

N.Z. RADIO



LEAGUE

New Zealand DX Times

Monthly journal of the
New Zealand Radio DX League (est. 1948)

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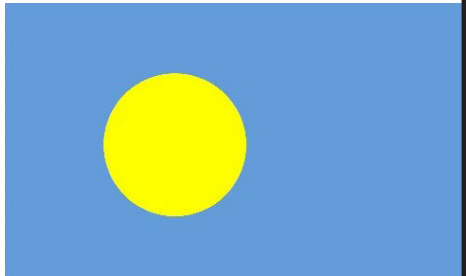
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N.Z. RADIO



LEAGUE

Palau



Contribution deadline for next issue is Wed 7th July 2004 PO Box 3011, Auckland

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FRONT COVER

Palau Micronesia Air B737-33A (ex Air Calin F-ODGX)

There is a new startup airline parked up at Airworks (AIA) see photo

Palau Micronesia Air (based in Palau, 700 nm from Guam) is a new startup airline.

Air NZ have been refurbishing the B737 at CH and now at Auckland, Airworks to provide crew and maintenance.

Full story <http://www.palau-air.com/>

Photo credit. Noel Jones (League member)

Shortwave Bandwatch Over 9

This month we farewell Andy McQueen as sub-editor of the Shortwave Bandwatch Over 9 pages.

On behalf of all the members I would like to thank Andy for doing an excellent job for many years.
Mark Nicholls Chief Editor

Stuart Forsyth will be assuming the role of the Shortwave Bandwatch Over 9 sub-editor from Andy McQueen and you can send your notes to Stuart at

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Please note that all frequencies should be in Kilohertz and, time in UTC (= GMT = UT), # indicates reception out of the Sth Pacific area, initials in **Bold** indicates report sent. For reasons of accuracy some positive ID from the station heard is desirable, otherwise the ID of the station heard should be shown as tentative. Similarly for languages - either IDed, Presumed or Unid. Also, would you please add the date of logging to your information.

kHz	UTC	Country, Station, Programme, & Reception Details
3235	1007	PNG, R West New Britain, fair in EE with church service, music, ID 1101 KVB 2/5
3245	0933	PNG, R Gulf good/fair in EE and Tok Pisin with possible official ceremony for "Mariki Village people", chanting, talk by OM, ethnic music, ID 1000 — KVB 3/5
3300#	0938	GUATEMALA, presumed TGNA v good with relig songs in Spanish, followed by preaching at 1005. Listened several nights but no ID. - # JB 5/5
3325	1010	PNG, R Bougainville v good with news in EE — IC 11/5
3385	0803	PNG, R East New Britain fair in EE and Tok Pisin upbeat ethnic music ads, drama, news, ID 0921 — KVB 3/5
3955	2110	UK, RKI via Skelton poor in EE — IC 24/5
4387.5	0823	PERU, R Imperio fair in vernac, repetitive Andean music, animated MA and ads, ID 0835 — KVB 17/5
4745.5	0927	PERU, R Huanta fair in Quechua with regular MA, talk, some local music, ref to Machupichu, ID 0953 — KVB 11/5
4835	0810	AUSTRALIA, ABC Alice Springs v good in EE // 4910 also good — IC 10/5
4845	0628	MAURITANIA, RTV Mauritanie fair/good in Arabic with IS, ID 0631 then Koran thru 0704, talk — KVB 18/5
4845	0954	BRAZIL, R Cultural, Manaus fair in Portuguese, 0958 ID with MA, Anthem, 1002 Bom Dia, ID, freq, ads — KVB 20/5
4895#	0240	BRAZIL, R Bare with nice Portuguese vocals with MA with talk and ID at 0255, poor/fair - # RAD 1/5
4910#	0825	AUSTRALIA, VL8T, Tennant Creek very weak with man talking in Aussie accent # RAD 16/5
4976#	0300	UGANDA, R Uganda with Xylophone IS followed by FA with opening ID and brief anthem. FA returned at 0304 with ID, opening announcements, and freqs followed by a prgm of local vocals with MA, fair. Also heard 15/5 - # RAD 8/5
4995.6#	0215	PERU, R Andina MA with Spanish talk and prgm of Peruvian vocals, ID at 0235 along with freq announcement, off just after 0300, poor/fair - # RAD 5/5
5010#	0305	MADAGASCAR, RTV Malagasy IS followed by choral anthem at 0308, ID at 0310 and s/on announcements, vocals followed by news, poor/fair - # RAD 7/5
5019.9#	1034	PERU, R Horizonte with prgm of Peruvian vocals hosted by MA with Spanish talk, IDs and mention of Chachapoyas, poor and fading rapidly - # RAD 13/5
5025	0820	CUBA, R Rebelde good in Spanish all over ABC Katherine — IC 10/5
5105	0850	USA, WBCQ fair in EE — IC 5/5
5815	0355	DENMARK, World Music Radio presumed the weak signal here with non-stop music format, fading in — BCM 22/5
5815	1900	DENMARK, World Music Radio, Karup, weak with back-to- back EE pops PWO 18/5

5815	2005	DENMARK, World Music Radio weak with continuous pops, jingle IDs in EE testing at this time — IC 19/5
5890	0508	VATICAN, R Vaticana fair in EE with YL talking about Roman Catholic Church, scratchy // 7250 clearer and stronger v- CC 16/5
5890	1230	RUSSIA, Bible Voice BC via Krasnodar? Fair in EE Sat/Sun only — IC 29/5
5950#	0309	TAIWAN, R Taipei Intl good in EE with weather forecast for Taiwan - # DW 16/5
5996.5	0728	PERU, R Melodia, poor/fair in vernac and Spanish with talk, brief outside broadcast, phone-in, ID 0742, 0802 lost under splatter from 5995 — KVB 22/5
6000	2158	SRI LANKA, D Welle good in Indonesian with IS, ID at 2200 YL with news KVB 3/5
6000#	0310	CUBA, R Havana v good in EE with comment on Iraq - # DW 16/5
6005	0707	ASCENSION IS, BBC WS fair in EE with prgm on education, ID 0713, s/off 0720 — KVB 4/5
6010.1#	0655	COLOMBIA, LV de tu Conciencia with Spanish preaching being translated into EE, closing announcement at 0714 all Spanish and then into HJ music, ID at 0726 for "Colombia Para Cristo" with Bogota address, good with QRM underneath - # JB 5/5
6015#	0300	ZANZIBAR, RTZ presumed, frequency has heavy QRM from Sweden on 6010 until 0300, then weak carrier and Arabic chanting - # JB
6030#	0340	CANADA, CFVP Calgary, oldies tunes with MA , ads, music much better than talk, very poor with deep fades, covered at 0400 by German language s/on - # RAD 3/5
6055	2119	UK, R Japan via Skelton good in EE with Asia Top Newes then Japanese pop tune, ID 2125 — KAB 11/5
6065	1757	SWEDEN, R Sweden fair/good in EE with sation announcements and ID 1759, scratchy — CC 21/5
6065	2130	SWEDEN, R Sweden good in EE after IS, ID with 60 Degrees North — KAB 11/5
6085	2110	OMAN, R Sultinate of Oman fair in Arabic, some QRM — IC 14/5
6120	0900	SINGAPORE, R Singapore Intl poor at s/on in Indonesian steadily gaining strength, news at 0930 after 2 IDs, suspect the EE service was under Dr Gene Scott on 6150 at the same time — PWO 2/6
6140	0310	TURKEY, V of Turkey good in EE — IC 22/5
6150	0830	COSTA RICA, University Network fair in EE — IC 10/5
6175#	0340	CIS, V of Vietnam fair in EE with news and "Sunday Show" about Ho Chi Minh at 0345 - # DW 16/5
6180	0910	BRAZIL, R Nacional strong fair audio in Portuguese with ezl music, phone-in, ads, ID 0937 — KVB 17/5
6185	0602	MEXICO, R Educacion Mexico DF with classical piano music v good // the MW outlet of 1060 which was fair - BCM 22/5
6190	0445	CANADA, CRI via Sackville fair in EE with comment on Chinese/US relations KAB 25/5
6190#	0017	GERMANY, Deutschlandfunk with prgm of classical music hosted by FA with brief comments between items, 3+1 time pips at 0100 followed by MA with ID and news then more classical music - # RAD 11/5
6220.2#	0010	PIRATE, (Euro) Unid stn with reasonable signal with all pop music format, no announcements, fair - # RAD 2/5
6350#	0834	HAWAII, AFN on USB with Sports Overnight America prgm, AP News at

0900 followed by Car Talk, Fair but no ID noted - # RAD 16/5

6925# 0025 PIRATE, (Nth Am), UNID stn with pop music and off with no announcements, fair/good in EE - # RAD 2/5

6925# 0206 PIRATE, (Nth Am), Takev It East Radio with MA giving maildrop address in Mellin, Ontario, ID followed by closing music, poor/fair - # RAD 16/5

6925# 0255 PIRATE, (Nth Am) Ironman Radio with vocals followed by MA with ID and CEE talk, more music, very poor signal - # RAD 13/5

7110 0300 BELARUS, heard opening on 7145, poor but in the clear. Mainly talk with musical bridges, // 7110, prgm change at 0340 to more upbeat, and at the start chimes that could have been an IS, then both freqs faded out. Needs more investigation. - # JB 27/5

7115 2204 SRI LANKA, D Welle poor in EE with news bulletin with FA, ID 2205 followed by Inside Europe // 9720 better — KAB 29/5

7155 1944 THAILAND, R Thailand good in EE talking about same sex marriage in USA, ID 1945 — KAB 23/5

7170 2100 TURKEY, V of Turkey fair in EE with political comment, ID and off at 2120 — KAB 18/5

7170 2100 TURKEY, V of Turkey v good in EE — IC 14/5

7180 1305 AUSTRALIA, Voice Intl v good in Indonesian — IC 5/5

7210 0505 STH AFRICA, Channel Africa poor in EE // 9770 — IC 5/5

7215 2030 TURKEY, V of Turkey good in Turkish — IC 13/5

7225 0442 RWANDA, D Welle poor in EE with news commentary on Iraq and ME KAB 25/5

7230 2203 BOSNIA, Radio Serbia-Montenegro poor in EE with Balkan news, some QRM but many mentions of Montenegro — KAB 28/5

7235 0445 ITALY, RAI IS, chimes then ID, EE prgm to Med Basin, RAI Intl news from Italy // 6110, 9875 — KAB 25/5

7235 0445 ITALY, RAI good in EE with bells then YL with ID at 0446 // 9875 weaker — CC 3/5

7235 2030 CANADA, RCI good in EE with good discussion on Iraq, ID 2030, 2059 KAB 10/5

7240 1600 AUSTRALIA, R Australia good in EE — IC 16/5

7260 2000 GERMANY, V of Russia via DTK strong in Russian but some QRM — IC 11/5

7270 0328 TURKEY, V of Turkey good in EE with talk about migratory birds, then about Republic being 80 years old — **RFK** 11/5

7275 0433 TUNISIA, RTV Tunisienne good in Arabic with female vocalist // 7190, 9720, 12005 the same — CC 3/5

7285 2130 ROMANIA, R Romania Intl fair in EE — IC 24/5

7285 2151 ROMANIA, R Romania fair in EE with comment on Romanian news, ID 2157 KAB 28/5

7305 0029 VATICAN, R Vaticana fair with IS and Spanish s/on, spoken prgm, ID 0030 KVB 4/5

7345 0108 CZECH REP, R Prague poor in EE with YL with spoken prgm, ID 0110 — KVB 4/5

7345# 0325 CZECH REP, R Prague v good in EE with "Czech Books", IS and s/off 0327 - # DW 16/5

7355 0730 USA, WYFR good in EE — IC 10/5

7410 1745 INDIA, AIR fair in EE with YL with opening announcements, a little distorted, //9445, 9350, 13605 the same — CC 21/5

7425 0745 USA, WEWN strong in Spanish — IC 10/5

7460 0225 MOLDOVA, Payam-E Doost v goods in Farsi at s/on, YL talking, 0313 web address, s/off music, ID 0232 — KVB 5/5

7500 2101 BULGARIA, R Bulgaria v good in EE with freq details then news followed by

"Events and Developments" — **RFK** 11/5
 7507 0843 USA, AFN Puerto Rico on USB good in EE with comment on NBA and Olympic Basketball, news, ID 0900 — **KVB** 15/5
 7545 0300 UKRAINE, R Ukraine Intl v good in EE with s/on, news, and talk, close at 0320 — **RFK** 5/5
 7545# 0335 UKRAINE, R Ukraine fair in EE with Ukranian rock music, female pop singer # DW 16/5

Logging of the month

is awarded to **Kelvin Brayshaw** for R Huanta, PERU, on 4745.5 at 0927utc.(300Watts)
 My thanks to all the contributors for the month, with a good variety of loggings this month..

73's,
 Ken Baird

CONTRIBUTORS FOR THIS MONTH

BCM Bryan Clark, Mangawhai, AOR 7030+, BOG antenna 120m NE
CC Cliff Couch, Paraparaumu, ATS 803A, 60m horizontal loop.
DW David Weronka, Benson NJ, USA, ATS 404, DX 375, 30ft wire.
IC Ian Catttermole, Blenheim, JRC NRD535, T2FD and Alpha Delta sloper
JB Jerry Berg, Lexington, MA, USA, R8, 130ft longwire, 19, 41, & 90m dipoles
KAB Ken Baird, Christchurch, R5000, Palstar R30, 18m Wire, SW Eavesdropper
KVB Kelvin Brayshaw, Levin, FRG7, ICF2001, 5MHz Delta Loop
PWO Paul Ormandy, Oamaru, AOR 7030+, Numerous dipoles
RAD Richard D'Angelo Wyomissing USA, Ten-Tec RX-340, R8B, Lowe HF 150, Alpha Delta sloper, RF Systems mini windom, Datong FL3, JPS ANC4
RFK Ron Killick, Christchurch, Sony 6800, 80m wire

Contributions to this column may be sent to PO Box 3011, Auckland or
 K A Baird, 10 Sarabande Avenue, Christchurch, 5.

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Hello from Brightwater where we are enjoying a beautiful Nelson winter with the sun shining on the glistening snow in the hills with cloudless skies and overnight frosts. Soon it will be midwinter and the chance to hear Europeans during the middle of the day. All times shown are UTC 12 hours behind NZ Standard Time.

