



NEW ZEALAND DX TIMES

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

VOLUME 28 No. 11

JULY 1976

VOA identification policy change.

Have you noticed that the VOA has ceased to identify transmitter locations at the conclusion of broadcasts? The following press release from the VOA gives the details: "Beginning 2 May 1976, the VOA has simplified it's station identification procedure. Stations now sign-on with a few bars of the Yankee Doodle interval theme, followed by the announcement "This is the Voice of America, Washington DC, signing on". It is planned eventually to use a single standard identification throughout the VOA system. The primary purpose of a station identification is to expedite the solution of interference problems between stations. The radio regulations of the ITU state that one recognised means of identification is the name of the operating agency or other clearly distinguishing features. Since the VOA Washington DC is the operating agency in this case, it is only right that any cases of interference should be sent direct to us here in Washington".

Having no clear indication of the source of a VOA broadcast will certainly be a blow to all SWL's and DXers, especially as this information is no longer specified on their QSL cards. Twice in the past the VOA have made a similar move and then reversed the decision following appeals from the DX fraternity. Let them know of your concern in this matter by writing to Mr George Jacobs, VOA, Frequency Division, USIA, Washington DC 20547, USA.

Thanks to Victor Goonetilleke UADX and NASWA 'Frendx' magazine for the info.

Radio NZ on extended schedule.

Overseas DXers chasing Radio New Zealand will have added opportunities on shortwave and medium-wave through to mid-September. On the following dates (GMT) RNZ will remain on-air to relay All-Black rugby football matches from South Africa - 17th, 20th, 24th, 28th, 31st July, 4th, 7th, 10th, 14th, 18th, 21st, 24th, 28th, 31st August, 4th, 6th, 11th, 14th and 18th September. On shortwave 6080kHz will be used to relay the National Programme from 1045 to 1245 GMT, with a break-out for the rugby commentary starting about 1330. On medium-wave, RNZ's commercial network, comprising the 'Community Stations' 1ZB, 2ZB, 3ZB, 4ZB, 1ZN, 1ZH, 1ZC, 1ZD, 1ZA, 1ZC, 1ZU, 2ZG, 2ZC, 2ZP, 2ZV, 2ZA, 2ZD, 2ZN, 2ZE, 3ZC, 3ZA and 4ZA, will stay on to relay the commentaries.

market square

SELL: Orbiter 24 AM Tuner, only 5 weeks old. Has been used with Bell Dimension 5 Stereo. Price \$70 Write: Mike Smith, Box 259, Matamata.

Convention '77.

hosted by Canterbury Branch, will be held over Easter 1977 - that is Friday 8 April to Monday 11 April, near Christchurch. Accomodation has been arranged for Friday night through Sunday night. Registration forms will be available..

CLOSING DATE FOR NEXT ISSUE: 5pm MONDAY 2 AUGUST. DETAILS OF YOUR DX, QSL'S LADDERS, P-O-M ENTRIES TO P.O.BOX 2956, WELLINGTON. LET'S HEAR FROM YOU!

FROM THE BRANCHES

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SOUTHLAND The June meeting at Sutton Burtenshaw's saw 10 present and 6 apologies. Discussion centred around the branch's forthcoming progressive dinner, security at Tiwai and a listening weekend on 31 July. The next meeting will be held at Neville Henry's on 27 July. Arthur Cushen is being sent a sample of a new receiver by Bright Electronics, and this will be evaluated for it's DX capabilities by branch members. Best of Month Awards - ECB to Sutton Burtenshaw HJAR 1270 1kw, Rest of the World to Ray Crawford DYLY 570 1kw. Consolation to Eric McIntosh Beromunster 1562kHz 160kw. SW to Wyn Machon Rome 21690 100kw and Paul Aronsen France 3965 4kw.

WELLINGTON 8 members braved winter temperatures and attended the June meeting at Daryl News. A welcome was extended to new League member Ron James, and to Leigh Morris and Phil Brooks who made special trips to Wellington for the meeting. Guest speaker Geoff Haggett of Radio New Zealand gave a very interesting talk about his involvement with the BFBS in India and the setting up of Broadcasting Services in Malaysia and Tonga. Competition results: SW Senior to Bryan Clark with Haiti 11835 and Cayenne 3385. SW Junior to Paul Rawdon with Seychelles 11810 and Azores 4865 1kw. Broadcast to Paul Rawdon WLW 700.

LET'S HEAR FROM OUR OTHER BRANCHES NEXT MONTH!

..continued from Page 1.

CONVENTION 77 ...soon. Advance enquiries should be addressed to Convention 77, Canterbury Branch, NZ Radio DX League, P.O.Box 18560, Christchurch, NZ.

OUR SYMPATHY is extended, on behalf of all League members, to Philip Brooks of Wanganui, on the sudden loss of his mother on 5 July.

AUGUST BALBI, one of America's best known shortwave listeners, died on Thursday 17 June, following a stroke the previous Sunday. August was 85½ years of age, and had kept excellent health until last year.

A DXer since the late 1920's, he was a member of many clubs, received awards from many DX organisations, & will be keenly missed by the many friends with whom he corresponded regularly. He used an Hq180 receiver for many years, and in 1970 moved to the Drake SPR4. August was a keen listener to NZ and one of his prized verifications was the MV Kanimbla, station 9MI, which broadcast off the Australian coast in the mid-30's, using 50 watts.

Arthur & Balda Cushen have pleasant memories of a day spent with August and fellow ASWIC member Stewart Mac-kenzie in Los Angeles in 1960.

AUGUST BALBI 1890 - 1976

DXCURSION AUSTRALIA 77

FULL
DETAILS
NEXT
MONTH



BROADCAST DX with BRYAN CLARK

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Highlights this month include continued very good reception of Latin America (certainly the best L.A. season for quite a few years) from as early as 0300 GMT in NZ and also across the Tasman, where Chris Martin has an Australian first in HJLK Radio Calidad Colombia on 1230kHz.

Last month's featured Radio Melodia is YVJR in Barquisimeto, Venezuela on 1600kHz. According to the Swedish Radio Club, the address is Apt. Postale 574.

Members continue to globe-trot. We've heard from David Ricquish and Craig Crawford on the American scene, and will be hearing more of Dene Lynneberg's recent visit to the Philippines. Mike Smith reports that Fiji seems no place for DXing with severe QRM wherever he went and whenever he listened. With an aerial wire dangling from his fifth floor hotel room in Suva, Mike was only able to hear Aussies and NZers through the noise.

Previously-featured Radio Millon, Costa Rica with 1000kw was due to begin testing on 1560kHz in late June, according to Ron Schatz IRCA.

There seems some doubt as to the identity of the Arabic speaking superpower station on 827kHz first reported in the May Times. According to the BEC MS it is a 1200kw outlet located in Syria, but European DX sources give a location of Al Hamin in Libya.

4AK Toowomba, Queensland 1240kHz is no longer on 24 hour programming. Hours are now 1900-1400 GMT with the transmitter carrier remaining on through the night. The Chief Engineer told Chris Martin that after 9½ years of all-night broadcasting, economic reasons had dictated the cut-back. However the transmitter is to remain on to preserve the transmitter contacts and ensure a longer life all-round for the equipment.

Latest from Alan Roycroft in Hawaii is the possibility that up to 5 stations might be temporarily off the air. The KNDI transmitter site will soon go under the bulldozer and no new location has yet been found. The station may be forced to operate through a 1kw spare transmitter and temporary wire antenna. A new 220ft tower for KCCN, KIOE, KISA & KZOO has encountered objections from US Aviation authorities who require a reduction in height to 180ft. However the FCC have raised objections to this! Finally KIPA 620 is now effectively 5kw after some transmitter problems earlier. Info via Chris Martin.

Into the mail and first up is...

RAY CRAWFORD Invercargill with some good catches from Tiwai: Aruba 1325 Libertad 1270, Cristal 1140, Ondas Orientales 1155, La Voz del Guabo 1555, R.Columbia 1525, R.Majagual 1430, Ecuador 1535. Veries from Belize 834, DYDY 570, Tahiti 740, DWRP, Israel 737, HJEW 1140, Union 880, XEPR 1480 & 10 postcards, TIPJ 1225. Pretty good return rate Ray!

MIKE SMITH Matamata has QSLs from KTWO, KPOL, KRLD & KOB. Thanks.

ERIC MCINTOSH Invercargill - logs since April are 2TR, 4BH, NA, 5AA, JORF, JOFR, JOIR, KMPS, Fiji 730, Bulgaria 1223 & Beromunster 1562. Veries in: 2CC, TR, 3XF, 4NA, BH, KTOM, KMPS, JOIR, JOFR, Beromunster.

CHRIS MARTIN Harbord NSW has them off to JOLF, Bangladesh 1340, 5LN, 2CP 7QN, Nairobi 611, Pakistan 1340, Cluj 1151, Sibu 1060, Brunei 895, JOHP, AIR 1240, Baghdad 760, Malacca 1005

...and Peru 854 (with tape). Surely first Aussie reception of Peru Chris! QSLs in from KPRC, KGER, KNDI, Malacca 1005, 7EX, 4HU Praha 1286, Abu Dhabi 728 (country 120), Tashkent 665, Kaunas 1385 - a letter from Moscow intimating that he should report a broadcast in a language he can understand, hi! Who really understands QSL policies of the USSR?

PAUL ARONSEN Invercargill has logged 4BH 4WK, FEN 810, 2JY, MW, ZK1ZC, Fiji 730, 3HA 320, 5AA. Veries: 1XX, ZK, YE, 2LT, 4CD.

ROBIN CHAMBERS Opunake has reports off to Alegre 7450, HJQZ 1580, TGT 1188, 5SY CJVB, TIEEAW 1525, HJAD, KIOA 1470, HJDA. Two veries in: HJKL and 2RG.

BRYAN CLARK Wellington has QSL'd Belize 834 (country 72), Berlin 1511. Still working thru a backlog of SS reports so logs limited to Calidad 1230, TIPJ 1225 & Margarita 1020.

ROBERT SCOTT Te Aroha advises recently hrd DX included VL2NI & Batra 620. Guam 720 is KMAI. Other info must be dated.

JOHN ALLCHIN Auckland in last two months has logged 2ZE, NZ, KO, XW, JJ, GN, QN, KY, PK, FC, 3KZ, NE, CV, AW, SH, WV, 4ZA, BC, NA, XO, QL, 5RM, CL, CK, SE, 6TZ, WB, DL, 7HT, ZL, Suva 710, Singapore 790, Noumea 670, 1ZH. QSLs in from 2JJ, QN, ZE, NZ, KO, XW, 3NE, KZ, AW, CV, 4QL, ZA, BC, NA, 5CL, RM, CK, 6DL, 7HT. Re Barlow Wadley - last price I saw was \$355 I think. Try Des Wright at 677-189, Auckland for info on B-W.

PAUL RAWDON Lower Hutt has a lone QSL from WLW. Roll on summer eh?

DAVID FELDON Rotorua has taken time out from work and study to log KRLD.

STEVEN GREENYER Invercargill has a good pair of reports out to Aruba 1325 and La Voz del Guabo 1555. A pair of veries too - Margarita 1020 and 3XF.

BRENT ALLRED Motueka has reports to 1ZH, 2XW & 2ZA. QSLs in from 1XA, ZE 2ZB, ZW, NC, ZM, XW, 3ZB, ZM, XA, YW, 4XO.

PHIL BROOKS Wanganui has a lone log of 2YW. Veries are 7NT, VL2NI, KGMB KMVI, 3LO and 2YW. With a trip to Robin Chambers' this month, Phil is looking forward to some exotic DX!

