940 10kw day/night from Agana has had it's permit cancelled. IRCA

HAWAII KIOE 1080 shares its transmitter tower with KCCN and KISA. An earlier plan to use KNDI's tower was denied by the FCC as they considered the extra field intensity would effect their Waipahu monitoring station. KNDI's tower site is now in jeopardy - it will probably be moved before July. KCCN will also have to move its tower location soon. KIPA's new 5kw tx on 620 uses a 400 ft tower at Pepeekeo Point. Alan Roycroft via TrubeeIRCA

WEST MALAYSIA New stations are Batu Melintang 590, Grik 1070 - both 10kw and carry the bahasa malaysia prgm. DSWCI/NRC

## CAN-AM REPORT

Broadcast Band news from Canada and the Americas

- 680 KWKA NM is all night. Carries CBS.
  - 720 KDWN carries IRCA's DXer Report on Wed at 2145 PST (thats Thu 0545 GMT, 0445 when on Summer Time. Ed)
  - 850 KOA switched to CBS network on 1 March after affiliation with NBC since 1927. NBC now has KLZ 560 & KSSS 740 in Colorado. J. Bradley
  - 1010 KIQI Calif seeks 50/10kw U4. Hrd testing 0900 by Mike Sanborn IRCA
  - 1030 WKZE Puerto Rico CP for 10kw U3.
  - 1080 KRLD carries Nitecap talk show Tue-Sat mornings US time (Tue-Sat evenings NZ time Ed)
  - 1100 KFAX 1kw directional 10pm-3am PLT.
  - 1110 WVNH Salem N.H. 5kw days is new.
  - 1160 KSL & WHAS 840 are the only stations with Nitecap prgm on MM's.
  - 1170 KVOO 24hrs S.P. Mon 0105-0200 ELT.
  - 1270 WUOK Md 5/1kw seeks call WCBC.
  - 1280 WIVY Florida 5/5kw seeks WEXI.
  - 1330 KFH has tele-talk Tue-Fri evening NZ time.
  - 1360 KRUX Arizona on NIS net (like KFBK)
  - 1360 WSAI Ohio is 24 hours.
  - 1390 CHOO Ontario all night, C & W pgm.
  - 1470 WRBD Fla seeks 2.5kw nights D.
  - 1490 Banning, Calif 250w U seeks KGUD.
  - 1490 WTXL Ma new call WNUS. 24hrs soon
  - 1530 WKCY off Mon evngs NZT. New C&W format due.
  - 1540 KBUY Texas 50/1kw granted KRXV.
  - 1570 KACE Calif granted KHNy (5kw days)
  - 1580 KTUF Arizona 50/10kw seeks KNIX.
  - 1600 WAPX Alabama seeks new call WXVI.
- MEXICO XECJC now ids as 'Radio Sensacion'. Has been 'Canal Tropical' & Radio Impacto in last year. Seems AN7, 1490kHz IRCA
- Credit NRC DX News, IRCA DX Monitor.

# DX-ING IN THE FAR EAST *by* PETE TAYLOR

7

Between 10 and 30 November, I vacationed in Hong Kong, Bali (Indonesia), Singapore and Bangkok, plus a brief stop in Tokyo. For listening I used a Nordmende Condor portable receiver plus a JVC cassette machine.

## OVERVIEW

Hong Kong (H) - as per WRTVH. No jamming of the Chinese language outlets (610, 640, 850kHz) per se, but a het from one or two signals is noticeable day and night, and very strong in Macau. Commercial Radio 'triplexes' on 610, 850 and 1050, resulting in a strong image on 1250 (2 x 1050 = 2100 - 850 = 1250), causing trouble to BFBS on that frequency.

Indonesia (I) - about 28 BCB signals noted from listening at Jakarta airport, all carrying government programme at 1200 GMT. In Bali there were 3 locals or semi-locals, frequencies estimated at 765, 1206 and 1545. Reception here was hampered by severe QRN.

Singapore (S) - as per WRTVH. However due to mixing 680 is also on 580, and 630 also on 730, but both images are weak. Along with 630, 680, 790, 990 and 1370, Johore Bahru, Malaysia just across the channel on 940 and 1220 are hrd strongly. Kota Kinabalu 1475 was not good here or in Bali - only in Hong Kong.

Bangkok (B) - 47 BCB and about 25 FM locals were carrying the government programme when I arrived at the hotel at 1320 GMT. Two nights later I finally found an FM which wasn't - at 1215 GMT). There were 4 transmission towers within a half-mile of the hotel. I positively identified 4 Thai stations and did even worse on frequencies. When they are all on, about 5 outside stations are audible! Before arriving, I had heard that all English programming had been eliminated. All that was left was on Radio Thailand 920kHz and FM 97MHz. Most stations overmodulate and are distorted. Many of the records & commercials have terrible surface noise, and they use the echo chamber a lot. Station 20 on 1520kHz, by contrast, is undermodulated. Tokyo = (T)

We now list highlights from the 4 pages of observations made. Some of the frequencies may be slightly off, as I had to do some guessing above 1200kHz due to a tight dial. I am sorry I was unable to sort out the Thai stations - they were too close and too many. I spent 11 nights in Hong Kong, 2 each in Bali and Singapore, and 3 in Bangkok, but you can't spend all your time at the dials. It was fun and I hope some of the info is useful. Any information on some of the mysteries, particularly 680, would be appreciated.

- |  |   |
|--|---|
| 530 I INDIA Jodhpur A, fair 2355.      | 1345 with DZAS in/out. Also noted         |
| 548 T USSR Vladivostok in RR 1132.     | 0900 and s/off with anthem 1520.          |
| Still strong 1335 over //RR.           | 690 H BANGLADESH EE nx, ident 1522.       |
| 560 T SOUTH KOREA AFKN good 2010.      | 700 H CHINA Peking EE lessons 1345.       |
| 585a H UNID. Loud CC 1250. Seemingly   | 705a T SOUTH KOREA HLKA 1340 jammed.      |
| jammed 1515. Floating osc.             | 710 H PHILIPPINES DZFM "Road Show" 1010.  |
| 610 H HONG KONG Commercial Radio not   | I UNID s/off 1700. EE 1045. Who?          |
| jammed, but CC station read-           | 720a B INDIA Madras A fair 1945 w/het.    |
| able under day/night.                  | 735 H MACAU in CC, 'compressed by Chinese |
| 615 T UNID Chinese very strong 1335.   | signals 0035. (Asia                       |
| 625 T NORTH KOREA seemingly jammed     | 750 H TAIWAN Taipei. Jamming hrd through/ |
| 1335. S/on 2000 //655kHz.              | 765a I INDONESIA Denpasar? s/off 1700.    |
| 629 T UNID. Low mod. Classical mx 1340 | 800 H CHINA with EE lessons 1355.         |
| 635 T NORTH KOREA muddy sigs 2010.     | I USSR Moscow Bells 1700 & 1800.          |
| 640 T SOUTH KOREA KLKC Seoul fair      | 820a B BANGLADESH EE nx 1705. Carrier off |
| 1345. Peking underneath.               | 835 H CHINA ident strong 1200. (1730.     |
| 650a H CHINA Canton/Kwangtung area?    | 840 B INDIA Vijayawada //860, 720, 940.   |
| Very loud. Cuts into RHK 640           | All fair 1920.                            |
| day and night.                         | B MALAYSIA Kota Bahru //860 1705.         |
| 655 T NORTH KOREA clear 1335. S/on     | 875 T UNID //850 at 2020. Probably CC.    |
| 2000 //625. 2015 //745, 785, 805       | 880 H CHINA in EE //890 at 1345. Also     |
| 660 T TAIWAN Taipei jammed. (& 855     | strong jamming throughout Asia.           |
| 665 B UNID CC jammed same time 1340.   | 880a I UNID Philippines? Radio Vegas id   |
| 680 H UNID weak daytime reception. 5   | 1045, then religious talk.                |
| time pips at 0300. Popular EE          | 900 H MACAU barely audible days due 2+    |
| tunes, 2320, 0000. Heavy drama         | Chinese within 2-3kHz. In PP.             |

