

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. The NZRDXL is administered from Auckland by: **NZRDXL AdCom, PO Box 3011, Auckland**

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Annual Membership:

Within New Zealand - NZ\$35.00.

Australia/Pacific Islands - A\$35.00

Asia/North America - US\$30.00

Rest of World - US\$33.00

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New Zealand DX Times

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talkback@radiodx.com

Compiled by
David Ricquish
Wellington

Kia Orana, Ni sa bula, Taloha ni, Fakaalofa lahi atu, Malo e lelei, Halo Olaketa, la Orana, Kia Ora, Talofa Lava, Aloha and warm Pacific Greetings to everyone this month. Now that winter has arrived, a warm fire, great DX and dreams of tropical islands should help you enjoy our contributions this month.

George Rolton, Hampden, North Otago sends in news about DRM (Digital Radio Mondiale) from the May 2001 *Practical Wireless*: *One of the problems that some engineers have predicted and that DRM may still have to contend with is that the digital tests on a.m. may create interference on nearby channels. The (February 2001) Juelich (Germany) tests were on 5900 and a very experienced listener, using high-end equipment, reported that the digital signal on 5900 totally killed 5895 and 5905, and interfered with 5890 and 5910 kHz.*

The article goes on to say that cheap receivers are coming on the market already, and that DRM expect many new services to be operating within a year or so. On the one hand, a broadcaster may need to use less assigned frequencies. But, on the other, they may then ruin reception on adjoining frequencies. A lot of disruption to reception is expected (on both AM and SW) as digital radio is phased in.

Advance announcements of future digital tests can be found at the DRM website www.drm.prg. (Have any members noticed interference to adjoining channels from digital transmissions?)

David Miller, Dunedin writes about the **FRG7 receiver**: *In an old Practical Wireless magazine, I've found an article about modifications to the FRG7. Many members may still be using this in their shacks, so if they want a copy, they can contact me for copying costs and postage: email dm.smr.nu@xtra.co.nz or write PO Box 1212, Dunedin.*

David also asks if members have recordings of Radio Windy (1080) in its first 30 minutes on air, or other early recordings of the station. Same for Radio Waikato (930) He's also after any NZ radio recordings, particularly the short-term stations that were around in the 1970s such as Radio Fiordland. He says the transmitter for this Te Anau station is now at the

Articles this issue:

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DXpedition: Stuart Highway & Cox Peninsula. Australia

by Chris Martin pgs 34-39

Contribution deadline for next issue is Wed 4th July 2001 - PO Box 3011, Auckland

Otago Settlers Museum in Dunedin.

(I've since sent David recordings of 1 day broadcasters 3XF Radio Ferrymead 1030 and Radio Rhema 2XG 890 so I hope others can help preserve the recorded heritage of radio. Recordings will also be available at the Pacific Radio Heritage Collection site www.radiodx.com/spdxr where new material appears regularly.)

Ernie Hakanson, Auckland sends in the latest issues of *NZVRS Bulletin* from the New Zealand Vintage Radio Society. The February issue includes articles on: Post Office Radio Section in Wartime; The Forgotten Clipper 5M4; Grid Leak Detection in the 1920's; and The End of a Decade, a review of late 1920's radio.

The May issue features: A Majestic Restoration; Early Times at Civil Aviation Workshops; The Australasian 3 Pin Power Plug; Ferranti Model 32 (1930) Restoration.

Christchurch/Canterbury Members who're interested in attending a social radio gathering in August, please contact me directly. Radio 3XP Vintage Radio at Ferrymead have offered a tour of the station and the chance to meet with some of their members to chat about radio. I need someone to help me organise this locally. You can write me at PO Box 14339, Wellington, call (04) 934 4280 or email: talkback@radiodx.com.

Satellite Radio's 'Roll' satellite launched in early May, following 'Rock' a month or so earlier. Carrying 100+ channels of radio programs, the first signals were heard in Perth just 70 minutes after launch. The transmitters on board pump out 18kW of power. (PIR)

Solomon Islands a slowly disintegrating nation where government agencies have no telephones and most of the income is now foreign aid wants something to take local minds off the looming disaster. Their government has called for tenders to introduce a free to air **TV service**. Home of the infamous 'cargo cult' following WWII, the 21st century version obviously includes color TV sets.

Radio 2GB Sydney celebrates 75th and is keen to hear from listeners and ex-staffers who have 'stories' to tell as part of their events in August. You can write to 2GB or email Corryn McKay there at mckay@2gb.com if you're interested. (AMT)

(Other Australian commercial stations will be rolling out similar anniversaries over the coming years, generating considerable interest in the heritage of radio. DXers have a story to tell as part of the growth of radio, as early DX reports helped the stations improve coverage and service.)

Community Radio in Australia has grown in the past 20 years, and is bigger than many DXers may realise. There are 200+ stations and 135+ more waiting for licences. Over 60% have a general format, others include ethnic, aboriginal, religious, sports, print handicapped and classical music. They employ 20,000 volunteers and over 60% of them are located outside the big cities. NSW has the most with 36%, followed by Victoria with 23% and Queensland with 17%. Many are on FM and are heard here in NZ during the summer FM season. (AMT)

David Norrie, Auckland encourages members concerned about the **closure of BBC shortwave services to Australia and New Zealand** to lodge their views with Martin Williams, High Commissioner, British High Commission, PO Box 1812, Wellington. Emails can be sent to bhccpress@xtra.co.nz as well.

The BBC is closing the service in favor of local FM rebroadcasts, internet audio streaming and satellite audio service. Whilst this may be fine for the USA, Canada and even Australia (where some community stations rebroadcast the BBC), New Zealand is currently served only by a weak AM signal in Auckland (1476) and an audio channel on the Telstra-Saturn

cable TV service which reaches a relatively small number of households in Wellington and Christchurch.

Graeme Dixon, Auckland adds 'If the BBC think they'll serve the Pacific by internet, tell them to think again. If they guarantee an audio streaming service that is net congestion free, then I'd consider listening to them on the net.

Listeners coming across 'net congestion' and audio drop-outs will get very annoyed, go listen to another station or dig the spuds. It's time to get real, only listening to the BBC on the internet with constant net congestion is not acceptable.

There's something unique about shortwave radio, the audio, the fades; but, on the hour on SW, the famous 'This is London'. Come on BBC World Service, stick with SW, a transmission system you're very good at.'

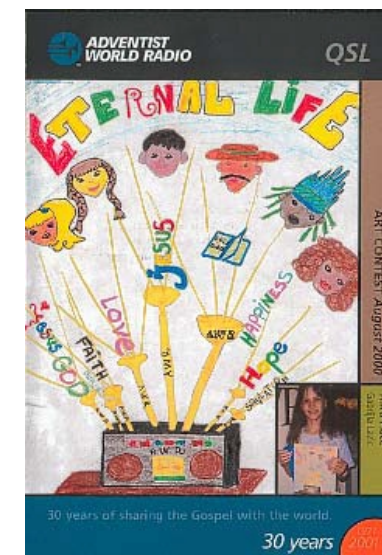
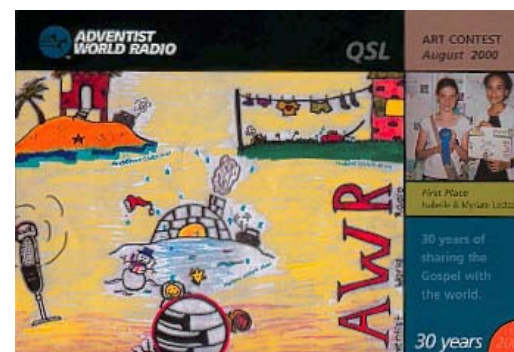
40% of Americans listen to Internet Radio by 2003 is the prediction from Webnoize, as broadband services allow smooth audiostreaming, and no net congestion problems. This is expected to have a major impact on standard AM/FM stations, where digital radio and concentration of ownership and national brands or 'networks' are seen as one answer. (AMT)

Dr Adrian M Peterson, Indianapolis, IN sends us details about a new collection of 24 QSL cards being issued by **Adventist World Radio**. These include a series on Radio History, AWR through Children's Art, and the Drama of the Ages. The cards will be issued at 3 monthly intervals between now and 2004. The preferred address for reception reports is: Adventist World Radio, 39 Brendon Street, London, WIH 5HD, England.

<http://www.awr.org/>



AWR QSL CARDS



Colin Campbell, Rotorua has been announced by AdCom as winner of the *Santas' Special Membership Promotion* and collects a Dick Smith Electronics gift voucher valued at \$50 sponsored by Ragusa Media Group. Colin also has his next subscription renewed at the special rate of \$29.95. Congratulations Colin!

Thanks to everyone who participated in the promotion. We're now planning our next promotion for Australian and international members. You can introduce a new member to the club at any time, and get an extra 3 months membership for free yourself.

The subscription rate in New Zealand is just \$35 which includes membership of one of the oldest DX clubs in the world, and 12 x monthly issues of one of the world's best DX magazines produced completely by volunteers.

Paul Ormandy, Oamaru reminds members of the **2002 DX Convention at Camp Iona, Oamaru**. The DX-pedition is held January 29-31 and is followed immediately by the Convention on February 1-4.

The location at Camp Iona is near Oamaru in North Otago, and close to the famed Waianakarua DX site. International interest in the event is growing, with DX visitors expected from Finland, Italy, USA and Australia. Paul suggests that members who want to attend should register their interest quickly. Write: Paul Ormandy, Convention 2002, 33 Greta Street, Oamaru, NZ or email: paulorm@paradise.net.nz for details. The North Otago branch have a wonderful history of DX Convention management and hospitality, and the mid-summer timing makes the location ideal. A great way to celebrate the 55th anniversary of the NZRDXL also.

Muslim Community Radio, Sydney is one of the 4 new community radio stations approved (see FM/TV News) for the Sydney/Penrith area. Using 15kW on 92.1, MCR will serve the 100,000+ Muslim community in Sydney. The ABA is looking at ways to bring another 3 community stations on air, and has already upgraded 1386 AM (Homebush) to a community rather than narrowcast frequency and called for applications by July.

Talkback welcomes your contributions every month. Write: PO Box 3011, Auckland, or email: talkback@radiodx.com and enjoy winter DX, including the BBC before their Australia/NZ service goes silent on July 1. The sad end of an era indeed.



president@radiodx.com

**Compiled by
League President
Auckland**

By now most of you will be aware of the fact that from 1st July the BBC intends to end much of its transmissions on shortwave to USA, Canada, Australia and the S.Pacific.

This is short sighted in the extreme cutting off the BBC's continuous service to the majority of New Zealand. Aucklanders are fortunate that 1476kHz continues on medium wave, but unless you wish to be glued to the internet on real audio, tying up your phone line, possibly running up a bill, the BBC will end. Its shortwave service has served NZ for the last 70 years.

There is a web site coordinating efforts in affected countries to save this service and its URL is <http://www.savebbc.org>

We urge you to contact the British High Commissioner in NZ, Mr. Martin Williams to intervene. His e-mail address is bhpress@extra.co.nz or postal PO Box 1812 Wellington."

In addition we urge you to write to a newspaper in your area to draw attention to this and the following e mail and postal addresses cover many NZ papers.

NZ Press Association: news@nzpa.co.nz ,
 NZ Herald editor@herald.co.nz
 The Press management@press.co.nz
 Otago Daily Times odt.editor@alliedpress.co.nz
 Evening Post editor@evpost.co.nz
 Dominion editor@dominion.co.nz
 IRN News irn@irn.co.nz

PO Box 1599, Wellington
 PO Box 32, Auckland
 Private Bag 4722, Christchurch
 PO Box 517, Dunedin
 PO Box 3740, Wellington
 PO Box 3740, Wellington
 PO Box 5244, Wellesley St, Auckland

Yours sincerely

Barry Williams
 President NZ Radio Dx League





bandwatch.under9@radiodx.com

**Compiled by
Ken Baird
Christchurch**

Please note that all frequencies should be in kHz and, time in UTC (= GMT = UT), # indicates reception 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. The country name should also be clearly stated, please don't use abbreviations. Also, would you please add the date of logging to your information.

kHz	UTC	Country, Station, Programme, & Reception Details
3210	0530	COSTA RICA, REE good with news in Spanish — JSB 30/5
3210	0830	USA, WWCR v good with relig prgm — JSB 2/6
3215	1814	STH AFRICA, Amateur Radio Mirror poor in EE on Mondays — BML 4/6
3230	2100	STH AFRICA, R Sonder Grense Meyerton with ID, then news and sharemarket report in Africaans — LM 21/5
3279.60930		ECUADOR, L V del Napo in Spanish and Quechawith salsa music ID LM 19/5
3291.40835		GUYANA, V of Guyana good in EE with Early Bird Show ID, relig vocals, announcements and ID — RAD 24/4
3300	0830	GUAREMALA, R Cultural poor with indistinct audio, ID at 0845 — JSB 2/6
3330	0845	CANADA, CHU time station good — JSB 2/6
3365	1041	PNG, R Milne Bay fair in EE with pop music and news, ID 1104 KVB 14/5, 21/5
3366	2200	GHANA, GBC with ID and EE news, fair. 4915 poor due to RTTY R1 prgm continues on 3366 while R2 prgm on 4915 — LM 19/5
3375	0829	PNG, R Western Highlands fair in Tok Pisin with plenty of IDs — BML 29/5
3385	1105	PNG, R East New Britain poor in Tok Pisin, no clear ID — DN 4/6
4052.50242		GUATEMALA, R Verdad with relig vocals and ID at 0246, more vocals until 0256 ID and s/off followed by anthem — RAD 26/4
4763.81113		PERU, R Chincheros with drums huaynos and ID, a seasonal visitor DN 28/5
4765	0455	CONGO, RTV Congolaise noted reactivated with messages in French and Vernac. At 0500. Stronger than Nigeria 4770 and Gabon 4890 — PWO 20/5
	1820	CONGO, RTV Congo with ID in French and Afro pops, noisy but improving as dawn broke — DN 21/5
	1850	CONGO, R diff Congolaise with EE prgm on human rights, 1858 EE ID as R Congo,

1900 French ID, very strong, ex 5985 — LM 19/5
4775 0400 SWAZILAND, TWR s/on in German with ID and talk by man — RAD 12/4
4782.61025 ECUADOR, R Oriental drifting down from .94 over 15 minutes, ID, improving after 1100, ex 4800v — DN 18/5
4800 0326 LESOTHO, R Lesotho with country music followed by ID then long talk by woman announcer, fair — RAD 12/4
4820 0530 BOTSWANA, R Botswana good in vernac // 7255 — JSB 30/5
4826.10913 PERU, R Sicuani with rapid fire Spanish and ID at 0920 — DN 22/5
4830 1059 VENEUELA, R Tachira (tent), RRTY and noisy signal, may have just s/on with "R Tachira" through the noise — DN 28/5
4832 0228 HONDURAS, R Litoral (presumed) with EE relig songs until Searchlight prgm at 0258. No ID heard over several nights — RAD 24/4
4835 1720 AUSTRALIA, Alice Springs in EE with Telephone Time, news at 1730, strong signal — CRC 6/4
4835 1914 MALI, Mali Radio, Bamako fair with EE news. Variable starting time after 1900, on Sat only — BML 26/5
4880 1543 BANGLADESH, Bangladesh Betar fair in EE with news and s/off. 1547 resumed in presumed Bangla with music, spoken prgm, refs to Betar 1630 KVB 30/4
4890 0800 PNG, Port Moresby fair in EE — JSB 17/5
4890.2 0218 PERU, R Chota rustic vocals with ID abd s/off announcements, poor with some QRM — RAD 9/5
4914.70845 PERU, R Cora better on USB with pan pipe music, poor — JSB 2/6
4915 0206 BRAZIL, R Anhanguera with ads followed by ID and news in Portuguese — RAD 9/5
0453 PERU, R Cora fair in Spanish with non-stop Latin music, noisy, off at 0457 — CC 6/5
4950 0515 ANGOLA, R Nacional (tent) no ID but distinctive Portuguese, weak and gone by 0530. BBC on 11955 prevented checking // - DN 3/6
4950.10858 PERU, R Madre de Dios with relig talk and music, ID at 0905, fair — RAD 24/4
4975 0900 BRAZIL, R mundial in Portuguese with local news — JSB 2/6
4980 0924 VENEZUELA, Ecos del Torbes fair in Spanish with music, prayer, ID jingle — KVB 10/5
4995.6 0142 PERU, R Andina vocals with man/woman chatter, ID at 0201 followed by vocals, poor/fair with some QRM from AFN Sicily — RAD 9/5
0352 PERU, R Andina long talk by woman in Spanish followed by music off suddenly at 0400, poor — RAD 12/4
5009.7 0257 MADAGASCAR, RTVM IS followed by choral anthem and ID and announcements, fair to good — RAD 12/4
5020 0530 CUBA, R Rebelde good in Spanish with music prgm — JSB 30/5
0800 SOLOMON IS, SIBC fair in EE — JSB 17/5
5025 0900 CUBA, R Rebelde v good with news in Spanish — JSB 2/6
2102 BENIN, ORTB Parakou fair in French with ID — LM 20/5
5029.10553 COSTA RICA, AWR in EE with American accent — DN 4/6
5050.10246 TANZANIA, R Tanzania with lively vocals and talk in Swahili, ID at 0300 with brief news, poor to fair — RAD 12/4

