



New Zealand DX Times



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Some months we have tons of news. This month is one of them, starting with **Convention 2002** which was a very successful social and DX time together. By any international standard, the turn-out was excellent, and by local standards in 2002, proved how the DX hobby leads to so many wonderful friendships that have stood the test of time.

Whether it was DXing the X-band, hunting euro-pirates, catching up on old times, telling tales, buying gear at the auction, making new friends, or simply relaxing, the **North Otago Branch** put on an excellent show which let all these things happen with much fun.

Jill Grenfell's notes on the Convention last month pretty much covered the four days so, we'll move on to other news. This includes **Radio Tokelau, RNZI news, KENT Honolulu, Martin Hadlow in Kabul, Pacific National Radio Network, and much more.**

Martin Hadlow, Kabul, Afghanistan reports *As you can gather, I'm now in Kabul, and have been here for over a month, setting up UNESCO's operations. I've visited Radio TV Afghanistan several times. Their equipment is functional, but old. There are big plans to completely revamp the whole operation and set it up as a public service system. We'll see how things work out.*

Martin has written an exclusive article for the NZDXT on current broadcasting in Kabul, with his eye-witness accounts of inside Radio Afghanistan now amongst the latest articles at our website www.radiodx.com.

Other new articles in the *Radio Heritage Collection* include recollections of broadcasting from **WVUV American Samoa**, the AWA train station **2XT Australia** (thanks to Eric Shackle) and the history of Caribbean broadcaster **Radio Caymans** from Dr Adrian Peterson.

Also being added are **WVUS New Caledonia, WWLC (Radio Ship Apache), AFRS and Australian AA stations in Asia/Pacific in 1945, and WPHE Indiana State Police Radio.** This latter one is based on reception by the late **Merv Branks** of a 1kW station on 1634 kHz, in what is now the X-band. Merv was QSLing the X-Band back in the 1940's!

This column **records with appreciation** the radio broadcasters who shared so generously with materials for **Convention 2002** and sends warm greetings and thanks to **Adventist World Radio (Indianapolis), Adventist World Radio (Guam), Radio Polonia (Warsaw), Radio Japan (Tokyo), Vatican Radio, Deutsche Welle (Cologne), Voice of Russia (Moscow), KNLS Anchor Point (Alaska USA), China Radio International (Beijing), Swiss Radio International (Berne), Radio Canada International (Montreal), VOA (Washington DC) and Radio New Zealand**

Contribution deadline for next issue is Wed 3rd April 2002. PO Box 3011, Auckland

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International (Wellington).

If you're sending reception reports to any of these stations soon, please add a word of thanks on behalf of NZRDXL members and all DXers for their support of our hobby and for helping make Convention 2002 such a success.

Around 20 years ago, **Radio Kiribati** broadcast on SSB to **Christmas Island**. The signals from the 1kW station were widely reported and QSL'd at the time. According to Radio Kiribati, the SW relay was not only broadcast to the island, but received and **retransmitted on mediumwave** from Christmas Island.

If you can help with more information about the MW relay, such as frequency and power and any other details of these rebroadcasts, please contact Talkback. The only other known MW station on the island was **WVUU 1480** with 75 watts which was operated by the AFRS in the mid 1940's. There is now a local FM **Radio Kiritimati** which broadcasts with 500 watts from London, main town on the island, and we'll have more about this next month.

Radio Tokelau is planned to begin broadcasts shortly. Funded by the New Zealand Government, the station will have FM transmitters and studios on each of the three small atolls which make up this island dependency of New Zealand. Located to the north of Samoa and to the south of the Phoenix Islands (Kiribati), Tokelau have until now only had broadcasts from 2AP Apia. We'll have an exclusive report on this new radio country shortly.

Whilst on the subject of new stations, **Jack Fox, Mosgiel** has donated a package of papers to the NZRDXL Archives relating to the inauguration of the **Fiji Broadcasting Commission in 1954**.

There's a very colorful souvenir program for the day and the first broadcast, press clippings from the Suva newspaper, and a chatty letter from Ken Collins, the FBC's first Manager. Ken later wrote about his Fiji days in the book *Broadcasting Grave & Gay* published some time ago now, but well worth finding a copy still.