- 940 S MALAYSIA Johore Bahru id 1400 then EE news.
- H CHINA Hofei, Anwei regional EE lessons 1320. CC at 1330.
- 955 H BURMA presumed in EE 1527.
- 970 H CHINA EE/CC lesson 1335. /1537
- 1000 H PHILIPPINES DWSS "Double S" at/
- 1010 H PHILIPPINES DXXX Zamboanga City "D-triple-X at double-10" 0915 I DXXX with 'Hard Core Hits', syndicated on 100 stations, "pace-setter in relevant prgmg" at 1135. Very loud in Bali.
- 1015 B UNID Far Eastern of sorts, not in CC 2120.
- 1020 I UNID Indonesian at 1135.
- 1050 I UNID Philipino at 1834.
- 1140 H VOA Poro good 1300 "Yankee Doo-"
- 1178 H VOA Okinawa under jamming /dle" 1320. Loud from I at 1205.
- 1196a I UNID Indonesian 1155.
- 1200 H MACAU not hrd at all in Hong Kong or Macau itself.
- 1206 I INDONESIA RRI Surabaya presumed the semi-local in Bali.
- 1230 H CHINA EE/CC lessons 1407.
- 1250 H HONG KONG BFBS on erratically. Horiz antenna. QRM from 850 & 1050 image. Some EE 1000-1100 then Ghurka prgmg. Off 1300.
- 1280 H PHILIPPINES DWWW with teletalk 1045. Id "Super Radio 1-2-8"
- 1334 I INDONESIA RRI Jakarta fair evng
- 1340 H CHINA Kwangtung regional/FS to Philippines 1200-1230 Tagalog. Repeat 1430-1456 s/off.
- 1410 B OMAN BBC Masirah WS in EE 1928.
- 1475 H MALAYSIA Kota Kinabalu strong 1127 music, EE lessons 1508.
- 1520 B THAILAND Station 20 "thini song soon" id 1500 at end of FF pgm and s/off with anthem 1600.
- 1525 H CHINA "Govorit Peking" 1500 RR.
- 1545a I INDONESIA seemed one here 1400.
- 1550 I INDONESIA under 4QD at 1400. H TAIWAN AFNT nx 1100. Good 1630.
- 1560 I Jamming apparently here, very low, practically obscene. Perhaps for Portuguese Timor?
- 1570 H SOUTH KOREA HLDA FEBC id 1330.
- 1580 H THAILAND RFA jammed. EE nx 1100. Also in EE 1455 "Voice of Free Asia" idents.

JAMMING apparent on following frequencies from time to time: 585, 600, 625, 650, 655, 690, 710, 750, 880, 1080, 1090, 1100, 1110, 1178, 1210, 1240, 1250, 1260, 1270, 1300, 1310, 1560, 1570, 1580, 1590. Some are rather obvious. Those in the 1500's could be to detract from 1580 listening. Those on 1080-1110 could be for Taiwan 1100. In addition, the Chinese appear to be deterring mainland listening to Hong Kong & Macau by constructing transmitters near these areas simply for purposes of interference & putting them on adjacent frequencies, either modulated or unmodulated. There is no actual jamming as such.

Thanks to our travelling member Pete Taylor for sharing in the DX highlights of his trip. Regretably space allows us to print a sampling only. Pete would like comments on any of his unidentified stations. His address is 2614 Jackson Street, San Francisco, California 94115.

## CAN-AM REPORT

BRAZIL Projected are 2 govt stations located at Brasilia of 50kw day/600kw nights on 800 and 980kHz. There are also a further 13 100kw daytime and one 200kw daytime stations projected for MW. Adam Gaffin via Hauser IRCA

HONDURAS The military govt was to inaugurate a radio station on 28/2 called "Radio Honduras" to operate on 840kHz under supervision of the Ministry of Culture, Tourism & Information. BCC MS(c)

MONTSEERRATT Radio Antilles (pronounced on-Tee) has FF 0930-1700 on 740, 1700-0600 on 930, and EE 0930-1700 on 930, 1700-0600 on 740. via NRC

6.30am Mon-Sat and 6am-8am Sundays local time 'The Voice of the Portuguese Community' is aired in PP. Ident on the hour is 'KCEY-Turlock'. Wyn Machon

KCEY, Box 170, Turlock, California 95380, USA is the dominant American station on 1390kHz. Staff member Marty Mitchell, in a letter dated 8 January wrote:

"The management wants all reception reports to have an International Reply Coupon enclosed or sufficient postage for the verification, so may -be you could pass that information along by way of the DX Times."

KCEY is on air 5.30am-2.00am Monday to Saturday and 6.00am-10.00pm Sunday local time. Modern country music is featured through the day, with 'Weathervane' 15 minutes after each hour, American Entertainment News (ABC) at 30mins past the hour. Local news is aired at 45mins past the hr and 2mins to the hour. From 5.30am-



# LISTINGS BY CONTINENTS

A very good response to the return of the League's Continents Listings! Note that Central America is included in North America. An asterisk against the Oceania total for shortwave indicates inclusion of QSL(s) from Antarctica in that figure. In future listings contributors will be asked to supply their best QSL from a nominated continent - next time will be SEPTEMBER, and the featured continent AFRICA. Thanks to all who contributed this time around!

## BROADCAST

	<u>A/NZ</u>	<u>Ocia</u>	<u>S.Am</u>	<u>Nth.Am</u>	<u>Eur</u>	<u>Afr</u>	<u>Asia</u>	<u>Cnts</u>	<u>Total</u>
Arthur Cushen	390	98	20	1129	125	26	415	142	2203
Merv Branks	599	102	9	915	55	6	412	132	2098
Keith Robinson	364	73	23	1228	105	8	250	110	2051
Laurie Boyer	239	42	6	707	85	14	161	89	1254
Ray Crawford	311	63	18	275	80	12	272	118	1031
Eric McIntosh	349	60	2	316	56	5	120	84	908
Sutton Burtenshaw	276	60	17	336	34	3	108	90	834
Robin Chambers	255	?	9	269	87	18	176	103	814
David Ricquish	254	55	4	123	6	0	43	47	485
Chris Martin(NSW)	106	36	4	121	60	19	107	117	452
Hank Wilkinson(USA)	22	31	79	146	14	2	93	69	387
Bryan Clark	90	43	14	158	19	2	37	70	363
Paul Ormandy	142	13	2	36	3	0	15	28	213
Jim Benzoni	159	17	2	50	0	0	9	23	237
Paul Rawdon	91	10	1	19	0	0	5	16	126
Ash Nallawalla	91	5	3	10	1	0	6	15	116
Bruce Cavanagh	95	?	0	13	3	0	4	19	115
Gavin Bennett	66	8	0	26	1	0	6	18	107
Philip Brooks	77	6	2	7	0	0	3	11	95
Philip Hope	45	3	0	9	0	0	0	6	57

## SHORTWAVE

Barry Williams	73	77	106	255	542	464	462	204	1979
Ray Crawford	95	58	91	129	495	98	276	139	1242
John Mainland	26	35	117	97	530	198	228	171	1231
Bryan Clark	123	38*	58	133	351	220	145	158	1068
Laurie Boyer	80	94	94	43	196	65	?	107	631
Eric McIntosh	65	70*	35	103	179	57	102	110	612
Jim Benzoni	43	34	29	69	153	26	89	86	443
Bruce Cavanagh	39	?*	19	18	125	23	89	?	314
Paul Ormandy	34	18	10	49	111	21	59	77	302
Paul Rawdon	19	8	28	26	108	13	68	62	270
Cecil Symmes	43	9	10	39	92	12	52	65	257
Jonathan Aitchison	31	13	21	25	89	8	56	64	243
Bill Vogel(Adelaide)	30	11	9	21	70	24	41	90	206
Brian Gall	11	7	7	24	76	11	52	73	188
Brent Allred	14	1	38	9	75	5	26	31	168
Alex Wellner(NSW)	17	?	9	8	49	9	28	67	112
Philip Brooks	9	1	0	4	6	0	3	10	23

TWR SWAZILAND sked, from 1 April.

...continued from page 14.

- 6070 0715-0900 daily in EE, 1700-1730 Sundays in Nyanja.  
 9590 0445-0700 Wed, from 0500 Thu, Sun from 0515 Tue, Wed, Fri - all in Afrikaans and English.  
 7255 1900-2000 daily in Portuguese.  
 11760 1545-1615 Swahili daily, 1615-1645 in CC daily. 0715-0900 EE.

Thanks to Colin Miller for more up-to-date info on the African scene!

BROADCAST TRAIL(Morning)(from Page 5)

- 1546 Vinnitsa 1700-1810 good.PC,RCr  
 1554 Nice regular 1800-1830.RCh.RCrPC  
 1575 Sharjah AA 1600.RCr.1800 reg.RCh  
 1578 Italian chain weak-fair 1815.RCh  
 1580 FEN Iwakuni 1800 fair. RCr  
 1586 Langenburg exc 1815.RCr.Fair.RCh  
 1602 Munich exc 1800.RCr.Often. RCh

CONTRIBUTORS Robin Chambers, Ray Crawford, Paul Ormandy, Philip Brooks, Paul Rawdon, Bryan Clark, Laurie Boyer.

AN EXCELLENT EFFORT!