5070 0610 USA, WWCR good with country & western music — GLR 28/5
0620 USA, WWCR fair in EE with relig prgm - KAB 20/5
5175.31044 PERU, R Continente (tent) real problem with transmitter, freq. Moving around from .28 to .80. Would be an easy catch otherwise, hope they fix it. Other Latins heard were 6797.5 Ondas del Rio Mayo, 4824.5 Voz De Selva, 3329.6 Ondas del Huallago, 4826.3 R Sicuani - DN 28/5
5460.71130 PERU, R Bolivar ID as "Radio Bolivar...de musica de tropical" with big echo, better on USB — DN 28/5
5745 0630 USA, WHRI good in EE with gospel preaching// 7315 the same, gave address in USA — KAB 20/5
0735 USA, WHRI good with relig prgm — GLR 28/5
5755 0730 USA, KAIJ poor with relig prgm — GLR 28/54
5765 0847 MARIANAS, AFN on USB good in EE with contemporary music, ID 0901 KVB9/5
5825 0622 USA, WEWN good in EE with Catholic relig prgm — KAB 20/5
0710 USA, WEWN strong EE with catholic relig prgm after ID, also heard 0400 29CRC
0725 USA, WEWN excellent with relig phone0in — GLR 28/5
5910 1740 BELGIUM, RVI good in EE with end of Radio World and ID, some QRN // 9925 weaker, 13710 stronger — CC 13/5
5925 0440 FRANCE, RFI in FF with comment on news and ID 0415, v strong sig CRC 27/5
0540 FRANCE, RFI fair to good with French music, then announcements in French with Arabic music in the background — GLR 30/5
5935 0535 USA, WWCR fair with over modulated relig prgm — GLR 30/5
0720 USA, WWCR fair in EE with relig prgm, sig directed to East coast USA CRC8/5
5950 0720 USA, R Taipei Intl via WYFR fair in EE with ID, fluctuating — CRC 8/5
0741 USA, R Taipei Intl via WYFR poor/fair with Chinese music — GLR 28/5
5954 1038 COSTA RICA, R Casino with huaynos and laughter, then drums and "Casino" cry. Audio gone by 1100, swamped by Pio Doceon 5952.4. Casino actually on 5953.97 — DN 3/6
5970 0929 BRAZIL, R Itatiaia fair in Portuguese with spoken prgm and ads, several IDs from 0930 — KVB 14/5
1935 ITALY, RAI poor in EE with Newscast after IS, ID — KAB 20/5
5980 0730 USA, R Marti v good in Spanish with clear ID, no jammimg heard — CRC 8/5
0915 PERU, R Chaski good in Spanish with comment on Campisinos and their problems — JSB 2/6
5985 0615 USA, WYFR fair in EE with usual relig prgm // 7355 — KAB 20/5
5995 0556 MALI, RTV Mali good in vernac, ID 0600 & 0701 // 4835 — BML 19/5
6000 0953 BRAZIL, R Guaiba fair in Portuguese with phone-in, T/S 1015, ID 1018 KVB 14/5
6010 0914 MEXICO, R Mil DF good with Spanish love songs — JSB 2/6
6020 0930 AUSTRALIA, R Australia with messy audio in EE — JSB 17/5
6030 0833 USA, R Marti fair in Spanish with spoken prgm, I/S 0859, decreased signal from 0900 — KVB 6/5
0922 CHILE, R Santa Maria (tent) fair/poor in Spanish with spoken prgm and music. Possible ID 0923, but Marti dominant from 0940 — KVB 5/5
6035 0620 USA, VOA fair in EE with sports results — KAB 20/5
6040 0850 BRAZIL, R Clube Paranaense fair in Portuguese music, prayer, ID/freq jingle 0901 — KVB 28/5

6060	0907	ARGENTINA, R Nacional fair in Spanish with spoken prgm, several IDs 0907/0912 — KVB 28/5	0531	ASCENSION IS, BBC WS poor with African news in EE — GLR 24/5
6065	1935	SWEDEN, R Sweden v good in EE with 60 Degrees North, into Swedish at 2000 CRC/BW 26/5	7165	0513 ??? Radio Liberty fair/good in what sounded like Russian — GLR 24/5
6080	0507	SAO TOME, VOA fair in EE with news, ID 0513 — KVB 30/5	1930	POLAND, R Polonia fair in EE with Euro Peace prgm, address 1956 , freq cblocked from 2001z // 9540poor, 6180, 9760 weak — BML 2/6
6090	0718	CHILE, R Esperanza fair in Spanish with a variety of music and relig items. Slight QRM from Caribbean Beacon in EE. ID 0832 — KVB 6/5	7170	2000 STH AFRICA, AWR fair with s/on in French — RC 4/5
	0901	CHILE, R Esperanza fair in Spanish with music and talk, ID 0903 — CC 6/5	7180	0500 MOROCCO, VOA v good in Albanian, usual EE IDs, Serbian at 0530 RP 9/5
6100	1929	YUGOSLAVIA, R Yugoslavia with IS and opening in Serbian (Sat only), fair. In French at 2030 poor due to noise — BDC 19/5	0530	MOROCCO, VOA with news in EE and ID at 0600 — GLR 25/5
6105	0924	BRAZIL, R Cancao Nova fair in possible vernac/Portuguese, music, ads, prayer, I/S 0927/0930 — KVB 29/5	7200	1920 YUGOSLAVIA, R Yugoslavia gd clear in Spanish, full ID at close 1927 BDC 17/5
	1730	GERMANY, R Liberty v strong in Russian, ID 1759 then VOA ID and into Russian again at 1800 — CRC	7205	2114 CYPRUS, CYBC fair in Greek // 6180 & 9760. 30 min prgm Fri, Sat, Sun BML 2/6
6110	0610	ITALY, V of Med poor in EE with local news — KAB 19/5	7230	0625 JAPAN, R Japan weak in EE with Weekend Squares prgm // 15195, 21755 better KAB 20/5
6115	0830	JAPAN, R Tampa v good in Japanese with easy listening music, good ID at 0859 — RP 14/4		1915 STH AFRICA, AWR via Meyerton fair in Afro lang to s/off at 1930 with ID RC 4/5
6135	0911	BRAZIL, R Aparecida fair in Portuguese with pops ads, ID jingle 0916 KVB 13/5	2200	YUGOSLAVIA, R Yugoslavia v strong in EE with ID and news — LM 21/5
	2030	STH AFRICA, BBC fair at s/on in Portuguese from Meyerton — RC 4/5	2200	YUGOSLAVIA, R Yugoslavia good in EE with news and pop music. Faded to fair by 2300 — AMQ 26/5
6155	0443	AUSTRIA, R Austria Intl good in German with orchestral music // 13730 CC 5/5	7235	2030 AUSTRIA, Everest Radio strong with Nepalese announcements and music, 2049 EE ID address in London — LM 20/5
6160	0810	CANADA, CKZU with Sports news prgm in EE , CBC ID mentioning outlets 89.5MHz, then into usual classical music — LM 19/5		2030 AUSTRIA, Everest Radio good in Nepali. ID at opening and at 2111, announcements in EE 2119 — 2121, close 2130 — BML 2/6
6165	0520	NETH ANTILLES, RN poor in EE with discussion, steady QRN & QRM, hard to copy // 9590 better — CC 29/5	7245	2000 ANGOLA, R Nacional Mulenvos 2000 fanfare ID in Portuguese the Afro music, different prgm noted on 4950 — LM 20/5
6175	0627	USA, BBC WS via Delano with sports news, good in EE with slight het KAB 20/5	7250	0730 USA, WYFR fair in unid lang, mentioned Family Radio, off at 0745 GLR 31/5
6180	0755	BRAZIL, R Nacional da Amazonia fair in Portuguese with music, jingles, phone-in, ID as "Radio Bras" 0801/0902 — KVB 29/5	7255	0600 NIGERIA, with comment on Afro dance music in EE, strong with usual bad modulation — LM 19/5
6185	0720	MEXICO, R Educacion fair/good in Spanish with non-stop male singers, ID 0728, some QRN — CC 7/5		0600 NIGERIA, V of Nigeria in the clear with EE news after Afro music — JSB 30/5
6190	2000	STH AFRICA, BBC fair at best , mixed with others - RC 4/5	7260	0625 VANUATU, R Vanuatu good with news in EE 0700 — TTS 2/5
6231.5	0358	ITALY, R Speranza poor due to heavy ute QRM , best in USB, male in Italian with sermon until 0400, then IDs and news — PWO 20/5		0810 VANUATU, R Vanuatu good/excellent in Bislama — GLR 28/5
6306.30	3030	UNID, possible Euro pirate, continous vocals without announcements, fair but some Ute QRM and noise — RAD 22/4		0930 VANUATU, R Vanuatu relig prgm in Vernac, ex 4960, 3945 absent LM 14/5
6458.50	533	PEURTO RICO, AFN good in USB with news in EE // 10320 — GLR 4/6		0845 VANUATU, R Vanuatu v good in Bislama with island music and National Bank show, ex 4960. 3945 not heard. 7260 also heard at 2124z. — KAB 24/5
	0926	USA, AFN Puerto Rico v fair on USB in EE with sports news and results. ID as National Public Radio — KVB 3/5	7275	0517 TUNISIA, R Tunisienne good in Arabic with chanting // 7110 — CC 4/5
6520	1633	NTH KOREA, V of Korea good with EE news — BML 2/5	7285	2255 MADAGASCAR, RN fair with announcements in Indonesian — GLR 1/6
6750	1830	SOMALIA, R Mogadishu on USB strong with political comment in Somali dialect. 1845 ID R Hargeisa Telecom Somalia, 7530 noted poor different prgm LM 19/5	7290	0525 UK, R Canada Intl good in EE with discussion on RCI, some QRN — CC 4/5
7120	0431	UK, BBC WS with sung ID and African news in EE — GLR 24/5	7295	2215 MALAYSIA, Radio 4 strong in EE with pops , promos to advertise RTM LM 20/5
7130	0448	CYPRUS, BBC WS fair in unid lang menti of Tibet, ID at close at 0459 GLR 24/5	7315	0815 USA, WHRI fair with female in relig prgm in EE // 5745 — GLR 28/5
	1930	STH AFRICA, AWR via Meyerton fair at s/on in Ibo — RC 4/5	7325	2030 UK, Wales Radio Intl v good at s/on 1/6 (Fri only) with 30 mins prgm about Wales. Lots of transmitter breaks during first 18 mins. — BDC 1/6
7135	0521	???, RFI good in Arabic then into French at 0530 — GLR 24/5	7345	1828 SLOVAKIA, R Slovakia Intl IS, ID in EE , freq details then into Russian CRC6/4
7150	0425	ITALY, RAI good in EE after IS, ID then Italian news — KAB 21/5	7375	0820 USA, KAIJ fair with relig prgm in EE // 5755 — GLR 28/5
7160	0149	ALBANIA, R Tirana fair in EE with Albanian news, noisy, ID 0153 — CC 28/5	7410	1751 INDIA AIR gd in EE with singing and ID, some noise // 9950 much wkr CC 13/5
			7415	0350 USA, WBCQ good in EE with listener related prgm — Tom & Darryl — BML 3/6
				0540 USA, WBCQ fair in EE with relig prgm, some QRN — CC 4/5
			7445	0230 COSTA RICA, RFPI good on new freq with talk in EE on climate change JSB 16/5
			7510	0625 USA, KTBN good in EE with gospel music — KAB 20/5
				0720 USA, KTBN fair with relig prgm in EE and address — GLR 31/5

Thanks to all the contributors for this month. I would like to see a lot more contributions, be they **anything** below 9 MHz. Your input is always welcome. Some good input this month with some new stations for us to log. Just read a note on the Internet at "hardcoredx". There has been a 17% reduction in tropical band stations over the past year, so if you want to hear them, don't wait too long as they could be all gone — to FM mainly. Greetings to new contributors George Rolton, and Richard D'Angelo. Bill, I am at last getting Poland. 73's, Ken Baird

CONTRIBUTORS FOR THIS MONTH

AMQ — Andy McQueen, Trentham, Sony 6800, 40m wire : **BDC** — Bryan Clark, Auckland, AOR 7030, Alpha Delta Sloper : **BML** — Bill McLeod, Christchurch, NRD 545, various wires and baluns : **CC** — Cliff Couch, Paraparamu, ATS 803A, 60m horizontal loop, 2x30m wires N/S & E/W : **CRC, CRC/BW** — Colin Campbell, Colin with Brent Walsh, Hamilton, DR31 and attached whip : **DN** — Dave Norrie, Howick, Auckland, AOR 7030, T2FD, 25m longwire with balun, 12m vertical: **GLR** — George Rolton, Hampden, Nth Otago, FT 101ZD & 250 m wire for 7MHz, DX 302 & 30m wire & 10m vertical for the rest : **IC** — Ian Cattermole, Blenheim, JRC NRD535, T2FD, Alpha Delta : **JSB** — Jon Standingbear, California, JRC NRD 345, Palstar R30, long wires and dipole : **KAB** - Ken Baird, Christchurch, R5000 & 20m wire, Drake SW2 & Eavesdropper trapped dipole : **KVB** — Kevin Brayshaw, Levin, Collins 51J4, horizontal HF Loop : **LM** — Leigh Morris, Coorong Natl Park, Australia, Icom R75, Beverage, long wires : **RAD** — Richard D'Angelo, PA, USA , Drake R8B, Lowe HF 150, Alpha delta sloper, Rf Systems Mini Windom, Datong FL-3, JPS ANC-4 : **RC** — Ray Crawford, Queensland, Australia, Drake SPR4, Sangean 818, Beverage and dipoles : **PWO** — Paul Ormandy, Oamaru, SPR4, numerous antennas : **RP** — Robert Park, Wellington, R 1000, 40 ft longwire : **TTS** — Tristram Speedy, Auckland, FRG 7700, 55m wire N/S.