KHZ	TIME	COUNTRY STATION & PGM DETAILS INITIAL
9435	2327	GERMANY V of Democratic Burma Fair in Burmese & Arakan S/on then News with some EE out takes Ethnic Mx and local pops Starts Arakan pgm at 0015 on Mondays S/off 0029 24/5 KVB
9495	0130	GERMANY Pan American BC via DTK. Good in EE. Sundays only. 9/5 IC
9495	0110	GERMANY Gospel For Asia (GFA) via DTK. Weak but clear in Hindi? 10/5 IC
9500	0138	BULGARIA R Bulgaria. Strong in BB. (BB= Bulgarian?- Ed) 17/5 IC
9560	0200	CANADA RKI via Sackville. Fair in EE. 5/5 IC
9560	2330	GERMANY Gospel for Asia via DTK. Weak but clear in Asian language. 7/5 IC
9580#	0000	BOSNIA International Radio of Serbia and Montenegro Good in EE News and Press Review 7/5 RAD
9590	0400	NETHERLANDS.ANTILLES R Nederland Opens in EE. Good. 17/5 IC
9630	0500	PORTUGAL D/Welle Sines Excellent in EE from s/on with news read by Percy Jones. Newslink for Africa about Malawi elections, Indian PM, situation in Sudan etc. 21/5 RFK
9635	1530	IRAN VOIRIB Good in EE Opening with Id after anthem. 28/5 CC
9665	0159	RUSSIA VORWS interval signal to sign on 0200 and news read by Michael Steadman. Sunday Panorama followed President Putin speaks at EU, Ambassador for Vietnam speaks, and Youth Art festival etc. V/Good in EE 24/5 RFK
9665	1930	BRAZIL R Nacional da Brazil Fair/Poor in PP with talk and Latin jazz to Africa Audible from sunrise l/sig of descending piano scales and stn Id's every 20 minutes 26/5 KVB
9680	2037	THAILAND R Thailand Good in EE with Internet purchase of Thai products to alleviate farmer poverty Id 2039 11/5 KVB
9755	0405	FRENCH GUIANA China Radio Int. via Montsinery. Good in EE and into news and reports. activities in Baghdad prison, Iraq Constitution changes, FAO and China's agricultural systems. Life in China 0430.21/5 RFK
9770	0500	SOUTH AFRICA Channel Africa. V/Good in EE. 4/5 IC
9770	0420	AUSTRIA AWR via Moosbrunn. Strong in AA. EE Id at 0430. 18/5 IC
9770	1300	SOUTH KOREA RKI. Good in EE. 19/5 IC
9790	0227	HUNGARY R Budapest V/Good in EE, l/sig to 0230 sign on, then news about new EU members, aid to Nth .Korea, exhibition on holocaust in Hungary. 5/05 RFK
9820	0523	CUBA R Habana Cuba Fair in EE with pgm criticising USA Some QRM // 9550, 11760 noisier 16/5 CC
9825	0027	GERMANY D/Welle Good in EE with News 29/5 AJ5

9885 0812 NEW ZEALAND RNZI V/Good in EE with Sounds Historical pgm covering Bellinghausen around NZ coast, Auckland tramways, song Call of the Bellbird, RNZ news at 0900. 23/5 **RFK**

9925 1741 RUSSIA RVI relay Good in EE with Piano Music Id at 1742 21/5 CC

9970 0820 BELGIUM Site? RFBF. Weak in FF. 19/5 IC

9975# 0155 ALBANIA TWR Cerrik Strong with repeated I/sig with Farsi? pgm at 0200 to 0230 then I/Sig once. Fqy varied slightly twice, then came back. No date JB

11640 1730 GERMANY RVI via Julich. Fair in EE with Flanders today. 18/5 IC

11665 0320 GT BRITAIN Sudan Radio Service via Wooferton. VG in AA. Also heard at 0320 on 15325 11/5 IC

0259# Good Opens with instrumental music and Id, frequency announcement Studios are in Nairobi 5/5RAD

11675 1100 NETHERLAND ANTILLES R Nederland Fair in EE. 11/5 IC

11675 0440 KUWAIT R Kuwait Good in AA with spoken pgm // 15495 15505 the same 3/5 CC

11690 1600 JORDAN R Jordan Fair in EE Time pips then World News At 1610 Id Background QRM 28/5 CC

11715# 2132 INDIA AIR - Panaji, Fair in EE with political talk followed by music nice Id and News at 2200. // 9950 fair 1/5RAD

11760 0540 CUBA R Habana Cuba Fair/good in EE with Mailbag pgm but heavy QRM13/5 AJS

0613 Good in EE with Nx and Economic Report Id at 0615 23/5 KVB

11765 0836 ALASKA KNLS Fair in EE Id then spoken pgm Distorted and bad QRM 3/5 CC

11800 0911 CHINA China Business Radio. Slogan ‘.. Your Radio” Good in CC with chatty format and easy listening music // 15500 poor and 9620 V/good Id at 0914 16/5 KVB

11850 2130 GUAM KSDA Good in EE. 5/5 IC

11870 2310 PHILIPPINES R Veritas Asia. Fair in Cantonese. 6/5 IC

11875 0725 USA WEWN Fair in SS with religious talk & Mx. Id @ 0800 11/5 KVB

11905 2130 UZBECKISTAN R Tashkent with Poor signal in EE, sign on then news re PM’s discussion with Development Bank, Women’s Congress and music and songs, good Id’s but rest more unreadable than readable unfortunately 10/5 **RFK**

11905 2215 GERMANY SRI Good in EE with pop Mx show 25/5 AJS

11945 0406 RWANDA D/Welle Good in EE with item on ICRC report on Iraqi prisoners Id @ 0443 11/5 KVB

11955 0205 OMAN BBCWS Fair in EE Bush says US will stay in Iraq Id @ 0212 23/5 KVB

12075 1555 UZBECKISTAN R Nederland Fair in EE with News of Holland S/off 1557 A little scratchy 28/5 CC

13640 0811 PORTUGAL RDP Fair in PP with music & interviews with Id 0830 23/5 KVB

13820 1900 GERMANY Radio Santec. Fair in EE. 16/5 IC

13855 0403 ICELAND AFN Poor in EE, by 0500 G, CBS Radio News on subjects of the day, 0415 AFN sport with tennis results, Eagles game 1 and re Lakers, then network news. Still there at 0630 but a little hairy. 26/5 RFK

13865# 2258 ICELAND Ríkisráðgjafaríkið, Fair in USB mode Opened with Icelandic talk followed by brief instrumental music. At 2300 Time signal and Id followed by news. Off with brief instrumental music segment. 12/5 RAD

15060 0037 TAIWAN Family Radio Fair in EE and Hindi? Talk ethnic Mx and hymns I/sig 0059 16/5 KVB

15075# 0313 INDIA AIR - Bangalore Poor/fair with Id and opening announcements in Hindi. Indian vocals, then news followed by a commentary and features. // 13695 very weak. 11/5 RAD

15120 0318 PHILIPPINES Voice of the Philippines Fair with Pop Mx in EE Id 'Voice of the Philippines' at S/off 0329 30/5 AMQ

15120 0650 NIGERIA V of Nigeria Poor but improving from 0730 EE talk with plenty of Nigeria references ethnic Mx and item on Aids 6/5 KVB

1720# Good in EE with pgm '60 Minutes' pgm Also heard at 0720 in EE 4/5 JB

15160 0626 AUSTRALIA R Australia Good in EE with NRL Rugby League commentary Storm V Eels I/sig 0700 16/5 KVB

15205 0745 GUAM KTWR V/Good in EE. 17/5 IC

15205 2345 USA? VOA Fair in Special English 28/5 AJS

15210 0839 STH KOREA RKI Fair/good in FF Talk and variety of Mx Id 0840 10/5 KVB

15230 2231 GUAM KSDA Agat, AWR V/good in EE with Wavescan pgm covering Big Brother Radio, Asia DX report, African report and plenty of Id's. 23/5 **RFK**

15320 0427 MADAGASCAR V of Hope Good in possible Somali with local Mx talk and drama //12060 Good EE Id @ 0427 15/5 KVB

15410 0500 MADAGASCAR Deutsche Welle via Talata V, V/Good in EE sign on and news, read by Dick Simon, 0506 Newslink for Africa on death sentences on Bulgarian Dr, Sudan and human rights report, Nigeria at it again, 0530 programme KOOL. 7/05 **RFK**

15460 0500 RUSSIA Bible Voice BC. via Krasnodar. Good in AA after EE Id at opening. 4/5 IC

15495# 1705 GT BRITAIN Leading the Way Broadcasting via Rampisham Strong in Farsi with talk pgm at 1730 UN Radio pgm in EE at 1730 Sked for LTW Tue/Fri/Sat/Sun. 7/5 JB (Berg-MA)

15565# 1830 GERMANY Voice of Ethiopian Unity (a/k/a Voice of the Democratic Path of Ethiopian Unity), via Julich, Good signal, opening with distinctive melody and Id Mostly talk URL "<http://www.finote.org>" 26/5 JB

15605 0702 GABON RFI Fair/Poor in FF Only turned transmitter on 2 minutes late Usual stings. Sked shows EE at this time (Maybe they can't read Anglais in Gabon?-Ed) 23/5 KVB

15748 0305 SRI LANKA SLBC Fair in EE with oldie Pops Slightly off nominal frequency 15745 but not bad for a reputed 30kw transmitter 30/5 AMQ

17510 1530 GERMANY Bible Voice BC via DTK. Weak but clear in EE. 20/5 IC

17540 0037 GUAM KTWR Good in CC? With children's pgm and contemporary religious Id Mx 0059 8/5 KVB

17640 0100 NTH MARIANAS R Free Asia on Tinian. Sign on with EE Id, then into Uyghur pgm V/Good No obvious sign of jammer, 24/5 **RFK**

17770 0627 RWANDA RFI Poor in FF Clear frequency but weak signal Usual RFI stings 23/5 KVB

17775# 1445 USA KVOH Good in SS with religious Mx Id at 1500: "This is KVOH, La Voz de Restauracion Broadcasting. Esta es KVOH, La Voz de Restauracion Broadcasting, desde Los Angeles, California, transmitiendo en la frecuencia

17775, banda de los 16 metros." faded some after 1500. 17/5 JB
21530 0539 GREECE FTH Fair in Greek with Male choir Music A little scratchy //
9410,15630 &17520 weaker 23/5 CC

Thanks very much to all contributors for this month. Stations reported are indicated by the contributors initials underlined in Bold eg:

AMQ The use of the # symbol is to indicate station reported outside of New Zealand. Please note that I have changed the location of this symbol to beside the frequency.

This months winning logging is

13885 kHz AFRTS Iceland submitted by Ron Killick

SHORTWAVE EXCHANGE

AJS Andrew Sunde Ohai Southland Sony ICF2001 3.5mhz dipole & 40m wire/ **AMQ** Andy McQueen Brightwater Sony 6800 and 1 m telescopic whip /**CC** Cliff Couch Paraparaumu Sangean ATS 803A with 60m horizontal loop/ **IC** Ian Catermole Blenheim JRC NRD 535 T2FD and Alpha Delta antenna /**JB** Jerry Berg Lexington MA USA Drake R8 19m & 90m dipoles/ **KVB** Kelvin Brayshaw Levin FRG-7 & Sony ICF 2001 60m & 40m horizontal loops/ **RAD** Richard D'Angelo Wyomissing, PA USA & on DXpedition Drake R-8B Lowe HF-150 Alpha Delta DX Sloper RF Systems Mini-Windom Datong FL3 JPS ANC-4 /**RFK** Ron Killick Christchurch Sony 6800 & 40m long wire

This my last edition of Bandwatch as I now have additional work responsibilities for the next few months and think that now is a good time to hand over the baton. I have enjoyed all your contributions and thank you all for your support.

I will still be looking after the Continents Section and the next edition will be at the end of October.73's

Andy McQueen

Stuart Forsyth will be assuming the role of Shortwave Bandwatch Over 9 sub-editor from Andy McQueen starting with the July DXT and you can send your notes to Stuart at

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FORECAST SHORTWAVE RECEPTION CONDITIONS FOR JULY 2004

WITH MIKE BUTLER

The Shortwave Bands below have given good reception in NZ within the recent Solar Flux Index range of 85-115. An * = good reception only above Index of 94.

Please note that '6-9-13*'='6-9,11*-13*'. Choose the Area, then the Time (UTC).

Times—Shortwave Bands:

UTC	MHZ	UTC	MHZ	UTC	MHZ	UTC	MHZ	UTC	MHZ
Europe		Africa		Russia		Australia		Cent America	
19	6-9-13*	19	6-9-13*	19	9,11*	19	4-11	19	17*
20	6-13,15*	20	6-11,13*	20	9*11*	20	4-11	20	-
21	6-15	21	15	21	9-11-13*	21	5-11-15*	21	-
22	11,13*	22	-	22	11	22	7-17,21*	22	-
23	9,11*	23	-	23	-	23	7-17,21*	23	-
00	11,13*	00	-	00	11*	00	13-17,21*	00	-
01	9-15	01	-	01	11	01	13-17,21*	01	-
02	6-11,13*	02	9	02	11	02	13-17,21*	02	-
03	6-11,13*	03	9-11,13*	03	9-11	03	13-17,21*	03	13*
04	6-11,13*	04	7-9,11*	04	7*9*	04	7-17,21*	04	6-11
05	6-11,13*	05	6-9	05	-	05	6-17	05	6,9
06	7,9*	06	7-9,11*	06	15*	06	5-17	06	6-9
07	9*	07	-	07	-	07	5-15	07	6-9
08	-	08	-	08	9,15	08	5-13*	08	6-9
09	15*	09	-	09	9-13	09	5-11	09	6-9
10	-	10	-	10	9-15	10	4-9	10	6,7*

Middle East	Asia	North Pacific	Nth America	Sth America					
19	6	19	7-9	19	9-13	19	6,11-15*	19	17*
20	6-9,11*	20	6-9,11*	20	9-13,15x	20	6,11-15*	20	-
21	7-9,11*	21	6-15	21	11,13,15x	21	9-15,17*	21	-
22	9,11*	22	9	22	13,15x17	22	15-17	22	-
23	-	23	11-15	23	15x17	23	13-15*	23	-
00	-	00	11,13*	00	17	00	13,15*	00	11
01	11*	01	11,13*	01	17	01	13,15	01	9-11
02	13*	02	11-17	02	17	02	9-15	02	-
03	9-15	03	17*	03	17,21*	03	7-9,15	03	-
04	9-11-15*	04	9	04	15-17,21*	04	6-9-15*	04	9-11
05	13*15*	05	15*	05	15-17,21*	05	6-11,13*	05	-
06	-	06	15*	06	9-17	06	5-9,11*	06	-
07	-	07	-	07	11	07	5-9,11*	07	6-9
08	-	08	9-15	08	9-11	08	5-7,9*	08	6-9
09	-	09	6-11,13*	09	9-11	09	5-9	09	6-9
10	-	10	6-15	10	9-11	10	5-7,9*	10	6-7*

x=not Hawaii

NOTE THE GAPS! CAN YOU FIND S7+ SIGNALS TO FILL?

english in time order

Compiled by Yuri (George) Muzyka, Auckland



Time Order summary of Ken's Under 9MHz & Andy's Over 9MHz BandWatch columns. Please remember to include the date and signal strength with all your loggings and send them to the Under/Over 9MHz Bandwatch column editors, thanks.