# LEAGUE LADDERS

Broadcast

Shortwave

DIVISION	Dec	April	Inc	Cnt
<b>GOLD STAR(over 1250)</b>				
Arthur Cushen	2193	2202	9	141
Merv Branks	2075	2081	6	132
Keith Robinson	2046	2051	5	110
<b>GOLD ACE.(1001-1250)</b>				
Laurie Boyer	-	1254	-	89
Ray Crawford	1017	1031	14	118
<b>SILVER ACE(751-1000)</b>				
Eric McIntosh	897	908	11	84
Robin Chambers	796	-	-	103
Sutton Burtenshaw	819	-	-	88
<b>ACE (501- 750)</b>				
Stan Larking	684	-	-	84
Dene Lynneberg	669	679	10	82
Graeme Shillito	612	624	12	64
<b>SENIOR (301-500)</b>				
David Kicquish	473	485	12	47
Chris Martin	405	429	24	113
Paul Aronsen	413	414	1	-
Ray Babbage	381	388	6	30
Hank Wilkinson	-	387	-	69
Bryan Clark	344	363	19	70
Brian Withers	359	-	-	-
<b>INTERMEDIATE(151-300)</b>				
Lance Johnston	276	-	-	-
Jim Benzoni	235	-	-	22
Paul Ormandy	151	213	62	28
Alan Robson	181	203	22	25
Lindsay Robinson	198	201	3	25
Sinclair Bennett	190	193	3	10
Des Davey	163	168	5	-
<b>JUNIOR(51-150)</b>				
Jack Searle	141	144	3	17
Ash Nallawalla	51	134	83	16
Paul Rawdon	117	126	9	16
Brian Olliver	115	116	1	5
Bruce Cavanagh	104	115	11	19
Gay Johnston	114	-	-	-
Michael Smith	112	114	2	8
Andrew White	100	108	8	13
Gavin Bennett	92	107	15	18
Graeme Hammond	88	94	6	11
Pamela Sutton	93	-	-	-
Philip Brooks	81	90	9	9
Stuart Forsyth	-	60	-	5
<b>NOVICE(1-51)</b>				
David Feldon	42	57	15	8
Philip Hope	-	57	-	6
Jack Farrow	47	50	3	4
John Allchin	-	59	-	6
Steven Greenyer	38	41	3	23
Colin Campbell	32	-	-	-

DIVISION	Dec	Apr	Inc	Cnt
<b>GOLD STAR(over 1250)</b>				
Arthur Cushen	4217	4257	40	228
Dene Lynneberg	1955	1976	41	184
Barry Williams	1969	-	-	202
Stan Larking	1262	-	-	122
<b>GOLD ACE(1001-1250)</b>				
Tony Marr	1247	-	-	195
Ray Crawford	1227	1242	15	139
John Mainland	1217	1231	14	171
Ray Babbage	1193	1202	9	120
Bryan Clark	1053	1068	15	158
John Durham	1002	1052	50	118
<b>SILVER ACE(751-1000)</b>				
Hans De Jong	996	1005	9	89
Bill Huddleston	966	968	2	115
Brian Withers	882	-	-	-
<b>ACE(501-750)</b>				
Lindsay Robinson	700	714	14	112
Jack Searle	650	685	35	98
Laurie Boyer	-	631	-	107
Eric McIntosh	606	612	2	110
Des Davey	524	608	84	-
<b>SENIOR(301-500)</b>				
Paul Aronsen	491	500	9	-
Jim Benzoni	430	438	8	85
Austin Hadler	343	390	47	69
Lance Johnston	389	-	-	72
Alan Robson	345	369	24	73
Peter Greener	337	-	-	75
Steven Greenyer	302	306	4	117
<b>INTERMEDIATE(151-300)</b>				
Bruce Cavanagh	257	314	61	83
Paul Ormandy	189	302	113	77
Paul Rawdon	257	271	14	62
Bob Boundy	248	-	-	55
Cecil Symmes	212	257	45	65
Jonathan Aitchison	229	243	14	62
Colin Campbell	240	-	-	58
Michael Smith	201	218	17	55
Jack Farrow	202	217	15	46
Bill Vogel	179	206	27	90
Brian Molloy	169	181	12	47
John Martin	180	-	-	53
Paul Edwards	152	177	25	81
<b>JUNIOR(51-150)</b>				
Brent Allred	87	168	81	31
Ian Wells	117	119	2	56
Wyn Machon	113	141	28	45
Gary Butler	100	118	18	58
Alex Wellner	88	112	14	67
Graeme Hammond	104	109	5	27
Gay Johnston	94	-	-	36
David Feldon	80	88	8	27
Andrew White	59	59	-	26
<b>NOVICE(1-51)</b>				
Peter Mott	50	61	11	32
Ash Nallawalla	45	58	13	30
L. Missen	-	49	-	24
Pamela Sutton	38	-	-	-

Welcome to a new face from Bellevue Washington Hank wilkinson. Also greetings to L.Missen another new face. My apologies to Cecil Symmes who was missed of the last ladders, and to Wyn Machon who was in the wrong group.

**SOLD OUT**

**DX MARKET!**

**132 SOLD**

Yes, that's right - our tuning condenser scoop brought us 17...  
We knew you'd turn your

P.O. Box 2956, Wellington

# LATIN AMERICAN SURVEY

A run-down of all Latin American stations reported to Shortwave Bandwatch between January and December 1975, by NZ members. Our thanks to Alex Wellner for compiling the listing. Times of best reception given except where stated.

- 3240 Radio America, Peru. 0630.  
 3255 La Voz del Tigre, Ecuador 1000-1100.  
 3300 Radio Cultural, Guatemala 0430.  
 3325 Ondas Quevenadas, Ecuador 0630.  
 3360 Voz de Nahuala, Guatemala 0430.  
 3365 Radio Puerto la Cruz, Venezuela around 0530.  
 3380 Radio Iris, Ecuador 1115.  
 3385 Radio Hit Musical, Guatemala at around 0430.  
 3390 Radio Zaracuy, Ecuador between 0430 and 1015 GMT.  
 4680 Radio Nacional Espejo, Ecuador 0430-0830 most of the year.  
 4751 Centinela del Sur, Ecuador between 0400 and 1100.  
 4755 Emisora Nueva Mundo, Colombia best around 0600.  
 4770 Radio Bolivar, Venezuela 0400.  
 4785 Ecos del Combiema, Colombia between 0600 and 0730.  
 4790 Radio Atlantida, Peru 0600.  
 4797 Radio Nueva America, Bolivia at 1030 GMT.  
 4800 Radio Lara, Venezuela. 1030.  
 4805 Radio Dif. do Amazonas, Brazil around 1130.  
 4807 Radio Popular Independiente, Ecuador 0630-0830.  
 4810 Radio Popular, Venezuela 0745.  
 4815 Radio Samaren, Peru at 0445.  
 4820 Voz Evangelica, Honduras 0400.  
 4820 Radio Paz y Bien, Ecuador 1000.  
 4825 Radio Luz y Vida, Ecuador 0645.  
 4825 La Voz de la Selva, Peru 0900.  
 4832 Radio Capital, Costa Rica from 0600 till 1100.  
 4840 Radio Andahuayalas, Peru 0300.  
 4850 Radio Clarin, Dominican Rep. between 0400 and 0900.  
 4855 Radio Clube do Para, Brazil 0630  
 4860 Radio Maracaibo, Venezuela 0900.  
 4865 Voz del Cinaruco, Colombia 0630.  
 4875 Radio Jornal do Brasil 0450.  
 4875 Voz de Esmeraldas, Ecuador 0530.  
 4880 Radio Universo, Venezuela 1030.  
 4890 Radiodif. Venezuela 0330-0400.  
 4905 Radio Relogio, Brazil from 0230.  
 4910 Em. Gran Columbia, Ecuador 0530.  
 4920 Radio Progreso, Honduras 0400.  
 4923 Radio Quito, Ecuador around 0500  
 4930 Radio Mil, Dominican Rep. 0415.  
 4935 Radio Copixaba, Brazil at 0830.  
 4940 Radio Nacional, Ecuador 0345.  
 4945 Radio Colosal, Colombia 0430-1100  
 4950 Radio Coro, Venezuela 1000-1100.  
 4955 Radio Nacional, Colombia at 1115.  
 4965 Radio Santa Fe, Colombia 0530-0800  
 4970 Radio Rumbos, Venezuela 0800.  
 4975 Radio del Pacifico, Peru at 0430.  
 4980 Ecos del Torbes, Venezuela 0300 and 1000.  
 4985 Radio Brasil Central at 0500 on.  
 4990 Radio Barquisemeto, Venezuela 1045  
 4995 Radio Andina, Peru 0400 - 0700.  
 5005 Radio Universo, Bolivia at 0300.  
 5010 Radio Surcolombiana, Colombia 0630 to 0830.  
 5025 Radio Splendit, Ecuador 0430-0530.  
 5030 Radio Continente, Venezuela often at 0430, again at 0930.  
 5035 Radio Aparecida, Brazil 0400.  
 5040 Radio Libertad de Junin, Peru 0600 through 0830.  
 5040 Radio Maturin, Venezuela at 0745 when Libertad de Junin off.  
 5040 Radio Cinco, Colombia 0400-0600.  
 5049 Radio Mundial, Venezuela at 0530.  
 5050 Radio Loreto, Peru around 0600.  
 5075 Radio Sutatenza, Colombia every night, 0930.  
 5095 Radio Sutatenza, Colombia 0930.  
 5950 Radio Super, Colombia 0600-0800.  
 5975 Radio Guaruja, Brazil at 0930.  
 5967 RTV Dominicana, Dominican Republic around 0540.  
 6000 Radio Inconfidencia, Brazil 0830.  
 6006 Radio Reloj, Costa Rica 0800-0900.  
 6015 Radio Clube de Pernambuco, Brazil best heard around 0815.  
 6015 Emisoras Paraguay 0830-0900-.  
 6025 Radio Nacional, Paraguay at 0900.  
 6030 Radio Nacional, Colombia 0445.  
 6035 Radio Panamericana, Bolivia 0430 and at 1015.  
 6035 Radio Globo, Brazil 0815.  
 6040 Voz del Tolima, Colombia 0945.  
 6045 Radio Cl. Paranaense, Brazil 0730.  
 6045 Radiodifusora de Uruguay, once 1015  
 6055 Radio Continental, Peru around 0730  
 6060 Radio Nacional, Argentina 0930-1200  
 6066 Radio Super, Colombia 0400-0700.  
 6075 Radio Sutatenza, Colombia at 0915.  
 6085 Radio Comercial de Recife, Brazil around 0900.  
 6095 Voz del Centro, Colombia 0700-0830.  
 6115 Radio Union, Peru heard around 1115.  
 6120 Radio El Mundo, Argentina 0745.  
 6125 Radio Continental, Colombia 0730.  
 6125 Radio Universidad, Chile 1145-1230.