Amongst the information provided by Ken, is a list of **NZ Broadcasting Service** staff who were seconded to establish the FBC. These were: KG Collins (ex 1YZ), J Patterson, Sales Representative (ex 1XH), GH King, Program Organiser (ex 1XH), C Venning, Chief Announcer (ex 1XN), WI McMillan, Senior Technician (ex 1YZ), T Miles, Copywriter (2XG), and P Hodge, Program Assistant (ex

3ZB).

Radio New Zealand International is involved with long distance tests of **digital radio** in a few weeks time, as part of the Digital Radio Mondiale consortium. Broadcasts will be made from Europe to New Zealand and, if reception is anything like that on shorter hops within Europe, RNZI is already planning to begin digital broadcasts with a **second, new transmitter**.

The digital broadcasts will be directed to the main Pacific target area, and with digital receivers placed in local broadcaster studios, RNZI's programs can be effectively rebroadcast in FM stereo quality over local stations. This will considerably enhance RNZI's service to the Pacific.

The existing 100kW transmitter can then be redeployed to target current fringe reception areas such as the western USA and Asia and provide emergency SW coverage during tropical cyclones and earthquakes which may have knocked local broadcasters off air.

Pacific National Radio Network (PNRN) was reported on in Adam's column last month. I went along to their Wellington meeting to find out more. It's now a 4 year pilot with a budget of NZ\$7.7m and plans for transmitters in 12 locations: Whangarei, Auckland, Hamilton, Tokoroa, Taupo, Taranaki, Hawkes Bay, Palmerston North, Wellington, Christchurch, Dunedin and Invercargill plus SKY Digital nationwide.

Program time will be based on population sizes, which means it will be predominately Samoan language. Other groups will get proportionate airtime, and smaller ethnic communities from Kiribati, Solomon Islands, Papua New Guinea etc will also get airtime. Fijian Indians are entitled to access also.

The network will be on air by September. It's possible there will be live streaming of the network on the Internet, thus opening possibilities for rebroadcast back on home islands. Funding is separate from existing NZ On Air funding for 531PI, Samoan Capital Radio 783 and other Access programs.

However, it's clear that local audiences may be decimated by PNRN and existing Pacific program makers are being urged to join together to bid for program blocks to supply to the network provider once one is chosen.

There's a lot more **Pacific news** from Pacific Island Report (PIR) and other sources this month. It's either a feast or a famine, but because Talkback is featured on www.radiodx.com we're trying to make sure our Pacific coverage is as broad as possible.

Firstly, **American Samoa** where we read about new **585 WDJJ** in Tony's column last month. This one is due on air around the end of March, so listen for tests from middle of the month. (PIR) **National Public Radio** will also have a station there soon, located at the American Samoa Community College. An NPR grant of US\$260,000 has been requested to cover transmission gear and build the production studios for the new on-campus station. (PIR).

Meanwhile, in **Hawaii**, local NPR outlet **KIFO 1380** has been sold to Utah based Legacy Communications and NPR uses the sales proceeds to expand FM coverage in the islands.

Legacy then plans to move KIFO to **1370** so a Washington state station can redirect it's signal on 1380 and avoid interference to and from Hawaii. What would Alan Roycroft say!

Now, this Legacy outfit has a bit of a track record according to the Honolulu Star-Bulletin newspaper. They also own **1170** the old **KOHO** which used to broadcast in Japanese. In the last two years, it's gone from KOHO to KBUG, to KBNZ to KZEZ, back to KBNZ and then to **KENT** in January 2002, and now it's gone altogether. Silent that is. (Gee, and I missed all those call changes too!)

The plan is: **KENT 1170** moves to join the KIFO tower, which sheds KLHT 1040 to it's own

new tower (because it can't run 10kW from this location as the local FCC monitoring station is between the tower and downtown) and the double harmonic interference of 690 on 1380 disappears with KIFO's move to 1370. This reads like a QSL from Alan Roycroft, but shows that AI must still be putting some spanners in the works!

Snowstorm knocks AM station off-air in Hawaii! Wow! What a headline. And, it's true. **KNUI Kahului 900** has its transmitter atop Mt.Haleakala and a freak wind and snowstorm on January 19 blew the station off-air. It's since returned, using about 1.66kW instead of the normal 5kW but should power up again real soon. (Melvin Ah Ching's Hawaiian Radio and TV Guide).