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Compiled by
Andy McQueen
Trentham, Upper Hutt

Hello from Trentham where winter has come with plenty of rain and wind and when there is no wind there is either fog or frosts. But the fog is not near as bad as what I can remember of Hamilton where I grew up. A special welcome to our new contributors Richard D'Angelo of the USA and George Rolton from Hampden North Otago. The shortest day of the year is upon us and gives the opportunity to do some good daytime listening All times are UTC

KHZ	TIME	COUNTRY	STATION & PGM DETAILS	INITIALS
9365	0240	RUSSIA?	RFA Fair/good in Chinese dialect 27/5 CRC	
9400	0208	BULGARIA R	Bulgaria Fair with News about Bulgaria Id @ 0209 // 11700 the same 28/5 CC	
	0230		Strong in EE/FF discussion on thermal therapy in Bulgarian Society 27/5 CRC	
9435	0400	ISRAEL	Kol Israel V/strong in EE Nx // 15640 good & 17545 strong 27/5 CRC	
9440	0205	SLOVAKIA R	Slovakia Int. Strg in FF Id in FF and Slovak @ 0227 then off 27/5 CRC	

9445	0415	TURKEY	VOT At good level in Turkish // 9460 & 21715 both good HJS	
9445	2005	SWEDEN R	Sweden Strong in EE with News and Id at 2014 26/5 BW	
9460	0300	TURKEY	VOT Strong in Turkish with T/S & Id then News // 9445 better CRC	
9470	0504	GERMANY	Voice of Croatia Excellent signal with daily 5 minutes of News in EE also at 0504 0644 1/6 BML	
9475	0203	EGYPT R	Cairo Poor with Indigenous Mx Some distortion 28/5 CC	
9475	1000	USA	Emerald Radio Ireland via WWC fair to good //5070 4/5 RC	
9495	0253	SWEDEN R	Sweden Strong in EE with report on 'Violence in Today's Society' Id at 0257 and off 0259	
	0530		Strong in Swedish with report on Swedish Theatre Stockholm off 0600 23/4 BW	
9510	1950	SOUTH AFRICA	TWR via Meyerton good with hymns Language Nupe 4/5 RC	
9510	2130	NORWAY R	Denmark V/good in Danish to S/off at 2155 25/5 RP	
9515	0350	USA	BBCWS relay via Delano Ca. Fair in EE with recording of Nelson Mandela London speech Off 0259 5/5 KVB	
9535	1703	SOUTH AFRICA	TWR via Meyerton good at s/onwith Relig tlk in Amharic 4/5 RC	
9540	0400	SPAIN	REE Very strong in SS to the Americas //9620 also good 1/5 HJS	
9540	2036	UZBEKISTAN R	Tashkent Fair in EE with Listeners letters 2/6 BML	
9550	1745	BANGLADESH	Bangladesh Betar Fair with Id and music rather noisy 13/5 CC	
9565	0757	BRAZIL R	Tupi Fair in PP spoken items and local pop Mx. Id at 0800 3/5 KVB	
9570	0315	QATAR	QBS Doha? Arabic pgm but no clear Id 27/5 CRC	
9575	0430	USA	VOA Greenville V/good in EE with Daybreak Africa 16/5 RP	
9580	0900	PHILIPPINES	PBS Maralus Good in Filipino with commentary on Trade delegations 20/5 LMM	
9595	0900	JAPAN R	Tampa Good in JJ with lovely music and Id's //6055 5/5 RP	
9620	0330	SPAIN	REE Strong in SS and // 15160 but not // with 9540 Also heard here at 2320 27/5 CRC	
9630	2030	SEYCHELLES	BBCWS Gd sig in EE with 'Newshour' GRM from RAI at 2025 5/5 RP	
9640	0350	UKRAINE	RUI Fair in EE with Mx pgm //13590 not there 27/5 CRC	
9640	0400	CANADA	D/Welle via Sackville Excellent signing on in GG 21/5 RP	
9650	1700	SOUTH AFRICA	TWR via Meyerton good in Juba to s/off at 1715 4/5 RC	
9660	2019	VATICAN CITY	Vatican Radio Good in EE to Africa Into FF at 2030 26/5 HJS	
9665	0939	SINGAPORE R	Singapore Int. Fair in Indonesian or Malay How do to you tell the difference? with regional Nx and pop Mx Id 0945 6/5 KVB	
9675	2015	??	World Beacon Fair/Good to Africa but best on LSB Mode 23/5 HJS (Could be Gt Britain but they were hoping to use Dubai Your QSL will tell - Ed)	
9680	0335	USA R	Taipei Int. via WYFR relay Good in EE over R Liberty at times 27/5 CRC	
9690	0600	NETH	ANTILLIES? D/Welle via Bonaire? Excellent in GG with l/sig and Id 21/5 RP	
9725	0230	RUSSIA	VORWS V/good in EE with Id at S/off at 0300 24/5 RP	
9737	0819	PARAGUAY R	Nacional Poor in SS with rough carrier Animated announcer and upbeat music Id 0822 & 0829 3/5 KVB	
9745	0400	ECUADOR	HCJB Poor/Fair in EE with Nx Mixed with possibly RFI 1/5 HJS	
9745	2000	SOUTH AFRICA	AWR via Meyerton fair at s/on in FF 4/5 RC	
9760	2214	CYPRUS	CYBC Gd inGreek // 7205 & 6180 30 minpgmFri/Sat/Sun only 2/6 BML	
9765	0400	RWANDA?	D/Welle Kigali? Fair in EE item on Taumarnui's Earthquake 25/5 RP	
9790	0630	NETHERLANDS	ANTILLIES? R Nederland V/good in EE 12/5 RP	
9795	0354	CANADA	V of Vietnam relay Good with Vietnamese Music session Some dis	

tortion 27/5 CC

9770 1500 SRI LANKA R Sri Lanka Excellent with News in EE 2/5 BML

9870 0300 CZECH REPUBLIC R Prague Fair in EE with Id and S/off 0330 12/5 **RP**

9925 1745 BELGIUM RVI Strg in EE NX Brussels weather 1753 //5910 not there 29/5 CRC

9925 2304 GERMANY Voice of Croatia with 5 min broadcast of News in EE also on at 2304, 0044 0104, 0244, 0304 & 0446 3/6 BML

9955 2210 BULGARIA R Varna Fair/good in Bulgarian to close at 0300 Sun only 13/5 BML

10320 0615 USA? ARTS Gd to Ex in EE in SSB mode with News from Washington // 6460 GLR

11100 2020 CHINA CNR1 V/good in Chinese Service to Taiwan with Chinese Mx Love that Chinese Music 27/5 HJS

11600 0400 BULGARIA R Bulgaria V/good in Bulgarian to Sth America // 9500 Poor HJS

11600 0630 NORWAY R Denmark V/good in Danish 12/5 **RP**

11600 2030 CZECH REP R Praha Opens after multi lingual Id's in unknown lang 2/5 HJS

11615 0045 CZECH REPUBLIC R Praha Fair/good in EE to Sth America with old Andrews sister numbers 9/5 HJS

11680 0700 ECUADOR HCJB Good in EE to Europe 12/5 **RP**

11685 1000 SINGAPORE RTE At good level in EE but with co-channel QRM 26/5 **HJS**

11720 0526 SOUTH AFRICA Channel Africa Gd in EE talk about OAU Id 0528 and off 18/5 CC

11720 1840 PHILIPPINES R Pilipinas with News in EE and Filipino (Tagalog - Ed) CRC

1910 Pgm on the farming of fish - Carp TTS

11730 0300 SEYCHELLES BBCWS relay good in EE to East Africa 10/5 HJS

11730 0800 USA WHRA V/good signal in EE with religious pgm 19/5 **RP**

11730 1440 JAPAN NHK/R Japan V/good in English JSB

11745 2100 CHINA CBS V/good in Amoy Chinese at S/on 2100 5/5 **RP**

11750 0430 RUSSIA VORWS V/God in EE with item on MIR 7/4 **RP**

11755 0901 ECUADOR HCJB V/good in EE with Nx "Colombian Soccer coach shot by club official" 0907 Peter Brooks with Mission Network Nx Id 0903 10/5 KVB (Should we have done the same to the last All Black Coach???? - Ed) 10/5 KVB

11785 0200 RWANDA ? D/Welle Strong in GG mixed with another signal Iraq? CRC

11795 0700 GERMANY D/Welle Nauen Good in German // 13780 7/4 **RP**

11800 0839 CHINA CPBS Beijing Fair in CC Female announcer and easy listening Mx 0900 time signal and Id 10/5 KVB

11800 2020 ITALY RAI Good signing off in unidentified language then opens in EE to Near East S9 with slight QRM 8/5 HJS

11810 2045 JORDAN R Jordan Excellent in AA with time signals Id and Nx 13/5 HJS

11830 0500 AUSTRIA AWR via Moosbrunn Good in AA after EE Id at S/on 21/5 **RP**

11835 1600 MADAGASCAR R Nederland Fair in EE to 1625 13/6 JSB

11840 0300 UKRAINE R Ukraine Int. Poor in EE S/on at 0300 21/5 **RP**

11865 2100 GERMANY D/Welle Wertachel Good in EE 5/5 **RP**

11870 0429 YUGOSLAVIA R Yugoslavia reactivated V/good in EE to Close 0457 Also heard weakly between 2330-0030 20/5 BDC

11895 0330 SWEDEN R Sweden Opening in EE with Id 27/5 CC (as reported last month this is relay via Sackville Canada - Ed)

11900 2100 BULGARIA R Bulgaria Good in EE but fading News & weather 25/5 **RP**

11915 2100 SRI LANKA D/Welle Trincomalee Good opening in EE 30/4 HJS

11925 0600 PORTUGAL D/Welle Sines Good in EE with 'Newslink' pgm 5/5 **RP**

11930 0917 PHILIPPINES? VOA Fair in EE item Amnesty Int. & sports results Id 0928 31/5 KVB

11965 0400 USA VOA Greenville Good in EE with News 4/5 **RP**

11970 0500 SOUTH AFRICA AWR Fair with S/on in EE and then African lang pgm 7/4 **RP**

11975 0500 FRANCE RFI Good signing on in FF with l/sig and Id 24/5 **RP**

11980 0130 RUSSIA R Rossi V/good in RR with R Rossi Id and some great Mx 9/5 **RP**

11990 1835 KUWAIT R Kuwait Fair in EE with World News Id at 1841 8/5 CC

12035 0400 GT BRITAIN? BBCWS Good in EE with 'The World today' 14/5 **RP**

12035 0707 SPAIN REE Good in Spanish GLR

12050 0715 EGYPT R Cairo Poor with Arabic music GLR

12080 0520 USA? VOA Spots results then comments on BBC stopping broadcasts to Nth America Subject to QRM from R Australia on same freq after 0558 GLR R Australia dominant with VOA still there 0725 GLR

12080 1200 AUSTRALIA R Australia Good in EE with commentary on USA presence in Okinawa JSB

12085 1029 MONGOLIA V of Mongolia Fair in EE with l/signal followed by a women with opening Id and announcements then News 24/4 RAD

2015 Good in English 10/5 **HJS**

12085 2340 SYRIA R Damascus? Strong in Spanish but no Id heard 30/5 CRC

12095 0550 GT BRITAIN BBCWS Good in EE report on making whiskey on Isle of Iona GLR

12105 0252 GREECE FTH Good in Greek with Announcements and Music // 9420 13/5 CC

2030 Fair in Greek and // 15630 and 9420 21/5 **RP**

12160 0256 USA WINB Fair in EE with religious pgm. Id at 0258 Scratchy 13/5 CC

12256.40630 IRELAND? Wreckin Radio Eire Poor with oldies pop music in EE At 0701 Id and mail drop address 20/5 LMM

13570 2200 USA WINB Poor in EE with Id at 2226 5/5 **RP**

13610 0303 FRANCE RFI Fair in FF with spoken items // 11700 & 9825 weaker 13/5 CC

13610 0910 PHILIPPINES or NTH MARIANAS? VOA Fair in EE with comments on US - China relations 8/5 CRC

13620 2213 AUSTRALIA R Australia Darwin Fair/good in EE Heavy echo on signal 19/5 **HJS**

2340 Fair with interview for telephone time Moved to 13625 at 2400 which was stronger 30/5 BW & CRC

13645 0358 GT BRITAIN BBC in RR or Ukrainian with usual l/sig and Big Ben Time signals Id 0402 31/5 KVB

13690 1850 GT BRITAIN RCI via Skelton relay Fair in EE with 'Canada Today' but has splash from CC Language stn on 13685 Id at 1859 13/6 AMQ

13700 1859 HOLLAND R Nederland Good in Dutch with id and frequency at 1900 CRC

13710 0952 RUSSIA R Nederland Good in EE 27/5 CRC

13710 1600 BOTSWANA VOA Good in EE with News now pgm and at 1630 Africa World Tonight 12/6 JSB

13720 0200 GERMANY D/Welle Nauen Good in EE with 'Newslink' pgm 15/5 **RP**

13800 0745 NORWAY R Denmark with pgm in Danish and Id at 0755 27/5 CRC

13810 0430 GERMANY R Africa Int. Excellent in FF with freq Id's //11775 5/5 **RP**

13820 0704 GERMANY V of Croatia with daily 5 min Nx in EE also on 0704 & 0844 2/6 BML

0800 Fair in EE with news then into Croatian pgm 8/5 CRC

13855 1915 GERMANY WYFR Strong signal with Gospel pgm in FF Id in EE at 2000 6/4 CRC

2100 V/good in EE with 'Open Forum' Id at 2130 also at 2030 on 15775 14/4 **RP**

15070 0304 HOLLAND R Alfa Lima (Pirate) Fair to good sig with deep fades Continuous rock mx At 0315 Id Male DJ and chatter address for reception reports 6/5 RAD
0605 Fair with dance music with Id at 0620 Heard through to 0700 20/5 LMM

15075 0405 INDIA AIR Strong in Hindi No trace of // frequencies 17/5 CRC

15095 0845 PHILIPPINES FEBC V/good in Indonesian with I/sig and Id 15/4 & 21/4 **RP**

15105 0645 ROMANIA R Romania Int. Fair in EE Fair in EE News Id 0649 Some background noise 4/5 CC
0804 Fair in EE with news of Romanian space venture with Russia //15180 fair Id 0214 & 0222 22/5 KVB

15135 0630 FINLAND YLE / R Finland V/good in EE with News 13/5 **RP**

15150 0804 NTH MARIANAS ISLANDS VOA Tinian relay Good in EE Nx Id 0806 22/5 KVB

15160 2030 NEW ZEALAND RNZI Good in EE with Pacific News 21/5 **RP**

15170 0350 SAUDI ARABIA BSKSA Strong in AA with Holy Koran 17/5 BW/CRC

15175 2234 ?? RFA Excellent in Asian language Cambodian? Three word Id almost whispered at 2230 as "Radio Free Asia" then off instantly 27/5 HJS

15180 0200 ROMANIA RR I Good in EE S/on with Pacific service 5/5 **RP**

15195 2100 AUSTRIA AWR Moosbrun Good In EE with Africa service 5/5 **RP**

15215 0430 AUSTRIA AWR Moosbrun Good S/on in EE then Farsi pgm 21/5 **RP**

15210 1800 MOROCCO VOA relay Strong in EE with baseball personalities 15/5 CRC

15225 0630 RUSSIA R Rossi V/good in RR with many Id's Children's pgm 15/4 & 5/5 **RP**

15225 1600 ASCENSION ISLAND VOA good in EE with Africa Tonight JSB

15250 0200 SRI LANKA Iranawala VOA Good in EE with Nx and sport 5/5 **RP**

15265 1700 CHINA CRI Excellent in EE with news ex 15265 kHz? JSB

15295 1338 UZBEKISTAN R Tashkent Fair in EE with station details then music // 17795 weaker 21/5 CC

15310 0050 THAILAND BBCWS Fair/good in EE with 'World Today' 27/5 HJS

15310 0300 OMAN BBCWS Good in EE with 'Talking Point' pgm 7/5 **RP**

15315 1828 GT BRITAIN RTE Ireland discussion on Ireland and off at 1830 21/5 CC

15330 0833 GUAM KTWR Good in EE with advise from Pastor Adrian Rogers on how to handle conflict. Id at 0856 22/5 KVB