CONTINUED ON PAGE 12.

us 47 covers in 30 days. They must be a good buy! Limited number left. \$1 ea; 4 for \$2.56; post paid. BUY A BOX!

head to read about these bargains!

Pennants!  
 Digital Clocks!  
 Metal Boxes!

# TV X FM D

with  
**Brian Oliver**  
generate further interest. We welcome news of your activities and so help & encourage fellow members.

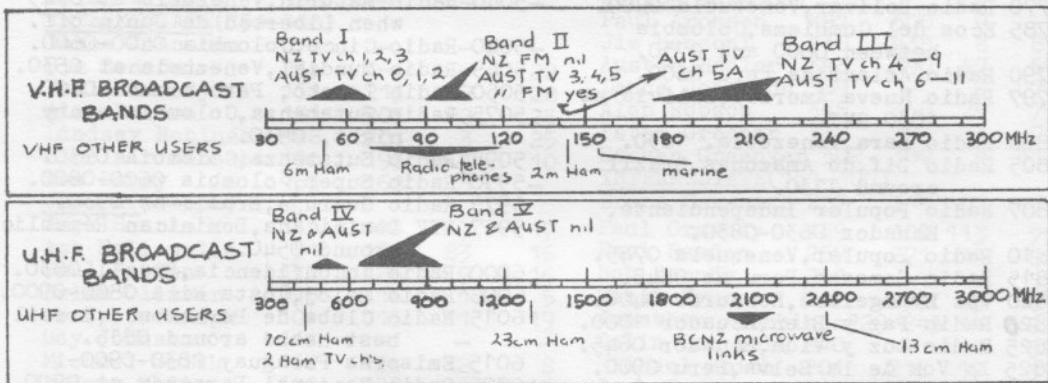
You're watching your favourite TV show when you notice some annoying interference on the screen. While thinking about calling your friendly serviceman you try turning the channel selector. Much to your surprise all those 'empty' channels are producing pictures and sound. You see announcers & programmes you never saw before. Unusual? Not really! What you have just experienced is DX on the TV bands. Likewise with the FM bands. What a fantastic thrill! There's been a growing interest shown in this area of our hobby and I am happy to edit a regular half page or so in which we hope to

Although the conditions for propagation needed in these very high frequency (VHF) bands is past it's best and not a great deal can be expected to be log-ged, I will run a series covering such aspects as propogation, receivers, aerials and reporting. This I hope will prepare us for the start of another TV/FM DX season beginning towards the end of the year.

**MAILBAG.** When writing to us about your loggings please mention the network or callsign, the channel number and if possible the transmitter site, eg TV1 ch.6 Mount Rochfort, SI, NZ. Correspondence is acknowledged from Andrew Mitchell, Roy Knox, Paul Ormandy and Des Davey.

Now for the first part of our series, let's see where the parts of the radio spectrum we are interested in fit into the general pattern of things.

## 1. Very High Frequency and Ultra High Frequency Spectrums.



Since TV channels differ slightly from country to country, consult the WRTVH for exact frequencies.

### LATIN AMERICAN SURVEY cont. from Page 11.

- 6135 Radio Gaucha, Brazil at 0825.
- 6150 La Voz de Huila, Colombia 0700.
- 6160 Emisoras Nueva Granada, Colombia best around 0830.
- 6175 Radio Guarani, Brazil at 0830.
- 6185 Radio Bandierantes, Brazil 0830.
- 9505 Radio TV Dominicana 2330-0130.
- 9562 Radio Nacional, Peru around 0545
- 9565 La Voz de Chile 0500-0600.
- 9590 Radio Presidente Balmaceda, Chile, best around 0100.
- 9595 Radio Cultural, Brazil 0100.
- 9635 Radio Aparecida, Brazil at 0200.
- 9645 Radio Bandierantes, Brazil 0945.
- 9660 Radio Rumbos, Venezuela 0300.

- 9690 RAE Argentina around 0700.
- 9750 Radio Minería, Chile 0500-0530.
- 11700 Radio Clarín, Dominican Rep 2000-
- 11780 Radio Belgrano, Argentina 0130(0230
- 11780 Radio Nacional de Brasilia, Brazil 1830-2130. Alternately 1524.5kHz.
- 11805 Radio Globo, Brazil 2200-0130.
- 11815 Radio Brasil Central at 0500.
- 11835 Radio El Espectador, Uruguay 0300.
- 11865 Radio Clube de Pernambuco, Brazil around 0030.
- 11925 Radio Bandierantes, Brazil 0130.
- 15150 La Voz de Chile best at 0400.
- 15335 Radio Nacional, Colombia 0000.
- 15390 Radio Nacional, Venezuela 2330.

GOOD LISTENING!

# Shortwave Mailbag with Tony Marr 13

A good lot of contributions this month, and also a good number of entries for the BOM; let's keep this up in future months too. Cecil Symmes reports having received a "diplome" from Radio France in the absence of the usual QSL, and is wondering if anyone else has had problems recently in verifying Paris. Now to the mail:

BRUCE CAVANAGH Invercargill has 7 out and verifies from RA 9760 Singapore 5010 Veritas 1510 Kuwait 21685 RN Talata 17810 RSA 15125 ETLF 15250 VOA Tangier 5965 BBC 21610 RAI 7275 Moscow 15200 9520 7150 SBC 11840 9725 3985 Finland 15105 6120 ORF 17765 TWR Bon 15255 Colombia 15355 plus a pennant from Finland and stamps from Veritas. Nice collection, Bruce.

GRAEME BAMFORD Tauranga has 3 away and QSLs from RA 9580. A loner, maybe more next month.

BRYAN CLARK Wellington has sent 5 off and has had success with Israel 21625 TWR Swazi 3275 RA Shepp 15270 17740 Poland 3955 with 100kw stated.

BARRY WILLIAMS Auckland has QSLs from Kota Kinabalu 15290 Brasilia 11780 ETLF 15250 VOA Tangier 9770. Ta.

CECIL SYMMES Wellington has them back from RA 6045 11725 15300 9515 9530 9580 VLH15 15230 BBC Cyprus 15420 BBC 7150 VOA Tangier 7220 Hanoi 15012 Moscow 11960.

LINDSAY ROBINSON Invercargill has 5 away and answers from Saudi 7250 ORF 17850 with a sticker Moscow 17805 Athens 21460 Saudi 6085 LRL 6120 also with a sticker. Good going.

DENE LYNNEBERG Wellington has 4 away and QSLs from VOFC 15370 Sweden 9765 AWR Malta 9755 ORF 11750 Vatican 17705 Qatar 9570 \*Dimension 146 km. Diego de Almagro\* Santiago; 9650 with 1kw. Very good.

DAVID FELDON Rotorua has one back from NHK 17880. Ta, more next time.

BILL VOGEL Adelaide has 5 out and 5 back SBC 9590 Sofia 9730 9700 and a special EDXC QSL from RN Bon 11730. Maybe that was "4" back....

ARTHUR KINDELL Levin has 3 out and has heard from Oman 11890 FEBA 11715 RN Talata 11700 Morobe 3220 AIR 9912. Some goodies there, Arthur.

PAUL RAWDON Lower Hutt has sent 17 off and has had answers from RAE 9690 Peking 9780 BBC 15370.

JACK SEARLE Haumoana has a good list NHK 9700 RNZ 9585 ZK6 3265 Athens 21460 Kabul 15195 RA 6005 9515 17715 SBC 11840 RN Bon 21635 IBA 5950 VOA Munich 3980 KBS 11850 BBC Tebrau 17880 AIR 7150 Ghana 6130 Qatar 9570 You're doing very well indeed.

JONATHAN AITCHISON Dunedin has QSLed Moscow 11690 RA 6045 Bucharest 15250 with a pennant Cuba 11930 KBS 9600 FEBC 15390.

STEVEN GREENYER Invercargill has + to be proud of HCRQ1 4923 Diego de Almagro 9650 Burma 5040 Nepal 5000 after 2 years and 2 days. Better late than never, I guess.