Radio Pasifik, Fiji has plans to broadcast regionally. Currently only on 88.8 from the University of the South Pacific, they're looking at using the 12 nation USNet satellite system. How they can rebroadcast locally in places like Kiribati is beyond me. In preparation, their new format is a mix of soul, Pacific, jazz, reggae and easy listening music. (PIR).

Also in Fiji, **Trinity Broadcasting Network TV** is on air 24/7 with satellite US religious programs. Suva is broadcasting, other transmitters are due on within the next two months. Local mainstream churches are not happy at the newcomer, who also broadcasts in other Pacific locations such as Tonga, Vanuatu and Papua New Guinea (PIR).

To **Papua New Guinea** now where **Radio East Sepik (Wewak 3335)** remains off air claiming it only got half its 2000 budget and doesn't know who got the rest. They've managed to buy a new car and some new transmitter parts but are still faced with bills from the Aitape tidal wave disaster which forced relocation and new buildings. Local politicians claim it's a plot to stop freedom of expression by local people.

Another station, **Radio West New Britain (Kimbe 3235)** has an answer. It now charges other government agencies for airtime instead of placing all their programs and notices for free. They've called for support from state agencies otherwise they'll run out of funds also. (PNG Independent Online/Post Courier Online via Don Nelson via Dexplorer).

Meanwhile, **Radio North Solomons (Kieta 3325)** signed off on February 6 after running out of money. Broadcasts had continued to support the peace process on Bougainville, but the station owes money locally and can't continue. (PIR).

David Norrie, Auckland says *here's a superb site for DXing aeriels* and directs us to www.hard-core-dx.com/nordicdx/antenna which might encourage some experimentation, especially from those who've built K9AY systems and can tell us all about them.

Another aerial site comes from **Mark Connelly, Billerica, MA** who writes via Greyline DX: *there's been a lot of discussion of remotely-controlled termination resistors in beverage and Ewe antennas. I've put together a short article with 5 linked drawings to make construction easier* and you can find this at www.qsl.net/wa1ion or email MarkWA1ION@aol.com for more details.

Paul Aronsen, Invercargill has been busy with the latest *Southland DX Digest* which includes gossip from around Convention 2002, Tiwai access issues, local members social news and reports of reception in Southland of new Virgin Islands X-bander on 1620.

Herman Boel (email via Greyline DX) has completed the 2002 **European Mediumwave Guide** and offers it free. It runs to 95 pages, is packed full of accurate up to date data covering Europe, North Africa and Middle East and can be downloaded from his website which is <http://users.pandora.be/hermanb/Emwg> using pdf format. Thanks Herman.

David Onley (email via Greyline DX) sends news of an FCC freeze on any major changes to the expanded AM band. This provides time to study 'novel and complex AM band licencing

issues' such as protection standards, where stations can be located, and whether new communities really are getting new stations or just existing ones moved from elsewhere.

Uruguayan Ham/SWL 'Alfredo' writes *I would introduce my website elEskuch@ to listeners in the HF amateur bands, but with information for the SWL in general. The best sections are Beacons, Contests, QSL Gallery and Propagation. Visit www.qsl.net/cx3no to see more.*

Dario Monferini, Milano, Italy (also dubbed *The Marmalade and Milk Man* at Convention 2002) tells us he returned home to snow after his journey to NZ and Australia. Reporting that he enjoyed his trip immensely, he spent some time with **Harry Weatherley** in Melbourne and eventually convinced his airline to allow him to bring back his haul of auction goodies and trades of stickers, pins, t-shirts and more although a few kilos had to be redistributed to meet the weight allowance! (*Great to have your company in Wellington and in Oamaru, we're glad you reached Italia safely. Enjoy Milano in winter!*)

NZRDXL Archives at Hocken Library, Dunedin proved an eye-opener for **Dr Adrian Peterson** and myself during our research time there. We actually discovered a new station, with a souvenir QSL in **Frank A Wilson's** collection from **4BR Brisbane** which tested with 500 watts on 940kc on January 7, 1938. This was a test from the National Broadcasting Service.

We owe an immense debt to **Peter Grenfell, Oamaru** and others who've helped protect the material, move it from Timaru to Oamaru to Dunedin, and set in place the foundation for a world class resource.

Our Archives are very rare. The largest historical QSL collections in the world are in Vienna (mainly amateur stations), the Committee to Preserve Verifications (CPV) collection at the University of Maryland (**Jerry Berg** a recent new NZRDXL member heads this effort), the AWR Collection of Adrian in Indianapolis, and the NZRDXL Archives in Dunedin.