ASH NALLAWALLA Dunedin keeps the Otago flag flying with reports out to 2ST, 4KQ, GR, 5SE, 6ED, Calcutta 1130, Sangli 1250, Bangladesh 1345. QSLs in from Calcutta 1130, 6ED, 4IP. Thanks Ash!

MERV BRANKS Invercargill has veries from 3XF, KMPS, Abu Dhabi 728. Good to hear from you Merv. Regards.

LANCE & GAY JOHNSTON Christchurch both have been rewarded with QSLs from 3XF Radio Ferrymead 1030.

DENE LYNNEBERG Titahi Bay has QSLs from 5AA and HLDA. On his recent trip to the Philippines Dene logged DZAS 680, DZFM 710, DZBM 740, DZRJ 780, DWIZ 800, DZRA 830 (not 1360 as listed), DWRV 860, DWAW 940, DZRM 960, DWRT 980, DWXX 1000, DZEC 1050, DWAD 1080, DZHF 1130, DWRA 1160, DWBL 1190, DZSA 1230, DWKW 1280 plus 2 on FM. At the Martin Beverage site 12m west of Goulbourn NSW - Abu Dhabi 728, Lakarna Pakistan 1340, ZCC, 2EA, 2AN 720, 2GO 1310, 7SD, Kenya 611, 746, Reunion 665, Zambia 818 and Seychelles 1331. Welcome back Dene!

LEIGH MORRIS Palmerston North has reports out to CMW, ZK12C, XEROK, PJB, VL2NI & XERF. Good to see you on MW Leigh. Hope new receiver is OK.

SUTTON BURTONSHAW Invercargill has been in amongst the Latins with reports to HJAR 1270, HJER 1030, TGRC 605 and TIJC 605 - all at Tiwai; HJFZ 1055 & Melodia Venezuela 1600 - at home. QSLs from HJNF 1200, HJNW 1170 (both from "Super Radio"), 4NA 830, 3XF, Istanbul 1016, HJER 1030, HJAR 1270, HJKL 610. Sutton, I have your envelope from last month postmarked 7am on 8 June, should you wish to take up with the Post Office.

JACK SEARLE Haumoana has reported 4QL & 4GY, also KCRG 1600. Veries from KTWO (IRC returned), KCRG (4th ex NZ), KPRC, 4QL, 2NC, 2KM. Also some long lost QSLs which Jack received between 1940 & 1950 - namely KGIR (copper foil verie), KFI, KPAS, KMYC, KOWL, KGLL, KSDJ, KNGS, KXOA and KHSL (last 4 were 1kw). Great Jack! Bet they brought back the memories.

ARTHUR CUSHEN Invercargill has verified Nice 1554 and has reports out to HJJR 1005, Colombia 1525, XEUR 1530, YVRJ 1600 & HCHW2 Radio Rey 1450. Arthur's Multan last month was the Pakistani ex nominal 1030.

ROSS CLARK Lower Hutt advises of reception of 1XW, XA, ZB, ZH, ZD, 2ZA, ZE, ZG, CR and 3ZC. QSLs are the name of the game Ross.

PAUL ORMANDY Oamaru has QSLs in from WSM WLW, Kuwait 1345, KDB 1490, Noumea 670, DWRP, Tahiti 740, Monaco 1466 & Malacca 1005. Logs - 2MO, WG, Margarita 1020, La Voz de San Clemente 1490 (no ideas on location Paul), CW56 Mercedes 1600. Thanks for comments Paul. Would like to hear the Uruguayan on tape if you have one.

IAN CATTERMOLLE Blenheim has a generous postman with replies from 2JJ, CY, SM, UE, MO, UW, WL, DU, AY, WG, NZ, VM, EM, IF, ZC, 3LK, AW, DB, NE, SR, GL, 4QB, QR, BC, MK, QG, BK, 5KA, DN, 7NT, HT, Singapore 790, Tahiti 740 & KHVH. Reports to 2BS, LF, QN, ZC, KM, 3GL, SH, HA, 4QB (difficult to claim this with 4QO synchronised on same frequency Ian), 4BK, 6WB, 7SD, EX, ZR, KRLD, Fiji 580 (is that 560?), 1470, XEROK, Singapore 790, Burma 955. Well done Ian. Last Times in the post on 17th. Ladders next month.

BCB BEST OF THE MONTH WINNERS

Senior:

HJAR Cartagena, 1270kHz 1kw 156pts
Sutton Burtenshaw.

Junior:

KDB Santa Barbara, Calif 1490 250w
156 pts
Paul Ormandy.

BROADCAST TRAIL

MORNING

790 Singapore EE requests 1515 LM
840 6ED fair to close at 1601. AN
865 Philippino? fair 1905. RCh
870 JOGB poor under 2GB 1230. AN
917 Russian with Mayak i/sig 1900.
950 AIR over ZUE 1300. LM.(RCh
1040 KHVH with EE news 1600 vg. LM
1130 AIR Calcutta s/on 1515 with
Hindi nx. QRM 601. Fair 1530. AN
1250 AIR Sangli sitar mx fair 1615 "
1313 Russian with Kremlin Bells 2000
1345 Bangladesh - Khulna here (RCh
with Bengali nx 1645. EE id &
nx 1705 poor. (Nominal 1340) AN
1448 Libya in AA fair 1940 12/6. RCh

EVENING

550 K TSA strong weather nx 0549. JS
550 KMVI fair signal 0545. JS
590 "KGM Super B" 0945 sports rd. LM
600 ZK1ZC Housie for Children! 0600
good. JS. 0800 EE very good. LM
620 WSUN fair 0510 10/6. RCh
640 KFI fair over 4YW 0830. LM
650 SS fair 0525. R. Monumental? RCh
650 KORL Honolulu pops fair 0710. LM
660 SS fair 0425-0430 16/6. RCh
950 Mexican quite good 0525. RCh
800 XEROK "X-Rock 80" ids 0615. LM
800 FJB Bonaire SS rlg pgm 0805. LM
1005 Colosal good in SS 0525. RCh
1010 OAX4I way over NZer 0430 4/6."
1030 HJER exc 0545-0610 announcing
"Radio Pacifico" & "R. Calidad"
1070 KNX with Nx over 1ZB 0700. LM
1120 WVUV 0720 vg and all-night. LM
1155 SS fair 0448-0451 16/6. RCh
1155 Ondas Orientales s/off 0604. RCr
1140 Radio Cristal over NZer 0600 "
1188 TGT Sonora good to s/off 0456
11/6 with freq ids, slogans. RCh
1260 SS good 0430 6/6. "Impacto"? RCh
1260 CFRN fair at 0910. RCh
1260 HJDA good 0453-0501 27/6 with
id as Radio Valexico & Emisora
Siglo Viente. Also RCN net. RCh
1270 Radio Libertad, where? exc 0600
6/6 but not hrd since. RCr
1295 Unid Latin s/off 0502 19/6. RCh
1300 OAX4M Atalaya jingle id 0548. BC
1320 CHQM vg 1003-1005 Nx, wx. 20/6. RCh
1325 Aruba fair-good EE & SS records
& anncts 6/6 & 20/6 past 0630."
1330 HJAD Vigia good 0543-0602. RCh
1360 KGB good 0635. KMO 1008 good. RCh
1365 SS with EE pops 0450-0505 6/6"
1375 Unid SS 0520-0630 anncing this
freq. Many ids but nothing to
match in WRTVH. Who? RCr
1380 WLCY Chevy advts 0508 good. BC

1390 SS over 1ZT at 0325! RCh
1390 KCEY good signal 0508 10/6. RCh
1430 HJPD Majagual good 0330 4/7. RCr
1430 Unid SS to s/off 0402 poor. EE rlg
annct at 0355. RCh
1430 KELLI very good 0505 16/6. RCh
1450 Radio Alegre good copy from 0255 "
1470 Radio Ya briefly over XESM 0458. BC
1470 CJBV 1005-1015 fair nx, wx 11/6. RCh
1470 KIOA Sioux City s/off 0503 fair."
1490 La Voz de San Clemente good 0500
but faded. Who? PO
1490 SS here 0555 "Radio Capsais"? RCh
1505 Latin to s/off 0404. (HJBVx1540? RCh
1510 WLAC excellent 0605. RCh
1530 KFBK sports nx 1130 very good. LM
1530 SS strong 0510. (KGBT in SS or
XEUR are the most likely. Ed) JS
1535 Ecuadorian fair-good 0500. RCr
1540 KPOL good with wx 0558. JS
1540 KXEL excellent 0530. RCh
1555 La Voz del Guabo fair-good 0445. RCh
1570 VL2NI id 0645 & "My Word" pgm. LM
1570 South American in SS 0445 fair. RCh
1570 CHUB good, dominating 1018 11/6. RCh
1580 HJQZ Radio Principe good 0355-0400
in peaks 3/6. RCh
1600 R. Difusora Soriana Mercedes good/PO
clear to s/off 0432. Rlg pgm in SS.
1600 Melodia exc 0400. Mexican 0535. RCh

CONTRIBUTORS: Leigh Morris, Jack Searle,
Robin Chambers, Ray Crawford, Bryan
Clark, Ash Nallawalla, Paul Ormandy.

AUSTRALIAN TRAIL Highlights from a DX
pedition to Goulburn, NSW by Chris
Martin and Dene Lynneberg, late June.

550 All India Radio with National Prgm
of Mx till 1728 in // to 610, 670,
730, 740, 770, 800, 910, 940, 970, 980, 1240,
1250, 1380, 1390, 1530 and 990.
580 AFKN on news 1800 good.
590 CMW over 3WV 0900 //600 CMKV clear.
602 Reunion briefly 1830 FF pops //665.
611 Nairobi good Swahili talk 1730.
614 Unid AA with news 1830. Who?
656 Tanzania Swahili nx after Korea 1800.
660 Malaysia running all-night in Malay.
700 Sutatenza mixed ABC at 0900 s/on.
730 Unid Latin mxd 5CL. (Likely XEX. Ed)
746 Nairobi in EE 1725 "Inside Africa".
791 Mombasa good with Swahili talks.
810 Sutatenza s/on 0900 mxd Fiji/ABC.
818 Zambia on EE nx 1800, Cairo looped.
910 KNEW country mx mixed ABC 0910.
1090 Unid AA clear after China off 1900.
1170 KVOO ident, nx 0800 mixed 2Ch.
1214 Tanzania vg with Afro music 1730.
1220 XEB "Radio Cuatro" mixed NZ 0645.
1230 HJLK Calidad "RCN" id 0900 mxd ABC.
1331 Seychelles with BEC nx 1600 fair.
1340 Bangladesh EE nx 1705. (See NZ trail)
1480 clear at 2030 DUBAI GONE - where?

IRAQ The Home Service from Baghdad is sked 0225-2330 GMT on 908 & 692 kHz. Sawt Ul Jamaheer prgm is aired 0225-2330 on 760kHz. Other MW prgms are Kurdish 0300-0900, Torcoman at 0900-1230, Kurdish 1230-2200, all on 1360kHz & 1210kHz. Syriac is on 1360 at 1400-1600 per sked, but this clashes with above. P.Ormandy

IRAN The domestic service 1st prgm is heard on the new frequency 770kHz from 1630 fade-in to 2030 s/off. An unidentified regional has also been heard in this time period on 946kHz with local prgms & relays of Radio Iran. BEC MS (c)

INDIA All India Radio, Trichuapalli carries the Vivid Bharathi prgm on 1477kHz (ex listed 1480). Noted at 1230 GMT. Victor Goonetilleke UADX

INDONESIA According to a press report, new transmitters for RRI East Java are expected to be on-air by the end of 1976. Surabaya will have 100kw on 585kHz for the East Java Regional Service, along with the present 10kw on 3975kHz SW. New 10 kw RRI transmitters will be located in Malang, Madiun, Jember & Sumenep.

