

N.Z. RADIO



LEAGUE

New Zealand DX Times

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Digital Radio has arrived!

Compiled by
Adrian Sainsbury
Technical Manager
Radio New Zealand International

Digital Radio Mondial (DRM) is the worldwide standard for digital transmissions in the short wavebands. It is also designed for use in the medium and long wave bands. DRM uses existing frequencies and bandwidth. With it you get clear, near-FM quality sound that offers a dramatic improvement over analogue.

And with the right equipment you can hear it now!



The work towards a new global transmission standard officially started on March 3rd 1998 at a ceremony in Guangzhou, China, hosted by the Academy of Broadcasting Science of China. Twenty of the world's most important broadcast-related organisations signed an agreement to develop specifications for a new digital radio technology that promises interference-free AM listening, improved fidelity and new data services. The move also brought instant recognition from international bodies such as the International Telecommunication Union and European Broadcasting Union .

On Monday, June 16th, 2003 International, national and local broadcasters simultaneously began the world's first live, daily Digital Radio Mondiale [DRM] broadcasts across the globe. This historic event had been arranged to coincide with the ITU's World Radio Conference in Geneva.

Contribution deadline for next issue is Wed 3rd Sept 2003 PO Box 3011, Auckland

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I just happened to be on holiday in England visiting the rellies when my boss called and asked me to go to Geneva and represent RNZI at the official launch of DRM Broadcasting.

A very good reason for attending was that RNZI's Pacific Short-wave Service, subject to Government approval, plan to be on the air with a DRM transmitter in 2 years time.

RNZI certainly gave me one of the toughest assignments I can remember! I was delighted to be able to attend DRM's debut at a glittering evening reception at the Chateau de Penthes. I joined around 300 other guests at this stunning location not far from the ITU Building — The reception was held at this lovely Chateau set amongst a beautifully landscaped garden with sweeping views of Lake Geneva and you could see Mt. Blanc in the distance.

The weather was hot and humid not what I expected to find in Switzerland. During the afternoon staff from the BBC and Radio Netherlands were busy setting up the antennas and receivers, checking DRM reception quality. BBC staff were more than happy to give me a demonstration of a BBC programme coming in on short-wave from the UK. The sound quality was impressive as were the elaborate BBC made receivers they were using! There was also on display a modified Sangean receiver which performed very well.

Engineers carefully checked everything - all this so the Chairman of DRM Peter Senger during the evening banquet could push the big switch to officially switch on Digital Radio. The big speech happened halfway through dinner and the Chairman officially opened DRM and after the switch had been symbolically pushed, from then on listeners in Europe could tune to a DRM signal in the AM and short-wave bands.

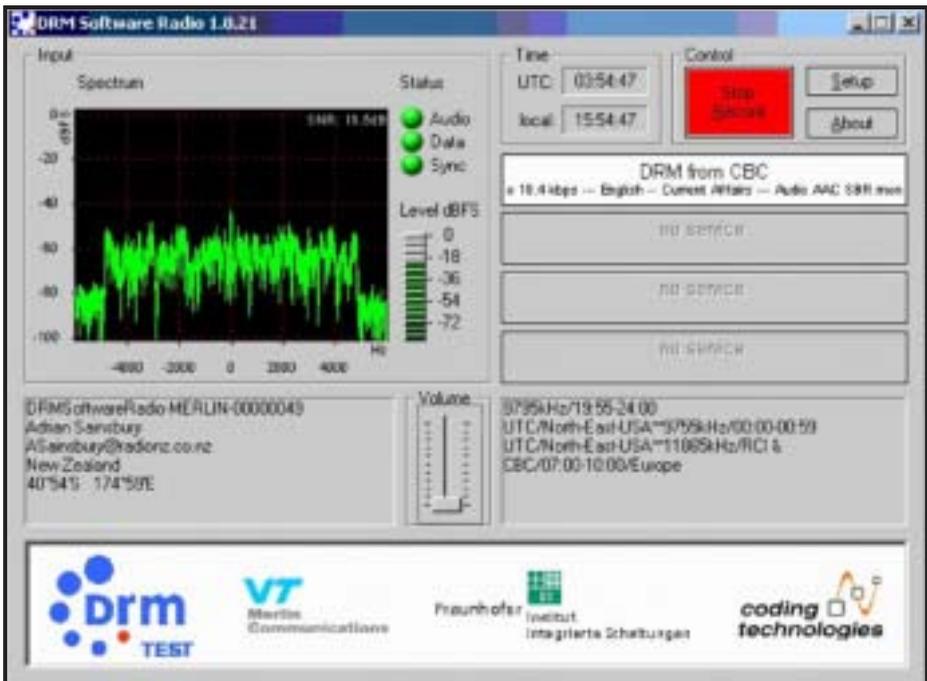
The dinner was excellent and I was fortunate enough to meet with many DRM members from around the world. To name just a few : *BBC World Service, CBC/ Radio Canada International, Christian Vision, Deutsche*

Welle, DeutschlandRadio, local station Georg-Simon-Ohm-Fachhochschule (Nuremberg), Kuwait Radio/Ministry of Information of Kuwait, Radio France, Radio France Internationale, Radio Netherlands, RTL, Radio Vaticana, Swedish Radio International, Voice of America, Voice of Russia, Wales Radio International.

It is possible to hear a few DRM transmissions here in NZ. At around 1930 UTC on 9855 kHz there is a low bit rate Arabic transmission beamed to Europe. As my Arabic is not that good I find the BBC World Service of more value at 0300. This one hour daily broadcast is using the Sackville transmission site in Canada to beam the programme to Central America. This is a 20-kilobit stream and is near FM Mono quality but unfortunately propagation does not always allow good reception. There is also weekend only service beamed to NZ at 0430-0530 on 15400 from Bonaire in Central America.

For a full schedule of DRM broadcasts go to www.rnw.nl/realradio/html/drm_schedule.html

How do you get to hear these broadcasts? You will need a receiver with a 12kHz IF, because this frequency is within the range of PC soundcards. Many radio receivers have an IF of 455kHz, so the extra circuit board mixes this down to the soundcard range. The PC soundcard is used to analyse the DRM signal. The DRM web site has a list of receivers and circuit diagrams on how to modify for DRM reception. There is a cost, DRM charge 60 Euros for the receiver software download.



The picture above is a screen shot of Adrian's DRM software receiver located in Wellington listening to BBC World via CBC transmitter site.

Radio New Zealand International

Press Release

RADIO NEW ZEALAND INTERNATIONAL
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Tuesday, July 29, 2003

Radio New Zealand International is going to be on air for 24 hours with a new extended news and current affairs service from the beginning of September.

A new daily regional current affairs programme called Dateline Pacific will be broadcast at 0800 hrs UTC [2000 NZST] Monday to Friday.

Dateline Pacific will provide a daily round-up of the very latest news from the Pacific with interviews and features with all the region's newsmakers. It will draw on the work of RNZI staff and 20 Pacific journalists based in the region.

An updated version of the programme will run in RNZI's Pacific Breakfast Show and it will be rebroadcast at different times to give our audiences around the Pacific in different time zones a chance to listen in.

Dateline Pacific will also be available to listen to or download from the RNZI web site - www.rnzi.com

The Bulletin service is also being extended with extra hourly Pacific News at 0100, 1100, 1300, and 1500 UTC.

During our extended hours of broadcasting, Radio New Zealand International will run a mix of RNZI-originated material and the best of New Zealand's National Radio.

All this from 1 September, 2003 RNZI on the air 24 hours a day.

Dateline Pacific will play at these times on Short-wave to the Pacific and also the Internet - 0308, 0808, 1108, 1308, 1508, 1815, 2015, 2215 UTC

Pacific News Bulletins can be heard at these times:

0100, 0300, 0800, 1100, 1300, 1500, 1700, 1800, 1900, 2000, 2100, 2200 UTC

On Short-wave and the Internet the Forces Radio Programmes will play at additional times as well,

Saturdays at 1100, 1500, and 1900 UTC, Sundays at 1100 and 1500 UTC.

Adrian Sainsbury
Technical Manager, Radio New Zealand International
P O Box 123
Wellington



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

KHz	UTC	Country, Station, Programme, & Reception Details
3255	1039	BRAZIL, R Difusora Seis de Agosto with lively announcements in Portuguese followed by ballad — PWO 5/7
3300	1130	GUATEMALA, R Cultural good with OM in Spanish with clear ID then prgm until 1131 — MTA 28/6
3320	0302	STH AFRICA, R Sonder Grense with man with news in Afrikaans followed by pop vocals to 0305fair with RTTY QRM - # RAD 18/6
3795.5	0800	ECUADOR, La Voz del Napo fair with Catholic relig prgm in Spanish — AJS 28/7
4426.7	1026	PERU, R Bambamarca fair/poor though in the clear with ID, TC, all with echo, then chicha music — PWO 11/7
4635	1946	TAJIKISTAN, Tajik Radio poor in Russian with comment and orchestral music KAB 30/6
4734.4	1002	BOLIVIA, R San Miguel Riberalta fair though distorted, usually on 4930.4 — PWO 25/7
4746	0905	PERU, R Huanta opens at v good level in Spanish with good IDs — IC 16/7
4747	0955	PERU, R Huanta good in Quechua, Andean music, much echo on ads, dog & Rooster sounds, ID 0957 — KVB 15/7
4755	1030	PERU, R Tarma poor in Spanish, ID at 1035 — IC 14/7
	1010	PERU, R Tarma good in Spanish with Latin music, OM with ID 1025, a little noisy — CC 8/7
	1015	PERU, R Tarma fair in Spanish lively music with MA, ID 1026 — KVB 15/7
4790	1106	PERU, R Atlantida fair in Spanish with spoken prgm, clear ID 1129 — KVB 14/7
4790	2021	INDONESIA, RRI Fak Fak fair with EE pops, ID 2023 then more Elton John — PWO 18/7
4815	0246	BRAZIL, R Diff Londrina woman with vocal followed by man with Portuguese talk, ID - # RAD 19/6
4820	0215	BOTSWANA, R Botswana with local music, lively talks in Setswana and mentions of Gaborone, IDs at 0242 and 0253, fair - # RAD 1/7
4835	0820	AUSTRALIA, ABC Alice Springs good with interview — AJS 7/7
	1908	MALI, ORTM, Bamako poor in vernac, some ute QRM — KAB 30/6
	1918	MALI, ORTN Bamako good with talk in vernac — PWO 25/7
4845	1855	MALAYSIA, RTM KL fair/good with Hindu songs and OM in Hindi at 1900 — MTA 16/7
4855	0920	BRAZIL, R Voz do Coracao Imaculado fair in Portuguese with relig prgm and QRM from another Brazilian — IC 8/7
4870	1000	INDONESIA, RRI Wamena good in Indonesian with local pop music, 1002 fanfare ID and OM/YL announce "prgm nasional". Thanks to PWO for QTH update — KVB 30/7
4890	1340	PNG, Port Moresby v good in EE with messages and listeners requests — KAB 1/7
4910	0246	ZAMBIA, Zambia NBC with Fish Eagle IS until choral natl anthem at 0250.

After drums, ID and s/on announcements, lots of fast talk in something like EE with drum music with 5915 kHz mentioned. 0300 prgm of high life vocals began - # RAD 27/6

	1910	ZAMBIA, R Zambia poor with comment in vernac, some ute QRM — KAB 30/6
4915	1855	GHANA, R Ghana (tent) weak with Afro songs and news in unid language by YL at 1900 then more songs — MTA 21/7
4930	2030	TURKMENISTAN, Turkmen Radio with ethnic music with EE comments, very noisy — KAB 30/6
4930.4	1004	BOLIVIA, R San Miguel fair with lively prgm, IDs, animal sounds and music interludes — PWO 11/7
4931	0913	BOLIVIA, R San Miguel poor in Quechua and Spanish with accordian music, ads, rooster, ID 0937 — KVB 23/7
4965	1125	BRAZIL, R Alvorado good in Portuguese — IC 14/7
5010	0258	MADAGASCAR, Radio TV Malagasy with choral anthem at 0301 then opening ID and announcements followed by news in Malagasy- # RAD 23/6
	1850	MADAGASCAR, R Madagascar fair with radio theatre in French, ID at 1900 then natl anthem, IS and off at 1907 — MTA 20/7
5019.9	0931	SOLOMON IS, SIBC with news in EE with ID 0934 followed by public announcements, poor due to noise and fading - # RAD 7/7
5020	1340	SOLOMON IS, SIBC v good with relay of BBC WS — KAB 1/7
5040	1152	MYANMAR, R Myanmar fair with YL in Burmese(?), ID at 1200 and songs and chat until 1230- MTA 2/8
5046.7	2330	TOGO, R Togo fair with low audio with Afro music, talk by MA in French before top of hour, off 0005 - # JB 12/6
5050	1855	TANZANIA, R Tanzania (tent) weak with YL in Swahili interviewing a man over the phone — MTA 10/7
5055	1014	BRAZIL, R Difusora, Caceres poor with talk in Portuguese, rarely heard here PWO 25/7
5446.5	0700	USA, AFN on USB from Florida poor with news in EE — AJS 14/7
	0159	USA, AFN Key West with ID at top of hour followed by AP Network news, Sports Byline, fair - # RAD 2/7
	0726	USA, AFN Florida poor/fair with radio drama on new freq ex 12689.5// 7507 ex 6458.5 from Puerto Rico better while 6350 from Hawaii best of all, all in USB — PWO 1/7
5745	0421	USA, WHRI good in EE with announcements and ID — CC 26/7
5825	0426	USA, WEWN good in EE with 2 YLs and OM talking about signs of hope — CC 26/7
5875	0245	UK, BBC WS fair in Russian news with some reports in EE, ID 0259 — KVB 9/7
5935	2043	TIBET, Xizang PBS Lhasa good in Chinese with CNR1 prgm with comment and 2 Fas with discussion // 7170, 4820 — KAB 30/6
5952.5	1001	BOLIVIA, R Pio Doce fair in Spanish and vernac with talk, ads, ID 1014 — KVB 16/7
5955	0910	BRAZIL, R Gazeta fair in Portuguese — IC 28/7
5985	1835	CONGO, R Brazzaville weak with OM in French saying "Radio Nationale" and several afro songs — MTA 8/7
	2100	CONGO, RTV Congolaise weak but clear in French, not audible prior to 2100 due to heavy QRM, gone by 2125 — IC 22/7
	2246	CONGO, R Congo French talk anf French vocals, ID at 2259, fair/good - # RAD 7/7
5990	0900	BRAZIL, R Senado v good in Portuguese — IC 23/7