The need to **protect QSL collections** is even more important today. Right now, old QSLs, pennants and other radio items so familiar to us all, have become collectibles. You'll see cards traded on the internet and at radio fairs. A 1952 VOA QSL is currently up for auction with bidders pushing the price to US\$7.50, and even a 2GZ card from Orange, NSW in the 1930's is worth over US\$3. The envelopes in which QSLs arrived may be worth even more as postal history items.

The Radio Heritage Subcommittee is working on the whole issue right now to make sure that NZRDXL materials are protected, preserved and made available for access via the *Radio Heritage Collection* and the *Hocken Library*. This involves working up acceptable criteria for accepting materials, cataloging them, accessing them, storing them and much more.

Private vintage radio collections in New Zealand are now being broken up, auctioned off and raided by overseas collectors. Now that QSLs have become a tradable item worth money to people, keeping collections within the NZRDXL Archives is very important. Please write to me at PO Box 3011, Auckland or email me at talkback@radiodx.com if you have questions about your own collection.

Jerry Berg, Lexington MA tells us of new articles now at the CPV website, including one on *The Deutscher Kurzwellensender, Berlin* (German SW) which includes their May 1938 program guide for North America. Other new items relate to broadcasting in Argentina and Uruguay, and airchecks from *Radio Luxembourg*, *Radio RSA* and others from the 1970's. Check the website at www.ontheshortwaves.com for these and many other items of DX interest.

Jim Grubb, Illinois writes *I'm a fulltime professor of communications at the University*

of Illinois. Part of my scholarly research work involves the history of AFRTS (especially the Pacific) so the information at www.radiodx.com is invaluable. Most of the published material is about AFN and other European operations. The Pacific area seems to have been shortchanged.

Jim maintains an excellent website on the FEN at www.fen.jg3.com and served at FEN Tokyo from 1966-68. FEN emerged out of the Jungle Network which was well heard in New Zealand at the time. Our two websites will be linking and sharing research on the early days of FEN.

Subscriptions to the e-DXT received before **March 31** go into the draw to win *Radio Happy Isles* the book on broadcasting in the contemporary Pacific. New subscribers go to the NZDXT page at www.radiodx.com, download the simple membership form, and can pay by VISA and Mastercard. For one year, the cost is just US\$10. We'll have a fantastic new shortwave book available for subscriptions received from April 1 to June 30, but *Radio Happy Isles* is up for grabs right now.

Latin American Radio Tour reminder that dates are **October 4-20 2002**, the cost is US\$3665pp twin share ex Auckland, single supplement is US\$650 and land package is just US\$2410pp twin share ex Buenos Aires. Deposit is just US\$420 to secure your place. Full details are at www.radiodx.com, in the December 2001 NZDXT or available from PO Box 14339, Wellington, New Zealand or talkback@radiodx.com as a brochure.

The tour visits Buenos Aires, Montevideo, Rio de Janeiro and Santiago de Chile, includes social meetings with local DXers, visits to radio stations, great sightseeing in the great cities of South America, and the chance to join with a really international group of DXers and radio fans along the way! Just send your deposit now and enjoy Latin America with us in October!

How to listen to Africa! Please send your tips to us over the next month or two. We'll have our *African DX Guide* in the DXT soon, so readers can enter the **2002 Vacation BCL Contest**. See last month's *Talkback* for more details. Great prizes to be won!

Some information from Paul Ormandy (via Ripple (email) mailing list) about two items currently on sale at DSE that would appeal to DXers:

Digitor voice-activated cassette recorder (palm size). The beauty of this unit is that you don't need any sophisticated devices to switch the timer on. Set the timer on your receiver (if it has one!) then simply hook up the audio and set it to voice-activation mode. The tape recorder will sit there blissfully until the timer on your set activates and the audio switches on the recorder. Price is \$59-50 and Item Code A5355

Compact Timer/Clock. A handy little device that I've had one of for about 20 years (and they still look just the same!). This device has a good display, includes seconds and has a 24-hour option so it's great for DX. The timer is piercing enough to rouse me from my sleeping bag (and everyone else in a 2km radius!). Price \$20-70 and Item Code Y1023.