PAKISTAN A 10kw MW transmitter was inaugurated for Radio Azad Kashmir at Muzaffarabad on 29 April by President Bhutto. (Last 2 - - BEC MS (c))

PHILIPPINES FEBC's major accomplishment in 1975 was the completion of 250kw MW station DWRP at Iba, Zambales. The project took 5 years from the planning & location of the station, building the transmitter in the USA, followed by field work and construction at Iba. The station broadcasts 5½ hours daily in Mandarin, Cantonese, Vietnamese, Lao & Cambodian on 1470kHz.

FEBC is planning to relocate DXAS 1430 1kw Jolo, Sulu to Zamboanga City, in anticipation of the Jolo property lease not being renewed and also because the hills surrounding Jolo City interfere with transmissions to the southernmost tip of Mindanao. Signal 1/76 via B.Clark

SRI LANKA 860kHz is a new channel for Channel II English prgms // to 920. Same prgm is carried on 975kHz Welikada 1kw ex 1450. Another new tx is 990kHz with Tamil // to 558kHz. Cliver Goonerwardene UADX

ARGENTINA LV2 Radio La Voz del Pueblo 970kHz was renamed Radio General Paz on 14 June. BEC MS (c)
Radio Argentina, Buenos Aires 1440 is sked 0800-0600. Radio Rio Gallegos 680 kHz is now 30kw. MWN via WWDXC

COSTA RICA Radio Cucú is the new name for Cadena Musical 575kHz. DSWCI/WWDXC

PARAGUAY La Voz de Amambay is now on 770kHz. MWN via WWDXC

The Mennonite religious organisation runs Radio La Voz del Chaco Paraguay on 610kHz with 10kw. The station is on air 5hrs daily with programmes for various ethnic groups.

Radiodifusora Ascuncion is now on 1250 kHz with a new 25kw tx ex 1430. BEC MS
Radio Frimero de Marzo, Asuncion was inaugurated 4 May. Operates 0800-0500 on 780kHz. BEC MS(c)

COLOMBIA HJLJ Radio Tigre 1500kHz is 24 hours with 5kw. A Caracol station with address of Cra.1a No.18-39, Cali. Radio Canoas HJBV Cartagena is on 1505 ex 1542kHz. Sunspot
La Voz de la Islas on San Andres Island is new on 1080. Radio Galeon Santa Marta is new on 1450 with 5kw. WWDXC
HJNW 1170kHz has been verified by the Super Radio network but the location is given as Barranquilla not Cartagena as in WRTVH. Sutton Burtenshaw

VENEZUELA Ondas Portenas, Puerto la Cruz has inaugurated a 50kw tx, which will give station national coverage. BEC MS(c) (Presumably replacing the 10 kw transmitter on 640kHz. Ed)

Radio Valles del Tuy 1030 is new with 10kw. Also on 6130kHz. A new network is La Cadena Nacional de Radio Vision, made up of Radio Vision, Maracay 650, San Cristobal 860, Maracaibo 1420 and Caracas 950 (soon increasing to 100kw), also Radio Oriente 720, Radio 810 in Valencia 810, Radio Andina 1310, Radio Regional 1330, Radio Falcon 1350, LV del Sur del Lago 1350, Radio Terepaima 1390 and Radio Alegre 1450. Distance/Sunspot
Address for Radio Vision is Av. da Ricardo Zuloaga, Los Chaguaramos, Caracas. YVJA Radio Dif. del Ejecutiro del Estado de Apure, San Fernando de Apure is on 625kHz. Sunspot

SPLITS recently noted by Ron Schatz in USA - 975 Radio Centroamericana is new name for Atenea, Costa Rica. 1175 TIQ has EE s/off 0600. 1197 Voz de Centro-america, Honduras regular. 1295 YNCO Radio Mata Nicaragua here. IRCA/NRC

TWO KIWIS IN 'K' COUNTRY

Continued from the June DX Times. 7
League member reports on his visit to Hawaii in May 1976.

At a more respectable hour we met Mr Hawaiian Broadcasting in person, and we were driven to the transmitters of KUMU AM & FM. He was taking us to see the best first, as the transmission room is on the top floor of the very posh Hilton Hawaiian Village Hotel at Waikiki - although it does share the room with the hotel's air conditioning equipment. On the ground floor of the same complex, a small pink door leads to the small but well-equipped KUMU studio.

Adjacent to a popular surfing beach stands an old building and the old inscription on the door "KGU" belies the fact that inside hums the old transmitter of super-strong KORL. A small but modern building in downtown Honolulu houses the modern KCCN and KISA transmitters. But what's that old caravan without wheels doing at the base of the tower? Surely it's not...it is, because inside a plaque on the old equipment read "Roycroft Transmitter - K108" Yet the worst was still to come! On the site of a soil dump and truck grave yard, in an area of thick scrub, stands a small shack of rusty iron construction. Inside, apart from an inch or two of dust, is the equipment that makes KNDI 1270 a powerhouse signal in NZ.

At the Broadcast Services workshop, located at 331F Kamani Street, the transmitters of KIKI, KZOO, KHVH and the old KKON equipment can be found. The studios of KIKI are right next door, and the tower for all 4 stations is directly behind. On the ground floor of a Waikiki car park building stands a small shack housing the KOHO and KAIM units. Their tower is lashed to the side of the building.

Our final visit was to the studios of KNDI. On a small frontage behind a piece of broken iron guttering, a sign boasts "The Broadcast House of the Pacific". Needless to say the studio conditions were as ridiculous as the transmitter site.

Our dream holiday was all too short but, on reflection, we travelled and saw a great deal on our 24 day US sojourn. Both David and I are already planning the next trip!

- Craig Crawford.

(Our thanks to Craig and David Riquish for their interesting and entertaining reports on their recent trip to the USA! Thanks too, to Mr Alan Roycroft for his hospitable welcome and for his co-operation with DXers in all parts of the world.)



KFRC 610

415 BUSH STREET, SAN FRANCISCO,
CALIFORNIA 94108



BAKERSFIELD, CALIFORNIA 93302

TV X FM D

Part III of a series on TV/FM DX by Brian Oliver, Kerikeri.

SPORADIC E RECEPTION. Although not as common as tropospheric propagation, as described in the May Times, and limited to Bands I and II, it is nevertheless easier to receive with simple aerials and brings in more distant stations.

It results from reflection of VHF waves by dense patches of ionization in the E region of the ionosphere, about 50 miles above the Earth, particularly during unsettled and thundery

weather. Because the reflecting surface moves, and it's efficiency as a reflector alters, the signal we receive from it is somewhat erratic in both intensity and duration, hence the name used 'sporadic'.

Sporadic E can first be noticed on TV channel 1 with DX reception and then climbing up through to channel 3 and sometimes into the FM band. The best time to watch for this reception is in November, December and January. Watch for any strong interference on local channels in Band I, which will take the form of 'venetian blinds' moving up and down the TV screen.

**SW
QSL**

Well after having been overseas on holiday for some time I now find the mail-bag full so let's get straight into it and see what we have. The highlights no doubt being Cayenne, Martinique and Uganda.

AFGHANISTAN: Radio Kabul 15195 kHz. Colourful card showing map of country with Bamyan Buddha and flag stuck on. Received in 6 weeks for English report and 1 IRC. Full details on reverse side. No verie signer. (J.Searle)

ARGENTINA: RAE, Buenos Aires 9690 kHz. (Foreign Service) QSL card received in 5 months for registered letter containing several reports with 1 IRC. Card gave the wrong frequency only and metreband. (P.Edwards)

BANGLADESH: Radio Bangladesh 21685 kHz. Paper verification giving advice of new address, received in 3½ months for airmail rpt in EE with 2 IRC's + Christmas card. Sent registered. (P.Edwards)

CANARY ISLANDS: RNE-Canaries 11800 kHz. New QSL card in 5 months 20 days depicting antenna mast view from middle bottom looking up to peak and sky. Colourful attractive card for EE report without any IRC's. (P.Edwards)

COLOMBIA: Radio Sutatenza 5075 kHz. QSL Card with EE/SS information, featuring pictures of their studios. Verie signer is Elba G. de Daza of the Engineering Dept. Received in 11 months for SS rpt and 3 IRC's (P.Ormandy) and 7 months for SS report and 2 IRC's (G.Butler)

CONGO (People's Rep. of the): Radiodif. Tele Congolaise 4765 kHz. French form letter QSL in 10 months for registered 2 page FF rpt and 1 IRC. Paul comments that he reported them on 15190 kHz and sent in on 24/12 and had that verie back in 2 months. (P.Edwards) QSL in French in form-letter for English rpt with 3 IRC's in 33 days. (P.Ormandy. No frequency Paul. was it 4843 kHz?)

DOMINICAN REPUBLIC: Radio Clarin. 4850 kHz. Letter in SS 11 months for SS report and 3 IRC's. Letter verifies rpt uencies and times and verie signer is Lilly Morales.

FRENCH GUYANA: France Regions 3, Cayenne. 3385 kHz 4 Kw. blue Card with confirmation text and address. Lists all the use and gives 4972 kHz as 4472 kHz. (D. Lynneberg B.Clark) weeks by air for French report and 1 IRC.

GHANA: GBC-Accra 3366 kHz. Verified report covering three with QSL Card. Received in 54 days for EE rpt and 1 IRC.

MALAYSIA: Radio Malaysia 15275 kHz. Received in 3 weeks for card. QSL-folder pictures station with station, country and also given. (B.Allred)

MARTINIQUE: France Regions 3, Fort-de-France. 3315 kHz 4 Kw white photo of tropical beach scene on front. Verie text and reverse side. Lists only 3315 kHz on sw. verie signer illegible Received in 6½ weeks for FF report and 1 IRC.

SULTANTE of OMAN: Radio Oman 11890 kHz. Attractive postcard of on reverse. Address is given as P.O. Box 397 Muscat - not Box 600 in 6 weeks (B.Clark) and 27 days for EE rpt with no IRC's (Vogel)

POLAND: Polish Radio 9675 kHz. White card with colour drawing of a in one month for EE rpt. (M.Smith) 7285 kHz. Card with simple deson on reverse. Received in 5½ weeks for EE rpt plus pennant and stamps also received. (B.Allred)

QATAR: Qatar Broadc. Service, Doha 9570 kHz. Postcard of beach scene with full details on reverse. Stamped with Director's name A.R. Al - Mgdhadi. By air in 6 weeks for EE rpt and 1 IRC. (J.Searle)

SAUDI ARABIA: Rivadh 7250 kHz. Plain card received showing full details. Card signed by: Gen. Director, Engineering Dept, for Sadek Fayoumte. (L.Robinson)

SEYCHELLES: FEBA 11810, 15270 kHz. QSL in 19 days for 1 IRC. Also a note stating tests were of 25 kw. Both frequencies veried on separate cards by QSL Secretary Mary Berry. (P.Edwards)

TOGO: Radio Togo 5047 kHz. Card showing map of Togo with a globe ribboned with 'Radio Togo' on a striped background. All details given on reverse. In 33 days for FF rpt and no IRC's (B.Vogel) by air in 3 months for rpt with 3 IRC's (P.Ormandy)

UGANDA: Uganda Broadc. Corp. 15325 kHz. Verification letter in EE from M.B.S. Mangen, AG. Chief Broadcasting Engineer. Advises that they have no QSL cards as yet but will send them as soon as they arrive from the printers. Received in 6½ months (D.Lynneberg J.Mainland) 73's Section Ed. Dene Lynneberg



received after and gives freq- (B.Vogel)

Black, white & frequencies in Received in four

days listening, (P.Edwards)

EE report and post-schedule information

QSL Card with black & freq/time schedule on (D.Lynneberg B.Clark)