	1008	BRAZIL, R Senado fair in Portuguese with phone-in prgm and ads. Starts to fade 1025, ID 1035 — KVB 2/7
6020.3	0235	PERU, R Victoria with long Spanish relig talk, ID and announcements at 0300 followed by fast talking MA, poor/fair - # RAD 26/6
6025	1904	HUNGARY, R Budapest fair in EE with Hungary Today, ID 1905 — KAB 3/7
6035	0947	COLOMBIA, La Voz del Guaviare non stop Latin vocals until Spanish ID and TC and freq announcements at 1000, mix of short talks and IDs then return to Latin music - # RAD 7/7
6040	0158	BRAZIL, R Clube Paranaense with fast talking Portuguese Mawith ID and freq announcements at top of hour, good - # RAD 19/6
6050	0415	ECUADOR, HCJB fair in Spanish — IC 3/8
6055	0455	SPAIN, REE good in Spanish with music with drumming, ID 0455 — CC 19/7
	0913	JAPAN, R Tampa good in Japanese with orchestral music, // 9595 the same, some distortion — CC 14/7
	2100	UK, NHK via Skelton v good in EE — IC 5/7
6060	0903	ARGENTINA, R Nacional good in Spanish with news, ads, ID 0919 — KVB 9/7
6110	0518	CANADA, NHK/R Japan good with talk by MA in EE — RD 4/8
6125	0944	ECUADOR, HCJB v good in Quechua with relig talk and local music, ID 0957, off at 1000 — KVB 2/7
6134.8	0235	BOLIVIA, R Santa Cruz fair/good with station song — PWO 13/7
6150	0216	BRAZIL, R Record, Sao Paulo presumed with soccer commentary, weak and rarely heard these days — PWO 13/7
	1845	UK, RKI fair in French until 1859 ID, possible Arabic from 1900 with FA — KVB 13/7
6155	1016	BOLIVIA, R Fides fair in Spanish with MA with talk and ads, ID 1118, 1132 — KVB 1/7
6160	1000	CANADA, CKZN with CBC Overnight poor /fair with CBC news — AJS 20/7
	1113	PHILIPPINES, VOA good in EE with news — RD 3/8
6175	0950	COSTA RICA, Faro del Caribe good with music and ID — AJS 20/7
6180	0942	BRAZIL, R Nacional fair with music, talk and phone-in crying baby in background, ID 0943 — KVB 23/7
6195	1905	UK, BBC WS Rampisham good in EE with comment on events in Singapore KAB 1/7
6215	1017	ARGENTINA, R Baluarte weak in Spanish with talk — PWO 25/7
6350	1029	HAWAII, AFN on USB in EE with Time, ID, and news, some distortion — CC 29/7
6536.5	0304	PERU, R San Miguel, Huancabamba poor though improving with chicha music and comments until s/off 0359 — PWO 13/7
6575	1910	NTH KOREA, V of Korea with typical audio with comment on Nth Korea, many mentions of DPRK — KAB 3/7
6585	0845	BOLIVIA, R Nueva Esperanza good in Spanish — IC 8/7
6585.4	0130	BOLIVIA, R Nueva Esperanza (tent) with MA with Spanish talk followed by natl anthem, weak - # RAD 22/6
	0845	BOLIVIA, R Nueva Esperanza v good at this time. Still there at 0920with relig talks and hymns, good IDs — IC 8/7
	0902	BOLIVIA, R Nueva Esperanza El Alto mostly spoken prgm in Quechua or Aymara with folk music interludes, best on LSB to avoid ute QRM — PWO 25/7
6925	0146	PIRATE, the Voice of Capt. Ron Shortwave on USB with IDs, e-mail address, fair/good - # RAD 16/6

0202 PIRATE, WHYP with JB with long talk, fair - # RAD 25/6
0223 PIRATE, Unid fair/good with continous music - # RAD 22/6
0235 PIRATE, WHYP with singing nun followed by comment on station, good - # RAD 15/6
0246 PIRATE, WANP with prgm of Jay Smilkstein bits with ID at 0255, no address noted, good - # RAD 15/7
0920 PIRATE, Nth Am via KIPM, Under cover Radio asking for e-mails to undercoverradio@mail.com and closing after brief piano tune - # JB 3/8
6950 0107 PIRATE, Sunshine Radio with music, ID, FA, fair but better when switched to 6955 at 0111 - # RAD 14/7
0109 PIRATE, Big Thunder Radio with live broadcast from Beantown with music, gave e-mail address, closed at 0200 with ID, poor/fair - # RAD 14/7
0202 PIRATE, Sycho Radio on USB with rock music until ID at 0216, after long talk ended broadcast, fair - # RAD 22/6
0310 PIRATE, Wacko Radio on USB with rock music and continous ID until off - # RAD 23/6
6955.2 0300 PIRATE, WMPR rock music and talk until ID at 0315 and off, fair - # RAD 15/7
7105 1915 GREECE, R Sawa good with US pops upbeat announcers in Arabic — KAB 3/7
7130 1130 TAIWAN, R Taipei Intl poor in EE — IC 14/7
7135 1915 FRANCE, RFI good in Russian with comment to Eastern Europe, ID 1916 — KAB 3/7
7160 0414 ASCENSION IS BBC fair in EE with news and ID 0416, rather noisy on and off CC 1/8
7185 2110 GERMANY, D Welle in German to Africa, slight het — KAB 6/7
7190 0420 TUNISIA, RTV Tunisienne good in Arabic with indig music // 7275 the same CC 1/8
7195 2210 GREECE, R Sawa via Kavala fair in Arabic — IC 2/7
2250 UK, R Sawa via Woofferton good in Arabic with Eastern music, ID 2251 — KAB 3/7
7200 1533 JAPAN, R Japan fair/good in EE with programme details, ID and off, some QRM — CC 6/7
7225 0427 RWANDA, R D Welle fair in EE with news about Africa, ID 0430, scratchy — CC 1/8
7240 2110 AUSTRALIA, R Australia good in EE with comment on terrorism, ID 2114 then onto Iraq — KAB 6/7
7245 0956 RUSSIA, Yakut Radio fair in vernac and Russian with OM/YL, pop music, ID 0956. At 1014 audio off but carrier still on — KVB 3/7
1537 IRAN, VOIRI good with YL/OM with news // 9635, 11775 the same — CC 6/7
7255 0451 NIGERIA, V of Nigeria good in EE with music, ID 0455, fair in French from 0457 — KVB 7/7
2115 ITALY, RAI with IS, s/on ID, fair in unid language — KAB 6/7
7260 0517 VANUATU, R Vanuatu poor/fair in EE and Bislama with discussion and relig talk, ID 0542 — KVB 8/7
1920 GERMANY, VOA good in EE with comment on organic farming followed by Functioning in Business — KAB 3/7
7265 0057 GERMANY, Info Radio with news and discussion in German with jingle IDs, fair - # RAD 1/7
7285 2020 RWANDA, R D Welle good in Portuguese with talk, 0247 music till s/off 2049, several IDs 2022 — KVB 8/7
7315 2120 RUSSIA, RFI via Vladivostok good in French with jazz and comment — KAB 6/7
7375 0443 COSTA RICA, University Network fair in EE with Dr Gene Scott, ID at 0447, a little noisy — CC 1/8

7385	0630	USA, WRMI with Intl B/Casting Corp prgm with fair signal but slightly over modulated, in EE. — Lou Gentile Show. ID at 0700, ads, then noise until off at 0748. Back on at 0753, ID 0800, classical music, noise, music then finally off at 0858 - # JB 20/7
7410	2125	INDIA, AIR Bangalore good in EE with comment on Oscar Wilde's poetry, ID 2141 — KAB 6/7
7415	0400	USA, WBCQ poor/fair with full ID 0400 then episode of "Amos & Andy" followed by Bro Stair — KVB 8/7
7445	0256	COSTA RICA, RFPI poor/fair with discussion and phone-in on Public Affairs, FA, 0302 ID and address — KVB 3/7
	0454	COSTA RICA, RFPI good with 2 OMs discussing peace in EE, ID at 0500 — CC 1/8
	1130	TAIWAN, R Taipei Intl fair in EE — IC 14/7
7475	0110	GREECE, FTH fair/good with trad. Greek songs and bright music, MA with ID 0204 — KVB 4/7
7507	0700	PUERTO RICO, AFN fair with news on USB // 5446 — AJS 14/7
	2337	PUERTO RICO, AFN on USB with Sports Byline, good on this new frequency - # RAD 1/7

Logging of the month goes to **Paul Ormandy**
for Radio Difusora, Caceres, BRAZIL on 5055kHz.

My thanks to all the contributors, with a good variety of loggings this month.

73's, Ken Baird

CONTRIBUTORS FOR THIS MONTH

AJS— Andrew Sunde, Ohai, ICF 2001, 5MHz dipole, 40m wire : **CC** - Cliff Couch, Paraparaumu, ATS 803A, 60m horizontal loop, 32m E/W wire, 4 band N/S dipole : **IC** — Ian Cattermole, Blenheim, JRC NRD 535, T2FD and Alpha Delta antennas : **JB** — Jerry Berg, Lexington, MA, USA, R8, 130ft longwire, 19 & 90m dipoles : **KAB** - Ken Baird, Christchurch, R5000, Drake SW2, 18m Wire, SW Eavesdropper : **KVB** — Kelvin Brayshaw, Levin, FRG7, ICF2001, Horizontal loops : **MTA** — Marcelo Toniolo, Auckland, NRD 545 DSP, 10m wire : **PWO** — Paul Ormandy, Oamaru, AOR 7030+, Numerous 20-30m dipoles : **RAD** — Richard D'Angelo Wyomissing USA, R8B, Lowe HF 150, Alpha Delta sloper, RF Systems mini windom, Datong FL3, JPS ANC4 : **RD** — Ray Davey, Oamaru, R1000, 30m Sloper .

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bandwatch.over9@radiodx.com

Compiled by Andy McQueen, Brightwater

Hello again from Brightwater, where the previous month we had severe floods last month we had a record drought, and lots of frosts. This month we now have twin bridges over the Wairoa River The old 2 lane bridge now is a single lane for northbound traffic and the new single lane bridge is for south bound traffic. So watch out if your travelling this way. Now back to radio listening This month with the better weather should bring better reception conditions in the higher bands. Please note all times given are UTC.

KHZ	TIME	COUNTRY STATION & PGM DETAILS	INITIALS
9330	0305	USA WCBQ Good in EE about Sci -fi and transonic weapons then America Voice pgm a load of garbage plus promos for other pgms 3/7	RFK
9335	1547	NTH KOREA V of Korea Good in EE Music then Id 6/7	CC
9370	2116	USA WTJC Fair in EE with religious talk & Mx At 2130 Id as FBN Radio at 2141 Id as WTJC/ WDOA Still audible at 2245 9/7	KVB
9385	1758	GUAM KSDA Strong in EE with Hymns then Id and S/off 28/7	CC
9440	0000	CZECH REPUBLIC R Prague Good in EE coming on air at this time with Nx then at 2010 items on Winter Winter Olympics and Czech crown jewels 4/7	RFK
9440	1940	CHINA CRI Good in EE with discussion on floating exchange rates 10/8	AMQ
9465#	0028	AUSTRIA FEBA Radio via Moosbrunn I/Sig until opened with Spotlight Program in English. At 0045, program language change with two Ids and I/Sig. Good signal but slop from Voice of Turkey on 9460.1/7	RAD
9490	0421	GERMANY RTBF Good in FF with talk & contemporary Music Id 0427 10/7	KVB
9525	1905	PHILLIPINES VOA Good in EE with Border Crossing pgm featuring Elvis Presley singing "Good Luck Charm" // 88.4 FM (Mainland TV Nelson) Good in FM Stereo 31/7	AMQ
	1950	Good in EE with Nx - In Botswana 2 in 5 have Aids Id 1955 11/7	KVB
9525	2031	TURKEY VOT Strong in EE with transmission details Id and News 6/7	CC
9555	1025	PHILIPPINES R Veritas Asia Fair with theme Mx Id and announcing Next Vietnamese pgm on 11850 S/off 1027 27/7	KVB
9570	0224	HUNGARY R Budapest V/good in EE from 0230 very short newscast then insight Europe and about EU matters and about Czech pubs not meeting EU standards Ron says sounds like OSH down here 6/7	RFK
9575	0425	USA VOA Greenville NC Good in EE with Science feature Nx at 0430 2/8	AMQ
9580	0430	SERBIA International Radio Serbia - Montenegro Good in EE with S/on and Id as "This is International Radio Serbia - Montenegro" then Nx 2/8	AMQ
	0430?	Good in EE about The Hague Tribunal 19/7 DWW (You didn't give a time so I assume you heard this at 0430 UTC as others have reported recently in this magazine - Ed)	
9580	0510	GABON Afrique No 1 Good in FF with Sports Nx general Nx and Mx Clear Channel Id at 0518 22/7	KVB
9590	0458	NETH ANTILLIES R Nederland Bonaire Good in EE with Id and frequencies then feature pgm 2/8	AMQ
9660	0433	ITALY Vatican Radio Strong in FF with chanting then spoken pgm //11625	

the same 26/7 CC (Note the main transmitters for Vatican Radio are in Italy but NZRDXL verification rules treat them as being part of a separate country Vatican City State - Ed)

9685	0615	BRAZIL Radio Gazeta. Weak but clear in PP religious. 4/8 IC
9700	1947	CHINA CRI Strong in FF with talk and some Music Id at 1955
9720	0606	PERU R Victoria Fair in SS with intense sermon Id 0900 20/7 KVB
9720	2029	TUNISIA RTV Tunisienne V/Strong in AA with Koran , talk and Mx Id 2030 10/7 KVB
9720	2200	SRI LANKA D/Welle via Trincomalee. V/Good in EE. 28/7 IC
9780	0600	PORTUGAL D/Welle via Sines. V/Good in EE. 29/7 IC
9820	0505	CUBA R Habana Cuba Fair in EE with News 2/8 AMQ
9840	1024	VIETNAM V of Vietnam Good in EE with Nx //12015 weaker 29/7 CC
9925#	0425	CROATIA V of Croatia Zagreb V/good in GG with discussion pgm DWW
10320	0314	HAWAII AFRTS in USB mode Fair in EE with sports commentary Steady QRN 12/7 CC
11530	0424	USA WYFR Okeechobee Pgm in PP until 0430 then in slow English at 0455 for 5 mins and FF at 0500 Excellent signal 28/6 RFK
11600	0331	CZECH REPUBLIC R Prague Good in EE with Czech Nx and Wx 12/7 CC
11655#	0345	TURKEY VOT V/good in EE with archaeology pgm 18/7 DWW
	0317	Good in EE with talk about Turkish Archaeology research 12/7 CC
11710	0501	SOUTH AFRICA Channel Africa Good in EE with News on Africa Id at 0530 6/7 CC
11750#	0405	RUSSIA VORWS V/Good in EE with item about grain 19/7 DWW
	0425	Good in EE with Talk about Moscow Slight interference 6/8 ABD
11750	0815	AUSTRALIA. HCJB. VG in EE. 25/7 IC
11765	2000	AUSTRALIA. HCJB. Fair in EE. 27/7 IC
11785	2115	ENGLAND Radio Sawa via Wofferton. V/Good in AA. 31/7 IC
11805	0957	THAILAND R Thailand V/good with I/signal Id in EE then into Thai. Id again at 1002 23/7 KVB
11835	1029	BOTSWANA VOA Fair in EE with Item on teenage magazine published by non profit organization Id at 1056 22/7 KVB
11850	1029	PHILIPPINES R Veritas Asia Strong and surging signal Good in VV I/sig and Id at 1030 then Mx 27/7 KVB
11855.1	2216	BRAZIL Radio Aparecida, Poor in PP with chat and music, rarely heard due to WYFR's occupancy. At 2218 they aired EE ids from WHRI and WSHB! 5/7 PWO
11890	1034	JAPAN RFI Yamata relay Fair in FF with talk and Asian Music Id at 1057 14/7 KVB
11905	2035	UZBECKISTAN R Tashkent Good in EE with News Id at 2042 Steady background noise 6/7 CC
11935	2330	AUSTRALIA Christian Voice. Poor in II. 2/7 IC
11940	0430	ROMANIA RRI Fair in EE with Id and bad splash from D/W on 11945 5/8 ABD
11945#	0410	GERMANY? D/Welle V/good in EE about Nelson Mandela 18/7 DWW
	0430	V/Good in EE with talk on Israel & Palestine 5/8 ABD
12010	2248	UNKNOWN LOCATION R Sawa Good in AA to Iraq with AA & EE pop songs Id 2250 // 12040 Fair 13/7 KVB
12040	0300	UKRAINE RUI V/Good in EE. 2/8 IC
12085	1018	MONGOLIA V of Mongolia Fair in EE Strong signal with a buzz either side Talk on Social issues then local pop Mx Reception reports requested Id 1028 23/7 KVB