Also check out Dick Smiths' website for other ongoing specials at <http://www.dse.co.nz>





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

KHz UTC Country, Station, Programme, & Reception Details

3205	0928	PNG, Unid with news at 0928 on fiscal problems in Western Highlands (possibly R Sanduan — Ed) — DN 12/2
3245	1015	PNG, R Gulf good with "relig music and love on R Gulf" — DN 3/3
3279.5	0900	ECUADOR, La Voz del Napo with 2 audio streams at the same time, R Maria with relig vocals, 2 nd stream of light orchestral music, both ended at 1000, then Napo opened with ID in presumed Quechua, good — JB 10/2
3291.3	0856	GUYANA, R Guyana good in EE with talk, ID and news at 0900, no GRM but very low audio — RAD 31/1
3310	0901	BOLIVIA, R Mosoj Chaski flute followed by ID and long talk, fair RAD 31/1
3365	1811	INDIA, AIR Delhi fair/poor in EE and Hindi with ethnic music, ID and news at 1830 — KVB 8/2
3903	0550	"USA", AFN on USB // to 10320, poor. Thought by European Dxers to be from Sigonella — JB 24/2
3915	1733	SINGAPORE, BBC WS fair in EE with Cup of Africa commentary — KAB 10/2
3935	0811	NZ, ZLXA fair with relay of National prgm — KAB 9/2
4761.6	1023	BOLIVIA, UNID with lively music, Bolivia and Frontera mentioned, fair at 1030 but faded out by 1050 — DN 28/2
4775	1656	INDIA, AIR Imphal poor/fair in EE with spoken prgm and ethnic music// 4800, 4840, 4910, 4920, 5040 all better. ID 1701 — KVB 17/2
4790	1740	PAKISTAN, Azad Kashmir Radio poor in unid language with comment and music, faded out by 1800 — KAB 10/2
4800	1745	INDIA, AIR Hyderabad fair in Hindi with comment — KAB 10/2
4815	0824	BRAZIL, R Difusora Londrina fair in Portuguese with phone-in and music, several refs to Londrina — KVB 4/2
4820	1745	BOTSWANA, R Botswana fair/poor with prgm of classical music with EE announcements, ID 1800 then more music — KAB 10/2
4825	0827	BRAZIL, R Cancao Nova poor/fair in Portuguese with Rosary recitation, IS 0829 — KVB 16/2
4834.9	1055	PERU, R Maranon lively Peruvian vocals until 1059 ID and Spanish talk. At 1100 T/C ID and news in Spanish — RAD 22/1
4914.4	0940	PERU, R Cora del Peru v good with ID in Spanish — BCX 29/1
4915	0845	BRAZIL, R Anhanguera poor/fair with interview, ads, music, modulation poor on mike but OK on music, ID 0855 — KVB 11/2
4985	0741	BRAZIL, R Central Goiania poor/fair in Portuguese with music, rooster, ads and ID 0800 — KVB 5/2
5009.5	1053	PERU, R Altura good in Spanish with preaching and problems in Argentina