PHILIP HOPE Oamaru has 10 out and replies from BBC 3975 Kuwait 3975 Bucharest 15250 RA 15270 6005 VOA 7160 Finland 6120 Poland 9675 7145 and a pennant.

ALAN ROBSON Christchurch has them from Bucharest 9530 RNE 11775 9630 Sweden 9605 RA 15230 VOA Gvle 11760 Malaysia 15290 Pakistan 15520 Cuba 15230 Veritas 1510 BBC Woff 9915 RNZ 6105. Thanks.

AUSTIN HADLER Christchurch has an enormous list WYFR 15130 KBS 9600 Finland 6120 Moscow 7360 Prana 9630 RNZ 9520 Bucharest 6310 11830 11840 17790 Red Cross 7210 Athens 7215 RN Talata 17810 11730 FEBC 15390 Oslo 17790 NHK 9505 VOFC 17890 RAE 11710 BBC 3952.5 ORU 6080 ETLF 11800 15230 RA 9515 11940 TWR Monaco 7280. You've been busy....

PAUL EDWARDS Wellington has new countries with Peking via Tirana 9780 Bangladesh 21685 Luxembourg 6090 ZK6 3265 BBC Ascension 9510 RAE 9690 VOFC 17890 17720 15125 15370 11823. Good stuff.

ALEX WELNER Sydney has 4 away and QSLs from Central Districts 290 in 7 days Cairo 9475 Paris 15000 SBC 6165.

ARTHUR CUSHEN Invercargill has a good list with HIDA 9885 RA 9515 9540 Tallinn 6085 FEBA 11715 RNE 11725 11730 Hanoi 12035 Vatican 11715 RA Carnarvon 9560.

RAY CRAWFORD Invercargill has 4 back from RNZ 9585 15130 Athens 5960 YVMR R. Coro 4950. Send them away to get them back....

ASH NALLAWALLA Dunedin has just 1 out with 2 back from AIR 11770 9735. They all help the total.

PAUL ORMANDY has 3 out and QSLs from Kaliningrad 7150 Irkutsk 7200 Bucharest 15250 VLH9 9680 HCJB 9560 WYFR 9690 7 from RNZ 3 from Peking RSA 5980 Lisbon 15115 15340 8 from VOA 5 from Paris SBC 9590 9535 Poland 7145. Please make sure you put your name on each sheet of paper. Ta.

BRENT ALLRED Motueka has 17 out and QSLs from SBC 9590 Praha 11855 VQO 5020 NHK 15310 RN 11730 RA 9530 TWR Bon 11925 RNZ 6105 Moscow 11690 9780 Bucharest 11940 HCJB 11915 9745 6130 Kota Kinabalu 15275.

WYN MACHON Invercargill has 2 month's veries Lagos 7275 RNZ 9520 Israel 7462 Athens 7140 5960 Peking 9460 RN Bon 11730 HK 9505 17880 Algeria 7245 RA 11930 17870 15320 9760 9570 Iran 9022 BBC 21610 Praha 21700 6055 ORF 6155 17850 Moscow 9780 Tirana 11985 Cuba 11815 Bucharest 9690 AFTS 6095 YVLK 4970. You've been busy too.

JOHN MAINLAND Wellington has 2 back from Algeria 6160 Messias RTE 9670.

JIM BENZONI Hamilton has 3 logs in Bandwatch and QSLs in from RNZ 9585, AIR 9525 & Cooks 3265 making 86 countries verified.

NIGEL ROBINS, Wainuiomata but soon moving to Ngatea on the Hauraki Plains, has QSLs from Bangladesh 9555, Malaysia 15275, Spain 11880, Israel 12080 & Nac. Colombia 15335.

TIM McSWENEY Queensland has 21 out and QSLs from VQO5 5020 SBC 11840 NHK 15310 Malaysia 15310. Rule 4 means that you must have at least 10 SW QSLs before joining the ladder, Tim.

IVOR HILL Bluff has a largish list RN 9715-9770 11730 DW 9735 9605 HCJB 6130 RA 9730 9625 11870 Peking 11720 11600 9030 Praha 11990 9505 RNE 6065 8 from NHK RNE 11775 Warsaw 9675 plus pennant Moscow 11770 also with another pennant VOA 9750 11770 UN 9555 5955 Sweden 6065 also with pennant Budapest 11910 FEBC 11855 Vatican 11775 9590 BBC 9600 Bucharest 11940 AIR 11740 9912 Tirana in the 25mb. You're doing well with those pennants !

JOHN DURHAM Meremere has some good ones back RBI 15125 UN Gvle 11935 FEBA 15325 RAI 7235 VOA Tangier 9505 VOA Daventry 7207 RA 17740 15175 9730 VOA Colombo 11740 Budapest 17865 HCJB 11835 LRA32 9690 Met Radio 6900 OEY21 6235.

## **BEST OF THE MONTH**

### OVER 9 MHZ

RSA 15125 250kw

Bruce Cavanagh

### UNDER 9 MHZ

TWR Swaziland 3275 30kw

Eryan Clark

RAY BABBAGE Wellington, at the rear of the field, with veries from Saudi Arabia 11950, RNZ 15130, Seoul 9600, Liberty 11865, Portugal 9740, Cook Islands 3265, Budapest 17865, Milne Bay 3360 and Liberty 9555. Tx!

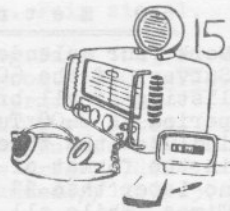
TWR SWAZILAND's schedule effective 1/4.

3240 1700-1745 Mon, Tue, 1700-1800 other days, 1800-1830 Mon-Sat, in Zulu etc  
3275 1630-1700 in GG, 1700-1745 Afrikaans 1800-2100 in EE, all daily.  
4760 1515-1530 Tshwa daily, 1530-1630 PP daily, 1630-1645 Sun, Tue, Fri-Macua.  
4790 1630-1845 in PP Mon, Wed, Sat. 0500-0700 Sun, Thu (from 0445 Mon, Wed. From 0515 Tue, Fri, Sat) in EE/Afrikan  
5950 1700-1745 Afrikaans, 1800-2100 EE.

Continued on page 9.

# SHORTWAVE BANDWATCH

coordinated by JOHN MAINLAND



While reception on the higher frequencies has not been reliable, much is being heard on the tropical broadcast bands. Highlights this month include an all-night Colombian La Voz de los Centauros; Austrian Army Radio on a new frequency; Radio Nacional, Bogota, Colombia in the 31 metre band; morning reception of Radio 4VEH indicates unusual reception conditions; Radio Veritas has a new 19 metre band frequency; and finally, 'Malta Calling' is also on a new channel.

ALL FREQUENCIES IN KILOHERTZ ALL TIMES GMT (Add 12 hrs for NZT)

<u>FREQ</u>	<u>TIME</u>	<u>COUNTRY</u>	<u>STATION</u>	<u>PROGRAMME &amp; RECEPTION DETAILS</u>	<u>INITS</u>
3223+	1130	INDONESIA	RRI Mataram	poor with II anncts and mx.	BV
3240	0510	PERU	Radio America	fair with het. SS Mx prgm 29/3.	PE
3290	0730	GUYANA	Action Radio,	guitar int/sig till 0800, then s/on EE ident, followed by prgm 'Music for you'. Poor.	PE
3295	1408	INDONESIA	RRI Samarinda	fair with mainly spoken prgms.	JD
3300	0558	GUATEMALA	TGNC Radio Cultural	good, regular late March with full SS ident. Abrupt s/off 0610.	BC
3306+	1857	RHODESIA	Gwelo	poor in vernacs with ident 1900.	DW
3315	1445	INDIA	AIR Bhopal	fair with local music prgm.	JD
3316	0655	SIERRE LEONE	SLBS Freetown	best 0655-0712. BBC Nx 0700, then local notices. Also 1838 22/3. EE id 1858, vernac nx 1900.	PE
3350	0600	GHANA	Radio Ghana,	Ejura fair with EE nx //4915. DL.0600 fair.	PE
3350+	1912	GABON	Franceville	fair with FF ident at 1916.	DW
3366	0600	GHANA	Accra	EE nx, then commercial service, good 24/3. F/out by 0620. PE.0615 Rothmans advts, fair. DL.0644 vernacs vg.	PO
3380	1800	MALAWI	Blantyre	EE nx, wx, quiz prgm. Overall poor. PE 1802 Quiz prgm past 1830, fair. NR 1938 fair in vernacs. EE id 2000.	DW+
3396	1847	RHODESIA	Gwelo	very poor with EE. Slight het. PE.1920 EE fair.	DW+
3425	1224	NEPAL	Kathmandu	good with local type music prgm.	JD
3560	1229	NORTH KOREA	Pyongyang	fair in EE. JD.1144 cmtry in RR fair.	BV+
3700	1402	CHINA	Peking	s/on fair in unid Asian lang.	JD
3840	1240	UNIDENTIFIED	station,	poor with Koran readings 29/2. JD. Indonesia?	
3905	0949	ADMIRALTY IS.	Radio Manus,	light mx, nx, good. AK.1259 EE ident.	RB
3910	1251	JAPAN	Far East Network,	Tokyo poor with Jazz pgm. JD.1150 pops	BV+
3915	1500	MALAYSIA	BBC Tebrau	s/on. EE nx prgm Radio Newsreel, v.g.	NR
3950	0800	NEW HEBRIDES	Voice of Nagriamel (Radio Tanabu)	here 2/4 good but Vila 3945 splash dominating by 0830. S/off 1000. Island mx ("Pack up your troubles in your old kit bag" often hrd), political haranging in Pidgin. On 29/3 & 30/3 was on 3955. No sign on 41m. Recent press cfms last month's editorial. BC	
3975+	1150	INDONESIA	RRI Surabaya	fair in II with local & EE mx. Id 1200BV	
3990	0530	LIBERIA	VOA Monrovia	just audible with Breakfast Show, Sunday before RFE Polish Service s/on 0555.	BC
3995	2000	WEST GERMANY	Deutsche Welle	with German prgm.	AC
4680	0515	ECUADOR	Radio Nacional Espejo	SS mx, fair-good. AK.0540 freq ids. JD.0540 HCWE1 poor SS S/off 0600. RH.0638 very good SS.	PE
4720+	1420	INDONESIA	RRI Ujung Padang	anncts, talks in Indonesian, fair.	BV
4755	0601	COLOMBIA	Emisora Nuevo Mundo	vg strength with frequent ids for 'CARACOL' network, but bad heterodyne.	BC
4761+	1121	INDIA	AIR Simla	with slow Indian chant.	AW
4764+	1135	INDONESIA	RRI Medan	good. Others around this time: Fak Fak 4790, RRI Sorong 4871, RRI Jambi 4927 - all good.	AW
4770	1846	LIBERIA	ELWA	good in vernacs till f/out 1858.	PE
4777	0545	GABON	Libreville	poor in FF with Highlife mx, under teletype.	PE