The Solar Flux is aired daily over WWV/WWVH on 2.5, 5, 10, 15 and 20 MHz Shortwave at 18 & 45 minutes past every hour.

Overseas contributors now have "##"s around their name initials (eg #ABC#).

*****SIGNAL STRENGTHS*** e = Excellent; g = Good; f = Fair; p = Poor.**

73 - Yuri, ZL1GYM <http://www.linradio.com/sources.htm>

Time (UTC)	Frequencies (kHz)	Station Name	Station Country	Log Date	DXer Name
0000	9580g	Int Radio of Serbia and Montenegro	BOSNIA?	7/5	#RAD#
0027	9825g	D/Welle	GERMANY	29/5	AJS
0037-0059	15060f	Family Radio	USA	16/5	KVB
0108-0110	7345p	R Prague	CZECH REP	4/5	KVB
0130	9495g	Pan American BC	?	9/5	IC
0200	9560f	RKI	STH KOREA	5/5	IC
0200	9665g	VORWS	RUSSIA	24/5	RFK
0205-0212	11955f	BBCWS	UK	23/5	KVB
0227-0230	9790g	R Budapest	HUNGARY	5/05	RFK
0300-0320	7545g	R Ukraine Int	UKRAINE	5/5	RFK
0305	15748f	SLBC	SRI LANKA	30/5	AMQ
0309	5950g	R Taipei Int	TAIWAN	16/5	#DW#
0310	6000g	R Havana	CUBA	16/5	#DW#
0310	6140g	V of Turkey	TURKEY	22/5	IC
0325-0327	7345g	R Prague	CZECH REP	16/5	#DW#
0328	7270g	V of Turkey	TURKEY	11/5	RFK
0335	7545f	R Ukraine	UKRAINE	16/5	#DW#
0340-0345	6175f	V of Vietnam	VIETNAM	16/5	#DW#
0400	9590g	R Nederland	NETHERLANDS	17/5	IC
0403-0630	13855p	AFN	USA	26/5	RFK
0405-0430	9755g	China Radio Int	CHINA	21/5	RFK
0406-0443	11945g	D/Welle	GERMANY	11/5	KVB
0442	7225p	D/Welle	GERMANY	25/5	KAB
0445	6110:7235:9875	RAI Int	ITALY	25/5	KAB
0445	6190f	CRI	CHINA	25/5	KAB
0445-0446	7235g:9875f	RAI	ITALY	3/5	CC
0500	9630e	D/Welle	GERMANY	21/5	RFK
0500	9770g	Channel Africa	STH AFRICA	4/5	IC
0500-0530	15410g	D/Welle	GERMANY	7/05	RFK
0505	7210p:9770	Channel Africa	STH AFRICA	5/5	IC
0508	5890f:7250g	R Vaticana	VATICAN	16/5	CC

0523	9550:9820f:11760	R Habana	CUBA	16/5	CC
0540	11760g	R Habana	CUBA	13/5	AJS
0613-0615	11760g	R Habana	CUBA	23/5	KVB
0626-0700	15160g	R Australia	AUSTRALIA	16/5	KVB
0650-0730	15120p	V of Nigeria	NIGERIA	6/5	KVB
0707-0720	6005f	BBC WS	UK	4/5	KVB
0730	7355g	WYFR	USA	10/5	IC
0745	15205g	KTWR	GUAM	17/5	IC
0803-0921	3385f	R East New Britain	PNG	3/5	KVB
0810 4	835g:4910g	ABC	AUSTRALIA	10/5	IC
0812-0900	9885g	RNZI	NEW ZEALAND	23/5	RFK
0825	4910p	VL8T	AUSTRALIA	16/5	#RAD#
0830	6150f	University Network	COSTA RICA	10/5	IC
0834-0900	6350(USB)f	AFN	USA	16/5	#RAD#
0836	11765f	KNLS	ALASKA	3/5	CC
0843-0900	7507(USB)g	AFN	USA	15/5	KVB
0850	5105f	WBCQ	USA	5/5	IC
0933-1000	3245g	R Gulf	PNG	3/5	KVB
1007-1101	3235f	R West New Britain	PNG	2/5	KVB
1010	3325g	R Bougainville	PNG	11/5	IC
1100	11675f	R Nederland	NETHERLANDS	11/5	IC
1230	5890f	Bible Voice BC	AUSTRALIA	29/5	IC
1300	9770g	RKI	STH KOREA	19/5	IC
1530	9635g	VOIRIB	IRAN	28/5	CC
1530	17510p	Bible Voice BC	AUSTRALIA	20/5	IC
1555-1557	12075f	R Nederland	NETHERLANDS	28/5	CC
1600	7240g	R Australia	AUSTRALIA	16/5	IC
1600-1610	11690f	R Jordan	JORDAN	28/5	CC
1720	15120g	V of Nigeria	NIGERIA	4/5	#JB#
1730	11640f	RVI	BELGUIM	18/5	IC
1730	15495e	Leading the Way Broadcasting	GT BRITAIN?	7/5	#JB#
1741-1742	9925g	RVI	BELGUIM	21/5	CC
1745	7410f:9350f:9445f:13605f	AIR	INDIA	21/5	CC
1757-1759	6065g	R Sweden	SWEDEN	21/5	CC
1900	13820f	Radio Santec	GERMANY	16/5	IC
1944-1945	7155g	R Thailand	THAILAND	23/5	KAB
2030-2059	7235g	RCI	CANADA	10/5	KAB
2037-2039	9680g	R Thailand	THAILAND	11/5	KVB
2100	7170g	V of Turkey	TURKEY	14/5	IC
2100-2120	7170f	V of Turkey	TURKEY	18/5	KAB
2101	7500g	R Bulgaria	BULGARIA	11/5	RFK
2110	3955p	RKI	STH KOREA	24/5	IC
2119-2125	6055g	R Japan	JAPAN	11/5	KAB
2130	6065g	R Sweden	SWEDEN	11/5	KAB
2130	7285f	R Romania Int	ROMANIA	24/5	IC
2130	11850g	KSDA	GUAM	5/5	IC

2130	11905p	R Tashkent	UZBEKISTAN	10/5	RFK
2132-2200	9950f:11715f	AIR	INDIA	1/5	#RAD#
2151-2157	7285f	R Romania	ROMANIA	28/5	KAB
2203	7230p	Radio Serbia-Montenegro	BOSNIA?	28/5	KAB
2204-2205	7115p:9720f	D/Welle	GERMANY	29/5	KAB
2215	11905g	SRI	SWITZERLAND	25/5	AJS
2231	15230g	KSDA	GUAM	23/5	RFK
2345	15205f	VOA	USA	28/5	AJS

shortwave.mailbag@radiodx.com

Compiled by Laurie Boyer , Invercargill

By the time you receive this Issue the year will be half way over. I know I have only done a little of the DX I intended to do, So I'll have to get the after burner on for the rest of the year.

First up is **Ian Cattermole Blenheim** with Voice of Russia Juelich 5985, 9825, 7200,RVI via Skelton 9840,WHRI 9850, Bible voice Juelich 9425, Radio Free Asia 11975, AIR Bangalore 13710, 9445, Delhi 7410, 9950, AWR Abu Dhabi 15205, Voice of Greece 17565, KSDA 11850, AIR Aligarth 15185, 15075, Radio Romania, 9725, 11820, 15140, KFBS 12090, RDP 15480, Voice International 6115, 17830, 15150, Gospel for Asia 9560, 9495, Pan American Broadcasting 9495, AWR Moosbrunn 9770.

Now for **John Durham Tauranga** Who has Radio Nacional RASD 7460 [Presumed Algeria.

Jerry Berg Lexington MA USA Who has Sudan Radio via England 15530, Radio Rhino via Jeulich, Christian Science Germany 9655, Voice of hope Palau, Serbia and Montenegro 7130.

Ron Killick Christchurch Voice of Russia Irkutsk 5910, Novosibirsk 5945, WBCQ 5105, Radio Santa Rosa 6045, Voz Cristiana 11890, AWR Moosbrunn 15130, Voice of Turkey 6140, Radio Taiwan Issoudun 3965, RFI Meyerton, Deutsche Welle Taiata Vol 15410, Nauen 9720, CRI Sackville 6190.

Ray Crawford Forestdale Queensland Australia Has been flatout writing reports from the Taiwai Trip has one in from Cuba 6000.

Andrew Sunde Ohai With Radio Australia 9475

Best of Month under 9MHz
Best of Month over 9MHz

Radio Santa Rosa 6045 Peru Ron Killick Christchurch
RFI Meyerton 15170 South Africa Ron Killick Christchurch

CHINA:

Radio Guangdong QSL Info.

Radio Guangdong, part of WRN's English language channels since April 2003, is now issuing QSL cards for correct reception reports. If you listen to one of their "Guangdong Today" shows, then please inform the radio team in Guangzhou when you heard them and what you think about the programme. The QSL will be sent out as a souvenir to everybody who writes in. Address your report and comments to radioguangdong@yahoo.com.cn or send a report/ letter to: Radio Guangdong, "Guangdong Today", 686 Renminbei Road, Guangzhou 510012, China.

Transmission Times of "Guangdong Today":

On WRN English to North America

Sat 4.30 am ET / 1.30 am PT. Sat 12 pm ET / 9 am PT

On WRN English to Africa/Asia/Pacific/South America/ WRN on WorldSpace

Sat 0015 UTC. Sat 1600 UTC. Sat 1945 UTC. Sun 0800 UTC

On WRN English to Europe

Sat 1600 UTC. Sat 1945 UTC. Sun 0845 UTC

On demand on the following website:

<http://www.wrn.org/listeners/stations/station.php?StationID=93>

(Source: Radio Guangdong, via WRN)

CUBA:

CUBA/VENEZUELA – Actual RHC, Radio Nacional de Venezuela, R Rebelde and CRI relay frequencies via La Habana Bauta site: 5025 6000 6040 9550 9570 9580 9600 9655 9820 11760 11875 11895 11970 13650 13680 13740 13750 15230 17705 17720 17750.

(DXLD) *Unfortunately no times available as yet for the various transmissions. ED.*

ECUADOR.

HCJB frequency and time changes. Effective June 1st.

2230-2400utc. German. NF 12040khz. Ex 1980khz to avoid BBC in Chinese.

2300-0100utc. Spanish. NF 12000khz. Ex 11880khz to avoid CRI in Spanish.

2300-0230utc. Portuguese. 12020khz. Time change ex 2300-0230utc. //11920khz.

(OBSERVER- BUL)

EQUATORIAL GUINEA.

Radio Malabo, Equatorial Guinea, heard on 6250.35 kHz on 1 May 2004 from tune-in 2145 UT. Hi-life music until news headlines in Spanish at 2201, then mostly uninterrupted English and Spanish pop music through to closing announcement at 2257. ID as "Radio Malabo" and mention of "Guinea Ecuatorial". Sign-off at 2300 with National Anthem. Best on USB and fair reception when clear of bursts of utility QRM (Tony Rogers, Birmingham - UK, via DXLD)

ICELAND.

Re 4-079: The undated SW frequencies on the RØV website - which actually apply to the B03 season - have not been updated for the summer period yet and it appears that parts of the DX press have distributed them as A04 frequencies. The correct relay schedule of RØV newscasts (in Icelandic) in the A04 season is as follows: To Europe: 1215-1300 15775. 1755-1825 13865. To North America: 1410-1440 15775. 1835-1905 15775. 2300-2335 13865. The transmissions are in AM-compatible J3E mode (USB -6db carrier reduction). (DXLD)

IRAQ. (NON) CLANDESTINE

On 30 May Voice of Iraqi Kurdistan was noted on 6320 in Arabic at 1620. On 24 May they were on 6285. (Jari Savolainen via CUMBRE)

MADAGASCAR.

Great News from Madagascar!

Kevin Chambers, Director of Engineering and KNLS Station Manager returned on April 11th from a trip to Madagascar. His purpose was to locate the land on which World Christian Broadcasting can build a new shortwave radio station. He was successful! Traveling with Chambers was Earl Young, World Christian Broadcasting's friend and consultant. Young is President of the United States- Madagascar Business Council and is directly responsible for World Christian's involvement in Madagascar and with the excellent rapport with Marc Ravalamanana, the President of that country. The final papers are being processed as we go to press, but it appears at this time, the land will be given to World Christian Broadcasting at no charge. "If indeed we do receive this land as a gift, it will be the direct result of the outstanding relationship Earl Young has with the Malagasy government and President Ravalanmanana and his great work on behalf of World Christian Broadcasting. I can't thank him enough," said Charles Caudill, President of World Christian Broadcasting. "And what a wonderful job Kevin did. He accomplished more than we could ever have expected and in a very short time. Kevin is a great asset to this ministry," he added. World Christian had estimated a need for approximately 100 acres. The site contains 42 hectares, which is slightly more than the desired 100 acres. Plans are to begin the fundraising for the Madagascar Project once the additional facility in Alaska is completed (Latest News via DXLD)

MADAGASCAR.

RTV Malagasy, Antananarivo is frequently heard on 5010 kHz playing pretty exotic music from my point of view and closing down at 1900 UTC with the national anthem. It's funny, their interval signal is played many times after the national anthem. Take a look at David Kernicks web site: <http://www.intervalsignalsonline.com> (Jouko Huuskonen, via DXLD)

MALI.

RTV Malienne, Bamako noted both on regular 4835 kHz and more seldom heard 4782.4 kHz. Never heard Mali on reported 11960-, or 9635 kHz. Only very few occasions on 5995 kHz. (Jouko Huuskonen, via DXLD)

MALAYSIA:

RTM Radio Malaysia Sarawak continues to change its SW schedule every few weeks. 4895 was reactivated in late March or early April, and not long afterwards 7130 extended its hours to all-day operation, with all three frequencies in \\ carrying programming from Kuching in Iban and Bidayuh except that 7130 broke away for schools programming on weekdays at 0100-0300.

However, on 4 May 7130 was carrying Radio Malaysia Sarawak Rangkaian Nasional in Malay from first check at around 0700 until past 1100. When 4895 faded in around 1000, it was in \\ with 7130 in Malay. The Malay network has not been on SW for many years, and should be quite easy to ID as it often relays news in Malay from Kuala Lumpur on the hour, as 5965v kHz via Kajang. The Kuching Iban/Bidayuh network was still on 7270 kHz as usual (Alan Davies, via DXLD)

MONGOLIA.