		— DN 6/3
5019.9	0850	SOLOMON IS, SIBC fair in Bislama, to EE 0901 with relig vocals — JB 17/2
5055.1	1000	BRAZIL, R DiffusoraS (f) Portuguese talk , drum roll and tent ID at top of hour, no sign of Faro de Caribe — DN 28/2
5840	1836	SWEDEN, R Sweden fair in EE with Sono on Sundays — KAB 10/2
5855	1710	ARMENIA, TWR good in EE with ID and music, some noise — CC 12/2
5905	1737	UKRAINE, R Ukraine Intl fair in Ukrainian with comment, some noise — KAB 27/2
5925	1741	RUSSIA, V of Russia fair in Arabic with comment, ID 1743 — KAB 27/2
5935	0816	USA, WWCR fair in EE with usual relig prgm — KAB 9/2
5952.7	1008	BOLIVIA, R Pio XII with T/C, IDs, good in Spanish but het — BCX 31/1
5955	0820	NETHERLANDS, RN fair in Dutch with spoken prgm, het and noise, ID 0831 KAB 9/2
5964.8	1050	UNID, possibly R Nacional Bolivia but too weak to get meaningful details DN 3/3
5965	1752	CHINA, CRI fair in Russian with Chinese lesson, ID 1754 — KAB 27/2
5975	0706	GERMANY, V of Hope good in EE with relig prgm, ID 0724 — CC 5/2
6000	0807	BRAZIL, R Guaiba fair in Portuguese with 40/50s swing music, 0845 T/S, ID KVB 17/2
6040	0847	BRAZIL, R Paranaense fair in Portuguese with discussion and address to live audience, ID 0853, 0901 — KVB 16/2
6045.4	0917	PERU, R Santa Rosa (presumed) long Spanish talk with no breaks for ID, fair RAD 31/1
	0932	PERU, R Santa Rosa v good with full ID in Spanish — BCX 30/1
6060	0928	ARGENTINA, R Nacional fair with orchestral music — BCX 30/1
6071.2	1014	INDONESIA, RRI Jayapura with pop music prgm, ID in Indonesian 1018 — BCX 29/1
6110.7	1757	AZERBAIJAN?? Baku tent badly splattered by VOA6110, audible past 1830 BCX
6135	0805	BRAZIL, R Aparecida good in Portuguese with spoken prgm with music behind // 9630 the same — CC 14/2
6145	0000	CANADA, R Japan via Sackville with news in EE — JSB 5/3
6150	1055	SINGAPORE, News Radio 938 relay with economic news . Good over Costa Rica. From 1100 carries R Singapore Intl — BCX 31/1
	2157	NTH CYPRUS, R Bayrak audible after CRI s/off with group singing, trumpet fanfare and classical orchestral music, Turkish Natl Anthem to 2202 JB 1/3
6153.8	1003	INDONESIA, RRI Biak good with pop vocals, very few announcements — BCX 29/1
6160	0800	CANADA, CKZU-CBU with CBC news, CBC Radio One, British Colombia — DN 10/2
6195	1855	UK, BBC WS fair in EE with Agenda, ID, T/C then news — KAB 9/2
6249.4	2202	EQUATORIAL Guinea, R Nacional running late with Spanish talk and highlife vocals — RAD 13/1
6350	0903	HAWAII, AFN good on USB in EE with AFRTS News — CC 21/2
6354.4	1030	PERU, R Union with news, good in Spanish with ID as "Radio Union del Peru" — BCX 29/1

6458	0909	PEURTO RICO, AFN good in EE on USB with US news, a little distorted — CC 21/2
6715	2203	UNID on USB in Korean with relig prgm, severe RTTY QRM 2230-2240. Location not known, and not on daily — JB 1/3
7125	0426	MOLDOVA, V of Russia via Grigoropol good with "News & Views" prgm// 7180 fair — BCX 30/1
7171	0910	INDONESIA, RRI Serui fair in Indonesian, only announcement heard was at 0915, rather muffled continous recordings in Indonesian — IC 12/2
	0942	INDONESIA, RRI Serui with talk. Anthem at 0848 then close down — BCX 30/1
7180	0400	MOLDOVA, V of Russia good with great music — JSB 5/3
7190	1656	CHINA, CRI good in EE with stn announcements, ID and off, some noise — CC 12/2
7210	0730	BENIN, ORTB fair in French with recordings and announcements — IC 12/2
7240	1940	AUSTRALIA, R Australia fair with pop music, some QRM — KAB 11/2
7265	0700	GERMANY, Sudwestrundfunk fair/good with music and ads in German — DN 12/2
7345	1933	SLOVAKIA, R Slovakia Intl fair in EE with news, ID at 1935, slight QRM // 5915 & 6055 not as clear — CC 23/2
7385	0400	CZECH REP, R Prague in EE with news, muffled audio — JSB 6/3
7405	1454	CHINA, CRI fair/good in EE with end of "Spotlight" and ID, slight distortion — CC 24/2
7455	1732	GUAM, KSDA good in EE with ID and health news // 11560 the same — CC 12/2
7590	2000	BELGUIM, Tomorrow News Tonight from unknown site. A new relig broadcaster through RDP organisation in Belguim. Very weak in EE, on Mon-Fri. Some days inaudible but should improve over the coming weeks — IC 5/2, 26/2

Logging of the month goes to **Ian Cattermole** for RRI Serui, Indonesia on 7171 at 500 Watts non directional. Station also logged by Bryan Clark on a much larger antenna. A good catch for both of you.