Muscat with full details as in WRTH 76. Received

Polish shipyard. received ign on front with details also received. (B.Allred)



الإذاعة العربية السعودية

SAUDI ARABIAN BROADCASTING

»60« metre band Survey 9

1 - 8 JUNE 1976 FREQUENCIES IN KILOHERTZ TIMES GMT (NZT - add 12)

<u>FREQ</u>	<u>TIME</u>	<u>COUNTRY</u>	<u>STATION</u>	<u>PROGRAMME & RECEPTION DETAILS</u>
4705	1100	UNIDENTIFIED	weak Latin American here.	
4710a	1920	UNIDENTIFIED	'spy station' or perhaps utility. Talk by woman in RR & Asian langs noted several days past 2000. Speech for 2½ min followed by ¼ min transmitter break, then back for another 2½ min.	
4719	1500	INDONESIA	RRI Ujung Padang fair with news relay from Jakarta.	
4724	0525	UNIDENTIFIED	with Latin American mx, poor-fair.	
4725	1440	BURMA	Rangoon BBS fair with EE prgm.	
4735	1815	PAKISTAN	Radio Pakistan with vernac mx. 1940 good in FF.	
4740	1730	MALDIVIVE ISLANDS	Radio Maldives poor-fair in EE at sign-off.	
4750	1211	INNER MONGOLIA	Hailaer with talk in CC lang.	
4755	0450	COLOMBIA	Emisora Nuevo Mundo HJKC with Caracol network idents 'Una voz de el camino'. Also at 0636 and 0939.	
4755	0450	BOLIVIA	Emisoras Bolivia here some days, HJKC on other days.	
4755	1055	UNIDENTIFIED	Indonesian hrd, hetting with Latin.	
4760	1117	USSR	Russian Home Service with news. Also at 1835 past 1915.	
4765	0443	CONGO	Brazzaville good in FF. Also good reception at 1841.	
4770	0930	VENEZUELA	Radio Bolivar weak at s/on but improving.	
4770	1900	LIBERIA	ELWA Monrovia fair-good with EE Nx. Childrens pgm 1915.	
4777	0530	GABON	RTV Gabonaise good in FF. Also fair in FF 1825 past 1855.	
4775	1000	INDONESIA	RRI Jakarta very good with talks in Indonesian.	
4775t	0310	BRAZIL	A Voz do Oeste presumed the PP station here.	
4775t	0449	ECUADOR	Radio Libertad tentative fair at s/on. (Surely s/off?)	
4780	1823	AFARS & ISSAS	Djibouti fair with indig. mx past 1940.	
4780	1957	USSR	Russian Home Service mixed Ljibouti. Clear at 2000.	
4785	0525	COLOMBIA	Ecos del Combeima strong in SS. (MS your 0440 unid?)	
4790	0330	PERU	Radio Atlantida fair. Exc at s/off 0600 with anthem. S/on at 0855 with national anthem and full ident.	
4790	1119	ECUADOR	Sistema de Emisoras Atalaya poor. (This is probably the unid Ecuadorean hrd by PM/BW at 1000.)	
4795	0321	BRAZIL	Radio Tabajara with PP talks, mx poor till s/off 0400.	
4795	0403	BOLIVIA	CP73 Radio Nueva America in the clear after ZYX30 off.	
4800	0454	LESOTHO	Maseru in EE with mx prgm, fair to good.	
4800	0654	ECUADOR	Radio Popular Independiente regular with Latin folk mx & idents as 'Popular de Cuenca', good.	
4800	0958	VENEZUELA	Radio Lara exc s/on in SS. Also hrd 0319 - 0400 s/off.	
4800	2000	CHINA	Radio Peking s/on with anthem etc in CC. Also hrd 1120.	
4805	1009	BRAZIL	Radio Itatiaia fair in PP with mx prgm.	
4805	1030	INDONESIA	RRI Jakarta vg in II past 1215.	
4810	0500	SOUTH AFRICA	Springbok Radio with mx prgm. EE anncts.	
4810	1010	VENEZUELA	Radio Popular fair with 'Programa especiales buenos/	
4815	1745	CHINA	Radio Peking strong. RR prgm 2000 'Goverit Peking'. (dias.)	
4820	0550	VENEZUELA	Radio Tricolor jingle good. Still hrd 0730 3/6.	
4820	0658	GAMBIA	Radio Gambia, Banjul weak in vernaculars.	
4820	0930	ECUADOR	Radio Paz y Bien good in SS.	
4820	1000	HONDURAS	HRVC Voz Evangelica signs-on under Paz y Bien.	
4820	1222	INDIA	AIR Calcutta with music prgm.	
4820	1919	USSR	Russian Home Service at poor level.	
4825	0929	BRAZIL	Radio Educ. de Braganca fair with mx prgm.	
4825	0950	USSR	Vladivostok with Home Service over unid Latin in SS.	
4825	1125	CHINA	Radio Peking with Foreign Service in JJ.	
4825t	1255	INDIA	AIR tentative with talks. SIO rating 354.	
4825	1800	USSR	Russian with strong signals. 1915 beginning CC prgm. Jammed.	
4825	1825	TANZANIA	Dar es Salaam weak with mx under China? (thats USSR)	
4830	0456	VENEZUELA	Radio Tachira suffering QRM from Reloj 4832.	
4830	1257	THAILAND	Radio Thailand good in Thai. China rptd here at 1125.	
4830	1930	GABON	RTV Gabonaise fair in FF, mainly music programming.	

<u>FREQ</u>	<u>TIME</u>	<u>COUNTRY</u>	<u>STATION</u>	<u>PROGRAMME & RECEPTION DETAILS</u>
4830	1125	CHINA		reported here. (Is this the 4832 Shenyang listing?)
4832	0304	COSTA RICA	Radio Reloj	from this time, fair to excellent allnite in SS with mx prgming.
4835	0430	SOUTH AFRICA	SABC	weak to fair with splash from Reloj.
4835	1045	SARAWAK or SRI LANKA		Also at 1225 with sports prgm.(Radio Malaysia most likely considering darkness path)
4840	0330	PERU	Radio Andahuayalas	at good level.
4840	1030	CHINA	PLA Fuzhou exc	in CC. Also at 1304.
4845	0250	BOLIVIA	Radio Fides	to s/off 0305,good.Vatican int.sig.Also 1045.
4845	0719	COLOMBIA	Radio Bucaramagna	fair with talk on local town. (?)
4845	0900	INDONESIA	RRI Ambon	fair-good. Koran readings at 0930.
4845m	0608	MAURITANIA	Nouakchott	with Koran readings. Fair 0655.F/out 0745. 1924 good in AA. 1938 vg in FF. 1945 FF news,good. Also reported on 4850 at 1945 with FF id 'Radio Televisione Mauritane'.
4850	1305	UZBEK SSR	Radio Tashkent	with local nx. Strong RR here 1805.
4853	1013	BOLIVIA	Radio Centenario	fair with mx prgm. (Not reported before)
4853	1835	YEMEN ARAB REPUBLIC	Sanaa	fair past 2000. 'Huna Sanaa' id in AA.
4855	0350	BRAZIL	Radio Clube do Para	clear. Also 0952 vg mixed Palembang.
4855	0930	INDONESIA	RRI Palembang	vg in Indonesian past 1250.Also rptd on/
4860	0330	VENEZUELA	Radio Maracaibo	in SS.Also at 0934 very good. (4852.
4860	0335	PERU	Radio Chincaycocha	poor in SS. Still audible 0540.
4865	0922	COLOMBIA	Voz de Cinaruco	vg signal in SS.(BC yr unid of 0908?)
4865	1127	CHINA	Lanzhou(listed)	with QRM.
4870	0520	BENIN	Cotonou	vg in vernacs at 0600. 1900 good. 1920 FF talks.
4870	1004	VENEZUELA	Radio Tropical	fair with nx. QRM from Sri Lanka(?)
4872	0855	INDONESIA	RRI Sorong	hrd at very good level to past 1308.
4875	0358	BRAZIL	Radio Jornal do Brazil	good in PP.
4875	0425	SOUTH AFRICA	Radio RSA	with EE ident. Lozi prgm from 0430. Also at 1851 concluding FF. PP at 1900. FF 2000,still fair at 2035.
4875	1020	ECUADOR	Voz de Esmeraldas	at excellent level.
4880	0300	VENEZUELA	Radio Universo	good till s/off 0400. 1000 s/on exc.
4880	0615	ZAIRE	La Voix du Zaire	fair in FF. Better in vernacs at 1840./
4880	1900	CHINA	Radio Peking	signing on in Russian. (Mali now 4881 in FF?)
4880	2025	NUMBERS STATION		good level in a European language.
4882	0411	DOMINICAN REP.	Radio Comercial	in SS, with some chimes.
4885	0330	COLOMBIA	Ondas del Meta	good past 0455. Strong 0954 past 1050.
4885	0910	BRAZIL	Radiodif.Acreana	fair with co-channel QRM.
4885	1248	INDONESIA	RRI Bukittinggi	good in Indonesian. Splash from 4890.
4885	1938	USSR	Russian Home Service	with good signals.
4890	0312	VENEZUELA	Radiodif.Venezuela	good. 1045 mixed Papua-New Guinea.
4890	0640	PAPUA NEW GUINEA	Port Moresby	vg in EE all evening. 1944 mx till s/on 2000 very good //3925.
4890	1308	MALAYSIA	Talk after nx,	fair signal.(? do you mean Bangladesh or/
4890	1902	SENEGAL	Dakar	with Koran. Ident 1905, poor. /4895?)
4895	0332	UNIDENTIFIED	Latin,	also unid at 0935 with splash Papua-NG 4890.
4895	1129	CHINA	many anncts	in CC hrd. Interval signal at s/off 1254.
4895	1837	USSR	Russian Home Service	excellent to past 2030.
4900	0310	VENEZUELA	Radio Juventud	good to s/off 0400. 1002 vg in SS.
4904 1/2	0430	CHAD	Ndjamana	with int.sig & s/on in FF over hash. Excellent in FF at 1800 to past 2035.
4905	0100	BRAZIL	Radio Relogio	first Latin in,fair.Exc later. In PP.
4905	0940	COLOMBIA	Emisora Atlantico	fair, mixed Relogio & an unid station.
4907	1112	KAMPUCHEA	(formerly CAMBODIA & KHMER REPUBLIC)	fair with popular mx prgm. NZPO advises no mail service currently to Phnom Penh.
4910	1940	GUINEA	Conakry	in FF with native mx. Telegraphy QRM.
4912a	0400	ECUADOR	Emis.Gran Colombia	in SS past 0534. 0945 vg but het.
4915	0300	BRAZIL	Radiodif.Macapa	good in PP with s/off at this time.
4915	0300	BRAZIL	Radio Anhanguera	poor-fair in PP after Macapa s/off.
4915	0500	COLOMBIA	Radio Guatapurí	with SS pops.Blocked by Ghana at 0530. Also hrd with full ident at s/on 0940.
4915	0530	GHANA	Accra	s/on in EE/vernacs.EE nx 0600. Also 1815 in vernacs.