English from Voice of Mongolia is now at 1000-1030 on 12085 for South Asia and at 1500-1530 and 2000-2030 on 12015 both intended for Europe (DXLD)

SLOVAKIA:

Journalists fight to save Radio Slovakia International

The Slovak Syndicate of Journalists (SSN) is concerned about the fate of Radio Slovakia International (RSI), which may be definitively switched off due to a lack of finances. The journalists have requested that the government allocate funds to preserve RSI. Slovak Radio director general Jaroslav Rezník has said that he will close down RSI on 1 July if he does not receive Sk75 million (Ä1.9 million) to continue the broadcasts. The SSN views RSI as an important tool for promoting Slovakia abroad. They say it is illogical that, on one hand, the cabinet wants to set up a special institution to promote Slovakia abroad and on the other hand, it wants to cancel a promotional tool that has been working efficiently for a decade. The parliamentary media committee disagrees with the possible termination of RSI's shortwave broadcasts. Slovak Radio is proposing that funding for RSI could be provided from the Foreign Affairs Ministry budgetary chapter, based on its claim that it is in the nation's interest to maintain the broadcasts. (RN News Media)

SUDAN—U.K.

Sudan Radio Service can now be heard on the following frequencies from transmitters at Woofferton in the UK.

11665. 0300-0500. 15325. 0500-0600. 17660. 1500-1800.

Programmes do carry some English language portions. Reports to: igroce@edc.org

SWEDEN:

Frequency change for Radio Sweden International in Swedish from May 26:
2100-2130 NF 9930 via HB 500 kW / 070 deg, ex 9925 // 6065 (Observer Bul)
Both these are heard well here. (ED)

UGANDA.

Radio Uganda, 4976 and 5027, both heard with strong signals 01/05 + 03/05 1800-2100*, mixed programming, 4976 very clear, 5027 with a het. (Thorsten Hallmann, Germany, via DXLD) *Should be worth a try here at this time. ED*

ZIMBABWE:

SW Radio Africa changes frequency.

SW Radio Africa, which broadcasts to Zimbabwe from studios in the United Kingdom, is making its seasonal frequency change today. Broadcasts are now daily at 1600-1900 UTC on 4880 kHz instead of 6145 kHz. (RN News Media)

LATIN CORNER:

ARGENTINA:

6214.21, R. Baluarte (presumed), Puerto Iguazú, 0848- 1045, May 16, with weak signal. It was adversely affected by interference from a very large number of utility stations. The station broadcast evangelic program in Portuguese for people living in the border town of Brazil, Foz do Iguaçu. Unfortunately its station ID could not be heard due to poor reception condition (Takayuki Inoue Nozaki, Relmpago DX, Japan, via DXLD)

This one well worth chasing here in this time frame I would think. (ED)

GUATEMALA:

Radio Verdad, Guatemala, back on 4052 kHz

Radio Verdad has been reactivated. I caught them last night (29/May/2004 UTC) @ 0320-0420 UTC on 4052 kHz (my receiver does not allow more precise frequency measurements). The announcer said that they had transmitter problems that were now fixed (thanks to God and the help of many Christians), so they were requesting reception reports to Apdo. Postal 5, Chiquimula, Guatemala, and promised a calendar, pennant and QSL card for correct reports.

They mostly were transmitting hymns sung by a woman (almost sounded like an opera :-), but sometimes there were announcers both male and female, with full IDs as "Transmite la estación educativa evangélica Radio Verdad, desde el Monte de Horeb y el Monte de Gloria, en Chiquimula, Guatemala, por 4.05 MHz banda SW1".

They also had a full ID in Japanese, complete with address. Nothing was heard in English during this listening period.

Signal quality was generally good, although sometimes the audio level was low, intermittently. (Elmar Escoto via HCDX)

FEATURED FREQUENCY

this month is 9785khz. How many of these are you able to hear and identify???

Time.	Station .	Country.	Days.	Language.	Power.	Site
0100-0200	Oy Yleisradio	Finland	1234567	FIN & SWE	500	Pori
0959-1057	Radio Nederland Wereldomroep	Netherlands	1234567	English	250	Bonaire
1130-1430	China Radio International	China	1234567	Unknown	150	Kunming
1500-1600	China Radio International	China	1234567	Unknown	600	Jinhua
1700-1800	VOA - Voice of America	Thailand	1234567	Unknown	250	Udorn
1830-1930	Turkish Radio-TV Corp	Turkey	1234567	English	500	Emirler
2000-2130	Voice of Russia	Russia	1234567	Unknown	250	Moskva
2300-0200	Voice of Russia	Russia	1234567	Unknown	250	Armavir

GERMANY

6030 / 7265 SWR South West Radio. In the 80th year of broadcasting in Stuttgart-Germany the public broadcaster SWR Stuttgart / Baden-Baden will cease both SW units FOR EVER, 6030 Muehlacker[former SDR] / 7265 Rohrdorf [former SWF].

Final date June 30, 2004.

(wb, BC-DX May 20) via John Wright - NZRDXL Greyline Mailing List



dxissimo

Compiled by John Durham, Tauranga



Quite a interesting bag this month with some reactivations and a new broadcaster from Bolivia.

= new broadcaster. * = reactivation. I have received a couple of interesting African email QSLs over the last couple of months. Radio Nacional RASD 7460kHz via the director of R.Nac. RASD Hamdi Mayara at rasradio@yahoo.es also listing there web site at www.arso.org. Radio Shabele 6961 kHz in Somalia via info@shabele.com They state that their signal has been heard in Finland and would like to interview me about how I can hear them here in NZ !. Sent them my phone number but have not heard from them since.

BOLIVIA

- 4404.98 Radio Mallku, Uyuni. 0945-0955. Talking between high Andes flutes. 12 May. (Wilkner FL. Via HCDX)
- 4763.12 Radio Cichla 1020 —1030 noted with fair signal, musica andina and mentions of Bolivia and La Paz. 13 May. Not there 14 May same time period. (Wilkner- Florida via HCDX)
- 5500 # Radio Virgen de Remedios?. 2218. SS programa, noticias catolica. S/off 2228. ID "Radio Virgen de Remedios, frecuencia modulada... onda corta, la voz catolica en su casa.." May 29 Rogildo F. Aragao. Quillacollo, Bolivia. Via HCDX)
- 6025 * Radio Ilimani, La Paz. Reactivated and noted at 2215. (Rogildo Fontenelle Aragao. Quillacollo Bolivia. via HCDX)
- 6053.44 Radio Juan XXIII, San Ignacio de Velazco. 1031-, May 24. SS. Educative programe. QRM from Radio Nikkei, Japan on 6055kHz. (Arnaldo Slaen, Argt. Via HCDX)
- 6105.51 Radio Pan Americana, La Paz. 1030-1045, ID as Radio Panamericans. Mx. narrow filter. 12 May. (Wilkner FL. Via HCDX)

COSTA RICA

- 5054.6 Faro del Caribe, May 31. 0245 SS Relig. (Michael Schnitzer, Ger. Via HCDX)

DOMINICAN REPUBLIC

- 4960 Radio Cima (presumed) May 31, 0305, endless bachata music without any anncts. (Michael Schnitzer Ger. via HCDX)

GUATAMALA.

- 4052 * Radio Verdad, reactivated. 0320-0420. During the broadcast the announcer said in SS that there transmitter problems had been solved, and therefore they were back on air, and requesting reports. Lots of hymns, some talks in SS and a full ID in Japanese. (Elmer Escoto, HND. via HCDX)
- 5954.98 * Unid. religious station My guess is Radio Cultural but not sure. Is it a reactivation of Cultural on this freq or another station?. 0120-0200 the programe was "Impacto" with

talk and religious mx.04 May.(Bjorn Malm,Quito Ec.via HCDX)

GUYANA,

3291.11, Radio Guyana. 0515-. May 19.Recent reports appear to be incorrect regarding Guyana off the air.Heard fair signal using USB(LSB spoiled by ute)with weak audio levels including a child.Cant be sure of content,but split freq.pretty classic for Guyana.(Salmaniw,Victoria BC. Via HCDX)

PERU.

- 3329.57 Ondas del Huallaga,Huanuco 1010-1030 numerous lds and flauta andina.11-14 May.(Wilkner-Florida via HCDX)
- 4835.47 Radio Maranon 1000-1026 Canned ID and comments from a man in between Huaynos type mx.(Chuck Bolland, Clewiston Florida.May 4 via HCDX)
- 4950 Radio Madre de Dios (p), Puerto Maldonado.1040-1045 May 29,SS.(Arnaldo Slaen,Argt.via HCDX)
- 5005.62 Radio LTC,Juliaca, 1037-, May 25.Huaynos and Andean Mx non stop,(Arnaldo Slaen,Argt.via HCDX))
- 64.64 Radio Altura 1025-1037.Initially noted Huaynos type mx until 1030.ID as Radio Altura back to mx by 1035.Signal was poor with additional splatter noted here.(Chuck Bolland,Clewiston Florida via HCDX)
- 5019.96 Radio Horizonte,Chachapoyas, 1008-.May 25. Huaynos.QRM from Honiara on5020kHz.(Arnaldo Slaen,Argt. Via HCDX)
- 5699.76 * Radio Frecuencia. San Ignacio.Reactivated,has been of air for 2 years waiting for a licence.The DJ(=owner?) says they will transmit on a regular basis on SW and MW. Heard at 2126 with 1 hour non stop mx Peruvian mx,the DJ talked just 2 times.(Bjorn Malm.Quito Ec. via HCDX)
- 5996 Radio Melodia 0956-1025 Noted with news in SS with many mentions of Peru.10 May (Chuck Bolland Clewiston Florida via HCDX)

!!!!!!!!!!!! NEWSFLASH !!!!!!!!!!!!!

PAPUA NEW GUINEA

Catholic Radio Network

4960 0958-1300.June 4.Vatican Radio Int Sig at 1029 followed by xylophone &drums. (Guy Atkins,Puyallup WA. USA via HCDX vol 18 issue 5)

Initial tests are anticipated by Saturday June 5 from the new SW facility being installed at Vanimo, for the Catholic Radio Network, using 4960.

On-site work is now proceeding by technical personnel, following the arrival of antenna components.

Technical E-mailed monitoring reports are welcome from the primary target area of Papua New Guinea, but reports from further afield would also be appreciated, to assess whether there is unwanted coverage outside the local region.

Reports may be sent to the company contracted by CRN to design and install the facility, TE(PNG), attention Wayne Wilson, Construction Manager, at wwilson@tepng.com

Programming will be taken from CRN's local FM services.

Assessment is also being made of the 3200-3400 90 mb for possible operations should the 60 mb prove unsuitable. I am providing professional engineering support to TE in analysis of coverage outside PNG, including frequency selection for 90 mb operations.

When checking 4960, please do not be confused with the strong Ecuadorian transmitter on that channel, which is currently audible across Eastern Australia, the Pacific, and SEA in the 0800-1200 period! We are keeping a close watch on that operation, and at this stage, it is conjectural as to whether it will cause real problems to CRN. Note also that Radio Vanuatu may use 4960 at any time, currently operating on 7260, with 4960 authorised by the ABU-HFC.

I would appreciate copies of any technical reports you may send to Wayne, about CRN reception, to bobpadula@engradio.org
Bob Padula via CUMBRE via Ian Catermole

Catholic Radio Network of Papua New Guinea

Brief History

The Catholic Radio Network of Papua New Guinea (CRN PNG) was established by the Catholic Bishops Conference of Papua New Guinea and Solomon Island (CBC PNG & SI). The Commission for Social Communication of CBC PNG & SI has done visibility studies and through their deputy bishop obtained the necessary funding.

In October 2002 Bishop Bonivento approached Religious Television Association to help with establishment and running CRN PNG. After discussion a contract was agreed to be drafted which would enable RTA to establish and manage the operation of the Network for at least 2 years.

In May 2003 the Annual General Meeting of CBC PNG & SI agreed on engaging RTA for the management of the establishing the CRN PNG.

9th of May 2003, Pangtel, a licensing body of PNG Government approved a community radio license for CRN PNG and gave green light to commence a test broadcast.

3rd July 2003, the first transmitter was set up at Malmaluan EMTV Tower in Rabaul and the test broadcast of the National Catholic Youth Pilgrimage to Vunapope and Rakunai was covered live on radio (FM91.30).

6th of July 2003, the youth mass at Rakunai went live on FM91.30 in Rabaul. A small

team of 5 personnel of RTA managed to keep the station 24 hours a day for a week.

!3-19th of August, a second test broadcast in Rabaul co-inside with 25th anniversary of Archbishop Karl Hesse.

30th of August 2003, FM103.50 transmitter in Port Moresby is switched on.

3rd of September 2003, Satellite link is switched on and we commence live broadcast to Rabaul.

October 2003, we commence broadcast in Aitape on FM92.90 and Vanimo on FM91.50. Pangtel approved our first AM frequency for Vanimo SW 4.960Mhz.

The plans are being made for Alotau both FM and SW, Rabaul SW and FM for Madang.



Aerial Photo of Vanimo area

Aerial Photo of Vanimo area





Aeronautical News

Readers will note John Charlton's loggings of African stations on 8903 khz and of the first European station, for some years, on 5680 khz. The former frequency is active in late afternoon. The latter is a SAR frequency at RAF Kinloss, Scotland which is the home of 4 squadrons of maritime Nimrod aircraft.

Like European frequencies South Americans have been absent for many years. Qantas flights between Sydney and Santiago in Chile were often heard of 10024 khz. In March 2002 Nev McKenty reported a SAR operation off the Falkland Islands involving RN ships and RAF aircraft from RAF Stanley on 11247 khz.