Mark your calendar now to prepare for your participation in our 1976 Band Survey, of the 60 metre band (slightly extended). We want to compile a listing of all broadcasters monitored between 4700kHz and 5100kHz. Survey period is 0400 Tuesday 1 June through to 2000 GMT Tuesday 8 June, which includes the three-day Queens Birthday Weekend Holiday. Entries are to be in the format of SW Bandwatch, and must be mailed to Box 2956, Wellington no later than 11 June, to enable preparation for publication in the July Times. While all stations count, we would like special emphasis on Latin American and African stations. We need your support!

<u>FREQ</u>	<u>TIME</u>	<u>COUNTRY</u>	<u>STATION</u>	<u>PROGRAMME &amp; RECEPTION DETAILS</u>	<u>INITS</u>
4780	1932	AFARS & ISSAS,	Djibouti fair with AA mx.S/off	2005 after drums.	PE
4790	1135	INDONESIA (IRIAN BARAT)	RRI Fak Fak fair with mx.	PE.1150 II id.	DW+
4790	0555	PERU OAX8F	Radio Atlantida, Iquitos fair at s/off.	0545 exc with regular prgm 'El desfile espectacular de la medianoche' - a countdown of pop music in Peru.	FE.0955 SS mx, good. RE.1056 gd. PO
4800	1055	VENEZUELA	Radio Lara YVMO very good in SS.		PO
4800	0714	ECUADOR HCMB5	Radio Popular fair.	PO.0800 good SS.JD.0854 vg.	RHBA
4805+	1210	INDONESIA RRI	Jakarta fair with Indonesian news.		BV
4810	0705	VENEZUELA	Radio Popular with SS mx, poor.	Ltr.(Extended sked?)	
4810	0508	SOUTH AFRICA SABC	Springbok Radio in Afrikaans & EE peaking fair 28/3.F/out 0538. Also this day on 4875 Afrikaans & 4835 EE poor. All 3 hrd again several times since around 0455.		BC
4820	0640	GAMBIA Banjul	very poor with local mx, vernac anncts 30/3.		FE
4830	1310	THAILAND	Radio Thailand in Thai with Network Nx, good. Xylophone & full id 1330 as "Thini Sathani Withayu K'rachaisiang Hang Prathet Thai..."		NR
4832	0735	COSTA RICA TIHB	Radio Capital mx, plenty ids in SS.	Good. JD. PO.	RH
4835	0520	SOUTH AFRICA SABC	fair in EE with slight splash	Capital 2/4.	FE
4843	0731	CONGO RTC Pt Noire	indig mx, FF anncts fair-good. 0606 vg vern.	PO (Times & propogation suggest to me that this may be Mauritania ex 4850, now signing on 0600. See below. BC.)	
4845/	0558	MAURITANIA	Nouakchott. Tuning call then s/on in AA at good level.	DL	
4847			FF later. BC.0647 fair. PR. 0740 fair-good often. Seems settled on 4847 at present.		FE
4845	1030	BOLIVIA	Radio Fides fair at s/on with same int/sig as Vatican Radio. Announces as 'Servicio Jesus Christus'.		SG
4853	1700	YEMEN	Radio Sanaa id vg then AA nx. PO.1813 vg with id 'Huna Sanaa. PE.1845 mx, talks in AA, fair. AK. 1847 AA Mx, fair.		BCa
4855	0915	BRAZIL	Radio Clube de Para fair-good in PP with songs, mx.1 id.	DL	
4870	0558	BENIN (ex DAHOMEY)	Cotonou s/on with FF ident Sundays. Regular but poor signals. BC. 0545 poor in French. Weak with noise.		FE
4890	1000	VENEZUELA	Radiodifusora Venezuela atop Papua New Guinea, using Latin aerial at Tiwai listening site of Southland Branch.		SG
4890	0605	SENEGAL	Dakar fair with Koran readings in Arabic.		DL
4915	0600	GHANA	Accra vg with EE news. Best African at present.	DL. Fair.	PR
4915	1821	KENYA	Nairobi poor with Swahili talks. Mixed teletype.		FE
4915	0515	COLOMBIA	Radio Guatapurí fair but telegraphy QRM. Id s/off 0530.	DL	
4930	1000	DOMINICAN REP.	Radio Mil fair with long nx prgm 'Radio Mil Informando' by two male announcers.		SG
4940	1048	VENEZUELA	Radio Yaracuy YVPA very good with sports.		PO
4950	1815	KENYA	Nairobi central vernacs service fair-good, but with het.		FE
4955	0447	COLOMBIA HJCQ	Radio Nacional mx, ids, fair. JD. 1155 SS mx, noisy.	AW+	
4972	0532	CAMEROUNS	Yaounde fair in FF at this time. DL.0548 EE. FF 0600.	BC	
4980	1000	VENEZUELA	Ecos del Torbes s/on with full SS id, English ident 1003. FE. Often good at s/on. PE 1047 YVOC vg, idents often.		PO
4980	0559	GHANA	Accra with advt for "Rothmans Kingsize" then EE news link //4915. Good. BC.0600 fair. DL. Back to Commercial Svce after nx. FE		
4985	1340	MALAYSIA	Penang fair in EE. Big het with RRI Ujung Padang. PE. /PR		
4985	0615	BRAZIL	Radio Brazil Central often in PP, vg. FE. RH.0713 ids.	PO. Ltr	