1021		Fair with Id announcements A little noisy 29/7 CC
13590	1930	GERMANY RDE via Wert. Fair in EE. 8/7 IC
13630	0600	JAPAN NHK/ R Japan from Yamata. V/Good in EE. 30/7 IC
13685	0615	GERMANY RVI via DTK. Fair in DD. 13/7 IC
13695	1014	INDIA AIR Fair in EE News Id. and announcements at 1016 A little noisy 29/7 CC
13710	0933	RUSSIA R Nederland Fair in EE with Nx Id at 0935 13/7 KVB
13725	2330	N.MARIANAS. VOA via Tinian. Good in special EE. 5/7 IC
13740	0918	THAILAND VOA Good in CC with talk and easy listening Music Id at 0929 13/7 KVB
13820	1754	GERMANY R Africa Int. Good in EE with Id and Music 29/7 CC
13855#	2244	ICELAND AFN - Keflavik Pr/Fr in EE with interview with Donald Rumsfeld, two public service announcements prior to Id at top of the hour "This is the Armed Forces Network". AP Network News followed with CNN Radio Update at 2330. Poor to fair. 13/7 RAD
15130	2130	AUSTRIA AWR Moosbrunn. VG in EE. 17/7 IC
15135#	0240	INDIA All India Radio - Delhi in Hindi language talk. At 0245 brief instrumental music followed by Id and EE news by a woman. Poor and completely covered by noise by 02512 5/7 RAD
15165	2245	AUSTRALIA Christian Voice. Good in CC. 2/7 IC
15240#	0138	AUSTRALIA Radio Australia Shepparton Jun 22, looking for FEBC test found this instead with music pgm to an Id at top of the hour followed by English News. Weak. RAD 22/6
15295	0904	MALAYASIA VOM Fair in MM with Nx easy listening and ethnic Mx Id 0905 13/7 KVB
15385	2013	GT BRITAIN AWR via Woofferton V/good in EE with Africa pgm and Bible pgm then nature study on the Aadvaak and then about spread of TB 22/7 RFK
15410	0400	GERMANY D/Welle Wertachtal V/good in EE Usual News and Newslink on Idi Amin Iraq and ME Road Map etc 22/7 RFK
15420	0130	AUSTRALIA HCJB Good in EE. 25/7 IC
15435	0600	GERMANY R Afrique Int. via DTK. Fair in FF. 13/7 IC
15330	0230	USA. Radio Marti. Fair in SS but suffers jamming. 3/8 IC
15400	1950	ASCENSION ISLAND BBCWS Good in EE with Business News 10/8 AMQ
15640	0400	ISRAEL Kol Israel Good in EE news. FF at 0415. 3/8 IC
17635	0530	RUSSIA VORWS Pr/Fr in EE with Nx and Id // 21790 Poor 5/8 ABD
17655	1530	GERMANY Bible Voice via DTK. Poor in EE. 14/7 IC
17690	0900	CHINA CRI Good in EE. 1/8 IC
17780	0455	HAWAII KWHR Fr/Gd in EE with gospel Mx then Id at 0500 and religious pgm 7/8 ABD
17835	2155	JAPAN RCI Fair in FF with I/signal and Id then changes to R Japan broadcast Id at 2159 16/7 KVB
21700	0448	UAE R Dubai Good in AA with Music & spoken pgm // 15435 & 17870 weaker 19/7 CC
21795	0530	THAILAND R Thailand V/good in EE at s/on with detailed local Nx then tourist pgm and business report to 0559 close 28/6 RFK

Thanks very much to all contributors for this month. Stations reported are indicated by the contributors initials underlined in Bold eg: **AMQ The** use of the # symbol is to indicate station reported outside of New Zealand. Please note I have changed the location of this symbol to beside the frequency.

Logging Competition

The winning logging is Africa No 1 9580 kHz submitted by Kelvin Brayshaw

Your contributions are most welcome either to the email address above or Postal via PO Box 3011 Auckland or direct to me at 85 Waimea West Road Brightwater Nelson.

73's
Andy McQueen

SHORTWAVE EXCHANGE

ABD Arthur De Maine Kakanui Nth Otago Drake R8 & NRD 515 250 ft long wire / **AMQ** Andy McQueen Brightwater Sony 7600 and 1 m telescopic whip / **CC** Cliff Couch Paraparaumu Sangean ATS 803A with 60m horizontal loop/ & 32m E/W random wire & 4 band N/S dipole / **DWW** David Weronika Benson NC USA Grundig YB400 & 30 ft antenna/ **IC** Ian Catermole Blenheim JRC NRD 535 T2FD and Alpha Delta antennae/ **KVB** Kelvin Brayshaw Levin FRG-7 & Sony ICF 2001 60m & 40m horizontal loops/ **PWO** Paul Ormandy Oamaru AOR 7030 ./ **RAD** Richard D'Angelo Wyomissing, PA USA Drake R-8B Lowe HF-150 Alpha Delta DX Sloper RF Systems Mini-Windom Datong FL3 JPS ANC-4 / **RFK** Ron Killick Christchurch Sony 6800 & 40m long wire

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

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

Under "Articles, Research, etc.," "Pot Pourri," we have expanded the material on the Newark News Radio Club with another history, this one written on the occasion of the club's 40th Anniversary in 1967. The first two pages are nearly identical to the first two pages of the 25th Anniversary history (1952) that we posted earlier. The rest is new material, and covers the story from 1952 to the mid-1960s. Also shown is an item from the October 1977 NNRC Bulletin written at the time of the club's 50th Anniversary celebration in Newark. This is less a history than a musing, with some interesting thoughts about the future. (The NNRC closed its doors in April 1982.) -- Irving Potts was the President and guiding light of the NNRC from 1928 until he passed away in 1962, and we have included his newspaper obituary which focuses on his NNRC activities. -- Finally, thanks to longtime NNRC member Reuben Dagold for sending along a photo of the Baltimore contingent taken at the summer 1956 NNRC Convention. Those shown are, L-R: back row, Reuben Dagold, Matt Zahner, Carroll Weyrich and Bill Bauer; front row, an unknown NNRCer at the left, and Mario (Matt) Stutterheim at the right. Old time NNRCers will surely remember these names.

Also under "Articles, Research, etc." "Pot Pourri," a 1929 article about the shortwave broadcasting stations of the world, their times and frequencies. It also included a world time chart. This is the first of several such articles that appeared in the magazine Radio Design, the house organ of the Pilot Radio and Tube Corp., Brooklyn manufacturer of the "Wasp" series of shortwave receivers. We will present more from Radio Design in the future.

Continued Page 37

english in time order

Compiled by Yuri (George) Muzyka, Auckland



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

73 - Yuri, ZL1GYM (yuri@win.co.nz <http://www.linradio.com/sources.htm>)

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

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

Time (UTC)	Frequencies (kHz)	Station Name	Station Country	Log Date	DXer Name
0000	9440g	R Prague	CZECH REP	4/7	RFK
0028	9465g	FEBA Radio	AUSTRIA	1/7	RAD
0130	15420g	HCJB	ECUADOR	25/7	IC
0138	15240p	Radio Australia	AUSTRALIA	22/6	RAD
0159	5446.5f	AFN	USA	2/7	RAD
0224-0230	9570g	R Budapest	HUNGARY	6/7	RFK
0240-0251	15135p	All India Radio	INDIA	5/7	RAD
0256-0302	7445f	RFPI	COSTA RICA	3/7	KVB
0300	12040g	RUI	UKRAINE	2/8	IC
0305	9330g	WCBQ	USA	3/7	RFK
0314	10320(USB)f	AFRTS	USA	12/7	CC
0317	11655g	VOT	TURKEY	12/7	CC
0331	11600g	R Prague	CZECH REP	12/7	CC
0345	11655g	VOT	TURKEY	18/7	DWW
0400	7415f	WBCQ	USA	8/7	KVB
0400	15410g	D/Welle	GERMANY	22/7	RFK
0400-0415	15640g	Kol Israel	ISRAEL	3/8	IC
0405	11750g	VORWS	RUSSIA	19/7	DWW
0410	11945g	D/Welle	GERMANY	18/7	DWW
0414-0416	7160f	BBC	UK	1/8	CC
0421	5745g	WHRI	USA	26/7	CC
0425	11750g	VORWS	RUSSIA	6/8	ABD
0425-0430	9575g	VOA	USA	2/8	AMQ
0426	5825g	WEWN	USA	26/7	CC
0427-0430	7225f	D/Welle	GERMANY	1/8	CC
0430	9580g	Int Radio Serbia	SERBIA	2/8	AMQ
0430	11940f	RRI	ROMANIA	5/8	ABD
0430	11945g	D/Welle	GERMANY	5/8	ABD
0443-0447	7375f	University Network	COSTA RICA	1/8	CC
0451-0457	7255g	V of Nigeria	NIGERIA	7/7	KVB
0454-0500	7445g	RFPI	COSTA RICA	1/8	CC
0455-0500	11530e	WYFR	USA	28/6	RFK
0455-0500	17780g	KWHR	HAWAII	7/8	ABD

0458	9590g	R Nederland	NETHERLANDS	2/8	AMQ
0501-0530	11710g	Channel Africa	SOUTH AFRICA	6/7	CC
0505	9820f	R Habana	CUBA	2/8	AMQ
0517-0542	7260f	R Vanuatu	VANUATU	8/7	KVB
0518	6110g	NHK/R Japan	JAPAN	4/8	RD
0530	17635f:21790p	VORWS	RUSSIA	5/8	ABD
0530-0559	21795g	R Thailand	THAILAND	28/6	RFK
0600	9780g	D/Welle	GERMANY	29/7	IC
0600	13630g	NHK/R Japan	JAPAN	30/7	IC
0630-0858	7385f	WRMI	USA	20/7	JB
0700	5446.5(USB)p	AFN	USA	14/7	AJS
0700	5446(USB):7507(USB)f	AFN	USA	14/7	AJS
0726	5446.5(USB)f:6350(USB)g	AFN	USA	1/7	PWO
0815	11750g	HCJB	ECUADOR	25/7	IC
0820	4835g	ABC	AUSTRALIA	7/7	AJS
0900	17690g	CRI	CHINA	1/8	IC
0931-0934	5019.9p	SIBC	SOLOMON IS	7/7	RAD
0933-0935	13710f	R Nederland	NETHERLANDS	13/7	KVB
0957-1002	11805g	R Thailand	THAILAND	23/7	KVB
1000	6160f	CKZN	CANADA	20/7	AJS
1014-1016	13695f	AIR	INDIA	29/7	CC
1018-1028	12085e	V of Mongolia	MONGOLIA	23/7	KVB
1024	9840g:12015f	V of Vietnam	VIETNAM	29/7	CC
1029	6350(USB)	AFN	USA	29/7	CC
1029-1056	11835f	VOA	USA	22/7	KVB
1113	6160g	VOA	USA	3/8	RD
1130	7130p	R Taipei Int	TAIWAN	14/7	IC
1130	7445f	R Taipei Int	TAIWAN	14/7	IC
1340	4890g	Port Moresby	PNG	1/7	KAB
1530	17655p	Bible Voice	GERMANY	14/7	IC
1533	7200g	R Japan	JAPAN	6/7	CC
1547	9335g	V of Korea	NTH KOREA	6/7	CC
1754	13820g	R Africa Int	GERMANY	29/7	CC
1758	9385e	KSDA	GUAM	28/7	CC
1904-1905	6025f	R Budapest	HUNGARY	3/7	KAB
1905	6195g	BBC WS	UK	1/7	KAB
1905	9525g	VOA	USA	31/7	AMQ
1920	7260g	VOA	USA	3/7	KAB
1930	13590f	RDE	GERMANY	8/7	IC
1940	9440g	CRI	CHINA	10/8	AMQ
1950	15400g	BBCWS	UK	10/8	AMQ
1950-1955	9525g	VOA	USA	11/7	KVB
2000	11765f	HCJB	ECUADOR	27/7	IC
2013	15385g	AWR	GT BRITAIN	22/7	RFK
2021-2023	4790f	RRI	INDONESIA	18/7	PWO
2030	4930	Turkmen Radio	TURKMENISTAN	30/6	KAB

2031	9525e	VOT	TURKEY	6/7	CC
2035-2042	11905g	R Tashkent	UZBEKISTAN	6/7	CC
2100	6055g	NHK	UK	5/7	IC
2110-2114	7240g	R Australia	AUSTRALIA	6/7	KAB
2116-2245	9370f	WTJC	USA	9/7	KVB
2125-2141	7410g	AIR	INDIA	6/7	KAB
2130	15130g	AWR	AUSTRIA	17/7	IC
2200	9720g	D/Welle	GERMANY	28/7	IC
2244-2330	13855f	AFN	USA	13/7	RAD
2330	13725g	VOA	USA	5/7	IC
2337	7507(USB)g	AFN	USA	1/7	RAD

shortwave.mailbag@radiodx.com

Compiled by Laurie Boyer , Invercargill

At the time I am doing this mailbag a big controversy is raging on the Internet over someone logging radio New Zealand International on their computer as a shortwave logging and the validity of this as a verification. (See also item on this topic on page 42 - Chief Ed) Please let me have your views on this with your next lot of notes or email me at marylous@es.co.nz or phone is 032169623. New Zealand code is 64. With out further ado I'll get straight into this month's notes.

First up is **Arthur De Maine** who has Radio Cairo back on 9990 and has logged ABC on 2325.

Next is **Paul Aronsen Wallacetown** who has nothing back but has a few reports out. Hear from you next month Paul

Lindsay Robinson Invercargill has one back from HCJB Australia 11770

Andrew Sunde Ohai has one from Deutsche Welle Julich 6140

Ron Killick Christchurch with a good list With Deutsche Welle Kigali 15205, 11945, Komsomolsk 15605, Talata Vol 13755, Trincomalee 9720, WBOH 5920, Radio Bulgaria Plodov 13600, RDP Lisbon 11850, Radio Canada International Horby 5850, Flevo 13690, Sackville 15455,KTWR 15205, KSDA 11850, Voice of Turkey 9830, Radio Japan Skelton. Good going Ron.

Now for regular contributor **Jerry Berg Lexington MA USA** Russia 11975 [EM] Singapore 6150, USA 7385, Waymarks International Ministries via DTK 15650, Pan American Broadcasting 15650 Jerry Says I'm not sure how I got this as I never wrote to them But I recently sent a report to Waymarks and two other programme producers for whom I believe Pan Am is the broker so maybe it was one of them. They thank me for my report for Beacon of Hope India on Julich 9435 which does not correlate with any of my reports. That is an unusual one Jerry

Ian Cattermole Blenheim Has a big list again with Radio Veritas Asia 17860, Radio Japan Yamata 9825, 12030, 13860, VOR via DTK 5985, 9405 [EM] WYFR via DTK 13590 [EM] Bible voice via UAE 9610 [EM] Overcomer via DTK 13810, 9770 [EM] Radio Sweden 9435, KTWR 9975, 11720 [EM] Radio Sawa 7195 [EM] Deutsche Welle Kigali 15205, Wertachtal 9440, 13590, Bible voice via DTK 15600, 17655 [EM] Voz Corocao Imaculado 4855 [EM] Voice international 11935 ? Radio Taiwan 9610, 7130, RVI via DTK 13865 [EM] Radio Gazeta 5995 [EM] Whewthat was a good month lan

Laurie Boyer Invercargill Has Deutsche Welle 12045, 3995, 9720, 9640, 11960, 9440, 9545, 9735, 15605, 15205, 7225, 11945, 9780, 15410, Taiwan 3955, RNZI 9885, Russia 11825, 12070, 17565, 11750, RNZI 11725, Turkey 9830, Greece 21530, KNLS 11765 Norway 17500, Bulgaria 9400 China 9755, 15110.

Best of Month under 9MHz Voz Coracao Imacuado 4885 1kw Ian Cattermole

Best of month over 9MHz Deutsche Welle Kigali 15205 a tie with Ron Killick and Ian Cattermole

shortwave.report@radiodx.com

Compiled by Ian Cattermole, Blenheim

AUSTRALIA:

HCJB Australia Broadcast Schedule. (A03 from 21 July 2003)

English Language Broadcasts. Reports to: english@hcjb.org.au

For mailed reports, please post to: The Voice of the Great Southland

GPO Box 691, Melbourne 3001. Australia

Please include one (1) International Reply Coupon to help cover mailing costs. Thank you!