- 3345 0636 ZLJG Wellington Mountain Radio Service Calling any stations. MJ
- 5547 0750 San Francisco/Canforce 0613 FL 250 Request climb FL 270 at 35N 150W.MJ
- 5655 1839 Manila/Malaysian 52 FL 380 Departed Kuala Lumpur ETA Kansai 2215
SC DQFH Registration 9M-MKT. MJ
- 5655 1839 Lae/Indonesian 870 Request left of track 10 nautical miles. MJ
- 5574 0839 San Francisco/November 93RE FL 390. MJ
- 5643 0915 Auckland/UZB 3511 Will call Christchurch on 128.1 at Vanda. MJ
- 5643 0849 Qantas 11/Auckland Clear to deviate up to 20 right of track Report back on
route to Auckland. NJ
- 5643 0901 NZ 56/Auckland . Clear 10 left of track Report back on route Request your
passing level please. NJ
- 5643 0917 Bluebird 8/Auckland Confirm you are FL 390 Auckland accepts guard
Primary 5643 Secondary 3467 At LALAP continue with Christchurch on 128.1.
SC check. NJ
- 5643 1710 Auckland/Kiwi Rescue 481 Ops normal FL 230 position 141.9S 175.32W
within 20 km of OVLAD. RW
- 5643 1712 Reach 6950/Auckland Descend to FL 250 At top of descent contact PAGO
PAGO tower. NW
- 5649 0719 Gander/EI Al 001 Request climb FL 380. MJ
- 5680 1930 Kinloss Rescue/Rescue 177 Severe QRM. JC
- 6628 0455 Reach 101Y/Santa Maria Contact Lisbon Control on 128.9. MJ
- 6679 1524 Auckland Volmet for Christchurch Pago Pago Nadi Tahiti. TL.
- 8867 0450 Auckland/Airwork 1177 VEPAS 0449 FL 350 LUNBI 0452 SC BEFG
(ZL-SLA B733) MJ
- 8867 0055 Reach 6E12/Auckland At VANDA contact Christchurch Control. RW
- 8867 0335 Nadi/Kiwi 675 ATD 0320 FL 250 LEKAX next at 0436 Ohakea at 0727. RW
- 8867 2332 Auckland/Reach 6E1 FL 360 next LHI (Lord Howe). RW
- 8867 2334 Reach 6E1/Auckland Check and confirm EST for PIKEP 0020 Confirmed. RW
- 8867 0030 Brisbane/Aussie 693 Posn report Cleared to control area Climb to FL 250. RW
- 8867 0033 Brisbane/Reach 6E1 Request clear freq 15 mins Roger Report back 0048. RW
- 8867 0438 Auckland/Kiwi 455 Ops normal will call again at 0540. RW

8867 0336 Auckland/Kiwi 455 Complete area 5C Now in area 5A. RW
 8867 2049 Nadi/Korean Air 283 FL 390 Est LTO 2102 VIRAR next LAVOY. NJ
 8867 2136 Auckland/N900FH(Dassault Falcon 900/C/EX) FL 360 Auckland accepts
 guard prim 8867 sec 5643 At RIGMI continue with Brisbane SC GKBM. NJ
 8867 2137 Auckland/N18WZ (Bombardier BD —700 Global Express) MADEP 2135
 FL 470 OLREL 2224 PUGAB next. NJ
 8867 2240 Qantas 163/Auckland Re cleared FL 410 Report reaching. NJ
 8867 0103 Auckland/D-ALCJ Primary 8867 Secondary 13261 At TEKEP contact Brisbane
 SC check (using DALCJ instead of Lufthansa Cargo 8400) NJ
 8867 0110 Qantas 47/Auckland FL 350 Primary 8867 Secondary 13261 At TANEN
 contact Christchurch Control 123.7 SC EMPS. NJ
 8867 0445 Auckland/Reach 349Y Passing FL 130 and climbing for FL 340. NJ
 8891 0402 Bodo calls Iceland but station calling itself Maritime Surveillance comes
 over the top working unid vessel Mention of Mananui sailed last night with
 a coffin on board. JC
 8894 0457 Algiers/Lufthansa dpt ?) N'Djamena 0427. JC
 8903 0430 MKA 406 Lagos to Nairobi calls Brazzaville then works Kinshasa with
 Brazzaville as well. JC
 8903 1932 Stockholm/Reach 106 location Germany departure message for Atlas Air
 ETD Ramstein 1845/09 ETA KWI 0008 SC HLCE. JC
 8903 1936 Stockholm/Reach 822 Relay to Eva International dpt Frankfurt 1900/25 E TA
 Kuwait 003 Pax 152 SC HLCE. JC
 8930 1850 Stockholm/Reach 7852Y operated by North American Airlines Position
 report to dispatch ROKEM 1848 ETA Incirlik 2128. JC
 8930 1911 Stockholm/Britannia AE Position Vienna Bound for Manchester phone patch
 to Ops in Luton. JC
 8974 2112 Air Force Auckland/Orion 02 Radio check Airborne approx 45 miles SC
 BGAH. NJ
 8992 0442 Offutt/Reach 9016 Satellite image out Sports scores passed to aircraft. RW
 8992 0842 Elmendorf/ZVF6M2. Also frqs 6739 and 11244. NJ
 9031 0600 RAF Architect with airfield colour states. MJ
 11175 0442 Offutt Air Force Base/Sky King EAM LDJ MJ
 11253 2049 RAF Architect with Wx for Nairobi Mombasa Cairo etc. TL
 11300 0426 Khartoum/LAJ 6566 (British Mediterranean Airways) QSY to 6566. JC
 11384 1005 Japanair 330/Tokyo Secondary 4666. TL
 11396 0924 Aussie 101/Brisbane Aussie 101 Cleared to destination via flight plan route
 at FL 250. MJ
 13261 0438 Medic 77/Brisbane Contact Brisbane Center 132.85 at RUSKA. NJ
 13261 0232 Kiwi 688/Brisbane Climb to and maintain 350 Report on passing an A330
 at 0241 1000 above. RW
 13261 0241 Brisbane/Kiwi 688 Sighted opposite traffic A330 Now clear Request climb
 to 390. RW
 13261 0258 Brisbane/Coastwatch 776 Ops normal 204.3S 154.07E Opws below 5000
 Will call again in 30. RW
 13261 2210 Nadi/NZ 99. No reply from Nadi. NJ

124.2 0232 Christchurch/Tracking over Manawatu towards Mt Bruce to Wairarapa
airshow Ohakea info. TL
130.5 0306 Harvards requesting flypast in 4 mins OK request given air space. TL

Contributors

JC John Charlton Greymouth Kenwood 5000 30 m wire
MJ Mike Jackson Feilding Lowe 235 5.6/8.8 dipole
NJ Noel Jones Auckland NRD 535 Kenwood 5000 T2FD
TL Tony Lowe Masterton Kenwood 1000 30 m wire
RW Rohan Wahrlich Te Kauwhata Icom R75 Kenwood 5000 T2FD

Contributions are welcome at
Box 3011 Auckland or at 14 Kia Ora Road. Birkdale, Auckland
Phone (09) 483, 9543. Email varrisian@paradise.net.nz

League member Chris Mackerell advises that he has some new recordings of some RNZI DRM broadcasts to Europe via Merlin VT Digital, Rampisham, UK on his website. Needless to say, he didn't hear these himself

<http://www.owdjim.gen.nz/chris/radio/DRM/RNZI/>
<http://www.owdjim.gen.nz/chris/radio/DRM/RNZI-DRM.php>

VT Merlin have also been doing a couple of tests broadcasting a website via DRM Chris has one screen capture (it's on his DRM webpage).

The following request for assistance has been received from Sandy Gray.

She says "My name is Sandy Gray and I write to alert you and your members to a web site dedicated to building a history of Radio Station 3GL Geelong Victoria.

www.mcgray.com.au/gl

If your members would like to visit they may see something of the early days of radio, but more importantly I am sure your members will be able to add to our knowledge base and help us build this site into a real local treasure for the history of a town through its radio station. In particular we would like to get some sound bites or photos. So if you find it within the scope of your charter please tell your members about the GL site. We'll be happy to correspond with any one who may be able to help.

Many Thanks
Sandy Gray
sandy@mcgray.com.au



National Radio on FM

National Radio continues its rapid FM expansion, with transmitters due on-air in Kapiti and Invercargill during June, and in Nelson, Whangarei and South Canterbury by the end of 2004. Budget 2004 also funds a new RNZ website with on-line audio streaming of National Radio and updated news, which should also be ready by the end of the year. In the meantime, the following National Radio FM frequencies are now on air. Those marked (*) are community owned but funded via a partnership with NZ On Air to bring National Radio and Concert FM to rural and remote communities.

- 89.0 Lake Tekapo*
- 89.7 Chatham Islands*
- 91.4 Wanaka*
- 92.0 Milford Sound*
Te Anau*
- 92.6 Twizel*
- 94.0 Te Kuiti*
- 95.5 Greymouth
- 96.4 Waihi* (9pm-9am daily)
- 97.3 Omarama*
- 98.2 Takaka*
- 101.0 Hamilton, Tauranga, Palmerston North
- 101.2 New Plymouth
- 101.3 Wellington
- 101.4 Auckland, Dunedin
- 101.5 Rotorua, Taupo, Napier,
- 101.7 Christchurch
- 104.5 Wellington
- 104.7 Taupo
- 106.7 Otematata*



The majority of new FM transmitters are clustered around 101 FM, which is the general frequency ID now commonly heard during on-air announcements, and promoted on new bumper stickers nationwide. *(David Ricquish, Wellington)*

National Radio continues its rollout across New Zealand on FM - the latest on air being Taranaki on 101.2 FM, according to an on-air announcement mid-May. Next areas to get an FM frequency are Napier, Kapiti Coast and Southland. *(Bryan Clark)*

Auckland guardband latest

Auckland guardband monitoring could be a fulltime job, with something new being noted almost every week!

CB-FM "Radio for the People" is now operating on **106.7** - well heard in Central Auckland.

An Asian - presumed Korean - is also operating on **106.7FM**, with location somewhere on Auckland's North Shore. Have heard this, or similar station on 106.7 in the Onehunga area as well.

According to a trustee of the station Ges Carter, **Hope City Radio at Mount Roskill** is active on **106.7FM**. Format is Christian music, playing older hits. Audible in suburbs along the northern side of the Manukau Harbour.

Apna FM with its Hindi programming looks likely to still have multiple transmitter sites (restricted under the guardband rules) as it is audible widely across the city including West Auckland (Henderson), Royal Oak, Onehunga and downtown Auckland City.

Up FM has moved from **107.3 to 107.6 FM**, strongly heard in Central Auckland. They are fundraising for another transmitter. **107.3 is now occupied by Base FM.** (Bryan Clark)

88.1 Up-fm opens second transmitter here, for primary coverage in Ponsonby, Grey Lynn, Mt Eden and areas to the west. Coverage also includes Birkenhead. Up-fm contact details: T: 09 377 8745 (office), 09 377 upfm (studio), Text: (upfm) 8736, Web: www.upfm.dj

107.3 Base FM new, now on air. Contact details: T: 09 361 5938, Text: 379, Web: www.basefm.co.nz

107.6 Up-fm moves here ex 107.3 for primary coverage from Gillies off-ramp on the Southern Motorway into Epsom, Remuera, Greenlane and areas south. (David Ricquish)

George FM

Currently on-air in: Auckland 96.8, Hamilton 107.3, Wellington 106.7, Christchurch 106.9, Dunedin 107.7, Queenstown 93.6, Ohakune 106.7 and SKY Digital 104. Contact details: T: 09 360 4495 (office), 0800 FMGEORGE (studio), Text: 968, Web: www.georgefm.co.nz (David Ricquish, Wellington)

George ^{FM}
beats working!

Auckland 96.8
Hamilton 107.3
Wellington 106.7
Christchurch 106.9
Dunedin 107.7
Queenstown 93.6
Ohakune 106.7
Sky Digital 104 **99%**

Office Phone: 360-4495, Studio Phone: 0800 FMGEORGE
TXT the DJ on 968 www.georgefm.co.nz

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FM 107.3
sound foundation

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call the studio 09-361 5938
or text the dj on 379
see the full show line-up at
www.basefm.co.nz

programmed by **manuel bundy**

1000 h-net breakfast dj of the year / 1000 h-net top-hop dj of the year / 2000 h-net dj of the year / 2002 h-net nz remix of the year

Firm FM in Wellington

107.0 Firm FM celebrates 5 years on air, with annual fundraising event 'Firmnation' on June 12. Streaming on-line at www.firmfm.co.nz (*David Ricquish*)

Contribution from Brain Palamountain, Atawhai, Nelson

Loggings for April 2004. Receiver Sony ICF2001 with telescopic aerial:

- 90.8 Classic hits 90FM Taranaki
- 92.4 Energy FM Opunake
- 101.0 National Radio, Palmerston North
- 101.3 2CFM Gosford NSW
- 103.4 Niu FM Waikato
- 103.8 Niu FM, Auckland

As of May 2004, 97 Planet FM in Nelson on 97.0 has become "Ninety-Seven Zero 97 ZM"

FM notes from Ron Killick

Another run up the highway, produced the follow micro notes

- 88.1 Seddon Name finally confirmed as CPR FM, you probably know this anyway.
- 88.2 Picton Endeavour FM, visitor info on 20 minute cycle, says locally owned and operated.
Kaikoura No sign of Tourist station here now.
- 88.4 Blenheim Music, no ID's heard.
- 88.7 Oxford Just Country is there, but must be micro-micro power.
- 106.7 Blenheim Whisper FM, good ID's.
- 107.1 Blenheim Infrequent ID's, sounded like SK FM or Eskay FM.
- 107.7 Waipara strong signal, but no ID's noted.

Last trip for a while, all relies visited, now to hibernate for winter.

Veries from Dene Lynneberg

Only veries of note have been FM. Radio Hauraki 97.2 Egmont 1 Kw and Classic Hits 99.6 Oakura 100 watts. Separate full data letters from Geoff Berry, TRN Transmission Strategy Manager, New Plymouth. Received after personal visit.

Kabul University FM station

Here in Kabul we have just opened (two weeks ago) a campus FM station at Kabul University. Only 600 watts so if any NZ DXer can catch it, I'll give them a bottle of champagne.

:-) Details are at

www.unesco.org/webworld (Kabul University on Air) in "Archives" section. (*Martin Hadlow, Afghanistan*)

Or direct to the site at

http://portal.unesco.org/ci/ev.php?URL_ID=15687&URL_DO=DO_TOPIC&URL_SECTION=201&reload=1085550664

(*Mark Nicholls*)



Both Bryan Clark and Stu Forsyth have had 'Dxpditions recently - so here are Trails from North and South.

Bryan Clark Auckland had another DX outing at Mangawhai on 22 May when Mexicans were dominant on most frequencies between 0445 and 0630 UTC.

Highlight was hearing ZNS1 Bahamas 1540 for the first time at the new DX site.