15335 0815 GUAM KTWR V/strong in EE with gospel pgm 29/5 CRC

15340 0100 ROMANIA RRI Strong opening in PP with full Id. Also noted at 0246 in EE with DX Mailbag 29/5 HJS
0200 Fair signing on in EE then letters pgm 21/5 **RP**

15345 2308 ARGENTINA R Nacional Gd in SS with interviews and ads. Id @ 2317 13/5 KVB

15410 0750 AUSTRIA ORF/RAI EE pgm with interview on differences between Govt and Business S/off at 0800 20/5 CRC

15415 0800 AUSTRALIA R Australia Strong in EE with News of QANTAS seeking to buy Air New Zealand What else does Aussie want to gain control of? 29/5 CRC Also on // 17580 and 17750 (They want to buy our Netball players now - Ed)

15425 0245 SRI LANKA SLBC Weak in EE with Music and Time 6 hours behind NZ 13/5 CC

15445 0501 GERMANY R Ecclesia Angola via Julich Good in PP Id as "Emisora Catolica de Angola" 13/5 BDC

15445 2130 USA? VOA Good in EE with Dateline pgm S/off at 2200 25/5 **RP**

15455 2030 RUSSIA VORWS V/good in EE with Moscow Mailbag 22/5 **RP**

15470 0340 CZECH REPUBLIC R Praha V/good in EE 18/5 **HJS**

15545 2140 CZECH REPUBLIC R Praha Good in EE 17/5 HJS

15560 0400 NETHERLANDS ANTILLIES RVI via Bonaire Only fair EE 'Brussels Calling' 18/5 **HJS**

15565 0400 NETHERLANDS ANTILLIES R Nederland via Bonaire In EE to Nth America nut severe QRM from RVI on 15560 OK on USB 18/5 HJS

15565 0425 NETHERLANDS ANTILLIES RVI via Bonaire Strong signal tended to be plotted out by R Nederland relay at Madagascar splash on 15650 27/5 CRC

15575 0400 OMAN BBC relay V/good in EE with the 'World Today' 19/5 HJS

15670 1738 GERMANY Voice of Democratic Eritrea (Tentative) Clandestine station via Julich with mainly talk pgm followed by a possible Id and news features including telephone interview Fair signal 30/4 RAD

15705 0920 NORWAY R Norway Strong in Norwegian followed by Danish at 0930 17/4 CRC

15760 2330 ISRAEL Kol Israel? Tentative good signal in Hebrew 13/5 **RP**

15775 1835 GERMANY WYFR Strong in Italian gospel pgm to 1900 and I/sig 16/4 CRC

15794.90650 BELGIUM R Borderhunter (Pirate) Fair with oldies pop 20/5 LMM

17505 1334 SWEDEN R Sweden Fair with Stockholm weather report 21/5 CC

17635 0157 GUAM AWR Good in EE with easy listening religious Mx. Off at 0158 26/5 KVB

17635 0400 AUSTRIA AWR Moosbrun Poor with EE Id and then Urdu pgm 5/5 **RP**

17635 0700 RUSSIA VORWS Good in EE 5/5 and at 0830 on 17685 in EE 12/5 **RP**

17695 2250 CANADA RCI Sackville Poor/Fair to Americas On sat & sun only 6/5 **HJS**

17720 0200 FRENCH GUIANA CRI V/Good in SS with many Id's 9/5 **RP**

17725 2035 LIBYA V of Africa Poor/fair in EE with frequent Ids 6/5 HJS

17740 0500 MADAGASCAR RCI relay V/good in EE 25/5 **RP** (your lucky as RCI has now cancelled their 0500 broadcasts to Africa and Europe- Ed)

17755 1650 SPAIN REE Fair in SS with pop music Some QRM & QRN TTS

17760 0550 SINGAPORE BBC Poor signal which comes in when UAE goes off TTS
0705 Fair signal in EE with World Service pgm 29/5 CRC

17770 0658 SPAIN REE T/S and Id in SS then News V/strong signal to past 0800 29/5 CRC

17780 0650 HAWAII KWHR Good signal in EE with gospel pgm thru to 0850 25 & 29/5 CRC

17790 0159 ROMANIA RRI Poor/fair in EE to N America with economic comments some co-channel QRM from BBC Id 0200 26/5 KVB

17800 0500 FRANCE RFI V/good in EE Good to hear at this time of day 8/5 **RP**

17805 0007 ROMANIA RRI Good in SS with Nx and Mx plenty of Id's and several references to Argentina 0025 Sked and "Hasta Manana" 0029 Full address including phone & Fax 26/5 KVB

17815 0136 ROMANIA RRI Good in possibly PP with reedy sounding Mx 0148 Slight QRM behind 0154 Id and address 0156 I/signal and off 26/5 KVB

17820 0900 SRI LANKA D/Welle Strong in EE with Id Noted with some QRN 25/5 CRC

17845 0515 INDIA AIR Strong in AA but no Id 29/5 CRC

17855 0950 PHILIPPINES VOA Strong in Mandarin & EE Good until 1000 when jammed CRC

17860 2100 SINGAPORE NHK/R Japan V/good in EE to Oceania 6/5 HJS

17865 0708 RUSSIA VORWS Strong signal in EE with News 29/5 CRC

17880 0515 NTH MARIANAS ISLANDS RFA Saipan Fair signal in Uighur Tentative Jammed at times 29/5 CRC

17895 0400 SRI LANKA VOA Good in EE with News 5/5 **RP**

18910 2050 USA WSHB Fair/good on Sundays with church service 6/5 HJS

21455 0500 ECUADOR HCJB Fair in EE with gospel pgm 29/5 CRC

21495 0450 SAUDI ARABIA BSKSA Strong in AA with Holy Koran chanting 29/5 CRC
 21550 2355 CHILE R Voz Christiana Fair in Spanish 29/5 CC
 21560 0800 SOUTH AFRICA Sth African Radio League Good with Id at 0800 and comments
 on amateur radio 20/5 LMM
 21560 0900 GERMANY D/Welle Poor in EE with Talking point 7/4 **RP**
 21645 1815 FRANCE RFI Good in Spanish JSB
 21670 2100 JAPAN NHK/R Japan Good in EE and noted not in // 17825 JSB
 21680 0302 AUSTRALIA Christian Voice International Darwin Fair in EE with id and Gospel
 pgm At 0359 Slight pause and R. Australia in Indonesian BDC
 21680 0010 AUSTRALIA R Australia Good in Indonesian s/off at 0030 22/5 RP
 21690 0300 USA? RFA Fair in?? with S/on Id and Email address 25/5 **RP**
 21715 0411 TURKEY VOT Gd Turkish with Music, comments //9445 & 9460 weaker 6/5 CC
 21725 0420 AUSTRALIA R Australia Strong in EE with women's issue pgm 29/5 CRC
 21770 0830 SWITZERLAND SRI Sottens Fair in EE with S/on announcements 5/5 **RP**
 21780 0400 MARIANAS ISLANDS? R Australia via Tinian V/good in Indonesian 7/5 **RP**
 21795 0537 THAILAND R Thailand Fair with Id and News headlines 29/5 CC
 21800 1800 PORTUGAL RDP Good in Portuguese JSB

Thanks very much to all this month's and last months contributors. You have helped make it a bumper edition. Please note that I have changed how stations reported these are now shown eg. **HJS**

I would also like to thank the boys at Shag Valley for a great time and great DXing over Easter. It was just a pity that the noise source wasn't sorted out until the last night.

You can contact me via PO Box 3011 Auckland or direct at:
 36 Brentwood Street Trentham Upper Hutt or you can use the E-mail address as listed above
 73's
 Andy McQueen

SHORTWAVE EXCHANGE

AMQ Andy McQueen Trentham Upper Hutt Sony 6800W 30m long wire/ **BC** Bryan Clark Mission Bay Auckland AOR7030+ / **BML** Bruce McLeod Christchurch NRD545 and wires with baluns / **BW** Brian Walsh Hamilton National DR31 and whip / **CC** Cliff Couch Paraparaumu Sangean ATS 803A with 60m horizontal loop / **CRC** Colin Campbell Hamilton National DR 31 and whip
GLR George Rolton Hampden North Otago with RealisticDX302 and 100 ft longwire and 30ft vertical/ **HJS** Jack Searle Haumoana Hawke Bay Icom R71 with 100m longwire & 19m & 60m dipoles / **IC** Ian Cattermole Blenheim JRC NRD535 & T2FD Alpha Delta Sloper / **JSB** Jon Standingbear Beaumont California USA/ **KVB** Kelvin Brayshaw Levin Collins 51J4 and HF loop / **LMM** Leigh Morris DXing from Cooyong Nat Park Sth Australia Icom R75 with beverage and long wire / **RAD** Richard D'Angelo Wyomissing PA USA rake R8B Lowe 150 Alpha Delta DX Sloper RF Systems Mini-Windom Datong FL3 JPS ANC4 / **RC** Ray Crawford Brisbane Australia / **RP** Robert Park Lower Hutt Kenwood R1000 and 40ft long wire / **TTS** Tristram Speedy Manurewa

A REMINDER that the **CONTINENTS LISTINGS** will appear again in the **AUGUST EDITION OF THE NZ DX TIMES**. The **featured continent is AUSTRALIA/ NEW ZEALAND**. As a challenge how about you send in a few of the stations you have heard since 1990 along with your updated totals????

ANDY MCQUEEN Continents Listing Sub-Editor.

shortwave.mailbag@radiodx.com
 Compiled by
 Laurie Boyer
 Invercargill

A better month this month for notes. Keep them coming in. First up is **Jack Searle Haumoana** with Radio Japan via Singapore 17860, WYFR via Julich 13855, 15775 Radio Difusao Portuguesa 21830 Radio Bulgaria 7500, Radio Canada Sackville 17695, Radio Taipei International 15600 with a nice ball point pen, Sana'a Radio Yemen Republic 9780. A nice varied list Jack.

Next up is **Robert A Park Lower Hutt** with AWR Julich 15640 Radio Vlaanderen Bonaire 13660, NHK Yamata 21755, Deutsche Welle Trincomalee 15205, Voice of Greece Delano 11900.

Now for **John Durham Tauranga** Who has Alfa Lima 21890, Radio Studio Russia 6230, HCJB Rampisham 12025, Channel Africa 11720, Radio Africa International via Julich 13820, AFN Hawaii 6350, AFN Key West 12689.

Paul Ormandy Oamaru Has a good list of Pirates with Laser Hot Hits Ireland 7459, Radio Black Arrow Holland 15807, Radio Dr Tim via Radio Cochiguaz 11440, Radio Cochiguaz 11440, Wrekin Radio International 12256.

Ray Crawford Brisbane With a large list WYFR 18980, Voz Cristiana 17860, AFRTS Diego Garcia 4319 [em] Hawaii 6350 [em] Sigonella 10940.5 and 4993 [em] Guam 13362 [em] WSHB 9860 VOA Wooferton 5985, Botswana 9775, Philippines 17735 and 17820, Moscow via Samara 12010 Krasnodar 12030, Petropavlovsk-Kamchatsky 17595 Prague 21745, 15545, Greece 21530, Radio studio Gardarika 7370, Vatican 15595, Denmark via Kvitsoy 11600, HCJB 17660, 9780, 21455, AWR via Meyerton 9535, 9650, Switzerland via Julich 17865, Radio Africa International 13810, Voice of Africa Libya 17725.

David Norrie Auckland Has Radio Spaceman 6289, Wrekin Radio International 12256, Radio Marabu 6210.

Ian Cattermole Blenheim Has Swiss Radio International via Julich 11910, VOA Sackville 17875, 15390, RFPI 7445[em] Radio Marti 7405, 9805 5980 [em] Borderhunter 15795 [em] Radio Deutsche Welle Petro 5905, Irkutsk 7400, Novosibirsk 15490, Germany 17845, 17650, Sri Lanka 21790 Moscow 9480, Radio Bulgaria 7200, 7500, AWR Meyerton 5960, 6015, 15345 [em] HCJB 11680.

Stu Forsyth England Has no veries in but eleven reports out. Keep it up.

Best of month Over 9mhz Radio Black Arrow Holland 15807 70 watts **Paul Ormandy**
Best of month Under 9mhz Wrekin Radio International 12256 40 watts **Paul Ormandy and David Norrie**

AUSTRALIA: Beginning Sunday, May 13 and Monday, May 14, Radio Australia's English Service will once again be broadcasting from the 250kW facility at Darwin on the Cox Peninsula. Here's the schedule: 2200-0000 UT on 11880. 0000-0130 UT on 17775. The target is Asia. (GRDXC)

CANADA: Radio Sweden is using two frequencies for English broadcasts to North America via Sackville. 9755, 0230-0300. 11895, 0330-0400. Both are well heard in New Zealand. (Cattermole)

CZECH REPUBLIC: Radio Prague A01 period. English language broadcasts. 0000-0027* 7345, 11615 –North America. 0100-0127* 5915, 7345–North America. 0300-0327* 7345, 7385 (via WRMI) 9870–North America. 0330-0357* 11600, 15470–ME As. 0700-0727* 9880, 11600–Europe. 0900-0929* 21745–As Af. 1030-1057* 9880, 11615–Europe. 1300-1329* 13580, 21745–Af NA. 1600-1627* 5930, 21745–Eu Af. 1700-1727* 5930, 21745–Eu Af. 2000-2027* 5930, 11600–Eu As Pac.– 2130-2157* 11600, 15545–As Pac Af. 2230-2257* 11600, 15545–North America. (GRDXC)

ETHIOPIA: [not ERITREA] Schedule of Voice of the Revolution of Tigray sent by director of VORT: Mon-Fri 0400-0500, 1930-1030, 1500-1900. Sat & Sun 0400-0900, 1100-1630. Freqs: 5500 and 7515, power 10 kW. (Rudolf Krumm, Germany, WWDXC)

GERMANY: Radio Ecclesia from DTK Julich to Angola in Portuguese. A01 schedule is: 0500-0600, 1700-1800. 15775. This transmission has not as yet made an appearance as scheduled. Would pay to keep a watch on this frequency over the above times. (Cattermole) And the latest on this one;

Acc to Ralf Weyl of DTK Juelich Radio Ecclesia did start broadcasting as promised but is now on different freqs than previously announced. Since 18 April they have been on an even expanded schedule: *17655 0500-0559— 1567.. *15230 1700-1759 —1567. *17660 1700-1759 —123567. *13810 1800-1930 216 7. *15545 0500-0555 —1234567. *13810 1800-1859 123456. *13810 1800-2130 216 7. (DTK via Dr. Hansjoerg Biener-D, Germany, May 8, direct and via DXLD) Well, lets hope the Angolans knew about it ... Note day of week 1234567key as only 15545 is 7 days.

MYANMAR: Radio Myanmar English broadcasts. 0200-0230, 7185. 0700-0830, 9730. (MSSRAJU-DX News. India)

NEPAL: Radio Nepal English Broadcasts. 0215-0230. 1415-1430, 5005 & 7165. (MSSRAJU-DX News. India)

NORTH KOREA: Radio Pyongyangs new call since about February 16th, 01 is "Voice of Korea". Programmes in english language are given to following times (in UTC) and

frequency in kHz:

00:00 - 00:57 11460, 11710, 13760, 15180. 01:00 - 01:57 11735, 15230, 17735
02:00 - 02:57 11845, 13650. 12:00 - 12:57 09640, 09850, 09975, 11335, 13650
15:00 - 15:57 06575, 09335, 11710, 13760. 16:00 - 16:57 06520, 09660, 09975
19:00 - 19:57 06575, 09335, 11710, 13760. 23:00 - 23:57 15130 (GRDXC)

SERBIA/YUGOSLAVIA?: Nine months after the authorities in Bosnia-Herzegovina forced the closure of Radio Yugoslavia's transmitter site at Bijeljina, shortwave broadcasts resume today, 14 May. Broadcasts in English are scheduled as follows:

0030-0100 UTC (W) to c & e North America on 11870 kHz

0430-0500 UTC to w North America on 11870 kHz

1830-1900 UTC to W Europe on 6100 kHz

2100-2130 UTC to Europe on 6100 kHz

2200-2230 UTC (exc. Sat) to Australia on 7230 kHz

The full schedule in all languages is available on their Web site at www.radioyu.org (Andy Sennitt Media Network Radio Netherlands)

SRI LANKA: SLBC Radio Sri Lanka has been observed on new frequency of 9770 in English replacing 9730. 0030-0430. 15425 remains in parallel. (GRDXC)

Radio Deutsche Welle via Trincomalee. As from June 1st. RDW will be using 13640 instead of 13610 for their English transmission, 2300-2345utc to South East Asia.