<u>FREQ</u>	<u>TIME</u>	<u>COUNTRY</u>	<u>STATION</u>	<u>PROGRAMME & RECEPTION DETAILS</u>
4915	1310	CHINA	Nanning	here with fair signals.
4915	1820	KENYA	Nairobi	with Swahili Commercial Service. EE ident 1830, mx pgm.
4920	0330	HONDURAS	Radio Progreso	all over VLM4.
4920	0413	ECUADOR	Radio Quito	idents, mixed with Brisbane.
4920	1900	AUSTRALIA	VLM4 Brisbane	s/on, audible right thru to s/off 1400.
4920	1905	USSR	Russian Home Service	mixed VLM4, very poor.
4925	0940	CHINA	Haerbin in CC.	Also heard at 1311, fair.
4930	0345	DOMINICAN REPUBLIC	Radio Mil	to 0400 s/off. Also hrd at 1045.
4930	0407	ECUADOR	Casa de la Cultura	in SS.
4930	0515	UNIDENTIFIED	Latin American	with mx prgm, few anncts in SS.
4930	1002	VENEZUELA	La Voz de la Fe,	fair at s/on with QRM from an Asian.
4930	1255	UNIDENTIFIED	Indonesian station	with much music. (See 4932?)
4930	1803	USSR	Russian Home Service,	Tbilisi with news. 2004 H.S. poor.
4932	1045	INDONESIA	RRI Surakarta	poor in Indonesian. Splash 4930.
4935	1050	VENEZUELA	Radio Tropical	at s/on in SS. Many idents & mx prgm.
4935	1313	CHINA	Another Chinese station	observed here.
4940	0330	VENEZUELA	Radio Yaracuy	in SS. Also hrd at s/on 1000.
4940	1100	ECUADOR	Radio Nacional,	Quito signs on in SS.
4940	1921	USSR	Russian Home Service,	good level. Noted past 2115.
4945	0240	COLOMBIA	Radio Colosal	f/in in SS. Best Latin, hrd all evening to past 1045. Excellent at best.
4950	0943	SARAWAK	Radio Malaysia	presumed the CC prgm here. Splash Colosal.
4950	1000	VENEZUELA	Radio Coro,	weak at sign-on, but improving.
4955	0405	COLOMBIA	Radio Nacional.	Also at 1107, fair improving in SS.
4955	1314	INDONESIA	RRI Banda Aceh	heard at this time.
4960	1000	CHINA	Radio Peking	with Japanese prgm, strong past 1130.
4960	1040	VENEZUELA	Radio Sucre	good in SS.
4965	0337	COLOMBIA	Radio Santa Fe,	excellent in SS, all night.
4970	0310	VENEZUELA	Radio Rumbos	to 0500 s/off. 0900 s/on, hrd past 1040.
4972	0502	CAMEROUNS	Yaounde	poor with news in FF. Better 0519.
4975	0220	PERU	Radio del Pacifico	good in SS to past 0350.
4975	0404	BRAZIL	Radio Timbira	fair in PP. 0904 PP pop music prgm.
4975	0905	UNIDENTIFIED	Latin in Spanish,	mixed with teletype.
4975	1317	CHINA	Fuzhou	in Chinese.
4980	0210	VENEZUELA	Ecos del Torbes	fair. Excellent at 1000 s/on, past 1130.
4980	0530	GHANA	GBC in EE & vernacs.	Also vg 1840-1920. Nx 1900, pop prgms.
4985	0200	BRAZIL	Radio Brasil Central	poor in PP, exc later, 0653, 1045.
4985	0915	INDONESIA	RRI Ujung Padang	very good in Indonesian. 1300 news.
4990	0350	VENEZUELA	Radio Barquisemeto	exc in SS. Good at 1040.
4990	0529	NIGERIA	Lagos	fair in EE. EE news 0600 at weak level.
4990	1941	ARMENIAN SSR	Radio Yerevan.	Fair in Armenian after 2000. AA earlier?
4993.7	1137	UNIDENTIFIED	Indonesian	very poor but in the clear.
4995	0220	PERU	Radio Andina	heard past 0600, improving to exc. 1138 good.
5005	0230	BOLIVIA	Radio Universo	good to very good, past 0330.
5005	0924	SARAWAK	with local lang prgm.	Good, noted past 1130.
5010	1040	SINGAPORE	Radio Singapore	fair-good in English.
5010	1924	CAMEROUNS	Radio Garoua	in vernaculars with commercials.
5015	0614	BRAZIL	Radio Cultural	de Cuaiba ZYK24 in PP. (extended sked?)
5015	0930	USSR	Vladivostok	in RR past 1045. Also 1800 past 1910. Nx 1800.
5015	1140	CHINA	Radio Peking	signing off with interval signal. (? unsked?)
5020	0359	VENEZUELA	Radio Nacional,	Caracas good at s/off with anthem. Also 1003 vg in SS with SIBS missing.
5020	0618	SOLOMON ISLANDS	SIBS Honiara	in EE & Pidgin all evening. Again from 1900 s/on in EE, fair thru teletype.
5025	0433	ECUADOR	Radio Splendit.	Also with sign-off at 0430, many idents.
5030	0300	VENEZUELA	Radio Continente	f/in. S/off 0500 excellent. 0900 s/on, noted to past 1100 over another Latin.
5030	1300	CHINA	Radio Peking	heard signing on at this time.
5035	0442	BRAZIL	Radio Aparecida	good in PP.
5035	1757	UNIDENTIFIED	station	with announcements in CC, followed by talk.
5039	1809	SUDAN	Omdurman	with AA music programming.

<u>FREQ.</u>	<u>TIME</u>	<u>COUNTRY</u>	<u>STATION</u>	<u>PROGRAMME & RECEPTION DETAILS</u>
5040	0350	ECUADOR	Radio Nacional Espejo	HGCB7 in SS to 0400.
5040	0357	COLOMBIA	Radio Cinco	noted past 0600, very good.
5040	0600	PERU	Radio Libertad de Junin.	Also with 0459 s/off.
5040	0950	CHINA	Fuzhou	with Home Service, very good.
5040	1045	BURMA		in local langs. Exc by 1130. EE at 1430.
5040	1751			UNIDENTIFIED with opera mx, fair with het. Probably RR Home Service.
5045	0243			UNIDENTIFIED Latin American fair to s/off at 0300.
5045	0944	BRAZIL	Radiodif. Presidente Prudente	with PP music.
5045	1144			UNIDENTIFIED station in Chinese, fair.
5047	0533	TOGO	Lome	fair in vernaculars. Very good at 1810 with music.
5047	1000	INDONESIA	RRI Jogjakarta	good, but with het, past 1100.
5050	0510	PERU	Radio Loreto	fair with mx prgm, few idents.
5050	0615	VENEZUELA	Radio Mundial	strong signal in SS.
5050	1825	TANZANIA	Dar es Salaam	with local mx, but bad QRM.
5052	1003	SINGAPORE	Radio Singapore	fair in EE.
5053	0929	MONGOLIA	Ulan Bator,	opera mx, weak in Mongolian dialects.
5055	0945	BRAZIL	Radio Educadora Sobral.	Talk prgm clear in PP.
5060	0442	ECUADOR	Radio Nacional Progreso HCEH3,	music prgm, fair.
5060	1302	CHINA	Home Service	with news in CC.
5075	0933	COLOMBIA	Radio Sutatenza	vg, but with het, past 1145 in SS.
5092a	1800	CHINA	Radio Peking	SSB transmission in EE with nx, cmtry in LSB. 1955 concluding SS prgm with Internationale. Very good signals.
5095	1147	COLOMBIA	Radio Sutatenza	in SS.

Many thanks to the 10 contributors: Paul Ormandy (108 entries), Paul Edwards (70), Mike Smith (65), Bryan Clark (57), Peter Mott & Brian Withers (37), Ray Crawford & Steven Greenyer (25), Paul Rawdon (23), Colin Campbell (3).

COORDINATED BY PAUL EDWARDS.

STATION OF THE MONTH

NHK commenced radio broadcasting in Tokyo on 22 March 1925. In June of the same year, broadcasts also began from Osaka and Nagoya. In 1928, stations were opened in Sapporo, Kumamoto, Sendai and Hiroshima. Linking of these stations established the foundation of a nationwide network.

NHK's Overseas Broadcasting Service - Radio Japan, began in 1935. Programmes consist today of quick and accurate newscasts, commentaries, information introducing Japanese culture, social and industrial conditions, musical and entertainment programmes featuring Japan. The Overseas Service is divided into the General Service and Regional Services. The General Service may be considered the world-wide service directed to all parts of the world. The Regional Service is beamed to specific regions.

Last May, Radio Japan made a frequency change in the Australian/NZ Service. The broadcast, 0930-1030 GMT is now on 9670kHz, having replaced 15235kHz, which had carried this EE transmission for many years. The parallel 25 metre band channel 11875kHz is still in use. The new frequency suffers co-channel

interference from Radio Moscow & Radio Peking. Address reception reports to Nippon Hoso Kyokai, (Japan Broadcasting Corporation), Tokyo, JAPAN JM

RADIO BANGLADESH English External Service is scheduled: 0445-0515 GMT on 15410 and 21685kHz; 1115-1145 on 6015 and 7150kHz; 1230-1300 on 15270; and 1815-1915 on 9550 & 11970kHz. BBC MS (c)

UGANDA broadcasts to North Africa at 7900-2100 on 9730kHz and to South Africa 1600-1800 GMT on 9515kHz. Bill Vogel

VOICE OF INDONESIA English External Service is scheduled 0900-0930 GMT on 9710 and 11790kHz; 1100-1200 on 11790 kHz; 1400-1500 and 2330-2400, both on 9710 and 11790kHz. BBC MS (c)

RADIO NEDERLAND has issued a special QSL card in memoriam of the great SW radio pioneer Edward Startz. SCDXers

TRANS WORLD RADIO has a red & white paper pennant with the TWR symbol and station names on it. Brent Allred

Shortwave Mailbag with Tony Marr

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another month of good activity, and plenty of good QSLs to hand. One worthy of special mention is Barry Williams' success with La Vol de Galapagos on 4810 khz. It's pleasing to see quite a good response for the BOM this month, but please make sure your entries fulfil all requirements - at least one good entry has been dis-qualified this month because of insufficient attention to the rules. Now, to the mailbag once more :

WAYNE LAWRENCE Waipukurau is first up this month with 8 out, and QSLs from NHK 5990 RNZ 11705 Peking 9280 11650 with a badge and pennant.

DENE LYNNEBERG Wellington has a neat list with 14 away, and replies from RNZ 9655 11960 15280 RBI 15115 Vila 4975 RNE 6120 Messias/Sines 9610 IBA 5882.5 9425 15465 15512.5 Veritas 15270 SABC 4810 Cayenne 285 Kuwait 9555 Uganda 15225 Martinique 215 for country 185. A good collection.

DES DAVEY Te Kuiti has sent 6 away, and has heard from AFRTS 11805 Tahiti 9750 11825 15170 KBS 11925 Cuba 11760 11815 Tashkent 9540 9600. Glad you're fighting the cold OK.

JACK FARROW Lower Hutt has a back from Budapest 6000 RNE 11880 BBC 17880. Ta.

WYN MACHON Invercargill has a good lot, FEBE 15590 Bonaire 11750 RA 15240 15140 VOA 21485 21650 Brasil 11780 NHK 15310 9670 Saudi 11950 RNZ 11845 IBA 7412 RAI 21690 Praha 7245 11855 RSA 15220 Super 6065.

CECIL SYMMES Wellington has 3 months' QSLs with Vila 2945 Tangier 7180 Tahiti 15170 DW 17825 Kigali 17780 RNZ 6105 RA 7220 7290 9670 9770 15415 Peking 7025 CBC 5960 NHK 9670 BBC 7120 FEBE 15290 VOA Mon 6045 AFRTS 6095 Moscow 11690.

ARTHUR CUSHEN Invercargill has them from SBC 11950 FEBA 11810 15270 Athens 9760 Warsaw 6025 IBA 9815 15465 17665 7412 RN Talata 7285 Madras 9750 CBC 9570 RA 7225. Thanks.

IAN CATTERMOLE Blenheim has been busy with 22 out, and QSLs from P2K 2925 Milne Bay 2960 Hanoi 10040 SBC 6165 Noumea 7170 2955 Tashkent 9600 Lisbon 6025 Warsaw 9615 6125 KBS 9640 Peking 7120 HJKJ 6160 ORF 9770. Hope those Latins come back for you, Ian.