560	USA	0834	KTPC, Topeka KS "Coast to Coast AM: ID 0834 FT
870	USA	0605	WLS New Orleans LA on CBS news, station promo "...Monday mornnings on WWL, 8-70 AM", then into 'Coast to Coast AM' with George Norrie, good 22/5. BCM
880	USA	0626	KRVN Lexington NE with commercial for Firestone Tyres, fair 22/5. BCM
940	MEXICO?	0435	Unid with mainly SS vocals, annct 0447 as "11.47 en el 9-40", good 22/5. BCM
1050	MEXICO	0604	XEG Monterrey presumed, good strength and clear in SS 22/5. BCM
1060	MEXICO	0602	XEEP Radio EducaciŪn, MĒxico DF with classical piano music // 6185 SW, 22/5. BCM
1110	MEXICO	0456	XERED presumed the talk format that broke for Mexican National Anthem at 0458, 22/5. BCM
1140	MEXICO	0501	XEMR with National Anthem, followed by ident as "La M.." Good signal, 22/5 BCM
1180	USA	0616	Radio Marti, Marathon FL very strong in SS, // 6030 SW, 22/5. BCM
1200	USA	0506	WOAI Cincinnati OH "Newsradio 1200 AM presents Coast to Coast AM", good and clear 22/5. BCM
1210	USA	0554	Unidentified station in EE with religious format, 22/5. BCM
1220	MEXICO	0550	XEB MĒxico DF, very strong with talkshow format 22/5. BCM
1280.05	UNID	0509	Someone off frequency causing a big het, 22/5 BCM
1390	UNID	0547	Easy listening station, possibly religious format, good 22/5. BCM
1410	MEXICO	0510	Unid very good with ranchero music 22/5. BCM
1470	MEXICO	0512	XEAI presumed the talk format with references to 'distrito federal' over another SS speaker 22/5. BCM
1540	BAHAMAS	0517	ZNS1 Nassau with talk show in accented EE, talking about Minister of Transport & Communications 22/5. BCM
1570	MEXICO	0527	XERF presumed the strong SS here with talk format. News headlines at 0531 22/5. BCM
1580	USA	0622	KMIK Tempe AZ late appearing tonight, ident 0625 with "Thank you Radio Disney, we love you", 22/5. BCM
1700	USA	0543	KVNS Brownsville TX with 'Coast to Coast AM' talk show, fair 22/5. BCM

MAILBOX

STU FORSYTH, Darfield reports QSL's in from: HJDK, Caracol Medellín 750 via e-mail, no v/s (munera@radiomunera.com); KOA 850, v/s Jan Chadwell; WBAP 820, v/s David Allen, Senior Producer, (David.H.Allen@abc.com); KBJD 1650 from Easter last year. New CEng Wayne Wicks (waynewicks@mac.com) has been there a week and found my letter in a pile of papers, bless him!; KXTA 1150, v/s Don Martin, PD (DonMartin@ClearChannel.com); HJCS, La Voz de Bogot- 930, v/s Luisa Fernanda Salamanca R., Marketing Dir. (mercardo@todelar.com); KMKY 1310, v/s Shalon Rogers, Marketing & Production Assistant (Shalon.K.Rogers@abc.com) followed by a letter and sticker; R Paradise 820 full detail card from Trinity Broadcasting Network, Intl. HQ, 2442 Michelle Drive, Tustin, CA 92780-7091 for report sent to St Kitts & Nevis for country 47; HJEE, RCN, Tunja 1380, v/s Héctor José Vargas Espinosa, Director Regional de Noticias (hjvargas@uniboyaca.edu.co); XERE -la Comadre, Celaya, Mexico 920, v/s Alejandro Maldonado, Engineer i/c (alejandromruelas@hotmail.com) and Jorge J. San Martín Barrios, Engineer (jsanmartin@grupoacir.com.mx) - he attached photos too; OAX4M R María, Lima 580, v/s P. Ricardo Rodríguez Alvarez, Director de Programaci3n (rmtecnica@telefonica.net.pe); Teleradio 1350, Guayaquil, Ecuador, v/s Daniel Nogales, Manager (daniel@laestacion.fm); XERED, R.Red, Mexico City 1110, v/s Ing. Luis Cepero Alarcon, Director de Ingeria de Audio (cguillen@grc.com.mx); KRVN 880 via e-mail, at second attempt, v/s Vern Killion Director of Eng. (vkillion@krvn.com) - the attached card says that they are 50kW day, 130kw night! No reports out !

RAY CRAWFORD, Forrestdale, Queensland says: Additional reports from the NZ trip are KDIS 1110, R Mar Plus 760, Paradise 820, R Mundial 860 and TeleradioAM 1350. KKEA from here. QSLs have come in from R Pacific 738 and 1071, Paradise 820, KBJD 1650, WREJ 1540, HJCS 930, WYXT 1270, KXTA 1150, KMKY 1310, KKEA 1420, Lite FM 1260, 2ZT 1269 , TeleradioAM 1350. and XERE 920 with photos of transmitter and tower. XERE 920 email from Jorge J. San Martin Barros (Ingenieria) jsanmartin@grupoacir.com.mx 2ZT 1269 email from MikeMcElhinney@radionelson.co.nz TeleradioAM 1350 email in EE in response to a SS report from Daniel Nogales, Manager, daniel@laestacion.fm WREJ 1540 email from Steve Miller smiller@radiatorichmond.com KKEA 1420 email from Scott Robbs sportsbar@kkea1420am.com KMKY 1310 email from Shalon K Rogers Shalon.K.Rogers@abc.com and a letter QSL with Radio Disney sticker also Lite FM 1260 email from Rob McDonald, General Manager, Radioworks Canterbury RMcDonald@radioworks.co.nz KBJD 1650 email from Wayne Wicks waynewicks@mac.com for a 2003 report

DAVID NORRIE, Auckland reports a QSL in from WRL 1690.

DX NEWS

Australia

Updates from David Ricquish:

- 1413 Shepparton, Vic. Radio Rhema HPON now on air (MWOZ)
1701 Rockingham 6168 (South Perth), Vision FM/Radio Rhema testing here with contemporary Christian music (Tony Mann, Perth ARDXC/David Ricquish). Could become a good 'marker' for WA reception after 1200 UTC.
Other Vision FM/Radio Rhema X-Banders to watch out for are:
1638 Wagga Wagga NSW
1647 Grafton NSW, Orange NSW, Port Macquarrie NSW, Tamworth NSW, Mackay Q, Maryborough Q, Mt Isa Q, Townsville Q, Alice Springs NT
1656 Bruxner Park NSW, Dubbo NSW, Merbein Vic, Bundaberg Q, Cairns Q,
1674 Cranley Q, Gympie Q
1683 Stuart Park (Darwin) NT
1692 Gympie Q
1701 Belconnen (Canberra) ACT

Currently, UCB (owner of Vision/Rhema) is putting 2 or more new LPFM stations on air each week. They have a 'sponsor a town' project, where a donation of a specific amount will enable a new location to come on air, and it's proving highly successful in expanding coverage very rapidly. (David Ricquish)

Radio 2

The Radio 2 network has completed phase 1 of their planned rollout, with 14 stations on air. The second phase begins shortly, and adds another 20 transmitters to complete the full network by August 29 2004.

As part of this second phase, Radio 2 is raising extra capital from shareholders. Owners (WorldAudio) recently completed the purchase of 3 licences up for sale by Lost the Plot Productions, owners of 6AY Albury WA 1611. The new licences are 1611 Esperance, 1611 Kalgoorlie and 1620 Geraldton, all WA. These three are included in phase 2 of the rollout.

Canberra

Expansion of services into the Canberra area took place during April. New on air are: 1647 Kaleen, ACT 2617 with a relay of 2ME in Arabic from Sydney; 1665 Canberra, ACT 2601 with a relay of Radio Symban in Greek from Sydney; and 1683 Woden, ACT 2607 with a relay of Club AM in Greek from Sydney.

USA

- 990 KATD Pittsburgh, CA CP to increase power to 10kW/0.5kW
1010 KIQI San Francisco, CA CP to increase power to 35kW/0.5kW (David Ricquish)

Hawaii

- 1130 CP applied for new station KRUD, Honolulu HI 10kw/5kw. (But WHAT a call ??)
- 1060 Application in for a new station at Captain Cook, HI to be in parallel with another at the same location on 1150.
- 1150: Application received for new station at Kahului 50kw/12kw. (Dale Park HI is going to be busy watching this saga on 1150 unfold). IRCA DXM.

X band Xpectations

Construction permits have been lodged for 1650 in Atlanta GA, 1690 Johnston IL, 1700 Astoria OR, and also Harrisonburg VA (*courtesy - Information Station Specialists: the radiosource.com*)

New applications lodged for two stations on 1660 from Puerto Rico. Both are suggested relays of WGIT. CP's are for 5000/185 and would be located in Ponce and Mayaguez. (*A 185 watt catch on 1660 from NZ will be a challenge !*)

US Pacific

The FCC has received the following applications for new stations or changes in Guam, Hawaii, Saipan, and American Samoa. Some of them in Hawaii are for locations close together, or very close on the dial, so some of these applications won't eventuate in new operations. These form part of what's called FCC Auction 84, allowing major changes in existing operations, and calling for new AM applications.

(1) Hawaii

- 540 Hilo U1 250w/250w
Laie U1 1.3kW/1.3kW
- 740 Hilo U1 250w/250w
Kihei U1 5kW/5kW
Kihei U1 3kW/3kW
- 920 Millilani U1 10kW/10kW
- 1010 Honokaa U1 50kW/10kW
- 1150 Captain Cook U1 5kW/5kW
Kahului U1 50kW/12kW
- 1230 Millilani Town U1 1kW/1kW
- 1240 Kahului U1 5kW/5kW
Keaau U1 1kW/1kW
- 1250 Keahou U1 5kW/5kW
- 1290 Honaunau U1 5kW/5kW
- 1300 Keahou U1 5kW/5kW
Waihee U1 10kW/10kW
Wailuku U1 16kW/16kW
- 1340 Haiku U1 250w/250w
Honalo U1 250w/250w
Honaunau U1 5kW/5kW

1350 Kihei U1 5kW/5kW
1400 Paukaa U1 2.5kW/2.5kW
1450 Hilo U1 250w/250w
1520 Honokaa U1 250w/250w
Kahului U1 5kW/5kW
1600 Hilo U1 5kW/5kW

(2) Guam

1020 Agana U1 250w/250w
1170 Agana U1 250w/250w
1350 Agana U1 250w/250w
1530 Agana U1 250w/250w

(3) Saipan

1440 Garapah-Saipan U1 250w/250w

(4) American Samoa

720 Leone U1 5kW/5kW

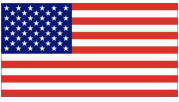
(WVUV is seeking this move ex-648, currently silent)

Special thanks to Bill Hale, AM Switch Editor of NRC for converting FCC database information into a DX friendly format. A much longer list for other states appears in DX News of April 12. US Pacific data extracted from this main list by David Ricquish, Wellington.

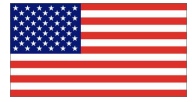
Hawaii

In other news:

1110 KAOI Kihei On air from new tx location, U1, 5kW/5kW (Bill Hale, NRC DX News)
1150 KHBC Captain Cook Existing KHBC Hilo 1060 has second application here for relay, 5kW/5kW (but see FCC list where another application has been lodged for Kahului by another operator)
1170 KJPN Honolulu Has been relaying KAIM-FM (Dale Park, NRC DX News)
1370 KENT Pearl City/Honolulu According to Dale Park (NRC DX News), this was on air from early Feb-early March with simulcast of KJPN 1170, which in turn was relaying KAIM-FM. Currently silent, and new call granted .Plenty of activity either underway or planned in Hawaii. A move to 720 for WVUV would put them onto KUAI Eleele's channel for reception here, and only 27kHz away from SBC2 Apia on 747 - which given the lack of AM stations in Samoa, seems a strange choice of frequency. Will find out more, as a resurrection of WVUV would keep the last of the Mosquito Network WWII callsigns alive in the South Pacific.
(David Ricquish)



U.S. X-BAND AT A GLANCE - MAY 2004



COMPILED BY TONY KING, GREYTOWN, NEW ZEALAND

Send corrections or updates to broadcast.dx@radiodx.com

Updates in bold

1610	CJWI	Montreal QUE	FF/Creole
1620	WHLY	South Bend IN	"ESPN Radio 1620 South Bend" (Call swap.WDND to 1580)
	KOZN	Bellevue NE	"ESPN 1620 Omaha's The Zone"
	WTAW	College Station TX	'Newstalk 16-20 WTAW' Takes 'USA Radio News' & C-to-C At
	KBLI	Blackfoot ID	SS sports ESPN Radio
	KYIZ	Renton WA	Urban AC/ Black Oldies " //KRIZ " Z Twins"
	KSMH	West Sacramento, CA	Rel. ETWN Catholic. "KSMH West Sacramento"
	WDHP	Frederikstad, US Virgins	BBC WS to after 0600 UTC. Full ID at :59
1630	KCJJ	Iowa City IA	Talk/Sport
	KKWY	Fox Farm WY	C&W AP nx "The Spirit of Wyoming" " K-W-Y 1630"
	KKGM	Ft Worth/Dallas TX	Rel. Some SS. x KNAX
	WRDW	Augusta GA	Talk/Sport 'Newstalk 1630'
1640	WKSH	Sussex WI	Disney
	KDZR	Lake Oswego OR	Disney 'KDZR Radio Disney Portland' "AM 1640 KDZR"
	KDIA	Vallejo CA	Talk/religious/life issues
	WTNI	Biloxi MS	"Talk Radio 1640 WTNI Biloxi" Takes Coast to Coast. ABC nx.
	KFNY	Enid-Oklahoma City OK	All Comedy Radio. P.O. Box 952 Enid OK 73702.
	KBJA	Sandy UT	SS/Radio Unica/Radio Latina .EE ID on hour
1650	WHKT	Portsmouth VA	Disney. "AM1650 WHKT Portsmouth, Radio Disney"
	KBIV	El Paso TX	C & W. "Country Classics KBIV"
	KCNZ	Cedar Falls IA	Talk/ Sport .KDNZ call to 1250. Takes 'Coast to Coast'
	KWHN	Fort Smith AR	'Newstalk 1650 KWHN'
	KBJD	Denver CO	Talk. "KNUS-2"
	KFOX	Torrance CA	Korean/ EE ID on hour
1660	KTIQ	Merced CA	Now "Radio Visa" SS talk. EE ID "KTIQ Merced"
	WFNA	Charlotte NC	Sporting News Radio/WFZN 610
	WWRU	Elizabeth NJ	Talk SS Radio Unica.
	WCNZ	Marco Is FL	'Newsradio 1660' AP nx.
	WQSN	Kalamazoo MI	Sports/talk ESPN
	KRZX	Waco TX	ESPN + local sport //KRZI 1580. Nx on hr/local ads .05
	KQWB	West Fargo ND	Nostalgia "Star 1660 is KQWB AM" CNN news
	KXOL	Brigham City UT	"Oldies Radio" (60's rock)
	KXTR	Kansas City KS	'Classical 1660'
	WGIT	Canovanas Puerto Rico	SS oldies "El Gigante"
1670	WMWR	Warner Robins/Macon GA	News/Talk x WRNC "Talk Radio WMWR 1670"
	WTDY	Madison WI	Sports/Talk. "Talk Radio 1670" (Sporting News Network)
	KHPY	Moreno Valley, CA	Radio Catolica SS EE on the hour.
	KNRO	Redding CA	"Redding's ESPN Radio 1670 KNRO"
1680	WTTM	Princeton NJ	Ethnic – Asian "EBC Radio"
	WLAA	Winter Garden FL	SS
	WDSS	Ada MI	Disney 'AM1680 WDSS'
	KAVT	Fresno CA	Disney/SS
	KTFH	Seattle WA	Ethnic./SS Rel/"The Bridge, AM 16-80 KTFH Seattle."
	KRJO	Monroe LA	Urban Gospel. "Rejoice 1680"
1690	KDDZ	Arvada CO	Disney
	KFSG	Roseville CA	SS rel. and Asian. EE ID on hr "KFSG Sacramento"
	WRLL	Berwyn/Chicago IL	"Real Oldies 1690"
	WSWK	Adel GA	Atlanta Country. To move to Avondale Estates GA.
	WPTX	Lexington Park MD	"Newstalk 1690 WPTX" CNN headline News
1700	WJCC	Miami Springs FL	SS/Rel/"Radio Luz"
	WEUV	Huntsville AL	Black Gospel.
	KTBK	Sherman TX	Sporting News Radio "Sports Radio 1310 KTCK-The Ticket"
	KBGG	Des Moines IA	'All News 1700 KBGG'. CNN.
	KVNS	Brownsville TX	"Newstalk 1700 KVNS The Valley's Talk"