Reports requested. (RDW frequency management)

TAIWAN: Radio Taipei International has a new unlisted frequency beamed to China in English on 11905. 1100-1200. (GRDXC)

And still with RTI here are frequency changes effective from June 1st. All English.

0200-0300 to S.E.Asia - 11825 will be replaced by 11740 khz

0200-0300 to Japan/Korea - 11745 will be replaced by 15345 khz

0300-0400 to S.E.Asia - 11825 will be replaced by 15320 khz

1400-1500 to S.E.Asia - 15125 will be replaced by 15265 khz

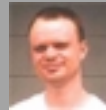
0300-0400 to Philippines - 11875 khz (new)

UNITED KINGDOM: BBC World Service (BBCWS) has announced that it is cutting its shortwave broadcasts to North America and Australia from 1 July. Mike Gardner, Head of Media Relations at BBCWS, gave the following explanation to Media Network:

"BBC World Service is committed to meeting the needs of all its audiences. It has record numbers of listeners (153 million a week) because it has been agile in delivering its services in more ways, with better audibility, to suit their individual needs over recent years. Audiences in these particular regions have already voted with their dials by migrating to higher quality FM broadcasts in their areas while the growth of online listening to World Service, particularly in America, is outstripping comparable Internet growth rates. We will be doing all we can to help audiences find a better way to listen which suits them through trails, online information, helplines and information in our magazine On Air.

We recognise that shortwave will be the major way most of our audiences listen to our services for a considerable time to come and it would be wrong to portray this as a retreat from shortwave broadcasting. World Service has already announced major investment in

shortwave, such as the new transmitter currently under construction in Oman which will enhance reception quality for millions of listeners from the Middle East across Central and South Asia. We also modernising our shortwave transmitters in Cyprus and Singapore.” (RN Media Network)



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Compiled by
Adam Claydon
Rotorua

Hi all. I hope it's as cold around the rest of the country as it is in Rotorua! Here's the FM news for the month including Sky TV and Saturn TV.

Auckland guardband stations Another Auckland guardband station heard for the first time today (4 June). Shore FM 100.6 is located on Auckland's North Shore. Plays mostly oldies vocals, including early rock and roll. Slogans heard include - "Timeless Radio for the Shore" and "Shore Radio, the Home of Frank Sinatra". Quite a few professional commercials, short news bulletins and weather. But the youthful announcers aren't perhaps ideal for the format - as in pronouncing Mel Torme's surname as Torm. Per their website, George FM Auckland is now relayed on 90.4 FM in Queenstown. (Bryan Clark)

Life FM in Hawkes Bay Per their 'Frequency' magazine, Rhema Broadcasting Group's Life FM is now broadcasting on 93.5 FM in the Hawkes Bay. (Bryan Clark)

Coast-Grown Coast-Wide West Coast Broadcasting Corporation, based in Hokitika, plans a 'coast-grown, coast-wide' local community station to be on air by August. Initially broadcasting to Hokitika, then north as far as Westport. Director Gary Bowering says frequencies are in place and that a new local station is viable. All programs will originate in Hokitika. (check of Frequency Register doesn't show them as owner, so they're obviously leasing) Assumed service is on FM, but Rhema outlets 1368 and 648 AM in Greymouth may be leased. (The Press via www.stuff.co.nz via David Ricquish)

Groovin' in Wellington Groove 88.4 Island Bay, Wellington says it has a new aerial system and location which should increase coverage ten-fold. Currently only heard in southern suburbs with cafe/jazz/standards format. (The Groove via David Ricquish)

Radio from the free polytech Invercargill has new 24/7 FM station, located at Southland Institute of Technology. Known as Efm 100.7 the station started April 28, and plays a broad mix of music unlike most student stations which program alternative music. (The Southland Times via www.stuff.co.nz via David Ricquish)

Strawberry fields forever Waimate in South Canterbury Rainbow Dairy building, xmitter will cover 10km radius from central Waimate. (South Canterbury News via www.stuff.co.nz via David Ricquish)

Coromandel stations join forces Four small independent stations in the Coromandel region are joining forces under a new banner, the Peninsula Radio Network, in a bid to compete regionally -and nationally for advertising dollars. 98FM, Mercury FM, Beach FM and The Rhythm will remain separate and independent, says 98FM's Colin McCabe, but will begin marketing themselves as a collective and sharing resources. "Between the stations we cover the majority of the Coromandel, and all four of us have been here for more than five years - so it's not like a start-up operation. "We see this move as a way to help secure our fair share of the advertising pie, and offer our advertisers something new." (Median Strip - 8 June)

Zone88FM gets new look Queenstown rock station Zone88FM has a new-look website, making plentiful use of the splendid local scenery. Check out: www.zone88fm.com (Median Strip - 8 June)

Sydney community stations New community FM stations approved for Sydney are: 92.1 MCR (Muslim Community Radio), 15kW; 93.7 Gadigal (Aboriginal/Torres Strait Islander ethnic) 50kW; and 94.5 FBI (youth and non-mainstream arts communities) with 150kW. With these sorts of powers, they're all starters for Trans-Tasman skip. All must be on air by May 2002. Another 3 community stations may be granted after a review of Sydney's needs and 1386 MW may get one of them. Another new community licence: WOW-FM (Way Out West) granted licence for Penrith, 100.7 FM with general format which leans towards Fine Music. (AMT Newsletter via David Ricquish)

WSFM's translator service for Western Sydney Following recent ABA planning decisions, 2WS FM has been allowed to cover blackspots in its listening area by using other retransmission frequencies. So WS-FM has launched a new translator service to overcome the reception problems in Penrith, Windsor and Richmond. The translator is located in the lower Blue Mountains and operates on 99.1FM. Another translator serving Camden, Picton and Campbelltown is on 88.3FM. "These low powered local translators are an exciting opportunity for increased radio listening in these two areas and will allow the WS-FM Classic Hits format further growth," said WS-FM General Manager Stephen Pead. (AMT Newsletter)

RED FM acquires North West Radio Network Red FM has acquired the North West Radio Network in Western Australia. Aussie Star Corporate, the operator of RED FM, announced the purchase, subject to ABA approval. The changeover date is scheduled for the end of June. This will give Aussie Star Corporate ownership of stations in Karratha, Port Headland and Broome, as well as remote satellite services in WA. General Manager Ian Kennedy said the station is excited about the purchase as it opens up new markets in the booming North West of WA. (AMT Newsletter)

South Island observations Heard while in the South Island in April:

* West Coast guardband station Charleston Community Radio 100.2 was off air when we passed through this Westland settlement on Easter Friday. However Punakaiki FM 100.2 was operating, fading in just 5km north of the tourist centre.

* An unidentified station was heard on 98.3 in Greymouth on Easter Friday. All types of music but no announcements.

* An unidentified guardband station heard in Wanaka on 88.0, playing rap music but no announcements.

* Also in Wanaka, new is Radio Wanaka 92.2 FM. 99.4 is now Radio Central, in parallel to 1179 AM. (Bryan Clark)

Manawatu observations Observations from a visit to the Manawatu in mid-May:

* 2XA Levin (1602 AM and 3935 SW) noted via low power outlets on 100.5 in Palmerston North (strongest in vicinity of the EziBuy factory on the western side of the city!) and 88.5 in Levin. Incidentally the 2XA medium wave mast can be seen on the western side of State Highway 1, about 3km south of Levin. The shortwave antenna is a simple random wire running down from top of the mast.

* Classic FM 88.0 in Palmerston North with its uninterrupted classical music format continues to be heard well throughout the city and further afield. Approaching from Wanganui on State Highway 3, it fades in at Mount Stewart, 15km west of the city. It can also be heard

from Linton, south of Palmerston North. (Bryan Clark)

Sky Digital News Sky TV provided a special channel for coverage of the UK elections on 7-8 June. They screened UK Sky News on channel 26. MGM movie channel started on channel 6 on June 3rd. According to Sky MGM iMeans Great Movies. TCM has decided to share channel 23 with Cartoon Network for a bit longer. (Adam Claydon)

New Juice New on your TV screens if you have Sky Satellite, and know where to look if comes a new music channel. From the Juice TV studios, comes J2 (as in Juice Two) TV, providing a more adult-contemporary style of programming to complement its sister station. Initially, the station is on air 100 hours per week, says Juice TV boss Daniel Wrightson, sharing screen time on Sky Satellite Channel 11 with Trackside TV. (If you tune in and find small men on horses, it's probably Trackside). J2 will also play from midnight till 5am on Channel 34 (which carries TV4 the rest of the day). JuiceTV has captured the New Zealand youth market. J2 TV is set to do the same for the Adult Contemporary music market, says Wrightson. (Median Strip - 25 May)

Saturn TV News Tech TV started on channel 14 on June 1st. Tech TV covers computers, computer accessories, digital cameras, scanners, electronic music, and technology sharemarket stuff. (Mark Nicholls) -the perfect channel for us techies!!

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Compiled by
Evan Murray
Auckland

The US Federal Aviation Administration announced on 24 May a contract for the replacement of ATC automation systems at Anchorage, New York and Oakland centres. These handle traffic over Pacific and Atlantic oceans. The proposed new system, to be developed by Lockheed Martin is based on the system currently used by NZ's oceanic system. A fine tribute to NZ's Airways Corporation.

Member Bill Mannix, of Pounawea appeared on television recently in his work on the Hump Ridge Track in the South Island. Bill is Operations Manager of the Tuatapere H.R. track which is brilliantly displayed on the brochure. Tuatapere is at the South East end of the Fiordland National Park. Cold work no doubt, but satisfying.

2598 0838 VOJ Newfoundland. Marine weather. Very weak and heard only away from noise source. PC/NM
4486 1030 NMC USCG San Franciscomarine weather for Washington and Oregon to Guadeloupe Island NM
5643 1920 Kiwi 588/Auckland gives Pegasus weather JC
5643 0917 NW ?/San Francisco Posn 140 West FL 350 Heavy QRM EM
5643 0927 NW 12/San Francisco Climb and maintain 240 Read back. Posn at 0926 Wind 230/40 EM
5643 0930 NW 18/San Francisco FL 360 EM
6522 0937 VZX Penta Gosford NSW marine weather EM
8456 1235 VFA USCG Inuvik Weather for North West Territory NM
8484 1215 HLF Seoul QSX 1 mHz NM
8602 0245 CWA Cerrito Uruguay QSX other frequencies NM
8636 1200 HLW Seoul calling CQ NM

8665 1200 XSG Shanghai calling CQ NM
8685 0455 IRM International Free Medical Centre Rome transmitting on various frequencies NM
8861 1050 Moresby/NAZ JC
8867 0027 Brisbane/NZ 152. We lost the beacon at 39.40.8 South 152.45 East. Did beacon start and stop abruptly? Affirmative (Flight 152 Melbourne to Wellington) NM
8867 0140 Auckland/Brisbane We've had a fire in transmitter and have lost 13261. Could you advise aircraft calling us on that one? NM
8891 0244 Commencement of a 10 hour monitoring of a yacht in communication with a number of agencies in positions varying between 13.56 South 155.31 West and 20.16.2 South 159.11.9 West. The yacht was crewed by Geraldine Blomfield whose husband, she reported, was in a very weak condition. According to Geraldine she was preparing to do a tracheotomy (an incision on the throat) to remove an obstacle causing breathing difficulties. Sea conditions not too bad with showers swells. A conversation with a doctor on board a USCG vessel suggested that if the husband could talk his wife would not need to carry out the tracheotomy. At this stage (1245 hours) Neville went to bed.
8891 0502 Luffhansa 248/Shanwick. Are you reporting a medical problem? Roger. Posn is 59.26N ? Try calling Gander on 6622. If no joy come back here. NM
8891 0508 Luffhansa 248/Shanwick. Shannon is unable to provide a medical link. NM
8891 0720 Elite 775/arctic Radio Can you cross 70 West at FL 390 NM
8891 0746 Bodo/Aeroflot 32 SC ARGJ , VP-BAZ Negative SC Will keep listening watch NM
8894 0430 Niamey working unidentified flight JC
8903 0900 NW 75/Tokyo ATC clears to 450 EM
8903 0901 JAL 778/Tokyo FL 380. Secondary 6532 SC BKCG EM
8903 0902 Air Mike 963/Tokyo EM
8903 0400 Khartoum/UN 819 departed Juba 0429 JC
8903 0400 N'Djamena/VPBBA JC
8930 0428 Stockholm/VDA 564 Departed HLLT (Tripoli) 0410 ETA FZAA (Kinshasa) 0950 (Volga Dnepr Airlines) NM
8930 0508 Stockholm/9GMKH PP to UK Operations. This is Martin Departed 0435 Estimated Banga 0600. Call you again from Banga Was the flight plan OK Yes we must be in the system (9G Ghana) NM
100481024 Gander Volmet Weather for Canadian cities EM
100751105 DHL 952/Houston SC FGAC present location over New Orleans Did you receive SC Negative Try us on 6637 NM
11297 0356 Rostov Volmet. JC
11300 2134 KFR ? working Tripoli. JC
11300 2135 Tripoli advises UN 818 to descend to 270. JC
11300 0347 Cairo/El Al 512 Johannesburg to Tel Aviv Maintain FL 360 JC
11306 1016 AA 948/Lima with position EM
11396 1008 Malaysian 124/Brisbane. Go to 13318 EM
11396 1010 Cathay 781/Manila EM
11396 1010 Manila/Cathay 781 FL 790 Opava at 1018 EM
11396 1012 Cathay 781/Manila Contact Manila 127.0 EM
12365 0850 Darwin with marine weather for East coast Australia PP

12365 0345 Unid Indian sounding voice refers man overboard and calling for rescue craft
Lost in noise NM

12387 0300 LZW 54 Varma radio Bulgaria Sitor Traffic lists BM

12584.5 0820 CBV Valparaiso radio Chile Sitor Traffic lists BM

12603.50620 SVO Athens radio Greece Sitor News in Greek BM

12610.50705 VCT Tors radio Canada Sitor Broadcast information BM

12624.5 0435 SAB Gotebord radio Sweden Sitor Traffic and traffic list BM

12823.50430 CTP Nato Lisbon ITA frequencies and station information BM

132540930 Very weak aircraft "Reach calling on 13254" NM

13330 0513 Speedbird Control/Speedbird 675. Can you confirm there is enough cabin crew
in Istanbul for onward. Taylor/Rubens will be taking 677 and we can only as
sume cabin crew will be there. Do you have 6 crew on 675. Affirm. Appears
messages not being passed on. Will be easier if we use ACARS. NM

16809 0435 VIP Perth Sitor Traffic list and station information BM

17925 0128 Saudi 801/Jeddah Confirm you need TLC from Jeddah this time NM

27295 2350 International Amateur Club seeking equipment national disaster Centre Solomon
Islands LSB NM

261.95 - Tiger Base/Lion/Beaver 2/Eagle 3/Jaguar/Leopard heard at various times Pos
sible US Military Alaska via Satellite. Radio checks and Traffic ie Tiger Base This
is Lion Be advised chopper has landed and will call when ready to leave BM

CONTRIBUTORS

JC John Charlton, Greymouth Kenwood 5000 with 30 m wire - BJ Basil Jamieson Oamaru,
Kenwood 5000 and Drake R8 with 30 m wire - NM Neville McKenty, Napier NRD 545 and
Icom R70 with various antennas - BM Bill Mannix Pounamu, S Otago with Yaesu FRG 100 and
Universal M400 decoder with 60 m wire - EM Evan Murray Auckland Kenwood 5000 with
T2FD.