ROBIN SALISBURY Palmerston Nth, in his first contribution to us, tells of 6 out and veries from NHK 11875 RA 9570 9580. Welcome, Robin, and we look forward to hearing more from you.

BRENT ALLRET Motueka has had a busy month with 21 out, and QSLs from RBI 7260 RN Bon 11730 RNE 11945 Budapest 11910 Bucharest 11940 VLM4 4920 Tahiti 11825 NHK 15195 Malaysia 15290 Peking 9460 11445 15060 AWR 9670 Praha 11855 UAR 9475 RA 9515 15355 15160 ORF 6015.

PAUL ARONSEN also has a monster list, with 15 out, and veries from SABC 4810 4825 VOA 21485 Peking 11600 NHK 2607 FEBE 7225 15290 Kabul 15195 RA 15140 IBA 9820 12077 RNE 9600 11775 HCJB 9625 Tahiti 11825 Paris 2965 RNZ 9585 Ghana 4915 P2K 2925 Noumea 7170 WYFR 9525 11805 VOFC 11825 RN 17810 Kuwait 7120 AFRTS 11790 Gabon 4830. Yes, a good lot there, Paul.

ASH NALLAWALLA Dunedin has one out and one in., KBS 11850 with 3 pennants. Hope the theory study is coming along well.

MASAMI ONIZAWA Japan has QSLed Kuwait 9555 ORF 17810 SBC 15305 AWR 9670 Kiev 12045 Tashkent 11925 TWR Swazi 9590 IBA 9009 Cuba 9525. Thanks.

PETER GREENER Auckland has come back to the fray with 20 out, and QSLs from CBC 11765 Peking 11445. A dipole is good for the band it's cut for, but probably inferior to a long wire for general frequency coverage.

IVOR HILL Bluff has a good lot back RN 9715 9770 11730 DW 9725 9605 RA 9730 9625 Peking 11720 11600 9020 HCJB 6130 Praha 11900 9505 RNE 6065 Warsaw 9675 Moscow 11770 Sweden 6065 VOA 9750 11770 UN 9555 9555 Budapest 11910 FEBE 11855 BBC 9600 Paris 11825 3 from NHK. You're doing well.

IF YOU WROTE TO GOVERNMENT PROTESTING THE SHORTWAVE CLOSURE, SHOULDN'T YOU WRITE AND ACKNOWLEDGE THEIR DECISION TO REINSTATE THE SERVICE? DO IT NOW!

PAUL ORMANDY Oamaru has sent 5 out,
and has QSLed P2K4 3925 RNE 6065
SABC 4810 Gabon 3350 SWF 7265 Iraq
7225 FEBC 15300 21515 Cuba 11760
41725 VOM 15290 RCI 11705 FEBA
15270 NBS 15120.

BILL VOGEL Adelaide has 7 away, and
QSLs from Congo 4765 Uganda 9730
Ghana 4980 RNZ 6105 RNE 11730 9570
NHK 7140 RN Bon 11730 RCI 9025 RA
7240 15415 15160 9570. Sorry about
that, Bill, don't really know how
that small mystery came about :

BRYAN CLARK Wellington has some good
ones from DW Kigali 15410 RCI 9535
Cayenne 3385 FEBA 11810 15270 Austria
Army 6221 Martinique 3315 for country
162. 3 out also.

ERIC McINTOSH Invercargill has 5 logs
with veries in from VQ05 5020 P2K4
RNZ 6015 IBA 7462 DW Kigali 21540.
Good to hear from you, Eric. More
next month, I hope.

STEVEN GREENYER Invercargill has two
back from Belize 3300 Martinique 3315.
Both well worth having.

DAVID FELDON Rotorua has a couple in
with AIR 11770 Taniti 15170. Thanks.

JIM BENZONI Hamilton also has two in
RTF 9525 RA 6045, and also has 2 out.

JOHN MAINLAND Wellington has QSLed
FEBA 11810 Oslo 15135 CBC-D 11720 NHK
9670 ORF 15280 17810 17840 Veritas
15280 Uganda 15325 Austria Army 6221.

RAY CRAWFORD Invercargill has heard
from RNZ 11845 11960 15380 RNE 9600
Venezuela 4090 Centinea del Sur 4755
Belize 3300 Turkey 9515 BFC 7140 and
Martinique 3315. Some goodies there.

LINDSAY ROBINSON Invercargill has 5
logs out and veries in from Iran 9022
RNE 11730 RN 11845. Good luck at Tiwai.

PAUL RAWDON Lower Hutt has 6 off and
has QSLed Canary Is 11800 Tunis 11970
Tanzania 5050 Amman 7155 Kiev 9610
Ascen BBC 7105 Yerevan 4990. Some good
ones there, too.

MIKE SMITH Matamata has a loner back
from Malaysia 4095. Better than none
at all, though.

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TIM Mc SWEENEY Queensland has sent 4 off
and has verified UN Dixon 5955 VOA Gwle
6080 Kavala 7170 BBC Tebrau 9570 Praha
11855 SBC 9590 RSA 11900.

PAUL EDWARDS Wellington has them in from
P2K4 4890 RSA 3995 4875 Manus 3905 Ghana
4915 Yerevan 4990. Congrats on Manus.

BARRY WILLIAMS Auckland has succeeded
with Yerevan 4990 HCVG8 4810 Moscow 9680
Tanafu 3975 RSA 4875 Peking 11445 RCI
11855. Very nice.

KEITH ROGERS Lower Hutt is last up this
month, and reports being very busy with
38 out, and QSLs from WYFR 11855 Riyadh
6085 Singapore 0155 NHK 9605 IBA 5900
Islamabad 15115 Cuba 11970 Bonaire 9590.

BEST OF THE MONTH

OVER 9 MHZ

FEBA 11810khz 25kw

John Mainland

UNDER 9 MHZ

Austrian Army Radio 6221khz 1kw

John Mainland and Bryan Clark

A TIP THAT MIGHT BE HELPFUL from
Jack
Searle

In my area, the supply of enamelled
copper wire is almost nil. I had to go
to Palmerston North to buy fine stuff
so many DXers may have similar trouble
getting wire to wind antenna tuners.

Absolutely ideal wire can be had free by
opening up an old faulty car ignition
coil. Your local garage or service station
probably throws them away by the
dozen! Cut around just below the top,
(watch out - it's full of oil!), then
lift out the winding. The top half dozen
layers are the primary winding and will
yield about 20 yards or more of good
enamelled copper, around 24G, depending on
the actual coil. The secondary winding
is too fine to be of any use, and in any
case is usually defective if the coil is
rejected. After winding your coil, wash
it in petrol or white spirit to remove
the oil which would otherwise make soldering difficult.

SHORTWAVE BANDWATCH

15



ALL FREQUENCIES IN KILOHERTZ. TIMES GMT (NZT - 12 hrs)

In Bandwatch this month, Barry Williams notes La Voz de Galapagos on their 60 metre band channel, with a verification already to hand; Arthur Cushen observes a frequency change for Centinela del Sur in Ecuador, and reports a new 17MHz frequency for Radio Nacional de Brasilia. African highlights include Conakry, Guinea on 60 metres, Radio Mozambique's Portuguese Service on 31 metres and Kinshasa, Zaire on 19 metres. Radio Nepal has been heard on the 41 metre band, Radio Malaysia with English on 31 metres, and Iran has a new channel for it's 2000 GMT English Service. John Mainland

FREQ	TIME	COUNTRY	STATION	PROGRAMME & RECEPTION DETAILS	INITIALS
3222	1953	TOGO	Lome	weak with local music prgm.	PE
3265	1956	Mozambique	Radio Mocambique	very poor. EE news 2000.	PE
3275+	1822	SWAZILAND	TWR Manzini	with rlg talk in Mandarin CC, fair.	DW
3290	1125	PAPUA NEW GUINEA	Radio Central	noted till s/off 1202 w/anthem. KR Also Kerema 3245 at 1133, Western Districts 3305 at 1053. KR	KR
3300	0400	BELIZE	Radio Belize	with EE local & world nx, good. PO. 0500 Nx, devotional, followed by local anthem & GSQ. Off 0507.	AC
3300	0511	GUATEMALA	Radio Cultural	weak signal with ids & orchestral.	PE
3306	2000	RHODESIA	Gwelo	poor with nx in unid lang. Too noisy.	PE
3316	2000	SIERRA LEONE	SLBS	poor with EE news. PR. Better earlier.	PE
3355	1046	NEW CALEDONIA	Noumea	strong in FF. S/off 1104. JB. 0549 poor. CS 0955 talks & ident in FF, fair.	CS
3396	2000	RHODESIA	RBC Gwelo	good with EE Nx often. PE. 1903 EE prgm, pr. PR	PR
3945	0652	NEW HEBRIDES	YJB4 Vila	good with news in Pidgin. LM 0940 in FF. CS	CS
3970	0500	GREAT BRITAIN	BBC	strong with World Service news in EE.	JS
3985	0430	SWITZERLAND	SEC	in FE fair // 6155, 9535, 9590, 9725, 11775. PO	PO
3990	0410	WEST GERMANY	Radio Free Europe	, mixed with Aeradio, good level. JS	JS
3990	0415	LIBERIA	VOA Monrovia	fair with Breakfast Show. Listed 8kw. AC	AC
3995	0430	WEST GERMANY	Deutsche Welle	very good in GG. JS	JS
4736	1650	PAKISTAN	Islamabad	fair copy EE 1700-1745. Nx 1700. BW. 1732 Mx. DW+	DW+
4765	0300	BRAZIL	Radio Emis. Educ. Rural	call & anncts. AC. 0310 Exc. Off 4. RC	RC
4765	0443	CONGO	Brazzaville	good in FF with mx prgm. PE. 0555 Vernac nx. PR	PR
4775	0230	BRAZIL	Radio A Voz de Oeste	, mx prgm. AC. 0250 fair, heavy het. RC	RC
4777	1825	GABON	Libreville	poor in FF. Very good 0520 in FF. PE	PE
4780t	1855	AFFARS & ISSAS	Djibouti	poor with African music prgm. DW+	DW+
4795	0240	BOLIVIA	Radio Nueva America	with good signals. RC	RC
4800+	1105	VENEZUELA	Radio Lara	poor in SS with mx, ids, anncts. QRM Peking. BV	BV
4840	1210	GALAPAGOS ISLANDS	La Voz de Galapagos	HCVG8 s/on with interval signal. Sked 1215-1430 & 2300-0400. Extremely difficult logging due bad het. Had to use LSB and filter. BW	BW
4815+	1903	UPPER VOLTA	Ouagadougou	ident. Poor in vernacs due QRM. DW	DW
4820t	1040	HONDURAS	La Voz Evangelica	poor in SS w/religious prgm. DW+	DW+
4820+	2220	ANGOLA	Luanda	fair in PP. Id as Radio Nacional Difusora. BV	BV
4832	0537	COSTA RICA	Radio Reloj SS	mx prgm, good. Many idents. BA. 0920. CS 0700 //6006. AC. Id as "Esta es Ellas Emisoras, la una en Costa Rica", with time checks, including seconds. PE	PE
4840	0527	PERU	OBX5E	with political talk till s/off at this time. AC	AC
4850+	0748	DOMINICAN REP.	Radio Clarin	poor in SS with idents & mx. BV	BV
4845	1934	BOTSWANA	talks	weak signal. (More info w/items pse Paul) PA	PA
4845+	0900	INDONESIA	RRI Ambon	fair in Indonesian. Ident, nx, mx. BV	BV
4850	1940	MAURITANIA	AA	songs by group fair. PA	PA
4850	1705	UZBEK SSR	Tashkent	in RR to s/off 1758. Ident, int/sig 1755. BW	BW
4853	1846	YEMEN ARAB REPUBLIC	Sanaa	good in AA. JS	JS
4855	0345	BRAZIL	Radio Clube do Para	exc with EE records. Off 0400. RC AC	RC AC
4860	0503	PERU	Radio Chincaycocha	frequent ids. Good for an hour. JS	JS
4870	1857	BENIN	Cotonou	with FF prgm. PR. 2020 poor in FF mx, idents. BV+	BV+