To the South Pacific (coverage Eastern Australia, New Zealand, South Pacific Islands)

Morning Release (1800 — 2030 UTC): 11765kHz from Kununurra (KNX) 50kW, 120 degree azimuth

Evening Release (0800 — 1200 UTC): 11750kHz from Kununurra (KNX) 50kW, 120 degree azimuth

To South Asia (coverage Indian Subcontinent, Indonesia)

Morning Release (0130 — 0330 UTC): 15420kHz from Kununurra (KNX) 75kW, 307 degree azimuth

Evening Release (1230 — 1700 UTC): 15390kHz from Kununurra (KNX) 75kW, 307 degree azimuth

Urdu Language Broadcasts

To South Asia (coverage Indian Subcontinent)

Morning Release (0100 — 0130 UTC): 15420kHz from Kununurra (KNX) 75kW, 307 degree azimuth

Evening Release (1700 — 1730 UTC): 15405kHz from Kununurra (KNX) 75kW, 307 degree azimuth. (This article comes from HCJB World Radio) All new frequencies (ED)

BIBLE VOICE BROADCASTING:

(Revised schedule w.e.f 4th Aug'2003)

To : Indian Sub Continent

0030-0100 7210 Bengali Daily. 0200-0230 9610 Hindi Daily. 0200-0245 17540 English Sat

0230-0300 11805 English Sat/Sun. 0230-0300 17540 English Sun

0245-0300 17540 English/French Sat. 0300-0330 17540 Hindi Sun. 1530-1545 17655 Hindi Wed

1530-1600 17655 English Mon/Thurs/ Fri. 1530-1600 17655 Urdu Tues

1545-1600 17655 English Wed. 1600-1615 17655 Hindi Mon-Fri

To : Central Africa

1900-1915 13725 English Mon-Thurs. 1900-1930 13725 English Fri/Sun

1900-2000 13725 English Sat

To : East Africa

1630-1700 13810 Amharic Tues/Fri/Sat/Sun. 1630-1730 13810 Amharic Mon/Wed/Thurs

1700-1730 13810 Tigringa Tues

To : East Europe

1800-1815 5970 English Mon-Fri. 1800-1830 5970 English Sun. 1800-1900 5970 English Sat

1815-1830 5970 Russian Mon/Wed/Thurs/Fri. 1815-1830 5970 English/French Tues

1830-1845 5970 English Tues/Wed/Thurs/Fri. 1830-1900 5970 Russian Sun

1900-1930 5970 English Sun

To : Middle East

0500-0530 13840 Arabic Mon-Fri. 0845-1015 17595 Arabic Fri.

1515-1800 15680 English Sat/Sun. 1530-1700 15680 English Mon/Tues

1530-1715 15680 English Thurs. 1530-1800 15680 English Wed/Fri

1615-1730 15750 Arabic Mon-Fri. 1700-1715 17660 Arabic Mon-Fri

1700-1745 15680 Russian Tues. 1700-1800 15750 English Sat/Sun

1800-1815 13845 English Sat. 1800-1900 13845 Farsi Sun

1815-1900 13845 Farsi Sat. 1900-1930 13710 Arabic Thurs

1900-2000 13710 English Fri/Sat/Sun

To : China

1130-1145 13590 English/French Fri. 1130-1200 13590 English Thurs/Sat/Sun

1145-1200 13590 English Mon-Fri. 1200-1215 13590 Vietnamese Mon/Thurs/Fri/Sat/Sun

1200-1245 13590 Vietnamese Tues/Wed. 1215-1230 13590 Cantonese Thurs/Fri/Sat/Sun

1215-1245 13590 English Mon

To : Vietnam

1400-1430 5945 Vietnamese Sat. 1430-1500 5945 English Sat

(From : Bible Voice Website, www.biblevoice.org)

CHINA:

CRI Frequency changes, August 5th. for South Pacific.

The current frequencies for the South Pacific:

09-10:00 UTC 15,210 17,690.

10-11:00 UTC 15,210 17,690

FROM AUGUST 5th:

CRI will broadcast a two hour programme, not the one.

NEW FREQUENCIES (AUG 5th)

09-10:00 UTC 15,250 17,690.

10-11:00 UTC 15,250 17,690 (CUMBRE)

MALTA:

Voice Of The Mediterranean. Current schedule for VOM.

Monday to Saturday. 0530-0600. 6110 in Arabic. 1700-1730. 9605 in Italian.

1730-1800. 9850 in English. 1900-2000. 12060 in English (ex Fri)

2000-2100. 12060 in Arabic. (starts 1900 Fridays)

Sunday. 0500-0600. 17570 in Japanese.

0700-1200. 9605 in Italian, English, Maltese, French, German. One hour each in that sequence.

1900-2000. 12060 in English. 2000-2030. 12060 in French. 2030-2100. 12060 in German.

Transmitter sites are: 6110,9605,9850 Rome. 12060 Moscow. 17570 Komsomolski.
(VOM Radio)

SUDAN:

New "taget radio" for Sudan (I would like to avoid the term "clandestine").

Times (M-F): 1600-1700 on 17630, 1700-1800 on 17660kHz.

United States Agency for International Development Bureau for Democracy, Conflict and Humanitarian Assistance Office of Transition Initiatives

Field Report: SUDAN March 2003

In March, OTI awarded a cooperative leadership award to Education Development Center for the development of a radio service for southern Sudan. The OTI assessment team determined that a lack of access to information in southern Sudan, particularly regarding the ongoing national peace process, is a significant problem. Sudan's great size, with a topography that makes communication and transportation extremely difficult, and largely impossible during the rainy season, and the widespread illiteracy of the generation that has grown up during the war, make radio the first choice for disseminating information. Existing radio broadcasts in regional languages have been limited to broadcasts from the north and sporadic coverage from various international services like the BBC. The scope and duration of these international broadcasts is very limited.

To that end, OTI is funding the development of a radio service for southern Sudan. Radio can be an effective vehicle to address two major concerns: the lack of human capacity and the lack of information about events that affect the everyday lives of the people of southern Sudan. The provision of timely and accurate information can provide motivation for greater civic participation. The radio service will present a diverse mix of timely and relevant programming broadcast in Sudanese languages, (initially Juba-Arabic, Nuer, Dinka and English with the potential to include other major languages of southern Sudan) by Sudanese presenters. The amount of airtime proposes to start at a realistic level of two hours/day within four months and expand to six hours/day.

Quote from: www.usaid.gov/hum_response/oti/country/sudan/rpt0303.html

Bernd Trutenau-LTU via CUMBRE

Further to the above this e-mail from SRS just to hand (ED)

Thank you for your e-mail. I am surprised to hear from someone in New Zealand about our SW service for Sudan. Are you Sudanese, have you worked there, or are you just interested? Regardless, I am happy to hear that we have people wanting to listen to us from all over the world.

We are targeting our broadcasts to Eastern Africa, so you may not be able to hear us, but our programs run at these times at these frequencies:

6 PM to 7 PM (GMT+2) at 17,630 khz. 7 PM to 8 PM (GMT+2) at 17,660 khz

We will be on air Monday through Friday. So if you are listening during the week, you should hear us at 8 AM to 10 AM, assuming you are at GMT+12. Unfortunately, after the sun comes up, SW reception starts to diminish. With luck you may be able to pick us up faintly.

Right now we are running a test signal that consists of 30 minutes of Sudanese music that repeats for the 2 hours. Starting Thursday (August 7) we will add other content, including

some news about Sudan. We are starting humbly and it will be some weeks before we will be able to offer a completely original 2-hour program every day. Still, in the coming days there is much we hope to do. It may be difficult for you to tune us in with only music playing. Starting Thursday it should be easier to identify us when you hear us.

If you have questions, please let me know. You may send a reception report to me or to the radio e-mail, which is srs@edc.org. SRS is Sudan Radio Service. We have dropped the word "independent" from our working title. We think S-R-S has a nicer ring to it.

I look forward to hearing from you.

Best regards, Jeremy Groce, Radio Programming Advisor. EDC (Education Development Center, Inc.) Sudan Radio Service Project. In Washington, DC: (jgroce@edc.org)

UGANDA:

High Adventure Ministries to set up shortwave station in Uganda

According to the latest newsletter of international Christian broadcaster High Adventure Ministries, plans to set up a shortwave station in Liberia have been abandoned due the political situation there. The organisation says it has received permission from the Ugandan government to set up the station in Uganda instead. This will enable High Adventure Ministries to resume shortwave broadcasts to the Middle East. Three years ago, the organisation was forced out of its station on the Israeli/Lebanese border, which had been operating for 30 years, when Israeli troops who had been protecting the area were pulled out. (Radio Netherlands Media Network.)

Ugandan exiles to launch shortwave radio station

Text of report by Ugandan newspaper The Monitor web site on 18 July Ugandan exiles living in Germany plan to launch a radio station. Mr Godfrey Elum Ayoo said in a statement on Wednesday [16 July] that Radio Rhino International-Africa (RRIA) would help overcome the [ruling National Resistance] Movement's control of the free and independent press in Uganda.

"RRIA is a declaration of an airwave campaign in the liberation, protection and promotion of the freedoms of _expression and the rights to information by the press, mass media and the people of Uganda," Ayoo said in an e-mailed statement. Ayoo said that the shortwave radio

station would be based in Kln, Germany. The radio would broadcast in English on daily events throughout Africa. The station would go on air next month, Ayoo said. Ayoo has been living in exile since 1986 when the Movement captured state power. Source: The Monitor web site, Kampala, in English 18 Jul 03. (via BBCM via DXLD)

USA:

AFRTS on Shortwave.

Current Shortwave High Frequencies.

Keep checking <http://myafn.dodmedia.osd.mil/radio/shortwave> for the posting of new frequencies and transmitters when they become available.

Location	Daytime	Nighttime
Diego Garcia	12579 kHz	4319 kHz
Guam	13362 kHz	5765 kHz

Keflavik, Iceland 13855 kHz 13855 kHz
Key West, FL 12.1335, 5.4465 MHz same as daytime
Pearl Harbor, Hawaii 10320 kHz 6350 kHz
RR, Puerto Rico 7.507 MHz 7.507.MHz
All transmitting in USB, Upper Sideband (HCDX)

UZBEKISTAN.

Foreign stations relayed via Tashkent A03

5945 1430-1530 200 Bible Voice Broadcasting. 7430 1500-1530 200 BBC
9445 1115-1630 200 TWR. 9445 2315-0200 200 TWR. 9530 1700-1800 200 RFI
9865 1330-1445 100 RNW. 11850 0100-0400 100 Voice International
12065 1330-1425 100 RNW. 12065 1430-1600 100 Vatican Radio
12075 1430-1625 100 RNW. 13630 0500-0800 100 Voice International
13745 0100-0130 200 BBC. 17540 0100-0200 200 Hmong Lao Radio (Fri only)
17540 0200-0330 200 Bible Voice Broadcasting. 17695 1200-1230 100 R. Vlaanderen Int.
21780 0800-0830 200 BBC
13 mb* 1215-1300 100 Voice Of Tibet. 16 mb* 1430-1515 100 Voice Of Tibet
*various frequencies changed to avoid jamming. (Nikolai Rudnev-RUS via AI Quaglieri LN)
(via CUMBRE)

LATIN CORNER.

BRAZIL.

Catholic Shortwave stations in Brazil. From Catholic Radio Update

Most of the territory of Brasil, South America's largest country, is equatorial, tropic. Until the ascendancy of FM radio, the preferred method of reaching large parts of the country, if not all of it, lay with shortwave radio. Shortwave is less prone to static from the ever-present tropical thunderstorms whose torrential rainfalls are legendary. Further, in countries whose populations are largely rural even to this day, and whose countrysides are spotted with towns and villages unable to support a local radio station during the first decades of AM radio, shortwave was the perfect vehicle of reaching the population.

The ascendancy of FM radio has changed that; most nations have their own satellite systems, and it is no longer economically impossible for national and regional networks to piggyback a signal up to the bird and then have it downloaded by small rural FM stations to broadcast to the surrounding town and country. Consequently, shortwave broadcasting in much of the world has gone into serious decline, particularly on what are called the tropical bands, that is, the frequencies below 5900 kHz. (Africa and Asia are the notable exceptions because to this day there is very little local radio in much of those continents.)

In late May I visited the website of the Ministério das Comunicações www.mc.gov.br and called up the entire directory of tropical band stations. Brasil has allocated not only FM frequencies and TV channels to every city and town of size, as do many countries, including Mexico, Canada, and the United States, but also allocates tropical band frequencies. The tropical band frequency table runs 21 pages on the Internet, but most of those entries are empty; in fact, many of the 21 pages are completely absent of any stations at all. The allocated frequencies sit unused, and likely will never be so.

One item should be noted. The government lists an apparently new tropical band station ZYF692 on 4885 kHz in Anópolis, in the state of Goiás. It is licensed to the Fundação Nossa Senhora Aparecida, which is likely the same foundation that operates the Rádio Aparecida network out of the national shrine of Our Lady Aparecida in São Paulo state. Interestingly, the station does not carry the name Rádio Aparecida, but Rádio A Voz do Coração Imaculado, and parallels ZYH745 on 770 AM.

City & State.	Call letters.	KHz.	Power	Hours authorized
Cruzeiro do Sul AC	ZYF203	4865	5,000	6 a.m. - 10 p.m.
Coari AM	ZYF272	5035	5,000	5:50 a.m.-10:30 p.m.
Parintim AM	ZYF275	4965	5,000	5 a.m. - 10 p.m.
Tefe AM	ZYF271	3385	5,000	6 a.m. - 10:30 p.m.
Feira de Santana BA	ZYF390	4865	1,000	24 hr
Crato LE	ZYF533	3255	1,000	5 a.m. - midnight
Anópolis GO	ZYF692	4885	1,000	new
Jatá GO	ZYF694	4935	2,000	24 hr
Gov. Valadares MG	ZYG202	4855	1,000	24 hr
Campo Grande MS	ZYF904	4755	10,000	24 hr
Bragança PA	ZYG364	4825	5,000	24 hr
Santarém PA	ZYG363	4765	10,000	4 a.m. - midnight
Petrolina PE	ZYG525	4945	1,000	24hr.
Teresina PI	ZYG595	5015	1,000	5 a.m. - midnight
Londrina PR	ZYG641	4865	5,000	24 hr
Guajara-Mirim RO	ZYG792	3375	5,000	6 a.m. - 6 p.m.
Porto Velho RO	ZYG790	4785	10,000	24 hr
Aparecida SP	ZYG853	5035	10,000	24 hr
Cahoeira Paulista SP	ZYG868	4825	10,000	24 hr

If the tropical pages are extensive but empty at the Brazilian Ministério de Comunicações site, the pages of shortwave stations are much fewer- only three. There are few surprises here. In Curitiba in Paraná state, we find that Rádio Clube Paranaense has two more shortwave frequencies in addition to its known 6040 kHz. These are 9725 kHz and 11935 kHz, both authorized with 7,000 watts. No time of operation is stipulated by the Ministério for 11935 kHz, but 9725 kHz operates from 9 a.m. to 9 p.m., while the 6040 kHz frequency is 24 hours. The Archdiocese of Curitiba does not have a website, but it is probably the legal owner of Rádio Clube Paranaense, which also operates ZYJ200 on 1430 AM, a powerful station, and ZYD367 on 101.5 FM, which are licensed to the Fundação Nossa Senhora do Rocio.

In Amazonas state, in Manaus, deep in the heart of the Amazon jungle, Rádio Rio Mar ZYH286 1290 AM is accompanied by two stations. This was formerly a commercial station, founded over 60 years ago (see Catholic Radio Update #98 in December 2000). Rádio Clube Paranaense and Rádio Rio Mar are the only two Catholic shortwave stations outside São Paulo state.