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**Compiled by
Tony King
Greytown**

A rather lean mailbag this month as the colder weather sets in, but with my winter woollies
on I may yet put out a radial longwire to the South East for some Latins !

ANDY McQUEEN chimes in with a good Easter log and QSL's in from National Radio 1494
Taupo just before they closed down, and R Puketapu 954.

SUTTON BURTENSHAW has this month's logs as 3RN 621, R. Rhema 621, 2KP 684, and 2ZF
1584.

Veries in from 1ZU, 1ZD, Rhema 621, 3RN 621, 2RN 1512, with an email verie from Easy Listening
639AM. PPC's from 2XR, 2YW, Jammin Oldies 1530, and Kidnappers 1431.

PAUL ORMANDY, Oamaru, reports only QSL's this month, in from KAVT Fresno CA 1680, KTX
Salinas CA 1460, WTDY Madison WI 1670, and Family Radio Taiwan 1557.

RAY CRAWFORD reports loggings for 2XM 1161, R Sport 693 and 558, 1XU 810,
Southern Star 1026, 900, 909, 882, 657. Thanks Ray !

DOWN THE TRAIL

585 1000 7RN Hobart ABC and Tasmanian News. Fair. NM

612 1050 4QR Brisbane Rugby, Fair over 3XG. NM

621 1115 3RN Melbourne, ABC documentary NM

648 1045 2NU Tamworth. V/good some nights. NM

666 0850 RFO Noumea mixed 2CN Canberra. NM

684 0711 2KP Kempsey, talkback 'Trace Your Family Tree.' NM

702 0915 2BL Sydney. Sports. Mixed with 1XP Auckland. NM

870 1115 KAIM, Honolulu, Hawaii. V/good with Gospel pgm AM

936 1100 7ZR Hobart, mixed with Counties Radio South Auckland, and 4PB NM

940 0830 KFRE Fair with Talkback in Spanish AM

954 1950 R Puketapu Palmerston Otago Good with Local pgm "Laurie in the Morning".

954 1054 2UE Sydney, Rugby. NM

1020 0915 KTNQ Los Angeles V.weak with Spanish Talk AM.

1070 0530 KNX Los Angeles. Best of the yanks just now. NM

1110 0800 KFAB Nebraska Fair and carries CBS News but mixed with religious station in
Spanish

1116 1040 4BC Brisbane QLD Good with Talkback pgm and Id "Talk Radio 4BC" AM

1120 1120 KPNW Eugene Oregon Good with Talk pgm Id as "News Radio KPNW" AM

1143 1030 2HD Newcastle NSW Fair with talk pgm AM

1170 1000 2CH Sydney NSW Fair with News over NZer AM

1180 0655 R. Marti, fluctuates but makes brief appearances. NM

1188 1130 2NZ Inverell NSW Fair with Oldies pops AM

1190 0950 KEX Portland Oregon USA Good with Id as "KEX Newsradio 1190" AM

1200 0700 KFAB Omaha. ID and Nx 0700 but only brief appearance. NM

1200 1005 WOAI San Antonio, poor but readable. NM

1233 1850 2NC Newcastle NSW good over Kiwi Classic Gold with ABC pgm AM

1278 1843 3AW Melbourne VIC Good with easy listening Mx and Melbourne ads AM

1440 0930 Goldfields Radio Lawrence Otago Fair relaying Classic Hits FM AM

1548 1838 4QD Emerald QLD Well over top of NZer with ABC pgm AM

1580 0856 KMIK Tempe Arizona USA R DISNEY Pgm and some local ads AM

1650 0952 KFOX Mainly in Korean with Full EE Id before the Hour. AM

1660 1140 KXOL Bingham City UT USA Good with oldies & full Id AM

1670 1140 KAZT fair with ESPN sports AM

1680 1030 WTIR Florida USA V/weak in EE with tourist info too hard to write AM

1700 1112 KTBK Sherman TX USA Good with Id as the Ticket Local pgn and ads AM

With thanks to AM Andy McQueen, NM Nev McKenty



Welcome to winter. It is hovering in the 0 to 2 degrees celsius with Oamaru's first fall of snow for the winter. Competition results for the six months are - MediumWave Suttin Burtenshaw. Shortwave Ian Cattermole

MEDIUMWAVE	QSLs	INC	CNTS	SHORTWAVE	QSLs	INC	CNTS
OPEN (Over 500)				OPEN (Over 500)			
Laurie Boyer	3972		137	Ian Cattermole	4056	103	197
Keith Robinson	2929		157	Jack Searle	2376	46	207
Paul Ormandy	1497		139	Laurie Boyer	1750		183
Sutton Burtenshaw	996	26	102	John Campbell I	1612		260
George Beardsmore	802		61	Paul Ormandy	1600		234
Bryan Clark	673		120	Bryan Clark	1545		236
Mark Nicholls	643		67	Lindsay Robinson	1434	14	169
John Campbell	642		129	Robert A Park	1302	84	92
Paul Aronsen	529			Brian Withers	1297		128
Lindsay Robinson	524	18	56	Mike Smith	1218		133
SENIOR (301-500)				Leigh Morris	1065		233
Peter Grenfell	443		37	Ross Gibson	1055		162
Stuart Forsyth	413		39	Graeme Dixon	916		117
Brian Withers	411		51	Paul Peacock	845		123
INTERMEDIATE (151-300)				Paul Aronsen	733		
Jack Searle	296		35	Peter Grenfell	653		133
Andy McQueen	295		21	Ian Wells	582		133
Robert Krijger	228		13	SENIOR (301-500)			
Mike Smith	194		18	Bernd Henning	372		90
Paul Peacock	193		16	Andy McQueen	368		103
JUNIOR (5-150)				Bob Boundy	400		91
Ian Wells	108		15	Chris Elliot	301		78
Robert Park	86		2	INTERMEDIATE (151-300)			
Adam Claydon	71		4	Stuart Forsyth	283		87
Arthur de Maine	51		10	Arthur de Maine	260		90
Chris Elliot	15		3	Ashley Gulbransen	193		75
				Keith Robinson	190		181
FM-TELEVISION				JUNIOR (5-150)			
Brian Withers	899		9	George Beardsmore	129		68
Robert Krijger	678		6	Adam Claydon	123		40
Bryan Clark	148		5	Mark Nicholls	121		55
Paul Ormandy	110		5	Daniel Bloomfield	13		11
Paul Peacock	65		2				
Adam Claydon	49		1	Peter Grenfell			
Mark Nicholls	42		2	1 Stour Street			
Mike Smith	33		2	OAMARU			
Andy McQueen	29		2	PH/FAX (03) 4345907			
Robert A Park	18	1	1	Email petedx@es.co.nz			

Convention 2002

All DXers, regardless of Club, are invited to attend the NorthOtago Branch Convention in February 2001, at the site of our 1994 & 1998 events, Camp Iona. The Convention opens on Friday the 1st of February on concludes on Monday the 4th. We are also holding a pre-Convention DXpedition from the 29th - 31st of January, using the facilities of Camp Iona for accomodation etc, and DXing from Paul Ormandy's Beverage site at Waianakarua.

In the past we have been pleased to entertain DXers from Australia, Japan, Denmark & Finland and early intentions have already been received from Australia, Italy, Scotland & the USA.

The Convention itself will have a new programme from '94 or '98 so if you've been to either of the previous Conventions, you can look forward to different activities including practical aerial construction, and what will be a memorable step back in history! The eagerly anticipated auction will be another highlight (start saving now) and we'll have plenty to fill in your time including DXing in a relatively quiet environment.

Interim pricing will be \$100 for the three nights of the Convention, including meals and accomodation, and \$60 for the pre-Convention DXpedition.

That's great value. If you wish to stay for a shorter time, or even pop in for a day, we can price accordingly.

Early expressions of interest are welcome to the North Otago Branch, NZRDXL,

C/o Basil Jamieson RD 14 O, Oamaru, or via e-mail to basjam@es.co.nz and you can visit the Convention 2002 web-site http://radiodx.com/spdxr/Convention_2002.htm

And by February next year, it may be an awful lot cheaper to get here... even from Aussie!



Aerial views of the Camp Iona facilities, site of 1994 and 1998 gathering of DXers. And the site of the 2002 Convention.

Don't leave it until it's too late. Tell your boss **now** that you want the time off next year to attend the Convention. And let the North Otago Branch know you are coming.

AUSTRALIA Firstly, Chris Martin and Brian Dodgson have been bussing around the outback... G'Day from Darwin. During our travels up the Stuart Highway we DX'ed from various sites with beverage and box loop antenna and of course matching balun. Some new Aussies were discovered. **621 South West Australia** running 'Easy Listening Australia' format. **693 6WR Kununurra** with Indigenous format talk back, country music and health issues. Strong. **765 Katherine NT Hot FM** (translator) from Darwin. **936 Unk location** announces as "You are listening to the Packer Network in and around the Kimberley and the Pilbara". This one could be at Broome as Broome gets most of the mentions. The fact that they are announcing a network is of interest, could have other outlets on FM. Again format is Indigenous but with far more Didgeridoo music. **1512 Unk location** announcers as "FM 98 and on AM 1512 in the mid west". FM 98 operates out of Geraldton. This one is a big signal in the centre of Australia, whilst 693 is solid here in the Top End. (Chris Martin, Greyline DX) Chris Martin's unids: I did a bit of research on the ACA database after reading these and came up with the following... **936 Fitzroy Crossing, WA, 5kW**. Registered to Wangki Yupurnanupurru Aboriginal Corporation, PO Box 52, Fitzroy Crossing WA 6765. Callsign 6FX. No other licences though for this, but that doesn't mean they don't relay someone else. **1512 is at Morawa**, registered to Geraldton Newspapers, PO Box 128, Geraldton WA 6530. Only gives an EIRP on 8137 watts so I guess a 5kW transmitter also. (Richard Jary, ARDXC) For those who may not have logged **4MB 1161** get a move on! Last night (11/5) at 1300 and this morning at 2130 they were broadcasting a VM indicating a move to 103.5 Mhz. Programme format will be of the ubiquitous MIX-FM variety according to the tape. (John Scache, ARDXC). The future ownership of Brisbane radio stations **4BH** and **4KQ** is uncertain following the successful \$67 million auction of a new commercial FM licence in Brisbane yesterday. The winning bid by the stations' owners mean one will have to be sold or converted to FM within the next 12 months to meet Australian Broadcasting Authority regulations. Under ABA regulations an organisation is not allowed to control more than two licences in a licence area. Brisbane FM Radio Pty Ltd, a joint venture between British media group DMG Radio and Australian Radio Network (ARN), which is part owned by APN News Media, made the successful bid for the FM licence yesterday. ARN already controls 4BH and 4KQ in Brisbane and APN has newspapers in Ipswich, Toowoomba, other parts of regional Queensland and northern NSW. APN chief executive Vincent Crowley said yesterday it was too early to say what option they would take on the AM stations. The ABA has given the group 12 months to resolve the situation. (Ian Johnston, ARDXC) As we know **2YC** started transmission on **1611** in Tamworth and Sydney. When I spoke with them they told me that they would also start transmission from Newcastle. This seemed odd and I asked about the Sydney and Newcastle transmissions overlapping. I was told that they "had done their homework and only a very small area on the Central Coast (Gosford) would be affected". **1701** Sydney was parallel to the Sydney **1611** but that is no longer the case, it is now **2NTC**. This morning (Thurs 0530am 1930z), **1611** has at least two stations if not three, So I assume that the Melbourne Networks are coming in. (David Brown, ARDXC) I found a list of Aussie community broadcast stations buried deep

inside the web site for the Australian BC Authority. The URL is http://www.aba.gov.au/what/broplan/community_services.htm You'll need to scroll partway down the page until you find mention of community broadcasting licences, then click on it to download the file. It lists a whole bunch of AM/FM/TV stations operated by aboriginal, ethnic, etc groups. 6FX is among those listed, but it doesn't say much more than what's noted below. Enjoy! (Bruce Portzer, ARDXC) Received an e-mail verie from **Easy Listening 639AM** for a report sent to **2CS**. They didn't ID as 2CS so was wondering anyway. Mail came from Georgina Frogley, Station Manager. She had previously worked for 2CS and said 2CS is now FM. Same s-mail address appears to work for both. Unfortunately I didn't do a 'bookmark' and consequently the letter only shows her name and not the route. Lesson learned !! Of course, all this may show up in the new guide. I haven't ordered mine yet. (Sutton Burtenshaw).

NEW ZEALAND As of last Friday, 1 June, **Lite FM 94.5** has been simulcasting on the old C93 AM frequency of **1260 kHz** (or for us oldies, Radio Avon). (Michael Pollard, Ripple DX)

EAST TIMOR From Chris Martin on 'DX Walkabout'... G'Day from Darwin I have been on an excellent DX'pedition up the centre of Australia. Whilst in Darwin have been in contact with the UN office here and on the phone to Dili in East Timor. The UN is running a station "**Radio UNTAET**" on **684 kHz** 24 hours a day with 5Kw. Program is mostly in Indonesian but some English, Portuguese and the local dialect are used. I have heard the station in both English and Indonesian. The over night music program starts at 2100z and runs thru to 2100z. No announcements are made during this period. You can e-mail them at lim4@un.org (technical manager) or drurz@un.org (program manager). The term UNTAET stands for United Nations Transitional Administration East Timor. I have spoken to Lim a few times on the phone which is a local phone call for Darwin and trunks via satellite to the PABX in Dili for which you need to know the extension of the person you require. He tells me that as East Timor is not yet a country and that there is no regulatory control for radio quite a few pirates have sprung up - mostly on the FM band. Further monitoring from a DX site we visited on the Cox Peninsula turned up another station in East Timor on **1404 kHz**. This station is run by the Catholic Bishop of Bacau. There is far more Portuguese heard on this station including relays of Radio Portugal. Also lots of religion with prayers by nuns and recitations. Commercials are in Indonesian with reverb. The currency there appears to be Aussie dollars. "**Radio Timor**" 1404 does not run 24hr. S/on seems to be at 2100z. I am making further enquiry as to the address and any e-mail for the station on 1404. Many mentions of "Timor more as'i" (sic) can be heard and I will find out what this means. To DX East Timor the strongest signal out of 684 & 1404 is by far 1404 kHz and Portuguese should be the clincher for it. East Timor is GMT +9. (Chris martin, Greyline DX).