AUSTRALIAN X-BAND AT A GLANCE MARCH 2004

COMPILED BY DAVID RICQUISH
WELLINGTON, NEW ZEALAND



1611	Radio 2 2RF Rete Italia Radio 2 NTC Radio 16 3XX 16-11 Double X Alive Radio/Top of the Dial Radio 2 4GT 6AY AM 1611 Margaret River Radio 6GS Radio 2 Radio 2 2MORO 2MAX 1RF Rete Italia Radio 2 3GB Hillside Radio Radio 2 Radio 2 Radio 2 4KZ Radio 2 Radio 2 Radio 2 4KZ Radio 2 Radio 2 Radio 2 1629	Brocklehurst 2830 (Dubbo) Griffith 2680 St Mary's 2760 (West Sydney) Tamworth 2340 Hoppers Crossing 3050 (Melbourne) Mildura 3550 Cluden 4811 (Townsville) Dalby 4405 Albany 6330 Margaret River 6284 Wagin 6315 Darwin 0800 Cygnet 7112 (Hobart) Homebush 2141 (Sydney) Narrabri 2390 Queanbeyan 2620 (Canberra) Shoal Bay 2315 (Newcastle) Bayswater 3153 (Melbourne) Cairns 4870 Caloundra 4551 (Sunshine Coast) Carrara 4211 (Gold Coast) Georgetown 4871 Manly 4179 (Brisbane) Toowoomba 4250 Old Noarlunga 5168 (Adelaide) Balcatta 6021 (North Perth) Armidale 2350 Brocklehurst 2830 (Dubbo) Murrumbateman 2582 (Canberra) O'Connell 2795 (Bathurst) Sandgate 2304 (Newcastle) Shepparton 3631 Williamstown 3016 (Melbourne) Dalby 4405 Mango Hill 4058 (Brisbane) Regency Park 5010 (Adelaide) Mundaring 6073 (City & East Perth) Concord West 2138 (Sydney) South Morang 3052 (Melbourne) Kaleen 2617 (Canberra) Canberra 2601 Marrickville 2204 (Sydney) Woden 2607 (Canberra) Lakemba 2195 (Sydney) Sydney metro region Silverwater 2141 (Sydney) 17 Mile Rocks 4073 (Brisbane) Rockingham 6168 (Perth)	MOR Italian MOR News/Talk/County // FM Christian MOR MOR //1422 AM Sports MOR MOR Arabic // 91.3FM Italian MOR Sports/UK // FM MOR MOR MOR // 531 AM MOR MOR MOR News/Talk/Country News/Talk/country MOR News/Talk/Country MOR Italian MOR Country Italian Italian MOR Arabic Arabic Arabic Greek Greek Greek Greek Greek Rock (low power)(4) News/Talk/Country Hindi Contemporary Christian (3)
1620	NTC Radio 16 NTC Radio 16 Radio 2 NTC Radio 16 2HRN Hospital Radio Network 3RF Rete Italia Radio 2 4DB Country Music Network 4RF Rete Italia 5RF Rete Italia Radio 2 1638		
1647	2ME 3ME		
1665	2ME Radio Symban 2MM		
1683	Club AM Club AM		
1692	Tower Radio (pirate)		
1701	NTC Radio 16 Radio Brisvaani Radio Rhema/Vision FM		

Notes: (1) 6GS 1611 currently silent; (2) additional Radio 2 and NTC sites regularly coming on air; (3) listed operator, tests heard south of Perth end of May; (4) reported heard late March to west of Sydney – Emu Plains 2750 serving Penrith is listed here with operator Narrowcast & Broadcast Services who previously broadcast from Emu Plains 1674 in 1998

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David Ricquish, Wellington

adcom.news@radiodx.com

Compiled by Bryan Clark, Auckland



WELCOME TO REJOINING MEMBER: ROBERT TELENIUS 49 Russell Road, Marewa, Napier. Robert first joined the League in 1983. Nowadays he listens mainly to English language broadcasts and utility transmissions on shortwave. His main receivers are a National Panasonic DR49 and an ICF PRO80. Robert notes that the local city council recently cut down the gum trees behind his flat, one of which supported his longwire antenna. Fortunately he and **PETER CHAMBERS** have managed to erect a new quarter wave antenna for 7MHz. Welcome back Robert — I recall meeting you at the DX Convention at Whangaparaoa in 1990. Look forward to reading of your current listening and DXploits in the DX Times.

BECOMING A HAM HAS NEVER BEEN EASIER According to a note from PAUL ORMANDY ZL4PW, the Ministry of Economic Development has announced that, effective 17 June 2004, Limited Licence radio amateur operators will be permitted to operate on the HF shortwave bands, without the requirement to pass a CW (morse code) examination. The official announcement which confirms the change can be seen on the Ministry web site: <http://www.med.govt.nz/rsm/int/wrc/wrc-2003-outcomes/amateur-morse.html>

KONEKE PRIVATE MUSEUM at 16 View Road in Te Kuiti is operated by **DES DAVEY**, a DX League member from the 1970s. The museum contains a wide variety of items ranging through old bottle and jars, old home appliances, valve radios and radiograms, and overprinted ballpoint pens. If any member has old pens to donate, please forward them to Des at the above address. He is happy to refund postage if required. The museum is open by appointment Monday to Saturday only, except for Anzac Day, Good Friday, Christmas Day and the winter period 1 May to 1 August. During the winter months when the museum is closed, Des still finds time to check out the shortwave bands using a Yaesu FRG7 receiver but is on the lookout for a newer radio.

CHAMPAGNE QSL? DON'T GET YOUR HOPES UP! Reporting in from Afghanistan, League member and Director of UNESCO's Kabul office **MARTIN HADLOW** says he'll give a bottle of champagne to the first NZ DXer to log Kabul University's new FM station, which was opened on 4 May with 600 watts of power on 106.7 MHz. The new campus radio station is based in the University's Faculty of Journalism and will serve both as a training tool for journalism students and an educational out-reach voice for the University in its efforts to further engage the local community. Equipment for the radio station was funded by UNESCO, supplied through the Mallard Company in the UK and installed by a UNESCO consultant.

NOT QUITE A WORLD FIRST? The latest (May 2004) edition of the NZ Vintage Radio Society Inc's quarterly bulletin contains an interesting article about the Radio Corporation of NZ's development in 1939-40 of the Columbus model 75 radio receiver with a slide rule dial that featured a calibrated bandspread dial covering 4 shortwave bands and a technical solution to the problem of frequency drift as the radio warmed up. The Columbus 75 was promoted as having "perfect shortwave stability—the first domestic radio of its type in the world." But research by NZVRS members indicates a similarly calibrated shortwave bandspread dial was introduced by RCA in the United States in 1938.

The same NZVRS bulletin reprints the text of a booklet published in 1935 by the Executive of Auckland's 1ZB Radio Club in 1935, critical of the state radio broadcasting policy of the day that was to culminate in the jamming of 1ZB broadcasts on the eve of the 1935 General Election. B class stations like 1ZB provided the only alternative domestic radio entertainment to the National stations (1YA, 2YA, etc) but in the months leading up to the election they were forbidden by the NZ Broadcasting Board to carry any broadcasts involving election candidates. Their financial viability was also under threat with the then-government's abolition of sponsored programming and prohibition of radio advertising as the NZBB sought to sustain a BBC-style broadcasting model. (In the event, the B station controversy was as a factor in the subsequent change of government, but that in turn was to lead to nationalisation of B stations! Ed)



COLUMBUS MODEL 75XA
(bandspread)

SPANISH IN ENGLISH Radio Exterior de España have sent in their transmission schedule effective till 30 October. 60 minutes of English programming can be heard at these times — 0000 hours UTC to the Americas on 15385kHz; 2000 hours (Monday to Friday) to Europe on 15290 and Africa on 9570kHz; and 2100 hours (Saturday & Sunday) on 9840 and 9570kHz respectively. To familiarise your ear for the Spanish language, check REE's broadcasts for Australia at 0700 to 0900 UTC on 17770 and 21610kHz. (via REE)

branch.news

Compiled by Chief Editor, Wellington



Auckland

The 30 May meeting had 8 present at the Clubrooms.

An invite by Malcolm Holmes to view previous DXpeditions on his large screen at home was politely declined (due to the downpour outside) and suggested as the topic for a future meeting.

Bill Rawlings demonstrated his new toy - a Grundig FR200 wind-up radio (includes FM & shortwave bands). The radio was surprisingly sensitive - on the radio's short wip and in the clubrooms under the power pylon it was able to pull in the usual range of Radio Australia,

BBC, etc all at 2:30 PM. The radio has an internal battery that is charged for about 1 hour's listening by winding a retractable handle on the internal generator for a minute or so. There is also a light on the front so it can be used as a small torch as well.

Discussions of the day included DVDs, loop antenna variations and designs, and a summary by Malcolm of the advantages of modern metal hydride batteries verses older nickel cadmium. MH batteries of 2.2 ampere hours are now readily available and will probably replace the equivalent size in most rechargeables in a relatively short time.

The June meeting will be at the Clubrooms, 3000 Great North Road, New Lynn, just past Whau Creek, on **Sunday, June 27th at 2 PM.**

The July meeting will tentatively be at the Clubrooms on **Sunday, July 25th at 2 PM.**

Meetings are held on the last Sunday of the month except December.

Southland

Not a great deal to report this month, no Qsl's and no loggings reported at our May meeting which was held amongst Arthur Williams vast collection of Vintage radios, of which Arthur spoke about some of the radios on display and had some going. The most interesting radio of the night was the matchbox sized one, when turned on, a Mouse jumps out of the speaker !!. We, have had a payout from the Insurance company for the stolen Solar Panel at Tiwai, and it has been decided to purchase another one as the amount received is approx the same amount. **Next Branch meeting will be on the 4th Tuesday of the month** as per usual. Contact Eddie MacAskill, phone 03 217 8670. Good DX to all.

Wellington Area

The May get-together was held on May 30 and it was good to catch up with John Mainland after many years, and to learn he's still keeping his collection of radio receivers warm with listening to BBC, Cairo and other SW signals.

The new CD 'Top of the Dial' which features Radio Hauraki extracts, old ads and Kiwi music from the 1960's was circulated, along with some colorful car stickers from Samoan FM stations.

RNZI's Adrian Sainsbury has been up in Rarotonga recently helping install equipment at one of the local stations, and David Ricquish spoke of his bone-rattling ride in the back of a 4WD pick-up truck to reach the Radio Polynesia transmitter site high up in the hills overlooking Apia.

The next bi-monthly meeting is scheduled for **Sunday, July 25 at 1.45pm**, again at the cafe lounge, 4th floor, Te Papa National museum. Look for the rowdy group. Easy public transport access and good parking. Mark your diaries now and keep the afternoon free.

President: Ted Hopgood. T: 04 586 2486.
email: eddyhopy@hyper.net.nz All Wellington-Horowhenua-Wairarapa members welcome.

TOP OF THE DIAL



*A Swingin' Trip Through 60s Kiwi Radio
Includes 22 rare tracks, jingles and classic on-air broadcasts*

Top Of The Dial is a '60s 'Kiwiana' pop time capsule featuring many of New Zealand's top stars of the day on CD for the first time, as well as jangling through some well-known jingles. Opening the album is Radio Hauraki's test transmission from the ill-fated Tiri with many more DJs of the day in between songs and finishing with the Mayday from the Tiri before it was dashed on the rocks.

Tracks

1. 1480 Test / Top Of The Dial — Bob Leahy / Tommy Adderley
2. Watcha Gonna Do About It — Larry's Rebels
3. From Ship To Shore — Tommy Adderley
4. Elevator - The Hi Revving Tongues
5. Tea Is The total Taste — Tommy Adderley
6. Cool Jerk - Billy Karaitiana
7. (Join) - NZ Top 20 Intro/ Hi Flyers
8. The Crunch - The Challenge
9. Hip Hi Panty Hose — Hamilton County Bluegrass
10. Music You Like — Avengers
11. Little Red Book — Classic Affair
12. Live Medley With Intro Added - The Avengers
13. Avengers Intro — Keith Richardson
14. Stay Don't Go Away — Avengers / Keith Richardson
15. Hey Bulldog — Tom Thumb
16. Top 20 Time Check — Avengers / Listener Ad
17. Coke Ad — Larry's Rebels
19. Drive Slow And Let Em Grow — Tommy Adderley
20. Something Fresh - The Action
21. Jandals - Chicks
22. Slightly — Delic - The House Of Nimrod
23. Radio Hauraki News Break - Barry Knight
24. Flying Saucers - The Surfires
25. Coke Ad - Allison Durbin
26. Sitting In The Park The Dallas Four
27. Tea Ad / 1480 For All Good — Ross Goodwin/Chicks
28. Under My Thumb - Troubled Mind
29. Talks To Allison Durbin — Rick Grant
30. He's A Bad, Bad, Bad -Allison Durbin
31. Show Intro - Keith Richardson
32. That's When Happiness Began - Gwynn Owen
33. Iced Tea Ad - Keith Richardson
34. I Love Onions — Sandy Edmonds
35. You're On/ This Show Is — Keith Richardson/Avengers
36. He's Ready — The Clevedonaires
37. Reads Letters - Keith Richardson
38. It's In Her Kiss — The Mods
39. Keith Richardson Keeps It Movin - Avengers
40. Try A Little Tenderness — The Action
41. Jet Guy Jet Girl — Allison Durbin
42. Hound Dog - The Action
43. — 2ZB The Brighter - Keith Richardson
44. There Will Come A Time — The Underdogs
45. Let's Go Out Swinging - Keith Richardson
46. Come Together — The La De Da Band

TOP OF THE DIAL



*A Swingin' Trip Through 60s Kiwi Radio
Includes 22 rare tracks, jingles and classic on-air broadcasts*

The 'Top of the Dial' CD is an interesting collection of music from the 60's plus also ID's and jingles from 2ZB and Hauraki. Available from record stores or from the online (Internet music) stores like Marbecks, Echo or Real Groovy for around \$11-14.