São Paulo state, surrounding São Paulo city, is heavily populated and is one of Brazil's two most important cities. Catholic radio has long been strong in this area, and the several

Catholic radio and television networks are based here. R-dio Aparecida is one of the oldest stations; it owns a number of stations across Brasil and until recently had its own satellite-fed network of affiliates. Now it feeds the Bishops' RCR network. In addition to a tropical band frequency (above), it is licensed for station ZYE954 on 6135 kHz with 25,000 watts from 8 a.m. to 1 a.m. The 9630 kHz frequency uses a 10,000-watt transmitter from 9 a.m. to 12 a.m. The 11855 kHz

frequency is licensed for 1,000 watts but no hours are stipulated, and presumably R-dio Aparecida, based at the national shrine of Nossa Senhora Aparecida, is not used.

Celebrating its 25th anniversary soon is the lay-founded and operated (with clerical involvement) R-dio Canção Nova (Radio New Song), which operates its own national network of satellite-fed stations, some owned, others affiliated, including some diocesan ones which the local bishops have confided to the group. There are two shortwave transmitters of its own, ZYE971 on 6105 kHz with 5,000 watts, not 10,000, as reported, from 11 a.m. until 7 p.m. The second transmitter, on 9675 kHz (10,000 watts), is licensed for 11 a.m. to 6 a.m. operation. Radio Canção Nova is also operating the former R-dio Record, a once prominent commercial, popular station, ZYK690 on 890 AM, now owned by a local university, the Universidade de Casper Libero, which has turned over operation to RCN while keeping a few hours for itself for daily broadcasts by its school of communications. When RCN took over R-dio Record operation, it also took over its three shortwave transmitters, ZYE963 on 9685 kHz (7,000 watts), ZYE964 on 15325 kHz (1,000 watts), and ZYE965 on 5955 kHz (10,000 watts). ZYE963 is licensed for 2:30 a.m. to 7 p.m. operation; ZYE965 from 11:30 p.m. until 7 p.m. No hours are specified for 15325 kHz.

When the Brazilian government made amends to the Archdiocese of Sao Paulo for revoking the license of its radio station during the days of the military dictatorship because of the strong stand the station took on human rights (Catholic Radio Update #15, #35), it authorized the new AM station ZYK779 Radio 9 de Julho on 1600 AM, a frequency that, at the time, was

occupied by no more than a handful of stations throughout South America.

Authorized also was a shortwave station, ZYE952 on 9820 kHz, 24-hr operation with 10,000 watts. According to the Ministerio pages, the station is operating, or at least has been assigned hours to operate, but I do not recall ever seeing news of its reception by shortwave enthusiasts. Perhaps one of them, upon reading this, will be able to tell us more.

Database

Curitiba: ZYJ200 R-dio Clube Paranense BS 1430 AM (50,000 watts day; 10,000 watts night) & ZYD367 on 101.5 FM (Class E3) and ZYE724 on 6040 khz (7,500 watts). Fundação Nossa Senhora do Rocio. Rua Rockefeller 1311, Prado Velho, 80230-130, Curitiba. Euclides Cardoso de Almeida, director. (In the Archdiocese of Curitiba)

Manaus: ZYH286 R-dio Rio Mar 1290 AM (10,000 watts por los días, 250 watts por las noches) y onda corta ZYE246, 6160 khz (10,000 watts) y ZYE245, 9695 khz (7,500 watts) R-dio Rio Mar Ltda. Arzobispado de Manaus, Rua Jose Clemente 500, Manaus 69010-070. 0900-0100 hrs. Martin J. Laumann, dtr. Fundada 1954, purchased by Archdiocese in 1962. (en la arzodiŪcese de Manaus)

Aparecida: ZYK542 R-dio Aparecida 820 AM (10,000 watts por los días,

500 watts noches) y ZYD804 FM 90.9 (Class A2); y onda corta ZYG853 en 5035 khz (10,000 watts), ZYE954 en 6135 kHz (25,000 watts) y 9630 khz (10,000 watts), y ZYE954 en 11855 khz (1,000 watts); Funda o Nossa Senhora Aparecida, Bas lica de Nuestra Senhora de Aparecida. Av. Getulio Vargas 185, Aparecida 12570-000. 0700-0300. Tel fonos: +55(12)565-1133 fax 565-1138. Padre Ant nio C sar Moreira Miguel, dtr. E-mail: radioaparecida@redemptor.com.br; website www.radioaparecida.com.br (En la arzodi cese de Aparecida)

Cachoeira Paulista: ZYK513 R-dio Can ao Nova 1020 AM (10,000 watts d as, 250 watts noches), ZYG868 on 4825 khz (10,000 watts), ZYE971 on 6105 khz (5,000 watts), y ZYE971 on 9675 khz (10,000 watts) y new-c.p. 96.3 FM (Class B1-E). Difunde sobre el Internet. Funda o Jo o Paulo II. Rua Jo o Paulo II s/n, Alto da Bela Vista 12630-000 o C.P. 57, 12630-070 Cachoeira Paulista, SP. Tel.: (12) 560-20222. Wellington Silva, Jardim, director. 24 hras. Website: www.cancaonova.org.br E-mail: radio@cancaonova.org.br (En la di cese de Cachoeira do Sur) Fundada el 25 de mayo 1980.

Sao Paulo: ZYK690 R-dio Can o Nova 890 AM (50,000 watts day, 10,000 watts night), ZYE963 on 9685 kHz, ZYE964 on 15325 kHz, ZYE965 on 5955 kHz (todos/all 10,000 watts). Antepasada R-dio Gazeta. Funda o Casper Libero, Universidade de Casper Libero, Avenida Paulista 900., 01310-1000. Became RCN January 1, 2003. (In the Archdiocese of Sao Paulo)

S o Paulo: ZYK779 R-dio 9 de Julho 1600 AM (100,000 watts d as, 20,000 watts noches) & ZYE952 9820 kHz (10,000 watts). Arzodi cese of S o Paulo. Funda o Metropolitana Paulista, Rua Manoel de Arz o 85, Freguesia do O, Sao Paulo SP 02730-030. Tel fonos: 5095-1847/0001-20, fax 825-6806. Website: www.arquidiocese-sp.org.br/radio9jul/radio_aprese.htm E-mail: josp@arquidiocese-sp.org.br E-mail: jornalismor9@aol.com.br (Hans Johnson via CUMBRE)

PERU:

Radio La Amistad new on 5176.5

5176.51, Radio La Amistad, possible QTH - Tayabamba, la provincia de Pataz, el departamento de La Libertad. June 23 2003 - 1120 UT. Started Monday morning June 23 at about 06 local time in Quito and clearly stated it was a new station. IDs: "Radio La Amistad, la nueva radio al servicio..." and "Radio La Amistad est: transmitiendo desde la poblaci n de Tayabamba, capital provincial de (Pataz??)". Said they transmit on FM and SW. The only geographic name I clearly hear is "La provincia de Bol var" and an uncertain "Tayabamba". Both places are located in dpto "La Libertad". The fact that the station was heard well a whole hour after local sunrise here in Quito indicates a northern QTH, for instance "La Libertad". Very hard to hear the QTH 100% as the male DJ uses a mike of inferior quality. (HCDX)

40 METRE BAND CHANGES PLANNED.

The big news for radio amateurs is that there will be a **dramatic improvement in the 40-meter band!** After weeks of debate and efforts to resolve great differences between numerous proposals, including strong positions for no change, the conference agreed to shift broadcasting stations in Regions 1 and 3 out of the 7100-7200 kHz band and to reallocate

the band to the amateur service in those two regions. The allocation in Region 2 of 7000-7300 kHz remains exclusively amateur. The broadcasting band in Regions 1 and 3 will become 7200-7450 kHz and in Region 2, 7300-7400 kHz. The change will take effect on 29 March 2009, less than six years from now – a relatively short time by ITU standards. In Regions 1 and 3 the 7100-7200 kHz band will become exclusively amateur on that date. A footnote containing the names of countries that are mainly in Region 3 and the Arab States makes the band also available to the fixed and mobile services in those countries on a primary basis. Full details can be found at www.iau.org/rel030703.html (*Still 9 years away yet but one wonders just what it will mean for us ED*)

FEATURED FREQUENCY this month is 9630KHZ.

How many of these are you able to hear and identify?

Time.	Station ,	Country.	Days.	Language.	Power.	Site
0000-2359	Radio Aparecida	(Brazil) Brazil	1234567	Portuguese	10	Aparecida
0030-0130	Islamic Republic of Iran Broadcasting	Iran (Islamic Rep. of)	1234567	SPANISH*		500 Kamalabad
0030-1730	China Radio International	China	1234567	Unknown	100	Jinhua
0130-0230	Islamic Republic of Iran Broadcasting	Iran (Islamic Rep. of)	1234567	SPANISH*		500 Kamalabad
0300-0600	Jordan Radio & Television	Jordan	1234567	Arabic	500	Al Karanah
0800-1300	Voice of the Mediterranean-Malta	Italy 1	Unknown	100		Roma
1100-1500	Radio Exterior de Espana	Spain	23456	SPANISH	100	Cariari
1230-1330	Islamic Republic of Iran Broadcasting	Iran (Islamic Rep. of)	1234567	PUSHTU	500	Zahedan
1400-2000	Oy Yleisradio	Finland	1234567	Unknown	250	Pori
1500-1700	Jordan Radio & Television	Jordan	1234567	Arabic	500	Al Karanah
1700-1800	BBC Worldservice	United Kingdom	1234567	Unknown	250	Mahe, Seychelles
1800-1830	BBC Worldservice	United Kingdom	1234567	Unknown	250	Mahe, Seychelles
1830-2100	BBC Worldservice	United Kingdom	1234567	Unknown	250	Mahe, Seychelles
1900-0100	Emirate Broadcasting Corporation	United Arab Emirates	1234567	Unknown	500	Dhabayya
2130-2230	HCJB (HCJB - Voice of the Andes)	Ecuador	1234567	Spanish	100	Quito

HCJB

Ex New Zealander and ex League member Dave Yetman has sent the following information on HCJB Australia.

He advises that he is preparing to move to Melbourne in March 2004 as the [HCJB Australia Frequency Manager](#).

The official page of the Broadcast Schedule for HCJB Australia is on the website www.hcjb.org
The url is: <http://www.hcjb.org/Sections+index-req-viewarticle-artid-210-page-1.html>

This page has the HCJB Australia Broadcast Schedule from 21st of July. You can also see the programme schedules by selecting on the links on that page.

The current schedule can be found at the end of the "International Shortwave Broadcast Schedule" page: <http://www.hcjb.org/Sections+index-req-viewarticle-artid-6-page-1.html>

Dave Yetman, Engineer , HCJB



Aeronautical News

Continuing on from the July magazine is the story of the New York Air National Guard 109th Airlift Wing, equipped with LC 130H, (ski equipped), C130H and IC 26 passenger aircraft. The Wing is based at the Stratton ANG field, Schenectady airport, Scotia, New York. Those members long in the tooth will recall the radio station R. Schenectady.

The base is the home of the Wing's Hercules which operate in the Arctic and since 2000 in the Antarctic where they took over from the US Navy's VXE 6 Squadron. Both the 109th and VXE 6 operations have been logged by member John Charlton. The year 1995 saw the 109th operating in the Arctic in support of the Defence Early Warning sites with its radar facilities spread across the North American continent and in Greenland. Its work now is mainly in servicing National Science Foundation operations and training for Antarctic operations. As a matter of interest aircraft LC 130H (096) is named 'City of Christchurch', and is owned by the National Science Foundation. The use of the bird 'Raven' as the emblem of the 109th is obscure but pictures of it can be found on many of Wing's aircraft. (Pacific Wings and member John Charlton)



An early August item concerning the operations of Emirates Airlines into New Zealand. Emirates flight EK 410, under the command of Captain Harry Gallagher landed in Auckland on 2 August. The aircraft was a B 777-300, one of the Emirates fleet of B 777-200 , B 777-300 and Aerobus A 330-200 and A 310-300.

Hopefully more on Emirates from Dubai to New Zealand next month, and in the meantime the web site is <http://www.emirates.com/>

- 4417 1920 Bluff Fishermens Radio with Wx, and various check ins. JW
- 4445 1930 Russell Radio with check ins from South Pacific area. JW
- 5547 0936 North West 926/New York. SC JMFK. Cleared to 360. EM
- 5598 0512 Delta 093/Santa Maria. Go ahead. EM.
- 5616 0528 United 900/Shanwick. Call Shannon on 132.72. SC ARBF. MJ
- 5628 1118 Singapore 029 working San Francisco with SC check. JW
- 5643 0531 Argentina 1183/Auckland. Gisborne at 0526. 40.06S 180.00E at 0542. FL 300 block. FL 300-410. 43.17S 175.00W next. SC NMQAG. MJ
- 5643 0938 Nadi/Kiwi 434. Ops normal. MJ
- 5643 0940 TAI/Auckland maintenance check. Read you 5Çs. MJ
- 5643 1130 Auckland/Kiwi 434. DOLSI 1126 climbing FL 280 33.38S 174.70E at 1250 Whenuapai next. SC BGCD (P3K Orion # 03) MJ
- 5643 1210 Argentina 1182/Auckland. No reply. MJ
- 5643 1037 Nadi/Kiwi 434. 20S 175.45E DOLSI At 1125. MJ

6655 1122 Air Canada working Tokyo with SC check. JW
8825 0949 EGY 601/Santa Maria. Reading you 5 x 5. Selcal not answered. EM
8825 0334 Speedbird 1246/Santa Maria. What time are you able FL 380 ? MJ
8825 0849 EGY 601/Santa Maria. Reading you 5 x 5 (Egyptian Air Force) EM
8825 0353 New York/Martinair 617. 31N 050W at 0353 FL 330, 35N 0435W
at 0435, 39N 040W next. MJ
8825 0359 Santa Maria/Air France 625. 38N 040W at 0359 FL330, 44N 030W at
0508, 47N 020W next. MJ
8825 0426 West Indian 990 maintaining F L 370. MJ
8825 0520 Speedbird 248/New York. When can you can you accept FL 350/370. MJ
8825 0524 New York/Speedbird 248. Able 350 at 0720 and 370 at 1000. MJ
8867 0540 Nadi/Aussie 074. Estimate 163E at 0624. MJ
8867 0541 Auckland/Kiwi 889. estimate KALAG at ? FL 100. MJ
8867 0454 San Francisco/ NZ 10. SC check DJHR. JC
8867 0457 Auckland/Kiwi 889. SC LMDJ. JC
8867 0459 Nadi/VK 331 FL 190. Estimate Nadi at 0546. JC
8867 0459 Nadi/Polynesian 876. Estimate 23.09S 180E at 0540. Tonga next. JC
8885 0525 Lima/American 905. SC CMHP, will call at AKUMA (?). JC
8885 0528 Lima/American 904. CBC at 0527. FL 350. JC
8903 0450 Luanda/Ethiopian 2001 (or 3011). From Lusaka to Freetown FL 330
Boeing 767 SC BLJS. JC
8903 0557 Unid calls Accra. No reply heard. JC
8903 0449 KLM 753/New York. Climb FL 350. JC
8906 0524 New York/KLM 753. Estimating 21N 060W PJM next. JC
8930 0550 TCE requesting maintenance, currently in flight but expect to be on the
ground at 0630. JC
8974 0756 Aussie 757 (weak unreadable) calling Air Force Townsville. SC check. NJ
8974 0819 Aussie 757 calling Air Force Townsville requesting coordination with
Air Force Moresby and requesting load off Motap AYNZ (Nadzab Papua
New Guinea. NJ
8974 0854 Air Force Townsville via SC calling Aussie 757. No response to 3 SCs
and 2 voice calls. Nothing heard listening out. NJ†
8974 0906 Air ForceTownsville via SC calling Aussie 757 (unheard) from Port
Moresby fordit 128 OTA 1230 eta 2150 . NJ
8974 0933 Aussie 743 (unheard) calling Air Force Townsville. SC check & gone. NJ
8974 0959 Air Force Darwin working Trojan 220 (probably C 130E) NJ
8974 0603 Air Force Sydney/Unknown station. Roger out. MJ
8991 0843 Lajes with phone patch from Delta 012/maintenance control. JC
8992 0713 EAN from unknown station. JC
9031 0605 Architect with airfield listing including LICJ (Palermo) and EGVN (Benson). JC
10050 0550 New York Radio Wx reports for Bermuda and Miami. JC
10050 0552 Gander Radio Wx reports for Gander and St Johns. JC
10072 2044 Aircalin 410 with TAF requests for Noumea. Auckland, Christchurch. JC
11175 0423 Skyking Andrews AFB with EAM. JC
11175 1126 Jackal 71 working phone patch with data. QRM. JW

11300 0435 Khartoum/Martinaire 802 with position. JC
 11300 0445 Khartoum/Sudan 424 Khartoum to Niamey. Estimate NÇDjamena 0503
 Estimate Niamey 0750. JV
 11300 0414 Asmara and Khartoum working each other. JC
 11300 0417 Tripoli/MKA 124 FL 310 Estimate KFR 0457 ETA Benghazi 0600. JC
 (MKA is Ghana registered aircraft flying DC9 and B747 aircraft)

CONTRIBUTORS

JC John Charlton, Greymouth , Kenwood 5000 plus 30M wire
 MJ Mike Jackson, Feilding , Lowe 235 and 5.6/8.8 Mhz dipole
 JW Jason Wallace, Wanganui , Kenwood TS 505 and CB Station Master Vertical
 EM Evan Murray, Auckland . Kenwood 5000 and T2FD
 NJ Noel Jones, Auckland , NRD 535 with DSP 599zx, and T2FD

tv.fm@radiodx.com

Compiled by Adam Claydon, Te Kuiti



Robert Park, Lower Hutt. Here are loggings that Robert made while on a visit to Palmerston North in July. All the loggings (except the first one) were made from a car radio in Linton Street. Antenna site information is taken from a frequency list he received from Radio Spectrum, Ministry of Economic Development. He would appreciate if anyone can fill in some of the missing details.