LESOTHO The former BBC transmitter on **1197 khz** is now carrying **WYFR** programmes at night. I have heard it here in Rio de Janeiro, last night, from 22,10-23,00, with good signal, with a English phone-in. The weird thing is that at 23,00 the program in Italian ("Radio Famiglia") starts. Just wondering how many Italian speaking listeners they do have there. (Rocco Cotroneo, Rio de Janeiro, Brazil via MW DX Group, Yahoo.com)

KAZAKHSTAN The regional state bc company in Ösqemen (Shyghys Qazaqstan oblysy) on

1071 kHz (100 kW) as this email address: <vktrk@ukg.kz>. The station broadcasts mainly in Russian and identifies in Russian as **"Vostochno-Kazakhstanskaya oblastnaya telestudiokompaniya"**. (Bernd Trutenau-LTU, 18 May, MW DX Groups, Yahoo.com)
USA & CANADA After several f/ups via snail mail, I received a QSL via e mail today from **1610 KALT** TX, Atlanta, rec. e mail QSL in 5 days from Walter Lancaster-Op Director KALT & Dominion Media Corp. e mail address dmctxx01@txk.net This is the first QSL I have heard of from KALT. (PM-OR)

FORMAT CHANGES AND ADJUSTMENTS

560	KLZ	DENVER, CO	A. STNDS	OLDIES
570	KLAC	LOS ANGELES, CA	A. STNDS	ADDS TALK
920	KSRM	SOLDOTNA, AK	TLK/C&W	TALK
960	KOVO	PROVO, UT	SILENT	SPORTS
970	KZTK	BAKERSFIELD, CA	CHR// KIIS FM	TALK
1040	CKST	VANCOUVER, BC	STNDS & SPTS	SPORTS - TEAM
1050	CHUM	TORONTO, ON	OLDIES	SPORTS - TEAM
1200	CFGO	OTTAWA, ON	SPORTS	SPORTS - TEAM
1350	WSMB	NEW ORLEANS, LA	SPTS/TLK	TALK
1360	KKMO	TACOMA, WA	RELIGION	ADDS SS. REL.
1460	KTXX	SALINAS, CA	NEWS	ADDS TALK
1560	WINV	INVERNESS, FL	C&W // WXOF	SILENT
1600	KCRG	CEDAR RAPIDS, IA	NWS/TLK	SPORTS - ESPN

GA Atlanta WQXI- 790 was sports, drops Imus
 OR Portland KUPL- 970 was oldies, adds Bob Rivers (new WWI Seattle-based syndicated morning show)
 CA Fresno KXEX-1550 was reg. Mexican, now talk
 HI Honolulu KLHT-1040 inc. to 10000/10000

ACTIVITY

840	CJXX	GRANDE PRAIRE, AB	MOVES TO FM 93.1	100 KW
1170	CKGY	RED DEER, AB	MOVES TO FM 95.5	100 KW
1220	CJOC	LETHBRIDGE, AB	MOVES TO FM 106.7	100 KW

TX Dallas KTCK-1310 inc. to 9000/5000 DA-2

CALL LETTER CHANGES:

CA San Bernadino KCKC-1350 requests KEWS



adcom.news@radiodx.com

Compiled by
 Bryan Clark
 Auckland

WELCOME TO NEW MEMBERS IAIN HARRISON (ZL1IAH), 134 Russell Road, Huntly 2191 and **RALPH RISELEY**, 109 Western Road, Ngongotaha (both via Com-Centre). Welcome aboard gentlemen — we look forward to hearing about what you've been listening to on the radio bands. This magazine survives on the contributions of its members — the address is P.O. Box 3011 Auckland, or by email to the address at the top of each column.

OUR SINCEREST SYMPATHY is extended to the Crawford family on the death of **Mrs PHYLLIS CRAWFORD** in Invercargill on 22 May after a brief illness. Mother of long-time DXer and DX League stalwart **RAY CRAWFORD**, Phyllis was League Treasurer while Ray was National Sec-

retary during the 1970s. Phyllis and her husband Owen were always very supportive of the DX hobby and were very generous towards the Southland Branch over many years.

CONGRATULATIONS to **COLIN CAMPBELL** of Hamilton who was the winner of the \$50 Dick Smith Voucher in the 'Santa Special' membership recruitment campaign sponsored by RAGUSA Group. Our special thanks to **DAVID RICQUISH** for his initiative. Also it's a big 'well done' to DXT Sub-Editor **YURI MUZYKA** who has successfully completed his NZCE Electronics and Computer Technology. Congratulations too, to **ASHLEY BELL**, Manager of Print Disabled Radio in Levin, who was awarded a Queens Service Order in the recent Queens Birthday Honours.

NEWS OF MEMBERS Another well-known Invercargill DXer **PAUL ARONSEN** has been in ill health for some time and recently has been admitted to Kew Hospital for a heart-valve replacement. Paul is currently editor of the local branch magazine 'Southland DX Digest', now in its 64th year of publication. Our thoughts are with you Paul! **STUART FORSYTH** has advised he will be returning to Wellington from the United Kingdom in July. He is really looking forward to tuning the X-band (1610-1700kHz MW) to hear North American AM stations.

RADIO DX.COM WEBSITE REVAMPED Our grateful thanks to **PAUL ORMANDY** who has undertaken a major cosmetic change of the DX League's Internet website. Amongst the features added by Paul are new articles on military broadcasting and a sequel to the WLXE Canton Island story. Check out <http://radiodx.com/spdxr/New-Articles.htm>

ICOM ICR7100 Members are invited to tender for purchase of this quality VHF/UHF receiver that has been donated to the DX League. With a frequency range of 25 to 1999 MHz, SSB, AM, FM and WFM reception modes, and the ability to scan 900 memories, the receiver is about 9 years old. Only reasonable offers will be considered. Tenders or requests for further information should be addressed to NZRDXL Radio Tender, P.O. Box 3011, Auckland. Tenders will close on 31 August.

HAPPY BIRTHDAY to HCJB World Radio's "DX Partyline" programme which celebrated 40 years on air on 2 June. Best time for reception in the South Pacific is Saturday at 0910 UTC on 11755kHz. (via Graeme Dixon) Celebrating its 30th birthday this month is 1XX Whakatane, which officially went to air at 10:30am on Wednesday June 30th 1971, one of the very first modern private radio stations (after the original ones were all nationalised in the 1930s.) Back in June 1971 1XX was on 1240AM. Today they can be heard on 90.5FM, 93.0FM (Ohope Beach) & 1242AM.

VACATION BCL CONTEST 2001 The aim of this contest sponsored by French DX organisation 'Club Amitie Radio' is to listen to the most countries in Asia and Oceania between 1 June and 30 September 2001 on shortwave frequencies between 3200 and 25820 kHz in AM mode. The contest is open to SWLs and BCLs from around the world. It is only necessary to hear one radio station per country, with each country heard scoring 1 point. Only official broadcasting stations are eligible — no Pirates, Clandestines, CB or Ham operators please. Send your list of loggings before 31 October to Franck Parisot, P.O. Box 6, 92173 Vanves CEDEX, France. Email: frankparisot@hotmail.com Website: www.chez.com/swlcontest

A total of 47 countries are valid for the contest: Afghanistan, Armenia, Australia, Azerbaijan, Bangladesh, Cambodia, China, Cyprus, Egypt, Georgia, Guam, Hawaii, India, Indonesia, Iran, Iraq, Israel, Japan, Jordan, Kazakhstan, Kuwait, Laos, Lebanon, Libya, Malaysia, Mon-

golia, New Zealand, Northern Marianas, North Korea, Oman, Palau, Pakistan, Philippines, Qatar, Saudi Arabia, Singapore, South Korea, Sri Lanka, Syria, Tajikistan, Thailand, Taiwan, Turkey, Turkmenistan, United Arab Emirates, Uzbekistan and Vietnam.

Example of required logging format:

Date	Time.UTC	freq.	Station	country	lang.	SIO
1/6	1100	5930	C.R.I	China	English	555

The winner will have a choice of a World Radio TV Handbook or subscription to "L'Ecoute du Monde".

dxisimo

Compiled by
John Durham
Tauranga

BRAZIL. R.Senado Brasilia. DF, 5990kHz.May24,25&26, 22.45-02.03. Back on the air Ex 6190 .Portuguese talks,frequent lds,talks and reports from the senate,jingles guitar music and romantic songs "Musica brasileira".Thanks for the tips from Celio Romaais and Samuel Cassio in Brazil.44444 (Petersen)
R.dif. Roraima. Boa Vista 4708kHz (4708-4723) (LA DX)

ECUADOR. 5965kHz L.Voz de Upano. Macas. 11.00- (LA DX)
4782.6kHz R.Oriental.Tena. ex 4801.(LA DX)

GUINEA. 7125kHz Great reception from Radio Guinea,with a lively Male announcer at 10.10 26 May saying,"Bonjour le monde,ICI Conakry". (Walt Salmaniw, Grayland WA Dxepdition. DX Listening Digest)

INDIA. The following info regarding All India Radio may be usefull for you. Mr S.A.S. Abidi,who was earlier dealing with reception reports,retired on 31st March1998. Presently Mr Rakesh Tyagi,Asst Director Engg (F A),looking after planning of HF services of AIR.Normally QSL: cards are issued by Frequency Assignment Section of Directorate General,All India Radio to the listeners for sending the reception reports from outside the target area of the concerned AIR stations.AIR stations do not issue QSL cards directly. In case reception reports is received directly by the station,the same is forwarded to the Frequency Assignment Section for issue of QSL card after due verification of the contentsw of the programe.

Presently they are eagerly asking for the reception report for the following broadcasts:
Tamil service. 00.00-00.45 9835,4790&1035kHz.
Do service. 11.15-12.15 15075,17860&1053kHz
Sinhala service 13.00-15.00 9700,15020&1053kHz.
AIR internal services. 01.25-04.00 11830kHz. 07.00-08.40 15260kHz.13.30-18.30 9835kHz.
Reception reports shall be sent to Broadcasting Corporation of India.Directorate Generale All India Radio.Akashbani Bhavan New Delhi-110001,India. Tel/fax: +91 11 3714062, 3710145. Email:faair@giasd101.vsnl.net.in Thanks®ards from Swopan Chakroborty, Kolkata,India (via EDXP Newsplus)

PERU. R.Union.Tocache,appears to be a new station.
R.Naylamp.Lambayeque,heard again on SW varying a lot around 4300kHz.
La Voz de las Huarinjas.Huancabamba,amove from 6816.8kHz.
R.LTC,Juliaca,a move from 5980kHz which should make this station easier to hear.
(Bjorn Malm.Ecuador via HCDX)

RUSSIA. New R Adygeya,Maykop,Resp.Adygeya, 7325kHz. May 25,17.00-18.00,on the air Mon & Fri in Adegeyan.Also reported to broadcast in Arabic and Turkish,but today all was in Adygeyan ! 17.00 Regional anthem,ID,ann,local classical music,hymn and Balalaika.17.07 talks and songs until closing ann 17.58 and short folkmusic,18.00a few seconds relay of news from Moscow then abrupt cut off the relay from Krasnodartransmitter !.33443 (Petersen) Murmansk. R. (USB) 08.00-08.10,New relay,Russian time ann.ID: "Murmanska Radiyo"temperatures,news,ID,phone number,0807 touristis adv.from Spain,adv for record Shop,followed 08.10-09.00 by relay of Radiostantsiya Atlantika with ID and Russian pop Songs.Thanks to Robertas Petreitit in Lithuania for the tips.45544 (Petersen)

PHILIPPINES.PBS. 9580kHz.09.00 ID in Filopino mentioned programe DZRM.Comment On Filopino trade delegation good level 10.00.Blocked by BBC & later byR Australia.(Leigh Morris. Aust via HCDX)

SRILANKA. SLBC Colombo.5020kHz Still uses this frequency for their Tamil service.Checked by Victor Goonetilleke in Colombo 23.00-02.00 & 11.00-17.00. (Petersen via HCDX)

VENEZUELA. R Tachira.4836kHz.This morning I heard R Tachira again after a long time Of absence.Tuned in at 03.15.L A songs with sporadic announcments.Anthem of Estado Tachira at 03.30,then into LA songs again.(Karel Honzik via HCDX)

branch.news@radiodx.com

Compiled by
Chief Editor
Wellington

North Otago

Our regular meeting date this month was changed to Sunday June 10, so that we could have a DX Day at Waianakarua where we could take advantage the quiet conditions and Paul Ormandy's array of aeriels.

Eight members braved the cold and light snow flurries to spend the afternoon and evening trying to identify the stations from the list of frequencies that Paul had prepared. Conditions were good and all had a worthwhile day. In the early evening a number of Africans were heard at good strength.

Auckland

The 27 May meeting had 12 present..NZART's 75th anniversary conference and exhibition was held Sat-Sun 2-3 June. On display was a broad range of vintage and military receivers and transceivers by several clubs including NZRDXL. Very professional!

Barry Williams recently had a QSO with an Austrian radio amateur who says they too are having a 75th anniversary for their national ham club,with a special station callsign also (the

NZ one was ZL75).

Barry Jones reported that Shirley ZL1MY passed away "last week". She was a NZRDXL member before getting her ham license. Barry added that Maureen Shaw lives up North somewhere these days, who's husband Eddie passed away sometime ago. Eddie & Maureen hosted several great BBQs at their old QTH at Sunset Beach near Port Waikato where we had some DXpeditions.

Daniel Bloomfield gave an interesting in-depth talk on his April trip to Ireland with Sydney, Singapore and London stopovers. Daniel was booked in to a Dublin hotel which in the Guinness Book of Records is the most bombed hotel in history! He got to chat with a policeman on a bus on the way to Cork in a southern part of Ireland. He later visited Kesington Palace, Cathedral Square, Heathrow Airport, then on to Amsterdam, Vancouver, Sydney and finally Auckland. He says the Aerolinias Argentinas Airbus A340 was very smooth and quiet in flight. John West gave a detailed demonstration and talk on his famous "black loop antenna" explaining how his recent successful mod (a Q-multiplier circuit) gives a controlled positive feedback into the loop to increase the signal gain into the receiver. The effective bandwidth of the station being tuned is adjusted in increments by of a couple of controls until the maximum signal strength and audio clarity is reached. John believes the circuit could be applied to beverage or longwire antennae as well!

Next meeting will be on Sunday 24 June assembling at the Clubrooms, 3000 Great North Road, New Lynn, just past Whau Creek, then we go over to Barry Williams' QTH at 4 Kay Drive, Blockhouse Bay, Auckland.

The July meeting will be on Sunday the 29th at 2 pm tentatively also at the clubrooms. Meetings are on the last Sunday of the month except December.

DXpedition: Stuart Highway & Cox Peninsula. AUSTRALIA

**Compiled by
Chris Martin
Brisbane, Australia**

What follows is an amazing trail of Mediumwave DX as heard by Brian Dodgson & Chris Martin during a 10 day trip up the Stuart Highway and out to Cox Peninsula. Results were like the good ol'days with plenty of African delights. Diego Garcia showed up as a stand out signal around 2130z on 1485. Without a doubt the most potent African signal is VOA Sao Tome 1530 which could be heard on the Sony ICF7600G's built in loop stick. VOA Sao Tome could be followed from the moment it put its carrier on at 1820 till s/off at 2200 word perfect, arm chair copy, rock steady, a joy to listen to. We were amazed to nab Spain on 1359 and we think the signal was coming via west Africa. Other highlights were the logging of East Timor on two frequencies. BBC-WS from Mauritius, two South Africa's, Lesotho, Swaziland, Angola, Ivory Coast, Niger, Mozambique, Radio Free Africa, Tanzania, Madagascar, a mystery in French mixed with Mayotte (also in French). A mystery religious station on 1449 in English, VOA Kuwait, Djibouti, Kenya, Botswana and an Asian list that just goes on

An opportunity to DX in a very remote location isn't an every day thing so when Brian Dodgson offered me the jump seat in his customised 6 tonne 4X4 International Bus travelling from Melbourne to Darwin recently how could I refuse. Well I decided to do it and jumped on the internet to grab a low low air fare. Brisbane Melbourne for just \$96 all up. I arrived on April 25th to find winter had arrived in good ol' Melbourne. On the following day we loaded everything including the kitchen sink and were off to warmer climbs points north. The vitals

we had with us for DX were an ICOM R71A, Drake SPR-4, Sony ICF7600G, 4 foot (collapsible) box loop, a 500 meter roll of beverage wire and a load of trusty fibre glass (customised) beverage poles. Oh and the matching balun for the Darke/Beverage combo it works a treat. We DX'ed along the way from some amazing locations which are listed below.