<u>FREQ</u>	<u>TIME</u>	<u>COUNTRY</u>	<u>STATION</u>	<u>PROGRAMME & RECEPTION DETAILS</u>	<u>INITS</u>
4871+	1053	INDONESIA	RRI Sorong	fair in Indonesian. Mx prgm with id.	DW
4875	1630	SOUTH AFRICA	RSA hrd till past 2130.	BW. 1727 poor in FF. 2056 EE External Svce. PA 0425 EE headline news.	CS AC
4880	1020	VENEZUELA	Radio Universo	poor in SS.	CS.1044 fair. DW+ 1058 fr. BV+
4885	1754	KENYA	Kisumu	with Indig. mx pgm fair in vernacs. Id, nx 1800.	PE DW+
4890	0448	ECUADOR	Radio Centinela del Sur	new frequency signing off after sports relay in SS.	AC 4895 exc sig with Hit Parade, Sunday. RC
4900+	1049	VENEZUELA	Radio Juventud	with SS mx prgm. Ident 1100, fair.	DW
4904½	1900	CHAD	Ndjamana	fair in FF. LR. 1920 FF poor. MO+ 0500 in AA, clear.	PE
4910	1900	GUINEA	radiodif. Nationale	poor with FF prgm. FR. 1914 FF talks.	PE
4920	2000	AUSTRALIA	VLM4 Brisbane,	good signal. RCK. 2015 pops, strong.	JB
4926	1900	ECUATORIAL GUINEA	Radio Ecuatorial	brief ident followed by guitar mx prgm. PO (Definite id? Now uses ident "La Voz del Partido" according to African sources. Maputo has PP 4924. Ed)	
4932	1045	INDONESIA	RRI Surakarta	poor in II with QRM from 4930.	PE
4945	0350	COLOMBIA	HJDH Radio Colosal	fair with pop music.	LM
4965	0735	COLOMBIA	HJAE Radio Santa Fe	good in SS. Mx, ids. LM. 0739 poor plenty of SS ids. CS. 0702 SS mx, ids. BA. 0750 SS fair. BV+	
4970	1105	SABAH	Kota Kinabalu	fair in Bahasa Malayan with nx, mx.	PE
4975	0035	NEW HEBRIDES	Vila	heard till t/out 0120 in FF & EE. Presumed this replacing 7260 for day-time service 0030-0200. 9/7.	DL
4980	0400	VENEZUELA	Ecos del Torbes	YVOC SS id & anthem at s/off.	LM
4985	2245	BRAZIL	Radio Brasil Central	with fair signals all day! Never noted Brazilians this early before. Relogio Federal 4905 f/in at 2325. Followed to s/off 0303. 9/7 DL. Central 0420. CS	
4985+	1057	INDONESIA	RRI Ujung Padang	fair in Indonesian. Ident 1100.	DW
4995	0300	PERU	Radio Andina	id in SS. PA. 0450 good. JS. 0545t anthem.	CS
5005	0324	BOLIVIA	Radio Universo	good, plenty ids & advts.	PO
5030	1810	PAKISTAN	Radio Pakistan	Nx then national anthem, good.	PR
5030	0145	VENEZUELA	Radio Continente,	earlier than ever. DL. 0500 vg at s/off with full ident. JS. 1030 strong with SS mx, anncts.	JB
5040+	0801	COLOMBIA	Radio Cinco	poor in SS. Definite id 0830.	BV
5886+	1040	INDONESIA	RRI Pakenbaru	with pop mx, id 1100. Fair in II.	DW
5930	2122	CZECHOSLOVAKIA	Prague	vg with FF service. Sign-off 2125.	BA
5945	0455	MONACO	TWR Monte Carlo	GG rlg prgm. New frequency 12/6, fair.	JM
5955+	2100	FRANCE	RFI s/on with 'Ici Paris',	then SS news. Good.	BV
5975	1900	GREAT BRITAIN	BEC World Service	strong. Also 0508 strong.	JB
5980	0545	PERU	Radio Panamericana	heard to 0600 on a Sunday.	AC
5980	1030	USA	KGEI San Francisco	strong in EE. JB. EE rlg prgm, exc.	BA
5985	0715	PAPUA NEW GUINEA	Radio Rabaul	sports cmtry to 0720. S/off 0740 after music prgm, Sunday 13/6.	AC
5990	0515	FRANCE	France Inter	prgm strong with FF news.	JB
6000	0650	COLOMBIA	Radio Super,	Medellin poor to fair signal.	RC
6005	1550	AUSTRALIA	RA Carnarvon	here ex 6035 12/6. Fair in EE.	JM
6005	2115	ASCENSION ISLAND	BEC relay with WS	strong. JB. 1945 fair in EE. TMs+	
6025	0500	PORTUGAL	Lisbon	in EE to USA at new time //11935. JM. 2030 EE. JS CS	
6035	1100	BOLIVIA	Radio Panamericana	ids by woman annct with light mx. Anncts after every second recording.	AC
6040	0152	EAST GERMANY	RBI fair with SS cmtry.	CS. 0425 vg in PP.	BA
6045	2200	LIBERIA	VOA Monrovia	EE nx, fair. VOA Wooferton on 6040 too.	CS
6055	0713	PERU	Radio Continental	vg with SS music prgm.	PO
6055	0945	JAPAN	NSB Tokyo	good with EE language lessons.	PO
6060	0945	SARAWAK	Radio Malaysia,	Kuching in vernacs. PO. 1130 local annct. AC	
6130	0730	ECUADOR	HJJB The Voice of the Andes,	Quito good. EE rlg pgm. RC k	
6135	0300	POLAND	Warsaw	good in EE for the USA.	JS
6135	0800	BRAZIL	RTV Gaucha	with PP advts. Also Bandierantes 6185 at 0830, Guarani 6175 0846, Cultural Bahia 6155 0939.	PO
6150	0900	AUSTRALIA	VLR6 Melbourne	strong with 3LO relay.	RCK
6155	1027	SINGAPORE	radio Singapore	fair in Malay. QSL in 2 weeks.	KR

FREQ	TIME	COUNTRY	STATION	PROGRAMME & RECEPTION DETAILS	INITS
6155	0430	USA	WYFR	Family Radio good with 'Listeners Letterbox', Sunday.	PO
6165	0520	NETH.	ANTILLES	RN via Bonaire fair in EE 0500-0620.	KR
6180	0900	GUATEMALA	La Voz de Guatemala	vg in SS. Many idents & advts.	PO
6183m	0330	POLAND	Warsaw	in EE. Polish 0335-0355. Poor, new freq 4/7.	JM
6190	0720	COLOMBIA	La Voz de los Centauros	SS id, Latin music. Fair 29/6. New frequency ex 5962. (PO please note)	JM
6382	1221	MONGOLIA	Ulan Bator Radio	fair with EE programme.	PGr
6575	1900	NORTH KOREA	Pyeongyang	s/on in FF. Strong signal.	JB
7105	1815	SPAIN	RNE Madrid	strong in SS to Europe. JB. 6075 at 2120 fr.	DF
7105	1435	NEPAL	Radio Nepal External Service	in EE till t/out 1505 25/6. Poor, new frequency.	JM
7135	0238	USSR	Dushanbe	reported here. RR prgm hrd till s/off 0330.	BW
7215	2115	GREECE	Athens	good with EE news.	JS
7220	0315	HUNGARY	Budapest	fair-good with mx, DX prgm. RS. 0300 good in EE.	PO
7235	2045	PAKISTAN	Rawalpindi	in Urdu/EE //9460. Faded out 2130.	JS
7240	2117	AUSTRALIA	RA Carnarvon	good in EE.	JS
7245	0600	ALGERIA	Algiers	with anct in FF. AC. 0645 FF music, fair.	LR
7275	0415	ITALY	RAI Rome	fair in EE. PO. 0437 in EE to 0440, good.	BA
7345	0300	CZECHOSLOVAKIA	Prague	vg in EE //9540. PO. 1902 EE nx, poor.	CS
9210m	2215	AUSTRALIA	RA	with SSB tx in EE & Indonesian. (To Carnarvon?)	JS
9445	2059	PAKISTAN	Radio Pakistan	EE to UK/Europe to 2145. Fair ex 9780.	JM
9465m	2057	PAKISTAN	Rawalpindi	in EE at 2100 //7375. Both very good.	JS
9535	2310	WEST GERMANY	DW	strong in GG. JB. EAST GERMANY 0000 RBI in SS.	JS
9545	2130	WEST GERMANY	DW Cologne	vg opening in PP to Brazil. Exc 0300.	JS
9550	2030	FINLAND	Helsinki	vg in EE to the Americas // 11755.	JS
9555	1910	KUWAIT	Radio Kuwait	strong with EE pop music.	JB
9560	0841	AUSTRALIA	RA Carnarvon	relay fair signals 2/6.	AN
9575	0253	ITALY	Rome	vg to North America. Changes from Italian to SS 0305.	AN
9610+	0300	UKRAINE	radio Kiev	fair in EE, nx, cnt, mx. QRM Perth.	BV /KR
9610	1238	PHILIPPINES	Radio Veritas	in II. Thai 1300, fair. Ex 9550, 25/6. JM	JM
9620	0532	MOZAMBIQUE	Maputo	with PP Svce. Anncs, mx poor 16/6. JM. 0529 Radio Mozambique with idents in PP & popular mx till news at 0600, good 23/6. Also logged 20/6, 21/6, 22/6 but only poor. BC	BC
9625	0500	CANADA	RCI Montreal	fair with news. S/off 0505.	AN
9635	0734	SINGAPORE	Radio Singapore	fair reception of Chinese Service.	JS
9645	0600	NORWAY	NRK Oslo	in EE till 0625 then 5 mins SS. (Mon only? Ed)	PO
9665	2030	EAST GERMANY	RBI	good in EE to Africa //15390. Co-chan USSR.	JS
9665	0303	USSR	radio Kiev	with EE news and mailbag, very good.	BA
9700	0400	BULGARIA	Radio Sofia	EE nx, fair. JF. 0421 folk music, fair.	PODW+
9735	0256	SOUTH AFRICA	Radio RSA	int. sig, EE id 0300. New freq under DW.	JM
9745+	1930	IRAQ	Radio Baghdad	poor with EE prgm.	MO
9745	0430	BULGARIA	Sofia	in SS to Latin America new freq //9700, fair.	JM
9750	0830	MALAYSIA	Voice of Malaysia	EE Service Nx. New freq fair 28/6. JM	JM
9765	2100	WEST GERMANY	DW Cologne	to A/NZ exc to 2200. JS. 2140 good. RS.	TMS+
9780	0355	YEMEN ARAB REPUBLIC	Sanaa	with AA talk, mx. News 0430, fair.	JM
10040	1800	VIETNAM	Voice of Vietnam	excellent with information prgm.	RS
11720	0239	USA	WYFR Family Radio	with SS anncs & music.	BA
11735	0745	PORTUGAL	Radio Free Europe	weak with light orchestral music.	DF
11740	2207	INDIA	AIR	with EE nx, good. BA. 2125 good in EE till off 2230.	TMS+
11755	0400	ROMANIA	Bucharest	in EE to Nth America. Fair ex 11775. nf. JM	JM
11760	0353	CUBA	Havana	fair with EE news. JF 11766? 0222 in SS, mx, anncs. BA	BA
11770	2006	IRAN	Teheran	in EE to 2026 with Nx, mx etc. Poor ex 9022. 3/7. JM	JM
11795	2100	BRAZIL	Radio Nacional de Brasilia	new frequency. Opening in EE at this time but mixed with Deutsche Welle.	AC
11795	2157	RWANDA	DW Kigali	relay good in GG.	JS
11800	2100	AUSTRIA	Vienne	new frequency to Sth America. 11835 also a new freq, hrd 2300 till closing 2400.	AC
11810	0415	SEYHELLES	FEBA	now has AA Service //15270. JM. 0410 interval signal till s/on 0414. KR. 15270 poor in AA 0411. Fading.	PGr
11835	1042	SRI LANKA	Colombo	fair with EE id, nx 1045. JJ at 1100.	KR