FREQ	TIME	COUNTRY	PROGRAMME & RECEPTION DETAILS	INITIALS
4990	1044	VENEZUELA	Radio Barquisimeto mixed with China. Fair signal.	PO
4990	0600	NIGERIA	NBC Lagos fair with news in English.	DL
4995	0630	PERU	OAZHC Radio Andina mx, some ids, good. JD.vg.	PO, AW+
5040	0830	PERU	Radio Libertad de Junin OCY4Y local mx, good. 1000 vg.	JD, PO
5050	0651	VENEZUELA	Radio Mundial fair-good with SS mx prgm 31/3.	PE
5057	0516	ALBANIA	Tirana HS via Gjirokastra good signal. JD vg often.	PE
5075	1000	COLOMBIA	Radio Sutatenza strong in SS. RH. 1110 'Buenos Dias'.	PO
5882 1/2	0430	ISRAEL	Jerusalem Hebrew Home Service, fair. New freq //7462 & 9435.21/3 JM. 0439 clas. mx & advts. Nx 0500 jammed. //12077.5.	DL
5962	0630	COLOMBIA	La Voz de los Centauros with Latin mx & advts. USSR QRM at 0845. RH. 0730 SS mx, noisy. AW+ 0750 fair. JM. 0800 all-night prgm in Spanish.	AC
5965	0930	BRAZIL	Radio Guaiba good in PP but no other Brazilians hrd!	BC
5970	1000	INDONESIA	RRI Banjarmasin with Indonesian nx. AC. 1230 Local nx "Warta Berita" after full ident. Fair-good.	NR
5980	0636	PERU	Radio Panamerica fair on extended sked to s/off 0700.	SG
6006	0715	COSTA RICA	Radio Reloj de Costa Rica. Fair in SS. Noisy receptn.	NR
6015	0455	AUSTRIA	Vienna with EE prgm to North America.	AC
6025	0900	PARAGUAY	Radio Nacional in clear at s/on, to f/out 0930. Poor.	BW
6030	1600	WEST GERMANY	Suddeutscher Rundfunk f/in with GG political cmt Best 1700 with World & local nx to 1705. Good signals.	NR
6035	2015	MALTA	IBRA Radio via Cyclops with Greek prgm. New freq, fair. JM IBRA Radio has EE on Saturdays 2030-2045. AC. "Malta Calling" now here also. Poor-fair in EE 2045-2115.	JM
6045	0730	BRAZIL	Radio Clube Paranaense good in PP "Paranaense Informa"	DL
6070	0827	INDONESIA	RRI Jayapura good with some EE songs. II ident 0930.	JS
6095+	1940	SOMALIA	Mogadishu in Somali with local mx, drums. Poor.	DW
6120	1138	PHILIPPINES	FEBC Manila fair with Nx in EE.	PR
6170+	1000	PHILIPPINES	DUH2 poor in EE with news & music of Asia.	TMS
6175+	1430	MALAYSIA	Kuala Lumpur fair in Malay. Ident, news, anncts.	BV
6190+	1125	INDONESIA	RRI Padang with Indonesian mx, fair.	AW
6195	1135	CHILE	Radio Nacional de Chile fair in SS but het QRM. Id 1200.	DL
6221	1840	AUSTRIA	Austrian Army with uninterrupted pop mx to 1901 then GG anncts & s/off 1905 30/3. JM. Good 6/4 from 1830 till full ident 1859 including call, frequency & address in GG. Then 'Last Post' by trumpet to conclude 1902. Ex 6250kHz.	BC
7105	0344	ASCENSION ISLAND	BBC strong in EE for Africa.	JB
7120	1250	KUWAIT	Radio Kuwait f/in in AA. Nx 1300. Id "Huna Kuwait" 1315.	NR
7120	0913	INDONESIA	RRI Jayapura fair in Indonesian. No sign "Tanabu".	NR
7125	0959	INDIA	All India Radio heard thru the jamming.	BW
7150	0900	SOUTH KOREA	Seoul in EE under BBC till 0915. AC Seoul clear from 0915 to past 0930. Fair to good.	NR
7160	1845	MALTA	DW via Cyclops strong in Turkish. S/off with EE id 1850.	JB
7215	1110	AUSTRALIA	RA Carnarvon fair in II. JM. 7240 s/on EE 2100 fair.	JM
7230	1835	MONACO	TWR Monte Carlo opening in RR. QRM from 2 other stations.	
7410	1800	BYELORUSSIAN	SSR Minsk s/on with 30min prgm. Nx, cmt //6010.	BC/JS
7412	2000	ISRAEL	Jerusalem EE fair to 2030, then FF to 2055 //9009, 9875.	JM
9445+	2215	CANADA	CBC poor in EE with 'The World at Six'. S/off 2230.	TMS
9450	0830	AUSTRALIA	RA Lyndhurst with SSB relay to Carnarvon, regular.	BL
9510	0330	ETHIOPIA	ETLF in Malagasy to 0400 then FF annct, mx to 0410.	JM
9520+	0717	PAPUA NEW GUINEA	P2T9 poor-fair in EE with music, songs.	HdJ
9525+	0906	MONACO	TWR Monte Carlo fair-good with Listeners Letters in EE.	DW
9570	1105	CHILE	Radio Portales with SS Nx 'La Revista Noticiosa de la Manana' sponsored by Fundo Mutuo Cooperativo Vitalicio, fair. Advts, wx, sports 1118. NR. 9575a Radio Diego Portales ident at s/on 1014 following chimes. Het with India. No Gotthaab!	BC
9580+	0930	PHILIPPINES	VOP Manila poor in EE 'Roudabout', lang. lessons.	TMS
9605	0230	SWEDEN	Stockholm poor reception in English.	JS
9605	0248	SEYHELLES	FEBA poor to fair in an Asian language.	BCA
9610	0130	NORWAY	Oslo fairly good in Norwegian //9645 poor-fair.	DL
9635	0930	BRAZIL	Radio Aparecida fair with PP mx prgm.	Ltr

FREQ	TIME	COUNTRY	STATION	PROGRAMME & RECEPTION DETAILS	INITI
9635	0700	MALTA	Voice of Hope in EE	Sundays to 0715.AC. 0600 Turkish, Greek from 0615, fair, Sundays only.	JM
9645	0445	BELGIUM	Brussels	with Dutch prgm & ident 0500.	RB
9645	0629	VATICAN	STATE Vatican	Radio with Latin mass, good.	BL
9645	1915	PAKISTAN	Radio Pakistan	in Urdu.EE 2100 //7150 fair.Ex 7085.JM	JM
9660	0556	FRANCE	Paris s/on	0600 in FF to Africa.S/off 0700 new freq.	JM
9665	2200	EAST GERMANY	RBI	with anncts in FF,EE,Swedish,PP fair.N.Freq.JM	JM
9670	1115	MALAYSIA	BBC Tebrau	WS in EE to s/off 1130.New freq ex17880.JM	JM
9680	0910	ECUADOR	HCJB Quito	in Quecha.Rlg prgm good over ABC.	DL
9682	2230	COLOMBIA	Radio Nacional, Bogota	with SS ident & time signal, fair 11/3.JM.2245 severe QRM from ABC Melbourne.	AC
9710	0400	ARGENTINA	Radio El Mundo	in SS with 'El Boletin Syntetico de Radio El Mundo', 3mins of nx,good.NR.0840 Military mx,good.	LtR
9720	0230	SRI LANKA	SLBC Colombo	EE service fair ex 11725.Popular mx.	JM
9730+	2001	UGANDA	Kampala	in AA till blocked by Sofia & RA at 2015.Poor.	BV
9758	1930	IRAQ	Radio Baghdad	with EE news.	AC
9770	1940	MOROCCO	VOA Tangier	in Roumanian.EE id 2000,then Albanian.	JB
10040	1827	VIETNAM	Hanoi	fair-good in EE till s/off.	RP
11710	0215	ROUMANIA	Bucharest	in EE to Nth.Am. Fair //9570,9690.	JM
11715	1657	SEYCHELLES	FEBA	fair with religious prgm.	AK
11750	0100	PAKISTAN	Radio Pakistan	in Burmese to s/off 0200 ex 11670.	JM
11800	1715	MONACO	TWR Monte Carlo	in Latvian, fair. New frequency 8/3.	JM
11810	0835	ITALY	RAI Rome	with news in Italian, fair.	LtR
11830	0957	CLANDESTINE(CHINA)	Voice of Malayan Revolution	s/off in EE. 0938 fair in EE, ident 0945.	BW
11835+	0453	ECUADOR	HCJB Quito	in RR & EE with hymns, fair-good.	DW+ HdJ
11835	2109	HAITI	Radio 4VEH Cap Haitien	peaking vg in SS by 2121 with rlg prgms over Omdurman.F/out 2227. Ident as 'Cuatro V.E.H' and 'La Voz de la Evangelica'. Logged 13/3.	BC
11850+	1101	SOUTH KOREA	Seoul	fair in EE 'Important Events of the Week'	HdJ
11855	0300	USA	WYFR Family Radio	with SS religious prgm,fair.New freq.	JM
11860	2000	TAIWAN	VOFC EE	to Europe,fair //9510.JM.2325 fair in CC.	DW+
11860	1100	SOUTH KOREA	Seoul	in EE to 1130 //11850,9640 8/3.	JM
11865	0430	BRAZIL	Radio Clube Pernambuco	good with full ident at s/off.	JD
11890	0435	OMAN	Radio Muscat	in AA.RB.0425 poor.PR.0325 fair.AK.0230.	BW
11910	1906	ALGERIA	Radio Algiers	EE nx,mx,Press Cmt,poor later fair.	JM
11925	0105	NETH.ANTILLES	TWR Bonaire	EE rlg prgm 'Radio Today' exc.	BA
11950	0700	SWITZERLAND	SEC	good in EE to 0730.BL.EE to Pacific.AC 0730.	JM
12035+	1015	VIETNAM	Hanoi	fair in EE, with sign-off 1030.	TMS
12077½	0400	ISRAEL	IBA s/on	HS in Hebrew,good.Low pwr beamed to New York.	DL
15105	0956	FINLAND	Helsinki	interval signal & ident in Finnish, good.	BCA
15135	1220	IRAN	Teheran	new freq in Farsi //15084, fair.	JM
15150+	2320	CHILE	Radio Nacional	nx,mx,talks in SS,AA,EE(2352), poor.	BV
15165	0727	DENMARK	Copenhagen	int.sig,anncts in EE & Danish.0730 EE, then into Danish news. Good reception.	FE
15165+	1107	MALAGASY REP.	RN Talata	Relay poor-fair in Dutch with news.	HdJ
15190	0000	AUSTRALIA	RA Carnarvon	poor with News in EE. New freq 7/3.	JMHdJ
15220+	0705	SOUTH AFRICA	RSA Johannesburg	poor with int.sig,then FF pgm.	TMS
15240	0910	SWEDEN	Stockholm	in RR to East Asia good signal ex 11770.	JM
15270	0108	PHILIPPINES	Veritas	here ex 15310 ,fair in EE.JM.0120 poor.	LtR
15385	0227	MEXICO	XERMx mx,SS anncts,poor.	BCA.0323 mx,poor.JD.2217 good	BV+
15410a	0447	BANGLADESH	Dacca	poor with EE news.	FR
15440	1000	SPAIN	RNE in SS	to Aust/Phil.Poor due jamming x15370.//11730JM	JM
15465	0500	ISRAEL	IBA s/on	in EE to Australia ex 17685,fair.FF 0515.	DL/BV+
15512½	1214	ISRAEL	IBA Jerusalem	HS in Hebrew,fair,jammed.Pops & advts.	DL
17800	0940	WEST GERMANY	Deutsche Welle	fair in EE to Asia.	RE
17810	0835	AUSTRIA	Vienna	fair in EE.BL.17765 in GG 1203.Nx poor-fair.	HdJ+
21515+	0115	PHILIPPINES	FEBC Manila	fair with popular EE music.	AW
21730	0245	PAKISTAN	Islamabad	good in EE.RP.0235 EE dictation nx,17830.	JS