TIME (UTC)	FREQUENCY	STATION	RELAY SITE	SIG	REP	DATE	ADDRESS	REMARKS
2310	? FM	Access 999		X		7/7/2003	Manawatu Access Radio Charitable Trust	Analogue Radio
0145	88.1 FM	Classical 88		X		10/7/2003		
0406	88.4 FM	True Light or Life?		X		9/7/2003	Box 4211, PN	Religious music station no commercials
0111	89.0 FM	Concert FM	Wharite	X		11/7/2003	Box 123, Wellington	Orchestral concert music played
2339	89.4 FM	Newstalk ZB		X		7/7/2003	Radio Network, Main St, PN	
2343	89.8 FM	Kia Ora FM	Wharite	X		10/7/2003	140 Maxwells Line, PN	No ID heard, but all in Maori. Tanenuiarangi Manawatu Inc in MED list
0207	90.2 FM	2XX	Kapiti	VG		11/7/2003	159 Kapiti Road, Paraparamu	
0211	90.6 FM	ZM	Wharite	X		11/7/2003	Radio Network	Same as 95.9
0437	91.4 FM	Radio Rhema	Wharite	X		9/7/2003	Private Bag, Auckland	
0245	91.9 FM	Solid Gold FM	Napier?	G		11/7/2003	Radioworks	Napier ads
2323	92.2 FM	2XS FM	Wharite	X		10/7/2003	Radioworks	
0217	92.7 FM	Radio Sport		VG		11/7/2003	Radio Network	
0309	93.0 FM	The Edge	Wharite	X		11/7/2003	Radioworks	
0328	93.5 FM	Beach FM		VG		11/7/2003	5 Seaview Road, Paraparamu Beach	
2256	93.8 FM	Radio Pacific	Wharite	X		9/7/2003	Private Bag, Ponsonby, Auckland	
0345	94.6 FM	Solid Gold FM	Wharite	X		11/7/2003	Radioworks	
0427	95.1 FM	Horowhenua FM		VG		11/7/2003		
0417	95.4 FM	The Rock	Wharite	X		11/7/2003	Radioworks	
0211	95.9 FM	ZM		X		11/7/2003	Radio Network	

0335	97.0 FM	Hot Country		X	10/7/2003
0308	97.5 FM	Radio Pacific		G	10/7/2003
0222	97.8 FM	Classic Hits	Wharite	X	10/7/2003 Radio Network
2238	98.6 FM	Magic 828	Wharite	X	7/7/2003 Radioworks
0145	99.4 FM	Radio Control		X	10/7/2003 Massey University Students Assoc.
0145	106.7 FM	Classical 88		X	10/7/2003 Same as 88.1

I can help you out with some of those Robert:

- 88.4 True Light FM — a Christian station in PN
- 89.4 Newstalk ZB — Kapiti Coast frequency
- 91.9 Solid Gold FM — Hawkes Bay frequency
- 92.7 Radio Sport — Kapiti Coast frequency
- 95.1 95FM — Radioworks station in Levin
- 95.9 ZM — Hawkes Bay frequency
- 97.0 Hot Country 97FM — country music station in Feilding
- 97.5 Radio Pacific — Hawkes Bay frequency

Brian Palamountain, Nelson

Loggings for June 2003:

- 90.8 90FM Rahotu
- 92.4 Energy FM, Rahotu
- 106.7 Life FM (Southern Star religious programme) came on air 4 June 2003. Replace Top of South programme. Channel owned by Mainland TV & FM.

Auckland Guardband FM update

106.4 Hope City Radio in Auckland appears to have left the air.

107.1 A Hindi music station with numerous local commercials is well heard in Downtown Auckland -identification as Apna Radio, which means "my radio" or "our radio". Mentions website <http://www.apnaradio.com/> but connection unclear. The operator of the Auckland station has been protesting new guardband rules, which will affect his networking of this station across Auckland through repeaters.

107.6 A new dance music station noted here in Central Auckland. No announcements heard apart from "Twisted Radio" which might have been part of a rap, rather than an identification. (Bryan Clark)



More Nelson news

Our local TV Company (Mainland TV) have a FM frequency 88.4 MHz which they use to relay live local pgms and at other times it takes a satellite feed from the VOA Music Mix featuring Jazz Pop and country Music Only very occasional Id's but it sounds strange to hear VOA in stereo!!! (Andy McQueen)

Silver Fern Lines Up For ZHFM Breakfast

Former Silver Fern Jenny-May Coffin has today been named Ronny Phillips' new co-host on Waikato's top-rating Classic Hits 98.6 ZHFM breakfast show. The King Country-born pair, Phillips at Benneydale and Coffin in Piopio, start on August 18. (Median Strip August 6)

Juice TV Goes Free-To-Air In Auckland

Juice TV has returned to the land of the 'free' realm - for Aucklanders at least. Having broadcast exclusively on Sky's digital pay TV platform for the last two years, the music channel is now back on the free-to-air UHF band it used to occupy, broadcasting to Auckland from BCL's Waiatarua site in the Waitakere Ranges on UHF Channel 57. The New Zealand-owned and operated station chose the moment of its 500,000th video airing on August 2 to switch on the free-to-air signal. It also gives the station a two-month jump on TV4, due to become a free-to-air music channel in October. (Median Strip August 2)



adcom.news@radiodx.com

Compiled by Bryan Clark, Auckland



WELCOME TO NEW MEMBERS this month - **B. COUSINS**, 20 Buick Street, Blenheim and **GRAHAM GREEN** of Queensland, Australia. Mr Cousins has signed up for our special electronic subscription, while Graham joins our ranks thanks to **PAUL ORMANDY**. Welcome to you both — we hope you gain benefit from the contributions of our other members, and that you will be able to share your listening experiences.

WITH REGRET, we note the death of **DAVE NAIRN**, Secretary/Treasurer of the New Zealand DX Radio Association on 27 July. On behalf of the membership, Administration Committee member and long-time RA member **BARRY WILLIAMS** has sent a message of sympathy to Mrs Nairn.

A FRIENDLY REMINDER Does the address label on this magazine show your subscription expiry date as **Exp. 31/8/2003** ? If so, and you haven't yet mailed in your 2003/04 subscription yet, please do so before the end of the month. You can use the subscription renewal form that appeared on page 47 last month, or simply send your payment with a covering note to P.O. Box 3011, Auckland.

TIWAI REPRIEVE At its July Meeting, the DX League's Southland Branch approved a proposal by **PAUL ORMANDY** that access to the Tiwai listening site be renewed for a further year, with the support of DX League members from outside Southland, so that this unique location continues to be available to DX enthusiasts. For an annual subscription/fee of NZ\$25.00, DXers can become Southland Branch members and gain access through the surrounding NZAS Smelter property to the house. The access permit is for Southland Branch members and has to be renewed yearly with NZAS. The arrangement will be reviewed annually and will be dependent upon active support and continued usage of Tiwai by visiting DXers. The annual fee, plus a nightly charge of \$2.50 (to cover fuel and content insurance) will allow access to, and unlimited use of the house. Cheques are payable to Southland Branch NZRDXL. Caution — the Tiwai site is near the southeast tip of the South Island and very remote. There is no electricity and telephone line, so visitors need to be well prepared for any stayover. But the DX results more than compensate - see the May DX Times for the

latest DXpedition results! Please contact **PAUL ARONSEN** at 10 Girvan Street, Wallacetown, Southland (email: pauldx@es.co.nz) if you would like to be part of this unique endeavour.

GOOD PUBLICITY Resulting from an initiative by DX League President **DAVID NORRIE**, the UK-based website of communications equipment manufacturer AOR now features an electronic copy of the May 2003 DX Times, featuring **CHRIS MACKERELL's** article on DRM and the Easter DXpedition to Tiwai Point (see previous item) where AOR receivers were put through their paces. Check out the AOR website at - http://www.aoruk.com/drm.htm#ar7030_drm

INTERNATIONAL BROADCASTER JONATHAN MARKS is to exchange his post as Radio Netherlands Creative Director for a career in charge of his own media company, Creative Media Consultants. From 1 September 2003, Jonathan will combine strategic consultancy with project management and productions. "I follow both the commercial and public service media in many countries", says Jonathan, "particularly in Asia, Latin America and Africa. I've been asked to apply that knowledge to develop new formats involving TV, radio and the Internet. It will be good to resume production, since I love the passion involved with good programming." Jonathan will be remembered as the lively and creative presenter/producer of 'Media Network' on Radio Netherlands. UK-born, he started his radio career with Radio Austria International, then moving to Hilversum where he quickly built new audiences for Radio Netherlands' English language service. Jonathan held several roles at Radio Netherlands, including 8 years as Programme Director. "I was originally hired to turn a media programme into a science show. But I ended up developing both concepts into long-running radio series that brought in excellent reactions from all over the world. But setting up satellite television and new media projects have been the most challenging work. I've been fortunate to have the best colleagues in the business, which is why I stayed so long". Jonathan is a frequent and impassioned speaker at media conferences, notably the European Broadcasting Union and the Commonwealth Broadcasting Association. "As a media detective, I know that some of the best ideas for reaching people are coming out of the developing world. I enjoy acting as a catalyst to make new projects really happen." Alongside the new activities, Jonathan Marks will continue to advise Radio Netherlands on strategy. The DX League wishes him well with his new role. (via Radio Netherlands 7/03)

2003 AGM The League's 55th Annual General Meeting is tentatively scheduled for Sunday 2 November in Auckland. Specifics will be confirmed in this column next month. Remits for consideration at the AGM should be received by our National Secretary EVAN MURRAY at P.O. Box 3011, Auckland, email varrisian@paradise.net.nz **no later than 30 September.**

marketsquare - members free advertisements

WANTED

BC-348 RECEIVER FOR RESTORATION

Please contact: Stu Stidolph Tel: 06-844-5591 or email stustid@paradise.net.nz



It seems to be the quiet time of the year as we have slim pickings this month, with a one item Trail, albeit the X band is alive year round, and there have been some movement in call and format changes as we reported last month.

The Mail has brought us:

Stu Forsyth, Wellington but shortly to move to southern climes, has received a verie from WTNI 1640 in Biloxi, Mississippi, logged at Tiwai. The letter from Joel Robertson, CEng. tells me that it is a 10kw/1kw arrangement. I suspect that it may have been on 10kw when I heard it. It was about 10.00 and the signal was very strong and clear. The address used is Mississippi Media Broadcasting LLC, WTNI-AM, 1909 E. Pass Rd, Suite D11, Gulfport, MS 39507. All the best with your move to Darfield Stu, miles of open space and room for 10km radials.!

Ray Crawford, Forestdale, Queensland reports a few second reports out this month and not much listening. Have received veries from easy listening i 1593, WTNI 1640, KRJO 1680, i1197 Brisbane 1197, HIRV Dominican Republic 1330, KRJO email letter from Bishop C H Murray, Station Manager KRJO-Rejoice 1680 AM at sonshine@bayou.com. i1197 Brisbane 1197kHz email verie from Bobby at bobby@i1197.com; HIRV R Vision Cristiana, Sto Domingo, Dominican Republic with nice letter from Peter Polanco, CE for EE report to WWRV P O Box 2908, Paterson, NJ, 07509-2908. Station is 3kw and txer fed into a 180 foot tower. 3kw from Dominican Republic — nice one !

Frank Glen of Christchurch admits this is the first time he's reported anything for 50 years in the DX Times! The first verifications are back from the Tiwai Easter weekend - Saudi Arabia 1440 and 5DN Adelaide. Replies are awaited from WRTI 1680, WTNI 1640, KWHN 1650, KXOL 1660, WPTX 1690, Radio Nacional 1320, Reloj 1110, Gold Rush Radio Lawrence. QSL's from the trip to Tiwai from 5DA Adelaide and WTNI 1640.

Steven Greenyer, Timaru says after a long absence from his " favourite pages" has the following veries in from the Tiwai trip. WTNI 1640 kHz , by email KHVH Hawaii 830. KHTK Sacramento 1140. WBT Charlotte NC card in reply to email report. From Waianakarua WDHP Virgin Islands 1620 after a followup email report, email and airmail verie and bumper sticker from Beverly Meyers, Operations Manager, who said they have been swamped with reports.

Sutton Burtenshaw, Hamilton says he hasn't had a session at the dial for a while. Result, no loggings. QSL's in from Radio Vision Cristiana HIRV 1330 (after snail mail follow-up and \$1.00 to New York address) for country #104, and KRJO email after follow-up to sonshine@bayou.com Signer is Bishop C.H. Murray, Station Manager, KRJO 1680 AM. "Heck, QSLs from the Tiwai trip are like hen's teeth. I would do it all again but!!."

Arthur de Maine, Kakanui advises that he has two QSLs back this month WTAW 1620 and KOA 850.

Arthur is quite pleased about the QSL response, and reports that it is cool down this way but very dry, only 11.5mm of rain last month here at Kakanui plus the snow.

DX NEWS

Australia

There was a bit of a flurry in New South Wales on July 22 when ABC Sydney stations left the air overnight for maintenance, opening up three frequencies. From all accounts Chinese stations were heard by some, while others closer to the stations experienced "wide deviation RF spread" of up to 9 kHz from the main carrier ! Maintenance it seems doesn't mean the transmitter goes off air !

4BH Brisbane 882 is now operating from two new towers following the vandalising of their former ones many months ago. The damaged transmitter (sort of fried !) will be back on air in due course.

USA

QSL addresses:

1640 KDZR OR, Portland, QSL note from Tom White-CE on Radio Disney note. Address: 3030 SW Moody Avenue, Portland OR 97201.(Patrick Martin-OR) IRCA DXM

1680 KTFH Monte Passmore, CE; 2815 Second Ave, #550, Seattle WA 98121; Patrick Martin, OR (IRCA DXM)

KTRB Modesto to move location: San Francisco is one step closer to getting a significant new move-in on the AM dial, at 860. The Pappas family now has the FCC's blessing for one of the bigger AM moves of recent years: the relocation of 50-kw KTRB, Modesto (860) to San Francisco. The FCC has now granted Pappas' application to move KTRB to the big city, where it will operate from a new site in the Sacramento River delta near Antioch, running 50-kw day from two towers and 40-kw night (into a much more directional pattern aimed west at San Francisco) from four shorter towers.