FREQ	TIME	COUNTRY	STATION	PROGRAMME & RECEPTION DETAILS	INITS
11835	0000	VATICAN STATE	Vatican radio	heard in SS to 0025.	AC
11845	0400	AUSTRALIA	RA Shepparton	EE nx, only fair //15290.	JS
11850+	1927	NORWAY	Oslo fair	in Norwegian. Vocals, ident 1930.	DW
11855+	2115	CANADA	RCI fair	in EE with news, magazine show.	TMS
11860	2205	NORWAY	Oslo with EE	sundays to America/Asia. Fair to good.	JS
11875	0930	JAPAN	Radio Japan	good-excellent with Nx,Cmtry, reports.	RE
11910+	2200	ITALY	RAI Rome	good in EE to Japan with nx and mx.	MO
11925	0030	NETH.ANTILLES	TWR Bonaire	good in EE. Pgr 0100 EE nx, fair.	JF
11935	0517	PORTUGAL	Lisbon with	documentary & station ident., fair.	DF
11950	0715	SWITZERLAND	SBC Berne	EE & Italian, weak. //11775 good.	JS
11965+	0549	GUINEA	Conakry	fair in FF. Ident 0610.	DW
12000	0350	EAST GERMANY	RBI Berlin	in EE mixed Moscow & VNG time sigs.	AC
15100	2003	ISRAEL	IBA Jerusalem	with EE news.	PA
15120	0612	NIGERIA	NEC External	Service in EE fair but splash from jamming 15125. Cmtry, then Music Nigeriana on Sats. <u>PE</u> . 1758 EE good.	MO+
15150	0119	CHILE	La Voz de Chile	in EE and SS. Poor.	JS
15110	2000	USA	WYFR Family	Radio EE nx, rlg prgms, poor to Europe.	JM
15170	0401	TAHITI	Papeete with	Tahitian anncs & music, fair.	BA
15190	0054	CANADA	RCI closing	in SS to Latin America. Id in SS,FF,EE good.	JS
15200	2300	VATICAN STATE	Vatican radio	with news in FF.	JF
15270	0200	USA	VOA Dixon	in SS "Buenos Noches de Norte America", strong.	JB
15320	2300	NETH.ANTILLES	RN Bonaire	s/on in SS to South America.	JS
15335	0100	EGYPT	Cairo very	good with SS programme.	JS
15350	0600	ZAIRE	Kinshasa	FF talk & mx. Poor to fair //15245 21/6.	JM
15385	2235	MEXICO	XERMEX	good in SS. PA. 0300 Radio Mexico, abrupt off 0351.	AC
15395	0730	CZECHOSLOVAKIA	Prague in	EE to Asia/Pacific. Poor ex 15415.	JM
15415	2230	HUNGARY	Budapest	in SS to Sth America, fair.	JM
15425	0005	AUSTRALIA	VW15 Perth	with music prgm, good.	BA
15435	2140	AUSTRIA	Vienna good	to Sth America. GG news at 2200.	JS
15505	0300	USSR	Radio Kiev	with EE nx & Mailbag prgm, very good.	LM
17840+	0445	AUSTRIA	Vienna with	EE talk //6015. Ident 0453, good.	DW
18080+	1100	GREAT BRITAIN	BBC London	good in Japanese.	MO

CONTRIBUTORS: Welcome to newcomers RS Robin Salisbury RCk Ross Clark.
 And to our regulars: DF David Feldon RC Ray Crawford LR Lindsay Robinson
 PE Paul Edwards LM Leigh Morris PR Paul Rawdon AN Ash Nallawalla
 JM John Mainland JS Jack Searle JB Jim Benzoni BW Barry Williams
 PO Paul Ormandy PGR Peter Greener BA Brent Allred PA Paul Aronsen
 AC Arthur Cushen KR Keith Rodgers BC Bryan Clark JF Jack Farrow
 CS Cecil Symmes ...and the overseas contingent: Masami Onizawa (MO) Japan
 TMS Tim McSweeney (Qld), DW Dick Whittington (Vict), BV Bill Vogel (Sth Aus)

RNZ

Although the return of New Zealand to shortwave is now history, the following reaction to the closure of the External Service is worth quoting. George Jackson, Head of Engineering Services for Radio Canada International, wrote:

"I am personally distressed to learn of the demise of the External Service of Radio New Zealand. As you well know, the value of external broadcasting is always severely questioned by those who do not take the time to consider the many intangible effects of the service. The need to understand your fellow man in other countries cannot be overestimated in that it is this understanding which brings about peaceful solutions to seemingly insurmountable problems. Having been faced with the same situation in years past, and having been saved by the outcries of a world of listeners to Canadian programming, I can indeed sympathise with the people of NZ. It is they who, in the future, will realise what they have lost."

One thing that the four-week closure has done - it has brought the existence of the External Service very much to the notice of the NZ public. Now that the domestic National Programme is relayed, the statement "This is the National Programme and Shortwave Service of Radio New Zealand" is now regularly heard by the domestic audience. On top of this, extensive press and TV cover means that, more than ever, NZers are aware of international SW radio.

ARTHUR CUSHEN'S SHORTWAVE REVIEW

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During the past month several frequency changes have been noted from Austria, Belgium, Brazil, and the Vatican, while low frequency reception from Latin America in the afternoons has been excellent.

Times are GMT

All frequencies Khz

ALGERIA Algiers French programme on 7245 has popular music at 0630 then spoken programme.

ANTARCTICA AFAN McMurdo is being heard on 7215 at 0800 but with a poor signal. Blocked after 0900 when Brunei fades in.

AUSTRIA Vienna has been noted on the new frequency of 11835 from 2200-0000 being at its best at 2300. Now to South America from 2100-2200 on 11800, and 2200-0000 on 11835.

BELGIUM Brussels is now on the new frequency of 9725 in English from 0015 to 0045, however the frequency suffers from interference from Radio Moscow until after 0030.

BELIZE Radio Belize on 3300 is heard with English news at 0500 followed by Devotions until closing at 0507 with God Save the Queen.

BOLIVIA Radio Panamericana, La Paz on 6035 has been heard with lady announcer opening at 1100. Programme format is light pop music with announcements after every second item.

BRAZIL PRC5 Radio Clube Para, Belem on 4855 has English pop music to sign off 0400. Radio Nacional Brasilia is now on 11795 with English 2100-2200. Portuguese 1900, German 2000. 11795 has some interference from DW to 2150.

EAST GERMANY RBI has been heard on 12000 in English from 0330 mixed with Moscow and VNG.

HONDURAS Radio Swan is being heard around 0630 but is mixed with Radio Super Medellin also on 6000.

INDIA VOA Monrovia is heard on 3990 at 0400 in English with news then the Breakfast Show. Power is given as 8kw. Transmission period on this frequency is 0230-0730 and 1530-2200.

NEW ZEALAND Radio New Zealand's shortwave service is now operating as follows:

To the Pacific:	1800-2000	ZL11	6105	
	1800-2215	ZL26	9655	
	2015-0050	ZL27	11960	
	2230-0450	ZL28	15130	
	0100-0450	ZL6	11705	
	0200-0700	ZL29	9585	
	0500-1030	ZL11	6105	
To Australia	0730-1030	ZL11	6105	both transmitters on same freq !

See page 1 for special transmissions 1030 to 1745 on 6080 !

PAPUA New GUINEA Rabaul has been heard on 5985 on Sundays with football commentary at 0715 with sign off 0710.

PHILIPPINES Veritas is broadcasting in English 0100-0200 on 11725 and 15280 and 1400-1500 on 9610 and 11725.

SARAWAK Kuching is good at 1130 on 6060 with Iban news. Frequent ID's.

VATICAN Vatican has been noted on 11835 in Spanish at 0000 with sign off 0025.

..sign off..

QATAR According to an unconfirmed report, a new radio station is to be built to supplement existing installations, to make Qatar's voice heard in as many parts of the world as possible. The new station is expected to be operational in 20 months. There are also plans to improve present HF transmitters for broadcasts to Europe & Americas.

BEC MS (c)

RADIO LESOTHO has just purchased 2 50kw transmitters, one of which is due on air anytime now. Watch for tests. Rimmer SADXC/NASWA Hotline.

JAPAN According to an official announcement, NHK's domestic SW service on 9655, 7285 & 7230kHz was closed down 1 April. Furukawa JSWC

VOICE OF NIGERIA Lagos has announced that it will be clearly heard in the Middle East, Europe, Caribbean, Australia, India, Nth America and throughout Africa by 1980, when the NBC's seven 500kw transmitters become operational. 3 are already ordered and should be commissioned later this year.

BEC MS (c)

DW/BEC CARIBBEAN RELAY Latest is the transmissions will begin in August from Antigua (2 x 250kw) and Montserrat (2 x 50kw) with broadcasts beamed to North, Central & South America. An unconfirmed report says that Deutsche Welle will use the base for winter-time services only! This presumably means little or no relay operations during the Summer months.

market square

SELL: Silver XF-900 transistor portable, only a few weeks old. Features include: 11 transistors, 1 IC and 10 diodes, FM, LW, MW, SW1-2-3, two-way speaker system (bass and tweeter), built-in AC/DC, AFC for FM, fine tuning, slide controls for volume, bass, treble, phono jack for use as amplifier or P.A. system, 5din socket for tape (cord included), ceramic filter for AM. Dimensions 15" wide, 9 $\frac{1}{2}$ " high, 5 $\frac{1}{2}$ " deep. Manual included. \$325 or near offer. Swaps considered. Write to Mike Smith, Box 259, Matamata.

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.

INTERNATIONAL COMMITTEE OF RED CROSS will conduct it's next test broadcast to Australia & NZ on Tuesday 27 July in English 0945-1015 GMT on 11775 & 9590.

K.Sonoyama JSWC

RADIO PRAGUE recently ran a competition in conjunction with it's 40th anniversary. The winners of that competition were Franz Kassel of West Germany, Rezki Aballah ben Mohammed of Algeria and Ricardo Millet of Cuba, each receiving an expenses paid trip to Czechoslovakia. Runners-up received prizes such as books and every entrant received a lapel badge. Truly a venture to increase friendship between listeners! Brent Allred

ENGLISH BROADCASTS from Baghdad are sked 1930-2030 GMT on 9745. Tirana has EE for 30 minutes at 0000, 0130, 0230 & 0330. The 0000 broadcast is on 7065 & 9750kHz. Other times are on 6200 and 7300kHz. Greece has EE 0215-0230 on 9760 and 1215-1230, 1515-1530 both on 9520kHz.

Paul Ormandy

market square

HELPING HAND: Ian Cattermole, 213A Scott Street, Blenheim has an RCA AR88 receiver which is not in going order. He intends utilizing one or two parts and offers the balance, including the valve, to AR88 owners who are seeking spare parts. The only charge is for return postage.