SORRY BUT WE'VE REACHED OUR LIMIT...THANKS TO ALL OUR CONTRIBUTORS!

# ARTHUR CUSHEN'S SHORTWAVE REVIEW

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This past month has seen several interesting frequency changes, with Radio Korea using 2 channels at 0900 already occupied by the BBC, and Switzerland adding a second 25 metre outlet. A new all-night Colombian, interesting signals from Malta and a verification from Estonia are also included in the news.

ALL TIMES GMT (Add 12 hrs for NZT)

ALL FREQUENCIES IN KILOHERTZ

AUSTRIA Vienna to Australia & NZ now operates 0400-0600 on 17840, 0600-0900 on 17810, 0900-1200 on 17785, 1200-1400 on 17765 and 1500-1600 on 15305.

BELGIUM Brussels now has English for Africa 1730-1800 on 9745 & 11940kHz, for North America 0015-0045 on 9755.

COLOMBIA La Voz de Centauros located at Villavicencio, has been heard allnight on 5962kHz and is best around 0800 with frequent announcements. Side-band interference is suffered from Moscow 5960.

ECUADOR HCJB Quito heard on 9625kHz in English to Europe till s/off 0830.

INDONESIA RRI Banjarmasin 5970 is heard at 1000 with news in Indonesian after Radio Canada leaves the frequency. A commentary follows at 1015.

IRAQ Baghdad heard on 9758kHz in English 1930-2030 but has side-band interference from VOA on 9760.

SOUTH KOREA Radio Korea heard on 4 frequencies with English 0900-0930:- 7150, 9640, 11850, 11860kHz, but 7150 & 9640 are mixed with BBC to 0915 GMT.

LIBERIA VOA Monrovia 6035 beamed to Africa and heard at 0700, also on 6180. 6035 is in use 0245-0800 and 6180 at 0545-0800. 15400 has been heard to Latin America from 0100 to 0400.

MALAYSIA Kuala Lumpur has its English domestic news service 0930-0945 on 9663 and 9513kHz.

MALTA Radio Mediterranean has been heard on 6035 with IBRA Radio in English on Saturdays 2030-2045. IBRA Radio's new address is Box 396, Stockholm S10-125 Sweden. Voice of Hope is heard Sunday on 9635 in English 0700, German 0715 & French 0730-0800. Has side-band interference from BBC 9640.

PAPUA NEW GUINEA The National Broadcasting Commission proposes to commence commercial programming on 1 June on both medium wave & shortwave transmitters in English, Pidgin and Motu.

POLAND Radio Warsaw Home Service on 6035kHz, heard 0400 to 0505 GMT.

SWEDEN Stockholm beamed to Australia & NZ on 11705 is heard at excellent strength 0630-0800.

SWITZERLAND Berne is on 11950 beamed to Far East, Australia & NZ 0700-0930, and this frequency replaces 17840. English is broadcast 0700-0730 and 0900-0930. Other frequencies for the broadcast are 9590, 11775 and 15305kHz.

USA VOA to Oceania now operates 1100-1400 on 5955, 6110, 9730. Also 2200-2400 on 11760, 15290, 17820 and 21610kHz.

USSR Radio Tallin, Estonia verifies our report of reception on 6085 and gives details of their Foreign Service as weekdays 0915-1000 and 1600-1630, Sundays 0800-0915, all in Finnish. In Swedish 2105-2135, and Estonian 2135-2205.

## BANDWATCH CONTRIBUTORS

Welcome to first-timers RH Rolf Huyser BL Bruce Lister RP Roger Paaymans and thanks to our regulars: BCa Bruce Cavanagh JS Jack Searle  
 BW Barry Williams JD John Durham DL Dene Lynneberg JM John Mainland  
 AK Arthur Kindell PR Paul Rawdon SG Steven Greenyer PO Paul Ormandy  
 PE Paul Edwards AC Arthur Cushen BA Brent Allred Ltr Leonard T. Rose  
 NR Nigel Robins BC Bryan Clark JB Jim Benzoni RB Ray Babbage  
 and our Aussie friends: TMS Tim McSweeney (welcome to you too, Tim!)  
 HdJ Hans de Jong AW Alex Wellner BV Bill Vogel DW Dick Whittington

# ..sign off..

TURKS & CAICOS "It looks like SW broadcasting from Grand Turk will cease permanently unless the Turks & Caicos Government is convinced it would be financially desirable to continue". This is from a QSL letter from VSI Radio 4788kHz 100w. Mr W.G. Grant, Information Officer asks for letters from listeners indicating whether SW increases knowledge of the islands and if tourism could be aided from such. "Because SW broadcasting does cost money, it is necessary for the T & C Government to decide if it is economically worthwhile. Bill Whiteacre NASWA Flasht

WYFR FAMILY RADIO's English schedule is 1230-1400 on 11705, 15150, 17730 & 17865. 1230-1600 on 15110. 1400-1600 on 17790. 1605-1700 on 17875, 17845. 1700-1845 on 15110, 15440, 17875. 1900-2045 on 15110, 17845. 2100-2245 on 11780, 15440 & 17875. 0100-0245 and 0300-0445, both on 5985 & 9525kHz.

Paul Ormandy

RADIO NEPAL is currently shopping for a new 100kw transmitter for SW & a sophisticated antenna to go with it.

SWNS via SC DXers

COSTA RICA Radio Millon 9615kHz in San Jose has been testing irregularly in parallel with 625kHz, according to announcements monitored on MW between 0300 and 0830 GMT. More info in 'Broadcast DX'.

NASWA/IRCA

RADIO MOSCOW's English sked to Australia & NZ, as monitored on 26 March is 0800-0900 on 15130, 17870 & 17880. 0900-0930 on 15130, 15385, 17870 and 17880. 0930-1000 on 15130, 17870 and 17880kHz.

John Mainland

SWAZILAND UPDATE Contrary to last months info, while Swazi Music Radio has closed, the parent company Swazi Commercial Radio has been heard during the day in South Africa on 6155 with programmes for Indian listeners in South Africa. The station ids as 'SBA Music Radio' and plays Indian & western music, with commercials and announcements in EE & Indian languages. In the evenings the station is using 3223 with religious prgms at 1900 GMT.

Colin Miller

ICELAND 12175kHz relays Home Service 1200-1300 or 1330 with news at 1225.

Fenwick SC DXers

## 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.

VOA OKINAWA will close it's MW outlet 1178kHz on 14 May, according to a report in ADXN. This could mean closure on SW too, with South Korea mentioned as a possible new location. The sked on SW to 1 May is: 6010kHz 1100-1500, 15kw. 6075 2115-2200, 35kw. 7165 1100-1500, 35/35kw. All of these are beam-ed to North East Asia. 7255kHz 1000-1600 and 2130-0030, 100kw to China. 9560 2200-0030, 100kw to China. 9620 2215-2300, 35kw to N.E.Asia. 21490kHz 2300-0115 with 15kw to S.E.Asia. BC

FALKLAND ISLANDS. Current sked advised by FIBS is 536kHz and 2370kHz, Mon-Fri 1300-1500 in Summer, 1400-1600 Winter, 2200-0130 all year round. Saturdays in Summer 1300-1500. In the Winter 1400-1600 and 2030-0200.

Don Jensen NASWA Hotline

MOZAMBIQUE Radio Mozambiques B prgm in African languages is using 6050 during the day //4865, and 3265 at nights. So it looks as if they are still using old Lourenco Marques Radio channels. Beira has been heard on 3275 at 1845 causing interference to TWR Swazi. Colin Miller

AUSTRIA Der Schulungssender des Osterreichischen Bundesheeres is on 6221kHz ex 6255. It is on air 1000-1500 & 1530-1900. There are two transmitters of 1kw each, one in Vienna, the other in Salzburg.

SC DXers 23/3

60 METRE BAND SURVEY 1-8 JUNE