In order to make the move to San Francisco, Pappas will have to replace KTRB's service to Modesto, which it plans to do with a new CP for 840 that was also granted last week. The new 840 will run 4-kw day from a new site, 10-kw night from the existing 860 site. IRCA DXM

X band Mover:

A rare situation for an expanded-band AM - Radio Unica goes directional in New York. WWRU, Jersey City (1660) is already a special case in the expanded AM band, running 10-kw both day and night (most X-banders have to drop down to 1-kw after dark). Now it's been granted approval to switch from non-directional to directional daytime operation. IRCA DXM

MEXICO

1570 XERF Cd. Acuõa - Per a visit to the station, operating with 30 kW, U-1 (not 250 kW as listed in WRTH). Studios are downtown in the second floor of a building on the main north/south street about one mile from the border crossing. [Wesolowski-TX] NRC IDXD

CUBA

An interesting commentary from the NRC IDXD:

Comentario de Zecchino: And the Yanqui running dogs of Imperialistas think they have the edge with IBOC. 590 Musical is now on more than off, South Florida's commercial free classical station.

Intelligence from Mr. Crawford confirms source of jamming of the VOA - Iran broadcasts as originating from Bejucal, thirty or so miles south of Habana's Palacio del Fido. And to think, some thought the old Soviet radio complex south of Havana was a cold war memory. Not one to neglect matters at home, Lider Maximo is bravely shifting his radio networks about on the fly. 1140 is ex-Ciudad Bandera and is now Cadena Habana with the added benefit of the jammer transmitter co-located with the satellite jammer at Bejucal now sporadically broadcasting Reloj. On the same frequency 1140. Look, this is Cuba, and El comandante en jefe knows best, just ask Oliver Stone. 1470 still bringing clarity of truth to the Americas with Ciudad Bandera. 1120 Cadena Habana is off the air for the moment, 1100 soldiers on.

1000 and 1020, both long R.Guam, are silent but carriers appear, part of the valiant campaign to jam the US psyops C-130 counter-revolucionario flights. Oh how the gringo dreams ! Good news for lovers of 1260 Encyclopedia, its alluring format and 100 percent compressed modulation. Yes, just watch it sometime on the VU meter of the R-390, set VU for max at 100%, you'll never see the movement drop lower than 97%. And the gringos think they have it all with their Optimods and Solarizers. Ha. Chivatos! Yes, 1260 Encyclopedia is now buttressed by 1270, originating from Torriente about fifty miles south southwest of Habana and courageously fighting WNOG 1270 in Naples, Florida, as it forges ahead to the joy of appreciative connoisseurs of fine melody in Flo-ree-da, as the butthole surfers would so pronounce the name, now rumored to be playing for pesos in Ciego de Avila, home to the 820 jammer. Unquote. NRC IDXD.

'Where's that Station?' Software

Medium Wave DX Utility. WTS and the User's Guide are now available for download at: <http://www.dobe.com/wts/download.htm> Eric Force, Punxsutawney, PA, USA

ON THE TRAIL

Bryan Clark, Auckland has found a moment to check in from Mangawhai with a mini-trail. (Sony ICF7600G with a 30 metre random wire)

1180 Radio Marti, Marathon FL in the clear with SS vocals 0720 19/7 // 6030 BDC
1580 Radio Unica ident in SS over co-channel music station 0713 19/7. BDC
1670 KHPY Radio Catolica in SS with vocals 0725 19/7. Idents 0743 and 0753.
Preacher continued past 0810. BDC



Hi all. News this time round: Radio Togo Libre heard; Zapatistas en el aire; trans-DMZ jamming to end; a rebuttal from Dutch authorities following the heat they caused when pursuing pirates.

THE NETHERLANDS:

Dutch authorities have been discussing the actions against the Dutch pirates in the government. It seems that lots of politicians are supporting in some strange way the Dutch pirates and lots of them are speaking of missing the pirates.

Also some idea's have been launched how to let them stay active. Some of them are: A special spot on the 2/3 meter band for the pirates where they can transmit or just letting them be as long they don't mess up and don't interfere with other official stations. It is a very known fact that most of the pirates are observing frequency's very careful before using it and if the power is not to big they could use it without interfering something. Pirating the airwaves is a thing that is existing in the Netherlands just as long as there has been official radio and TV.

Our thoughts are they own the right to be there as they have been there so long. Also pirate stations did so much for the history of Dutch radio. Just take a look at the long list of dj's that started their career with pirate radio, Pirate radio also played in the early days the music none dared to play, now we hear it every day. Looking at the North East part of the Netherlands we see a huge pile of pirate stations that are playing Dutch folks music that the official stations never play. Also a reason for existing rights.

Talking about Pirating we also drift in our thought to the war here in Europe in the 40's. Lots of the resistance use illegal home brew transmitters to contact London witch is also a some kind of pirate radio. I could write here for hours with the whys and how's but it all comes to the same. I hope Pirate radio gets his change to survive all over the world. If the governments are willing it could be done, only get them willing could be a problem. We hope not.

Greetings and Free Radio For Ever Alfred Zoer (Alfa Lima International)

MEXICO:

Mexican rebel movement announces radio broadcasts The Zapatistas To Use Shortwave <http://www.sfgate.com/cgi-bin/article.cgi?f=/news/archive/2003/07/30/international0915EDT6140.DTL> ALEJANDRO RUIZ, Associated Press Writer Wednesday, July 30, 2003 (07-30) 08:25 PDT SAN CRISTOBAL DE LAS CASAS, Mexico (AP) Mexico's Zapatista rebel movement, noted for spreading its message over the internet, is turning to an older technology: shortwave radio. In a communiquÉ published by local newspapers on Wednesday, rebel spokesman Subcomandante Marcos said the movement would begin

shortwave broadcasts at a still-undetermined hour on August 9. He said transmissions were planned on 5.8 megahertz, though he said that in case of government interference, "move your dial in the same way you would your hips in a cumbia (dance) and hunt until you find us." The announcement was part of a general invitation to a three-day party Aug. 8-10 that the Zapatistas plan in the village of Oventic, a few miles north of here. The event is to mark the creation of more formal methods for the movement and its 30 "autonomous municipalities" in remote parts of Chiapas state to deal with outsiders. After years of clandestine organizing, the Zapatistas seized several cities in Chiapas on Jan. 1, 1994, then quickly withdrew into the jungle. About 145 people died in 12 days of fighting before a cease-fire was declared. Once based on Marxism-Leninism, the rebel movement has turned to political action to promote its calls for Indian rights and for a vision of democracy that is deeply skeptical of political parties. Meanwhile, some of the foreign aid destined for Chiapas, one of Mexico's poorest states, following the Zapatista revolt is being reduced. A spokesman for the European Union's humanitarian office, Jean-Charles Ellerman-Kingombe, said Wednesday that funding for activities there would be phased out by the end of this year. The office has given 7.6 million euros (now about \$8.7 million) over past six years, including 1 million Euros (\$1.145 million) approved last year for health and water sanitation projects that are being carried out by the Spanish, German and International Red Crosses. "There is no longer any immediate humanitarian needs that need to be catered for," he said. "What there is more need for now is more long-term development assistance." (AP Jul 30, 2003 via U.Fleming-USA in HCDX)

KOREA:

Seoul Says North Korea to End Anti-South Broadcasts Reuters, July 29, 2003 <http://reuters.com/newsArticle.jhtml?type=worldNews&storyID=3183035> SEOUL (Reuters) - North Korea will halt propaganda broadcasts aimed at South Korea from September - a move Seoul interprets as a bid to get them to reciprocate. "Through a televised announcement, North Korea announced its plan to halt the anti-South propaganda broadcasts," an official at the policy division of Seoul's Unification Ministry told Reuters. "It appears that they are taking the initiative on this move and thereby urging us to do the same," he said. North Korea's decision comes as U.S. Undersecretary of State John Bolton was due in Seoul to seek ways to resolve the festering crisis over North Korea's nuclear weapons ambitions. For decades, North Korean TV and radio have broadcast scathingly critical propaganda about the capitalist South, at times accusing leaders of being greedy womanizers and the South Korean people of suffering under U.S. oppression. The South also broadcasts to the North, but Seoul says the content is mostly information about the South rather than criticism about the North. The unification ministry official said North and South Korea had promised to stop critical propaganda broadcasts during an unprecedented summit in 2000 between North Korean leader Kim Jong-il and former South Korean president Kim Dae-jung. Pyongyang raised this issue again during recent ministerial talks and both sides agreed to discuss this in detail at working-level committees, the official said. The two sides remain technically at war since the 1950-53 Korean War ended without a peace treaty. (Reuters Jul 29, 2003 via N.Grace-USA)

SUDAN:

The Sudan Radio Service is a new broadcaster that has started regular transmissions. As first reported in Glenn Hauser's DX Listening Digest, broadcasts are currently at 1600-1700 UTC on 17630 kHz and 1700-1800 on 17660 kHz via shortwave transmitters in the UK. The project was developed in the US by the Education Development Center (EDC) through the dot-EDU initiative, with support from USAID's Office of Transition Initiatives (OTI). The radio service will present a mix of timely and relevant programming broadcast in Sudanese languages by Sudanese presenters. Languages used will include vernaculars, Arabic, Juba-Arabic and English. Media Network (abridged) via DXLD

TOGO:

Radio Togo Libre scheduled Mon-Fri on 12125 heard 2000-2100 and on 21760 via Meyerton 1258-1358, R. Togo Libre's programs are produced in Togo by members and collaborators of National Dialogue of Civil Society (CNCS) at great personal risk. Finished programs are delivered via Internet to a satellite uplink, and the satellite signal is then used to feed the SW transmitters. Frequent ID's: "Radio Togo Libre: la Radio patriote, le combat pour l'alternance d'émocratique" or simply "RTL". Reports requested at: rtl@diastode.org or radio@togodebout.com Their French language website is: <http://www.diastode.org/Nouvelles/actualites.html> (Datzinov, Ghibaudo, Ivanov and Petersen, June 18 DSWCI DX Window, June 21 via DXLD)

Continued from Page 13

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

Under "CPRV": The CPRV Collection is located at the Library of American Broadcasting (LAB), University of Maryland, College Park, Maryland, just outside Washington, DC. For the 2002 convention of the Broadcast Education Association in Las Vegas, Nevada, the LAB produced a four-panel display of CPRV QSLs. Courtesy of the LAB, we have reproduced the display in the "CPRV" section of our website, right under the LAB "antenna" logo. For more information about the LAB, see <http://www.lib.umd.edu/LAB/> For more information about the Broadcast Education Association, see <http://www.beaweb.org/>

Also under "CPRV," "QSL Gallery," some interesting U.S. medium wave additions: KGBU, Ketchikan, Alaska, 1933; W6XAI, Bakersfield, California, 1935; KGEK, Yuma, Colorado, 1933; WIOD, "Wonderful Isle of Dreams," Miami Beach, Florida, 1930 (they were also on shortwave as W4XB); WSUN, St. Petersburg, Florida, 1930; KMA, Shenandoah, Iowa, 1931; WKAA, Cedar Rapids, Iowa, 1924; WCFL, Downers Grove, Illinois, 1940 (also on SW as W9XAA); WEDC, Chicago, Illinois, 1932; WJJD, Chicago, Illinois; WBBZ/9WS (amateur), Indianapolis, Indiana, 1924; WIBW, Topeka, Kansas, 1940; and WEBR, Buffalo, New York, 1930. These are from the collections of Eugene Allen, John Tweedie, A. Mankoff, Bill Prater, and Warren Routzahn.

And under "Information for Collectors," we have added some new information about early editions of "How to Listen to the World," thanks to Ken Loh in California. It is incorporated in the HTL table. Does anyone out there have an HTL circa 1952-1953 marked the "4th edition"?

ARDS. New Australian Shortwave Station on the Air

Compiled by
David Ricquish
Wellington



On August 1 2003, the **Aboriginal Resource & Development Service** began SW broadcasts from a transmitter site at **Humpty Doo** (near Darwin) in the **Northern Territory**. The frequency is **5050 kHz** and the power is currently **400 watts** from a 1kW transmitter.

ARDS have planned an AM radio service for the Yolgnu people of **NE Arnhem Land** for several years. They also hold X Band licences: **1611 kHz** VKD884 Groote Eylandt, VKD883 Milingimbi and **1629 kHz** Gapuwiyak, all in the Northern Territory. They are also seeking an AM licence for Darwin.

This 'shoestring service' gets ARDS on air whilst they wait for the Australian Broadcasting Authority to approve broadcasts on the AM frequencies, and also gives them good geographical coverage in the target area.

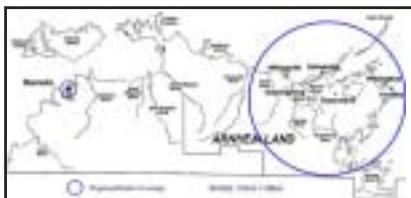
There are 7000 Yolgnu people, who suffer much economic, social and cultural deprivation. Most live in 5 major communities and 90 homeland centers, including 1000 in the Darwin metro area. They make up 3.5% of the NT population.

The ARDS studios are at Nhulunbuy (Gove) and the program is sent via satellite to the transmitter site near Darwin, for which they pay a rental of A\$700 a week. The project has a budget of \$A1m to become fully operational. Just under 50% of this has been raised to date.

Programs include local indigenous music and pre-recorded programs funded by government, NGO and philanthropic groups. The idea of 'radio browsing' allows listeners to call the station with information and education requests. The staff then web search for answers and put a program together.

ARDS was founded in 1973. It's the community development arm of the Northern Regional Council of Congress (NRCC) which is the **Aboriginal & Islander Presbytery of the Northern Synod of the Uniting Church of Australia**.

Contact details: 19 Pera Circuit, Nhulunbuy NT 0880 (**studios**); PO Box 1671 Nhulunbuy NT 0881 (**mailing**); T: +61 8 8987 3910. F: +61 8 8987 3912. **Email:** nhulun@ards.com.au **Website:** www.ards.com.au **Radio Service Manager:** Dale Chesson



Background:

Australian domestic SW broadcasts using up to 1kW power are permitted under recent law changes and must use a selected group of frequencies which do not require further notification outside Australia. Holders of other types of broadcasting licences are now allowed to add these SW broadcasts, but only for a domestic audience.

Northern Territory obtained self-government in 1978 and now seeks full statehood by 2008. The population of the entire territory is just 200,000. Darwin has people from 130 countries speaking 60 languages. Many parts of SE Asia (such as Singapore, Malaysia, Philippines, Indonesia) are closer to Darwin than Australia's federal capital in Canberra.

The NT is embarking on a series of major economic infrastructure projects. A 1000km gas pipeline is planned across Arnhem Land, linking the Timor Sea gas field *Blackrip* with the Alcan alumina plant at Nhulunbuy. The pipeline is likely to run through traditional Yolgnu land.

Sources: ARDS, Australian X-Band Guide (under preparation), *Australian Financial Review Magazine* August 2003.

The following information was sourced from Glenn Hauser's DX Listening Digest Aug 11

Further to the recent reports of 5050 kHz, the assertion from John Wright in your last DXLD that the transmitter is an amateur transceiver with a linear is quite incorrect! Please note the following email from station manager, Dale Chesson, giving details of the setup there:

"Thanks very much for your report and details. You definitely were listening to our service. We are aware of the Chinese station/s.

Another listener from Melbourne filled us in on their details. Not much we can do about it, unfortunately for us.

Our transmitters are ex-Civil Aviation. They were manufactured by Commonwealth Electronics and are AM20 models. They can operate at 1kW but operate continuously at 400W - our current power.

Location is Humpty Doo S 12 34 05 E 131 04 35.

Antennae are two fibreglass helical whips with a front to back ratio of -50dB and a beam of 110 degrees centred on 100 degrees true from Humpty Doo.

To get an idea of our programming and why we stated with HF prior to an MF rollout then check out www.ards.com.au/cdrsframe.htm

Thanks for the report. I would appreciate any S readings you are able to offer so we can track our signal. We also aim to increase transmitter power in Sept sometime."