My thanks to all the contributors, with a good variety of loggings. Don't forget the frequency changes at the end of March. 73's, Ken Baird

CONTRIBUTORS FOR THIS MONTH **BCX** — Bryan Clark, Convention, AOR 7030+ : **CC** - Cliff Couch, Paraparamu, ATS 803A, 60m horizontal loop, 2x30m wires N/S & E/W: **DN** — David Norrie, Auckland, AOR 7030, T2FD, 25m longwire with balun, 12m vertical : **IC** — Ian Cattermole, Blenheim, JRC NRD 535, T2FD and Alpha Delta antennas: **JB** — Jerry Berg, Lexington, MA, USA, R8, 165ft longwire : **JSB** — Jon Standingbear, California, JRC NRD345, 80ft longwire : **KAB** - Ken Baird, Christchurch, R5000, Drake SW2, 15m wire, SW Eavesdropper: **KVB** — Kelvin Brayshaw, Levin, Collins 51J4, 40m&70m horizontal Loops : **RAD** — Richard D'Angelo Wyomissing USA, R8B, Lowe HF 150, Alpha Delta sloper, RF Systems mini windom, Datong FL3, JPS ANC4. Contributions to this column may be sent to PO Box 3011, Auckland or K A Baird, 10 Sarabande Avenue, Christchurch, 5.

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bandwatch.over9@radiodx.com

Compiled by Andy McQueen, Trentham, Upper Hutt

Hello from Trentham where the leaves of the trees are already turning gold in colour so we are now facing autumn early, and Daylight saving time has ended. Many stations will be changing their schedules at the end of the month, so look out for changes. All times given are UTC.

KHZ	TIME	COUNTRY STATION & PGM DETAILS INITIALS
9355	0445	USA WYFR Fair/good in EE with religious songs 5/3 ABD
9400	0355	BULGARIA R Bulgaria Fair in EE with Id 4/3 ABD
9470	0508	GERMANY V of Croatia V/good in EE with News ABD
9510	0710	FINLAND YLE R Finland Good in EE with news from Finland //21670 same 1/3 CC
9355	1629	KAZAKHSTAN Voice of Orthodoxy via Almaty opening in RR with chiming bells. Religious pgm until closing at 1659 1/2. BCW
9490	0418	BELGIUM RTBF Brussels in FF with protest songs, fair 30/1 // 9970 good. BCW (via Germany ? Ed)
9550	0430	ROMANIA RRI Poor in EE with co-channel QRM 9/2 IC
9560	2000	TURKEY VOT Strong in TT 4/3 IC
9565	1003	USA R Marti Fair in SS with Id at 1006 9/1 KVB
9590	0435	NETH. ANTILLIES R Nederland via Bonaire Good in EE with newslines pgm 5/3 ABD
9600	1108	SINGAPORE Radio Singapore International vgd with promo for "Singapop" pgm and request for listener feedback including email address "english@rsi.com.sg" 31/1. BCW
9630	0843	BRAZIL R Aparecida Fair-good in PP with Mx possible sports broadcast then ads & news Id at 0857 and 0925 14/2 KVB
9680	2030	THAILAND R Thailand Good in English 1/3 IC
9720	0400	TUNISIA RTV Tunisienne Good in Arabic // 12005 even better 4/3 IC
9725	0902	BRAZIL R Paranaense Fair in PP animated announcer with EE pop Mx with slight co-channel QRM got worse from 0915 Id 0902 10/2 KVB
9737	0942	PARAGUAY R Nacional Fair in SS with spoken pgm & song about Paraguay At 0959 Id and schedule 12/2 KVB
9769.2	0550	UNIDENTIFIED station here in Arabic or similar language. Frequency drifted up to 9769.5 by 0650. Left the air prior 0701 recheck. BDC14/1
9770	2145	CANADA RCI Sackville Good in EE 4/2 IC
9779.6	0604	YEMEN Sanaa Radio poor but clear at 0604 in English. Reception is currently better for 1800 English transmission, though readability varies from day to day depending on signal levels from adjacent frequencies - Beijing 9785 (1830-1856 only), VOR English on 9775 and VOA Arabic 9770. BDC 10/1
9785	1700	THAILAND R Free Afghanistan Good in Dari Language 9/2 IC
9805	2130	UAE RCI relay via Abu Dhabi V/good in EE 16/2 AMQ
9875	0400	AUSTRIA AWR Moosbrunn Good in Arabic 3/3 IC
9885	0428	BOTSWANA VOA relay Good in EE with News 5/3 ABD
11530	2015	USA WEWN Weak but clear in Spanish 16/2 IC