Site #1. Port Wakefield : SA : 34°11'23" S 138°8'42" E

Antenna : Box Loop

Site # 2 Island Lagoon : SA : 31°11'57" S 136°35'29" E

Antenna : Beverage 500 meters at 230°

Site # 3. Coober Pedy : SA : 29°1'13" S 134°45'20" E

Antenna : Box loop

Site # 4 No 7 Bore: NT : 25°36'8" S 133°12'16" E (Kulgera & Erldunda)

Antenna : Beverage 500 meters at 270°

Site # 5 Kings Canyon : NT : 24°14'57" S 131°31'2" E

Antenna : Box Loop

Site # 6 Alice Springs : NT : 23°48'1" S 133°55'16" E

Antenna : Loop stick in ICF 7600G

Site # 7 Tennant Creek : NT : 19°35'1" S 134°12'15" E

Antenna : Box loop ; power line noise in this van park

Site # 8 Mataraka Homestead : NT : 14°55'18" S 133°8'11" E

Antenna : Box loop

Site # 9 Edith Falls : NT : 14°10'37" S 132°11'14" E

Antenna : Beverage 500 meters at 270°

Site # 10 Darwin : NT : 12°25'35" 130°50'39"E

Antenna : Box loop

Site # 11 Cox Peninsula : NT : 12°28'40" S 130°44'18" E

Antenna : Beverage 500 meters at 255°

My aim was to log a number of hard to catch stations, for me, South Africa (Venda) 1035, VOA Kuwait 1548, Radio Free Africa 1377 and UN East Timor 684 if possible. Well the rewards were far beyond expectation. And we had lots of fun along the way. Boy did we learn a few things !

DX Trail

Freq UTC Country Details Site #

AUSTRALIA stations of interest

567 2115 Aus 6PU/TP/MN/PN sync group // 558 ABC WA. 8

585 1955 Aus 6PB Perth w/BBC interview - tricky !. 11

621 2030 Aus 6EL Bunbury 2Kw w/"Easy Listening Australia" 1

693 2030 Aus 6WR Kununurra 5Kw w/Indigenous health talk 5 akes 4AAA-FM o/n w/ Brisbane ads.

765 0930 Aus 8HOT (t) Katherine w/ HOT-FM Darwin news. 8

936 0902 Aus 6FX Fitzroy Crossing with Didgeridoo mx 4

990 2125 Aus 6RPH Perth w/BBC-WS over 4RO. 4

1512 2120 Aus 6BAY (t), Morawa 5Kw w/"FM98" ids strong 2

1611 2130 Aus 6WG Wagin w/country music 2

INDIAN OCEAN

1404 2100 Cocos Is Checked here but NOT heard. East Timor V.strong. 11

1422 2100 Christmas Is Checked here but NOT heard. Only Filipino noises. 11
1458 1945 Mayotte France Inter w/talk back in FF strong 4
1485 2135 Diego Garcia AFRTS w/ APN item on Bag Pipes ! easy catch ! 11
1548 1930 Sri Lanka Deutsche Welle power house in German to s/off 5
1566 1930 India AIR Nagpur w/ EE news ,strong 4
1575 1830 Mauritius BBC World Service strong and clear signal. 11

MIDDLE EAST

738 2129 Israel Tel Aviv in AA w/Sharon speaking in EE, strong. 4
792 2045 Saudi Arabia BSKSA, Jeddah w/ Koran to s/off 2100 anthem. 11
954 2020 Qatar Al Arish dominant over Asians.
1224 1950 Israel Galei Zahal, Beersheba mixed w/ Mozambique 11
1233 2045 Cyprus TWR Cape Greco strong in AA 7
1287 2107 Israel Tel Aviv . Galei Zahal M/a Hebrew fair sig. 4
1413 2050 Oman BBC Masirah strong w/ BBC-WS. AA @ 2100 4
1440 2030 Saudi Arabia BSKSA Damman powerhouse w/ AA talk back. 4
1494 2105 Jordan JRTV Al Karanah powerhouse in AA Nx 4
1512 2010 Saudi Arabia BSKSA,Jeddah Koran readings. 9
1521 2010 Saudi Arabia BSKSA,Duba talk back in AA v.strong 9
1548 2015 Moldova Maiac w/TWR Russian px over VOA to s/off 2130 5
1548 2115 Kuwait VOA Kuwait with VOA News now. s/off 2200 9
1575 2030 ?? Jammer 9

EUROPE

1359 2035 Spain RNE-FS, Madrid in SS w/ University info. Fair. !! 11
1377 2000 France Inter in French fair sig 5
1539 2005 Germany Evangeliums Rundfunk, Mainflingen m/a in GG. 11

AFRICA

738 2115 Mozambique RM, Maputo fair sig in PP m/a (over Israel). 8
909 2000 Botswana VOA Selebi Phikwe strong w/"VOA News Now". 2
1008 2135 Mozambique RM, Maputo m/a in PP fair sig. Dom. 8
1035 1915 South Africa R.Thohoyandou (Venda) w/very distinctive music.No easy catch.
Wonder if it is 100Kw ? f/a in LuVenda. 2
1197 1950 Lesotho Family Radio, Lancers Gap i/s then Religious in EE.11
1215 2000 Tanzania R.Tanz, Arusha good in Swahili on nx. 11
1224 1940 Mozambique RM, Pemba good w/ m/a in accented PP. 11
1331 2050 Niger LV Du Sahel, Meninsoroua in FF het w/S. Africa. 11
1332 2033 South Africa Punt Op Medium Golf, Cape Town in Arifaans 11
1332 2040 Unk Un id m/a in PP mixing w/ S.Africa + Niger het. 11
1377 2020 Tanzania Radio Free Africa, Arusha good w/ ID in EE 4
1377 2120 Swaziland R.Cidade Int. Sandlane, w/ talk back in PP. Dom. 8
1368 2045 Kenya KBC, Maralal strong w/Celine Dione mx s/off 2100.8
1449 1912 Cameroon ? Unk w/ Religious in EE w/ Bible readings 11
1458 1850 ?? UN id heavily accented French mixed w/Mayotte 11
1494 2145 Ivory Coast RTV Ivoirienne, Abidjan dominant in FF +Afro mx. 11
1502 1840 Madagascar RTM,Antananarivo Rap mx in accented FF f/a. 11
1502 1900 Angola EP Benguela, clear id for R.Nac Luanda in PP Nx. 11
1530 1820 Sao Tome VOA carier applied. Rock steady at 10 over 9. 1

1539 2005 Djibouti RTVDjibouti, in AA with religious mixed German. 11

ASIA

540 2118 Unk Un id w/ Rap mx strong. E/Wtimor ? 11
549 2045 China CNR1 Fujian w/Taiwan serv. Strong 10
549 2105 ??Unk Un id Koran reader, strong. 8
576 2020 Philippines DYMR Cebu strong. Local politics. 5
585 1030 Indonesian RRI Surabaya, 10 over 9 w/Koran. 9
594 1030 Brunei RTVB,Tutong w/Koran readings 9
603 1151 S. Korea HLSA, Seoul strong in KK, KK mx singing. 10
610 1145 Vietnam R. Voice Vietnam, Ho Chi Minh C. M/a VV Nx. 11
621 2030 Philippines DYHP Davao strong. 5
630 2044 Philippines DYAG, Cadiz C. call only before being covered. 10
630 2045 Philippines DZMM, Manila dominant at s/on w/anthem. 10
630 2100 Indonesia RRI Ujung Pandang powerhouse at s/on. 8
648 2057 Philippines DWRM, Palawan w/anthem and full s/on info.PBS 10
675 1030 Brunei RTVB, Serasa, w/ Koran under 6BE // 594. 9
684 1035 East Timor Dili, R. UNTAET w/ news in EE then into Tetum. 11
684 2055 China CNR-T Fujian s/on East is Red into Taiwan service 10
690 1030 Indonesia Un id f/a in Indon. 9
711 2005 S. Korea HLKA -KBS good. M/a in KK 11
720 2045 Taiwan BED58 Taichung light pop mx in cc + f/a talk back. 7
720 2135 Indonesia RRI Ambon w/ local nx good sig 10
729 0912 Indonesia ? Un Id w/Koran readings , strong. 9
738 1100 Taiwan BEL2 Penghu w/fisheries weather.Strong. 10
740 1110 Cambodia Nat R, Phnom Penh steady sig in Cambodian f/a 9
774 0205 Unk F/a in accented Indonesian. East Timor ?? 10
783 1245 Vietnam R. Voice Vietnam , Nghê An m/a, f/a VV good 10
792 0945 China Guangxi service dominant f/a in cc 7
801 2040 Philippines DXES Cebu loud w/'Bombo' drums in news. 10
819 2030 Philippines DXMC Davao w/rooster call id. Strong 5
846 2105 Philippines DZRV R. Veritas Manila w/political comment. 10
855 2110 Indonesia RRI Mataram strong w/ Koran readings 3
873 1138 Vietnam R Voice of Vietnam, Ho Chi Minh C. strong in VV 10
891 1030 Indonesia RRI Malang w/Koran readings. 9
909 2100 Indonesia RRI, Sorong v. strong at s/on w/id. 8
927 2100 Philippines DXMM Sulu w/RNN news and politics strong. 7
943.4 1935 Vietnam R.Voice Vietnam, Hanoi w/ radip play in VV. 11
954 2040 Philippines DZAM Manila w/PBS promo over Qatar. 5
954 2100 Indonesian RRI Kendari s/on over Filipino & Taiwan 7
963 1945 Philippines DYMF Cebu, full Filipino s/on and anthem. 10
981 1945 Philippines DXCC s/on anthem and techs lic numbers. 10
999 2110 Philippines DYSS Cebu strong at s/on over Jakarta. 7
999 2110 Indonesia RRI Jakarta w/ indigenous music. 3
1006.6 1028 Indonesia Un id w/Gamalang orchestra. Strong. 9
1008 2010 Taiwan Lukang BCC/CBS Lively F/a in CC Talk back 2
1008 2040 Philippines DXXX dominant + DWBS w/mass under. 10

1009 1028 Indonesia Un id Indon talk. Hets everywhere ! 9
 1026 0845 Indonesia RRI Serui strong w/ Koran readings. 8
 1035 2000 China CNR-1 strong at s/on w/"the east is Red". 2
 1037 1028 Indonesia Un id w/Koran readings 9
 1044 2145 Indonesia RRI Biak, w/ f/a on local info. Strong 8
 1053 0815 Indonesia RRI Jayapura dominant in Indon. 11
 1053 1028 Japan JOAR Nagoya, strong w/JJ pops. 9
 1053 1830 N. Korea Unk Reunification Radio weird reveb effects in KK 9
 1081 1028 Indonesia Un Id w/Koran readings 9
 1107 2150 Indonesia RRI Kupang, w/Timor Barat local info. F/a 8
 1125 1100 Philippines DZWN ?? ann DNA Radio Net/Election 2001. 11
 1134 2150 Indonesia RRI Banjarmasin strong with Hindi type mx. 8
 1170 1935 S. Korea KLSR, Kimje KBS m/a in KK. 11
 1170 2040 Philippines DXMR Zamboanga w/ PBS promo. 7
 1188 2035 China CRI, Yunnan strong w/f/a in CC 10
 1224 1945 Taiwan BED52, Kaohsiung lively f/a and pops. 11
 1206 2110 Indonesia RRI Denpasar w/ Koran readings. 7
 1296 1900 Philippines DXAB, Manila very strong signal for 10Kw. 9
 1310 1205 Malaysia RTM, Mersing m/a in CC strong. 10
 1312 0940 Indonesia Un id w/Michael Jackson track. 9
 1314 1905 S. Korea HLKM, Chonbuk w/ KK religious good. 9
 1323 2112 Philippines DYSR call heard 7
 1350 2044 Japan JOER Hiroshima fair with F/a in JJ 7
 1359 2100 China CNR-1 sync group strong + Filipino anthem. 2
 1404 0905 E. Timor Radio Timor, Dili w/religious recitations in Tetum. 9
 1413 2030 Japan JOIF Fukuoka f/a JJ laughter. Fair w/BBC 5
 1413 2050 Taiwan BED80 Miaoli // 1449 mixed BBC. 10
 1449 2015 Taiwan BED48 Kaohsiung Taiwan talk back //1467/1368 10
 1458 2038 Philippines DYZZ Cebu w/ "Election 2001" reports 2
 1467 2100 Philippines DXVP Davao exc at s/on with full info 10
 1467 2133 Thailand R. Thailand, Bangkok s/on w/ network freqs 9
 1485 2053 Philippines DZRA, unk, dominant. 11
 1503 2100 Philippines DYLM Manila, Radio LM Metro Manila. 9
 1512 1955 Philippines DYAB Cebu powerhouse w/ Full Filipino s/on 10
 1521 1815 China CRI,Uighur strong in RR. 11
 1525 2030 Indonesia un id w/ Wayang play. Fair. 9
 1548 2020 Philippines DZFB unk, PBS promo. 10
 1566 1915 S. Korea HLAZ, FEBC Cheju KK religious over India. 9
 1557 1915 Taiwan Family Radio, powerhouse in CC call on the hour. 9
 1575 1205 Thailand VOA, Bangkok strong in EE. 10
 1593 2000 Taiwan Fisheries, Llan w m/a f/a CC weather. Strong 10
 1604.2 2005 Indonesia Un id w/Indonesian talk fair sig 4
 1674 0850 Philippines DZBF, Manila good in Filipino to s/off 1130. 11

N. AMERICA

1070 0910 USA KNX Los Angeles on CBS nx 11

1100 0912 USA KFOX San Francisco w/ life matters religious. 11
 1150 0905 Mexico XECMQ, Mexico C, on Nx best Mex. 11
 1160 0855 USA KSL Salt Lake City on oldies. 11
 1180 0933 Cuba R. Rebelde,Vila Maria in SS NOT //6030 Not Marti.11
 1220 0950 Mexico XEB, Mexico C. w/ Serenade mx 11
 1410 0907 Mexico XEKB, Guadalajara w/ Linda Rhonstadt in SS 11
 1500 0915 Mexico XEDF, Mexico C. M/a in SS mex mx. 11
 1520 0824 USA KOMA, Oklahoma on oldies. Fair 9
 1560 0945 Mexico XEFAJ, Mexico C. good w/ Mex ballads. 11
 1590 0845 USA KUNX Ventura, lots of Unica i/ds. 11
 1600 0850 USA KGST Pomona on SS talk back 11
 1620 0929 USA WTAW, College Station TX w/Coast to Coast good 11
 1650 0920 USA KFOX, Torrance fair in Korean. 11

SOUTH AMERICA - Long Path

Hets noted on 11/5/01 only at 2150UTC from Brazil: 1050,1280,1330,1540,1550 11

PACIFIC

567 0815 Guam KGUM Agana on news over 4JK 8
 585 0805 PNG NBC Pt. Moresby on local news. Dominant. 8
 612 0812 Guam KUAM Agana call and talk back mixing with 4QR. 7
 760 0840 Hawaii KGU Honolulu w/ sports fair 11
 810 0836 Fiji FBC, Labasa in Hindi good. 11
 1035 0810 Solomon Is. SIBC, Honiara on EE news. Strong. 8
 1494 0850 FSM Yap V6AI, Yap strong w/VOA news 8
 1500 0912 Hawaii KUMU Honolulu, "original hits koomooAM1500". 9
 1540 0920 Hawaii KISA Honolulu, good in Korean // 1650. 11
 1584 0810 FSM Kosrae V6AJ, Kosrae on Rap & Funky mx few ann. 9
 1593 0807 FSM Chuuk V6AK, Chuuk, local lang church service/sermon. 9

As you can see we logged many countries on the Medium Wave band. This is an ideal lead in for something special at Broome may be one day ! I feel Broome would be perfect for some long path Brazilians and stacks of Africans.



Top Left.: Chris Martin standing at the gates to Christian Voice Facility- Cox Peninsula

Top Right: Chris Martin logging Radio UNTAET from Vestys Beach Darwin with Box Loop.

Left: Brian Dodgson logging South Africa from Island Lagoon, South Australia.