Glenn, of particular interest are the antennas used and the promise of future power increase. Best regards (Rob Wagner, VK3BVW, Aug 11, DX LISTENING DIGEST)

ADVENTIST WORLD RADIO

September 2003 DX Contest

Adventist World Radio is on the air for more than 1500 hours each week and this programming can be heard on international shortwave, tropical shortwave, medium wave, FM, satellite and the Internet. The station is very friendly towards SWLs and during the past 32 years has issued more than 200 different types of QSL cards.

For the past 16 years, AWR has held an annual DX Contest. New Zealanders have won this contest on more occasions than any other nationality - 5 times, followed by Germany on 4 occasions. So, lets give the 2003 contest our best shot!

Year	World Winner	City	Country	Name of Contest
2003	Who?	Which?	Where?	Radio Stamps & Unique QSLs
1999	Ron Killick	Christchurch	NZ	Largest QSL Collections
1995	Arthur Cushen	Invercargill	NZ	5 Best QSLs
1981	Bryan Marsh	Auckland	NZ	Answer 10 Questions
1980	Bryan Marsh	Auckland	NZ	Identify SW Stations
1978	Douglas Doull	Auckland	NZ	Identify Interval Signals

The main ingredient in AWR's DX contest this year is a search for QSLs that are quite unique, not in design, but in what they verify. Do you have a QSL in your collection that you think no one else in the world has obtained?

September 2003 DX Contest Requirements in full Detail

PART A: Only QSL in the World

Do you have a QSL that is quite unique and you believe that you are the only person in the world to have a verification of this nature? Does your unique QSL verify an emergency broadcast, or an emergency transmitter, or a wrong frequency or a dramatic event, etc, etc? Your QSL may verify a broadcast from a station on shortwave, medium wave, longwave, FM or utility communication, but not amateur, CB nor TV. You may list as many of these unique QSLs as you desire. You may send a color copy or black & white copy of your QSL, or you can describe the details.

PART B: How did you become a DXer?

Please tell in two or three paragraphs what led you to become interested in international radio monitoring.

PART C: Describe and send a radio postage stamp.

You may describe and send any postage stamp from any country, new or used, that features radio in some way.

PART D: Submit 3 reception reports on any AWR transmissions.

These reports can be on the reception of any AWR broadcasts on any station anywhere in the world.

PART E: Where possible, submit 3 radio cards.

These cards may be new or old QSL cards; or blank or completed QSL cards; or new or old tourist postcards that show radio in some way; or advertising postcards issued by a radio station. Not valid for this contest are amateur or CB QSL cards.

Contest Awards

1. The world winner in our "September DX Contest" will receive the 2003 Bronze Medallion and an autographed copy of Jerry Berg's very interesting volume, "On the Short Waves".
2. Additional continental winners will receive a copy of their choice of either "Passport to World Band Radio 2004" or "World Radio TV Handbook 2004".
3. Several hundred other awards are available from AWR, including 10 full sheets of the AWR QSL stamps, and 10 half sheets.
4. All reception reports will be verified with new AWR QSL cards endorsed for the 2003 DX contest and with the 2003 QSL stamp.

Things to Remember

1. All entries must be postmarked during the month of September and received in Indianapolis before the end of October, though in special cases early entries will be accepted. Late entries will not be entered into the contest though the reception reports will be verified.
2. Where possible, please provide a strong self-addressed business size envelope.
3. Where possible, please provide return postage, preferably in an acceptable form of international currency, though mint postage stamps or IRCs will also be appreciated.

The only address for contest entries is:-

September DX Contest, Box 29235, Indianapolis, Indiana 46229, USA

Recently Adrian Sainsbury of Radio New Zealand International received a Reception Report requesting a QSL for Reception via the Internet logging on a Pentium 4 Computer. It raises some interesting points on whether logging a station via the Internet/Web is really DX and worth a QSL?

The following is the original query received from RNZI which I posted to Hard Core DX (an Internet Email Forum for DXers) for general Discussion

Quote:

RNZI has received this reception report requesting a QSL. As you will see the receiver was a Pentium 4 1.7 ghz. computer - I had a chuckle about it, but the guy is quite serious. I would be interested to know from the amateur community what they think?

My view is a QSL card was intended to acknowledge the expertise of an operator of a short-wave radio in hearing a distant station. Surely clicking on a URL does not count?????!! Some may call me old fashioned, but I would appreciate feed-back on this issue!

Cheers, Adrian Sainsbury, RNZI

From: Persons name removed

To: info@rnzi.com Subject: Reception Report

The following reception report was submitted on Tuesday, August 5, 2003 at 14:47:20:

Country: CAN, Receiver: pentium 4 1.7 ghz, antenna: internet,

strength: 5, Interference: 4, Overall_Merit: 4, date: 04/08/2003,

time: Time in UTC, frequency: In kHz, programme_details: Pacific news,

comments: I would appreciate a QSL card to confirm reception. Please include sticker, pennant and station information. Thank you. It is always nice to hear a station as far as New Zealand.

Unquote

My original post 'Is Computer Logging DX?', generated quite a bit of healthy discussion.

My (Mark Nicholls) personal feeling is:

'Web Listening' is not 'DX' as I or most in the hobby group know it and they shouldn't get a current style QSL card. However it is a very personal hobby and you make of it what you want - whether you DX or listen to Shortwave, Mediumwave, FM/TV, Utilities, Satellite and maybe now the Internet?

And we as the DX Community may need to acknowledge the fact that some people are listening and maybe collecting acknowledgements via the Internet and cater for them in the future?

As John Wright in Australia pointed out - maybe the DX Clubs should prepare an information pack for posting or email enlightening those that send in Internet logging reports to the joys of proper radio DX/listening and information on joining a DX Club?

Also the person is still a listener of RNZI and is requesting some sort of acknowledgement and other station information, maybe RNZI will have to develop a new

Thank you for listening to us via the Web or Internet' email or attachment. And if the person wants a sticker or other hard copy information they can use Pay Pal or something similar to cover normal postage if required.

We must also acknowledge that for many larger Broadcasters the days of needing 'reception reports' has long gone due to dedicated monitors or remote monitoring of signal strength from receivers based in the target area. Some now are more interested in 'Programming' feedback.

The issuing of a QSL from a station is a 'courtesy' and not a right.

Something we should always remember.

Yes the times they are a changing- will we as a hobby group adapt with them or disappear?

(Mark Nicholls, Chief Editor)

What are your views on the subject? email me at editor@radiodx.com or send your comments to Editor, NZRDXL, P.O. Box 3011, Auckland.

branch.news

Compiled by Chief Editor, Wellington



AUCKLAND

The **27 July meeting** had 13 present at the Clubrooms. Welcome new member Edward Josling who has moved back from Australia and was a member in 1995.

Mike Butler is compiling a comprehensive propagation summary report from the 1960s till today. Evan Murray asked where can we get details of major broadcasters' transmitter details. Mike answers that the Passport to World Band Radio is one good source (but only comes out yearly). Writing to the station or browsing on the internet is probably a better way.

Mike read out English broadcast loggings for D/Welle Germany, REE Spain, BBC UK relay by R Japan, R Japan relay by BBC UK, Bible Voice USA, R Austria, R Pyongyang NORTH KOREA, WINB USA, R Ukraine, Voice International AUSTRALIA and SRI Switzerland. Mike's antenna installation is a simple L shaped di-pole longwire with 4 metres running South along one gutter and 4 metres running East along another gutter, 10 feet above the ground with no earth connection except through the amplifier. He also runs a ground wire system along the ground underneath the two 4 metre longwire runs. The antenna system is effectively a horizontally polarised omni-directional 10 feet above the ground.

Bob Kay showed a printout of a Digital Radio Mondiale (DRM) article from the internet website <http://www.sat-schneider.de> which is for the popular Sangean ATS-803A receiver. David Crozier says DRM requires a 12 kHz output and use a computer's sound card; the software costs around 150 Euros (about NZ\$300). Yuri Muzyka says WinRADiO Communications now have DRM capability in their new software. Dave says TEN-TEC also have it now.

Edward gave a brief talk on his listening hobby. He owns a Sangean ATS-909, is interested in aerials suitable for his receiver and has just ordered a Passport to World Band Radio. Mike recommends using a horizontal antenna.

The **August 2003 meeting** will be at the Clubrooms, 3000 Great North Road, New Lynn, just past Whau Creek, on Sunday August 31st at 2 PM. This will be the **Auckland Branch AGM**.

The **September 2003 meeting** is tentatively at the Clubrooms on Sunday September 28th at 2 PM.

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

GREATER WELLINGTON BRANCH

On Saturday, August 9, a meeting was held at Te Papa National Museum and agreed to form a new branch for members living in Wellington, Horowhenua and Wairarapa regions. Formal votes from 12 members (covering all three regions) with another 6 supporting the new branch, represent over 50% of current financial members in the area.

Messages of support were received from Patron Jack Fox and Adcom via Vice-President Bryan Clark. The meeting lasted nearly 2 hours and was also attended by DXT Chief Editor, Mark Nicholls. Informality is the keynote for the new branch, which hopes to meet every two months at venues around the Greater Wellington area, and join with other local radio groups such as the NZ Vintage Radio Society and the NZART.

There's a lot of interest in holding an annual summer social event at the Foxton Radio Museum (where much RNZI gear has been donated) which could be joined by members from other parts of the lower North Island. Other activities suggested include a walking tour of heritage radio sites in Wellington, a guest speaker programme, DXpeditions to the Wairarapa, and helping local members get more enjoyment from the hobby.

These are early days for the new branch, but the high level of local member support holds much promise. The first meeting also spent time looking at the Eric Shackle Collection of early 1930's QSLs from the NZRDXL Archives, learning more about how the DXT is published, and comparing radio receivers. The new branch president is Ted Hopgood (Wainuiomata) and secretary is Phil Barton (Wellington).



Arthur Williams with some of his Vintage Radio Collection
Photo credit. Paul Aronsen (Southland Branch)

SOUTHLAND

Seven Members met at Arthur Williams for the July meeting and there were a few Qsl's tabled. Lively discussion on several topics took place on such things as, 1000 watt speakers in cars, 2nd World war subjects like the Dutch Resistance, Radio antenna's hidden in hollowed out tree trunks and Gestapo activities and "The Radio Hitler Feared" were all interesting. On the more serious side it was decided to keep the Tiwai listening house and allow unlimited use of it to any Dxr from N.Z. and Australia. For more on this, see Bryan Clark's Adcom News in this issue. After the meeting finished, members had the chance to look at some of Arthur's excellent collection of radios etc.

The August meeting will be at Paul Aronsen's 10 Girvan Street Wallacetown 03 235 8436 on **Tuesday 26th August at 7-30pm**, Visitors welcome



1925 Radiola RCA 5 Valve Receiver from Arthur Williams Vintage Radio Collection
Photo credit. Paul Aronsen (Southland Branch)



1922 Crosley Crystal Set from Arthur Williams Vintage Radio Collection
Photo credit. Paul Aronsen (Southland Branch)



MEDIUMWAVE OPEN (Over 500)	JUN	AUG	INC	CNTS	SHORTWAVE OPEN (Over 500)	JUN	AUG	INC	CNTS
Laurie Boyer	4006	4012	6	137	Ian Cattermole5	4591	4657	66	200
Ray Crawford	2286	2291	5	188	Günter Jacob	2752	2789	37	161
Paul Ormandy	1556	1562	6	144	Barry Williams	2703			243
Sutton Burtenshaw	1015	1020	5	104	Ray Crawford	2582	2585	3	229
David Ricquish	829	835	6	66	John Durham	2249			264
Bryan Clark	676			120	Laurie Boyer	1750	1812	62	183
Barry Williams	648			83	John Campbell	1672	1672	0	261
Mark Nicholls	643			67	Robert Park	1655			99
John Campbell	642	642	0	129	Paul Ormandy	1644	1648	4	245
Stuart Forsyth	562	564	2	44	Lindsay Robinson	1442			171
Paul Aronsen	529				Bryan Clark	1355			236
Lindsay Robinson	524			56	Paul Aronsen	794			125
SENIOR (301 - 500)					Peter Grenfell	671			133
Peter Grenfell	443			37	SENIOR (301 - 500)				
INTERMEDIATE (151 - 300)					Andy McQueen	386			103
Andy McQueen	298			21	Stuart Forsyth	366	367	1	106
Frank Glen	257			21	INTERMEDIATE (151 - 300)				
Günter Jacob	240	252	12	45	Arthur de Maine	266	267	1	92
Robert Krijger	228			13	JUNIOR (5 - 150)				
JUNIOR (5 - 150)					Mark Nicholls	121			55
Robert Park	86			2	Frank Glen	70			49
Arthur De Maine	52	56	4	11	Andrew Sunde	44	46	2	32
Andrew Sunde	22			2	UTILITIES				
FM-TELEVISION					Ron Killick	61754			133
Robert Krijger	678			6	Robert Park	78			5
Bryan Clark	148			5	Günter Jacob				
Paul Ormandy	110			5	Stuart Forsyth				
Mark Nicholls	42			2	c/- NZRDXL, P.O.Box 3011, Auckland				
Andy McQueen	29			2	or direct to Darfield High School, PO Box 5,				
Robert Park	19			1	Darfield 8172.				
					E-mail: smforsyth@xtra.co.nz				

Hello there - amidst the chaos of moving house, (no Ray the house has stayed where it is), I have managed to find time to cobble these ladders together. My apologies for any inaccuracies.

A big welcome to Frank Glen who writes - "Fancy! Only 300 odd in 53 years!! And worn out 5 radios in the process! I'm still finding verifications and letters now that I have settled after 18 shifts in a 40 year career."

Well done to Laurie Boyer for a healthy increase on SW. A few Broadcast veries are still trickling in from the Easter gathering. Let's hear from a few more of you in October.

73s, Stu



NEW ZEALAND RADIO DX LEAGUE 2003/2004 SUBSCRIPTION RENEWAL NOTICE

For most members of the New Zealand Radio DX League, subscription renewals presently fall due on 31 August 2003. If the expiry date on your address label is **31/08/03**, then your

SUBSCRIPTION IS NOW DUE

To ensure that your membership continues without break - and not miss out on your monthly copy of the **NZ DX TIMES**, please ensure your subscription payment is in the mail no later than **31 August 2003**

SUBSCRIPTION RATES:

NEW ZEALAND:	NZ \$ 35.00	E-copy	NZ \$ 20.00
AUSTRALIA & PAC. ISLANDS:	AU \$ 35.00	E-copy	AU \$ 20.00
REST OF WORLD	US \$ 30.00	E-copy	US \$ 10.00

Payments please in currency as above or equivalent in your local currency. Note: Cheques or money orders must be in NZ currency or the currency of originating country.



To: National Treasurer
NZ Radio DX League
P.O.Box 3011
AUCKLAND
NEW ZEALAND

I enclose payment of _____ for my annual subscription to the NZ Radio DX League

Name: Mr/Mrs/Miss/Ms: _____

Address: _____

Email address: _____

EARLY RENEWAL BONUS:

PAYMENTS FROM NEW ZEALAND - BASED MEMBERS, RECEIVED BY **31 AUGUST**, WILL GO INTO A RADIO BOOK PRIZE DRAW, SUPPLIED BY **BURNET POLLARD BOOKS**

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:

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varrisian@paradise.net.nz

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Treasurer - Phil van de Paverd

paverdp@xtra.co.nz

Annual Membership:

Within New Zealand - NZ\$35.00.

Australia/Pacific Islands - A\$35.00

Rest of World- US\$30.00

All overseas members get airmail delivery.

An Electronic (only) magazine is now available in a

PDF Format for US\$10 or AUS\$20 International or

NZ\$20 for local New Zealand members.



We are able to accept VISA or Mastercard for International members. Contact us for more details.

Club Stationery - Address all orders & enquiries Stationery, 4 Kay Drive, Blockhouse Bay, Auckland.

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