A not too technical PALSTAR R30 RECEIVER REVIEW

By Steven Greenyer



I would usually be wary of purchasing a new communications receiver without having seen and tried one first, or at least speaking to someone in NZ that was using one. Overseas reviews aren't always a reliable indicator of a receiver's suitability for New Zealand listening conditions, especially as a predominately MW Dxer, our use of beverage antennas. Fortunately I was able to read a review by a respected North American Dxer who provided a reasonably detailed description from a MW Dxers perspective. This along with the price and specifications was enough to convince me to purchase one.

The radio was available direct from the manufacturers or from Universal Radio, while slightly more expensive from the manufacturers I chose this option as I felt it would be beneficial should I have any problems (a wise decision). An email and credit card resulted in a prompt delivery by registered post. I had explained that in a former life I was a radio technician and asked if they had noticed any common problems with the set that might provide a problem given my isolation from the US. They sent me a spare switched volume control as they had experienced some problems with this control in the past. I don't consider this an admission of weakness but very good customer relations.

The radio is not large about the size of a decent car stereo; if you are looking for bells and whistles then this is not the radio for you. It is a basic receiver, no fancy stuff, the front panel consists of an LCD display, headphone socket, on/off volume control, dual rate tuning knob, up down tuning buttons, and switches for, dual bandwidths (6 & 2.4kHz), attenuator, memory, AGC rate and SSB mode. On the rear are hi and low impedance antenna inputs, line out, extension speaker out, external power jack, a mute socket, LCD backlight switch and a switch to feed 12 volts down the antenna line to an active antenna. The top of the cabinet holds a small speaker.

The radio has no inbuilt power supply, but does have an internal battery holder for AA batteries. While I haven't tried these, their life would be reasonably short. I power mine from a 7 ampere hour sealed lead acid battery, which gives several nights listening. It could however be run from a quiet 12 volt transformer supply.

Tuning can be by the knob at two rates 20 or 500Hz per revolution or using the up down buttons for 500 kHz steps. In memory mode the knob allows tuning through the 100 preset memories or you can use the up down buttons stepping through each memory, I find both methods useful. If you want all the technical details I suggest you go to one of the several web sites that have this available. <http://www.palstar.co.uk/r30.html>

I have been able to try the radio on various beverages at Tiwai and Waianakaru and on shorter wires and active antennas. Having DXed for about 35 years I have tried many radios, in my opinion performance is very good and only marginally less than much more expensive receivers. For me it replaced a Sony ICF6800w, in my opinion a fine MW receiver only bettered in sensitivity on MW by the Drake SPR4. The Palstar is certainly as good on MW as the Sony and has some additional benefits, in memory size, sideband performance and audio quality.

Within the first week of use I had a major disaster, I hooked up my notch filter to the extension speaker socket, the crackling noise on the notch filter speaker should have been sufficient warning that all was not well, this was however confirmed by the burning smell and loss of audio from the radio. I had destroyed the audio output i.c. An email to Palstar confirmed that nothing but dollars would fix it, as I had probably cooked the regulator i.c. as well. A bit of testing by me confirmed that it was still ok, rather than go to the expense of returning the set to the States and the estimated \$US75 repair bill, Palstar sent me a new i.c. free. I fitted this (not a job for an amateur) and the new volume control, as the audio i.c is d.c. controlled by this control it had damaged it as well. The set has been back in service for over a year now, and I have had no previously identified problem with the volume control. Basically the cause was the fact that the speaker output is above ground i.e. one wire is not at earth or negative potential and the input to the notch filter is. I feel with the number of add on audio processors, etc around Palstar should warn users about the potential for problems given the configuration of the speaker output. I have tried several emails to get Palstar to comment on this but with no luck. Strange, as they seem to have a reasonably good customer follow up. My set also has a very, very intermittent fault in which the frequency reverts to 100 kHz, I have read about this happening but haven't bothered pursuing a fix as it is not a common occurrence, switching the set off and on corrects it.

Overall I am very pleased with the set, it could have more fancy functions but in my experience most of these add very little to DX, if the signal is that hard to hear, then I'll look elsewhere. Given our 9 kHz spacing on MW, a notch filter would be useful, but the set does have very good side band performance, tuning at 500Hz per turn is a little slow at times on sw. However I am more than happy with the set and would recommend it to serious MW Dxers or SW listeners.

AUTEK VA1 ANTENNA ANALYSER

By Steven Greenyer



Early this year I emailed MJF Enterprises to inquire if they made an antenna analyser that operated at MW frequencies, the answer was no. By chance Jim Searle from Dunedin visited an Oamaru Branch meeting at Waianakarua and had with him an Autek antenna analyser that was designed primarily for the ham bands. A quick check of the Autek web site on my return home showed they manufacture an analyser that covered from MW through SW. Availability was either through Autek in the States at around \$NZ300 or via their Australian agent, at \$NZ400, mine arrived in five days from Florida by insured airmail.

There's an old saying that you have to be mad to be a Dxr and paying \$300 for a cigarette packet sized box with a few switches confirms that in my case. However if you are interested in the technical side of Dxing and antennas in particular, receiving this little box is just about as good as a new radio.

For the non-technical here is a brief explanation of what this antenna analyser is and does. In the old days and probably still today, Hams used devices such as grid dip metres, power meters and swr meters to test and adjust antennas to best match their transmitters to their antennas. About the best I have seen Dxrers do was wind baluns to match antennas to coax lines, and a few took some convincing of the benefits of that. The VA1 is basically a small, variable frequency signal generator attached to a very smart processor of some kind. One connects the VA1 to an antenna and selects the frequency of reception on the LCD readout. You can then use the device to measure a wide range of antenna characteristics including: capacitance, inductance and impedance. Correctly matching an antenna and a feeder line such as coax to a radio can result in an increase in signal strength and a reduction in man made noise. As an example I have used an active antenna on mw for many years, always knowing that on the lower end of the mw band its performance dropped off noticeably. A check of the impedance of the antenna on the LCD readout showed that it was very low, from the radios point of view, at 700kHz it was almost looking at a short circuit on the antenna lead. I have since modified the antenna to overcome this and it now works much better. The

analyser is capable of many more technical functions, such as checking baluns and while it comes with a comprehensive manual I will have to spend some time refreshing my knowledge of antenna theory if I want to get the best out of it. If you are not technically inclined then the device will be of little value to you but if you like experimenting with aerials and have some basic knowledge, then it is a useful device to have in the toolbox.
<http://www.autekresearch.com/va1.htm>

From NZRDXL member Jerry Berg, 38 Eastern Avenue, Lexington, MA 02421, USA

NEW HISTORY MATERIAL AT <http://www.ontheshortwaves.com>

Under "Articles, Research, etc.," "Pot Pourri": For the listener who does not like to be too far from reminders of the hobby, some DX jewelry, specifically three pins. One is from station OTC, Belgian Congo. (Also shown is an OTC QSL.) The second is a pin from HCJB. It was issued in 1956 in commemoration of 25 years of broadcasting. (The card to which it was attached is shown as well.) The third is from Radio Nederland, issued at a time, and for purposes, unknown.

Under "Articles, Research, etc.," "Full-Text Articles," another copy of The Scott News, this one from March 1932, and featuring such promotional items as a log of Australian reception and photos of Amalgamated Wireless Australasia Ltd. (AWA) QSL letters, equipment used to record foreign reception, a foreign station time schedule, and letters from satisfied Scott customers.

Under "Articles, Research, etc.," "Pot Pourri": In the 1920s, Westinghouse transmitted programs to the Canadian north by way of the experimental shortwave channels of some of their AM stations, specifically KDKA-Pittsburgh, Pennsylvania, WBZ/WBZA-Boston/Springfield, Massachusetts, and KFKX-Hastings, Nebraska. Here is a brochure about the service, produced by the Oblate Fathers circa 1927, along with an accompanying postcard.

Under "Articles, Research, etc.," "Potpourri," photos of several radio "wheels" that were used as aids in tuning. The Hallicrafters wheel is simply a means of telling what time it is in other places. You set the pointer for your location to point to your local time and then you can read the time in other places around the wheel. The Lines & Fitzpatrick wheel is similar; then you turn it over and find a list of stations arranged by frequency. The Crosley wheel is fairly ingenious. You set the arm over the station you want to hear and the lines under the station name then correspond to the EST and the days of the week when the station broadcasts. Stations are listed alphabetically by country on the back. "Like the magic carpet of fairy-tale lore, the new Crosley American-Foreign and All-Wave Radios are carrying radio adventures into lands far-flung over the face of the globe. . . ."

Under "Articles, Research, etc.," "Full-Text Articles," the first part of a two-part article on Radio Swan that was published in Popular Communications in November and December 1985. The second article will be posted next week. Thanks to PopComm <<http://www.popular-communications.com/>> for permission to post these.

Under "CPRV," "QSL Gallery," some early QSLs from Cuba, which always seemed to produce great looking cards and letters. On the medium wave side, the historic Frank H. Jones "Tuinucu" station 6KW; equally historic PWX (1923); CMCB (QSL letter for a 1936 NNRC special); CMCY (1933); CMHK (two QSLs, a card and a letter, from 1938); and CMJK (1933). And on SW, CMZ1; COJK (1947); and COK. These are from the collections of Eugene Allen, Paul Kary, Warren Routzahn and John Tweedie. In error we originally included medium waver "AMB" (1928) among the Cubans, but ontheshortwaves follower Reuben Dagold pointed out the error. As can be seen, the "AMB" QSL carries a Tijuana address on the front, as well as the San Diego address of its owner, the Nelson Radio Company. On the back it is postmarked San Diego, 1928. Does anyone know just what this station might have been? An early "border radio" station perhaps? For now this QSL is in the "Mexico" section of the "QSL Gallery" (under "Broadcast Band").

Under "Articles, Research, etc.," "Recordings," a record that was apparently used as a promotional item for a station in Shanghai, China, XMHD, the China Christian Broadcasting Association. It has hymns on both sides, and at the end of the Side B is a request for funds. There is no date on this 78 rpm record, but it must have been from the latter part of the 78 rpm era because it is made of vinyl rather than shellac. Does anyone have additional information on XMHD? Was it SW? There was an XMHA in Shanghai, and I believe an XMHC as well. -- Also this week, under "Book Reviews," a review by Richard A. D'Angelo of the recent book by Alan L. Heil, Jr., "Voice of America: A History."

Under "Articles, Research, etc.," "Pot Pourri": August Balbi's POW Monitoring, Part III. After sending a postcard to the POW's family, POW monitors were often rewarded with a card or letter of thanks. Those found here, with their references to places like Wake Island, Shanghai and Mukden, are a reminder of how it was over a half century ago.



Photo of Canadian League member Edward Kusalik VE6EFK in his DX Shack

TIWAI EASTER 2004



Left
Ray Crawford, Paul Aronsen,
David Norrie

Below.
Paul Aronsen, Ray Crawford,
David Norrie

Bottom Left.
Aerial Pole with Shearing
Shed in distance

Bottom Right
Tiwai Farmhouse





MEDIUMWAVE OPEN (Over 500)					SHORTWAVE OPEN (Over 500)				
DEC	JUN	INC	CNTS	DEC	JUN	INC	CNTS		
Laurie Boyer	4012	4016	4	137	Ian Cattermole	4737	4872	135	200
Ray Crawford	2302	2320	18	188	Günter Jacob	2856	2989	133	163
Paul Ormandy	1565	1568	3	145	Barry Williams	2703			243
Sutton Burtenshaw	1040	1048	8	104	Ray Crawford	2598	2633	35	233
David Ricquish	835	866	31	66	John Durham	2253	2262	9	265
Bryan Clark	676			120	Laurie Boyer	1904	1940	36	188
Barry Williams	648			83	John Campbell	1672	1674	2	261
Mark Nicholls	643	643	0	67	Robert Park	1695	1787	92	104
John Campbell	642	642	0	129	Paul Ormandy	1649	1649	0	245
Stuart Forsyth	579	614	35	48	Bryan Clark	1358			236
Paul Aronsen	530	530	0	50	Paul Aronsen	800	800	0	125
SENIOR (301 - 500)					Peter Grenfell	673			133
Peter Grenfell	443			37	SENIOR (301 - 500)				
INTERMEDIATE (151 - 300)					Andy McQueen	386			104
Andy McQueen	298			21	Stuart Forsyth	367	384	27	106
Frank Glen	301			22	INTERMEDIATE (151 - 300)				
Günter Jacob	256	263	7	47	Arthur de Maine	270	271	1	93
JUNIOR (5 - 150)					JUNIOR (5 - 150)				
Robert Park	86			2	Mark Nicholls	121	121	0	55
Arthur De Maine	56	57	1	11	Frank Glen	72			50
Andrew Sunde	22	24	2	3	Andrew Sunde	46	55	9	36
FM-TELEVISION					UTILITIES				
Robert Krijger	678			6	Ron Killick	61754			133
Bryan Clark	148			5	Robert Park	78			5
Paul Ormandy	110			5	Günter Jacob	14			12
Mark Nicholls	42	42	0	2					
Andy McQueen	29			2	Stuart Forsyth				
Robert Park	19			1	c/- NZRDXL, P.O.Box 3011, Auckland				
					or direct to 27 Mathias St, Darfield 8172.				
					E-mail: smforysht@xtra.co.nz				

June is here already. Where has half the year gone!? The 6 month competition has finished and our winners are: Mediumwave - Open - Stuart Forsyth with an increase of 35, Intermediate - Günter Jacob, with an increase of 7. Shortwave - Open - Ian Cattermole with an increase of 135, Senior - Stuart Forsyth with an increase of 27. It is great to see the battle between Ian Cattermole and Günter Jacob with 268QSLs between them.

A reminder to all that there must be an increase of at least 5 for the 6 month period in order to be considered for the competition.

Next contributions are due in August. If you haven't contributed before, why not send something in then - all contributions are welcome. I look forward to hearing for you all then.

73s, Stu

NEW ZEALAND RADIO DX LEAGUE (Inc.)

The **New Zealand Radio DX League (Inc.)** is a non-profit organisation founded in 1948 with the main aim of promoting the hobby of Radio DXing.

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