11600	0430	CZECH REPUBLIC R Prague Good in EE with Id & Nx and weather 4/3 ABD
11600	2120	SWEDEN RCI relay V/good in EE 16/2 AMQ
11710	0215	ARGENTINA RAE Fair-Good in EE with music 0220 News 5/3 ABD
	0218	Fair-Good in EE with Music then Id 9/2 CC
11730	1929	PHILIPPINES R Pilipinas Fair in EE with Id & transmission details 23/2 CC
11740	0234	ROMANIA RRI Fair in EE with letterbox pgm 9/2 CC
11735	1832	AUSTRIA? Radio Africa International with news commentary in English 1832. Frequent Id's but reception difficult due strong Taipei 11740 & Zanzibar 11734. BDClark 12\1
11785	0840	BRAZIL R Guaiba Fair in PP with spoken pgm Some Mx and ads with several Id's Suffers bad splatter from 0915 28/2 KVB
11800	0315	ITALY RAI Rome opening in SS with anthem, strong 30/1. Parallel 9675 poor. BCW
11835	0500	BOTSWANNA VOA Fair in EE with News Now pgm 22/2 AMQ
11840	0900	RUSSIA. GTRK-Sakhalin: If the Russian stn here is them, then it appears that they have their own pgm at 0900-1000 on Saturday, as Mar 2 is the 2nd time I have noted non-R. Rossii prgmng here at that time, with Rossii relay both before and after (//13705, 7345, 7200). Pgm at 0900-1000 consists of pop vocals, mostly in RS, occasional EG, with studio talk by two men, one of whom is often on the telephone with someone, usually a woman, with the announcer rather than the caller doing most of the talking. Reception mediocre on Mar 2, tho improved some at 0945-1000. No ID noted, and would require better signal to pick that out (if there is one). JB
11895	0459	FRENCH GUIANA NHK/R Japan Fair in JJ with S/on Nx and Japanese Pop music Id @ 0500 & 0515 12/2 KVB
11915	0820	BRAZIL R Gaucha Fair-Good in PP with spoken pgm & musical bridges and item about Michael Douglas film Id at 0821 & 0833 14/2 KVB
11925	0754	BRAZIL R Bandeirantes Good in PP with talkback & pop mx and animated announcer taking about "gato" canned "meeow" at intervals Id at 0802 12/2 KVB
11980	1659	GUAM KSDA Fair in EE with station announcements Id and then S/off 12/2 CC
11985	0412	NETH ANTILLIES RVI Bonaire relay Good in EE with Mailbag pgm 4/3 ABD
12000	0749	BULGARIA R Bulgaria good in FF with Music and male announcer //13600 1/3 CC
12005	1950	TUNISIA RTV Tunisienne V/good in AA 25/2 IC
12025	1720	INDIA All India Radio Panaji (Goa) V/good in Hindi. Malayam broadcast 1730 to 1830, 1/2.BCW
12060	0427	MADAGASCAR Radio Voice of Hope IS with woman announcer giving English ID ("This is Radio Voice of Hope.") for this Saturday only transmission. A man with News in Arabic followed by children's choir. Fair to good with a bubble jammer in background. //15320 fair but in the clear. 19/1 RAD
12085	0925	MONGOLIA Voice of Mongolia, soft instrumental music and brief announcement by a man followed by IS. Man and woman with ID and announcement in Russian, some music and news. Fair to good signal with moderate fading. 31/1 RAD

13362	0913	GUAM AFRTS Fair in USB mode with Pop Mx and American announcer 21/2 CC
	2245	relay in a Newstalk format, talk about medical research, fair 29/1. BCW
13605	2250	INDIA AIR Fair in EE with sitar music and vocalist Id at 2300 & Nx 27/2 CC
13630	1613	UAE R Dubai Weak in EE with music rather noisy // 13675 noisier 5/2 CC
13670	0835	SOUTH KOREA Seoul with 'Multiwave Feedback' Sundays V/good strength, // 9570 good. Programme featured Victor Goonetilleke's return to shortwave news reporting, on the 1st Sunday of each month. BDC 6/1
13765	1900	GERMANY IBRA Sweden via Julich 19/2 IC
13810	0800	GERMANY Remnants Hope Ministry V/good in EE 16/2 IC
13820	0831	GERMANY V of Croatia Opens in EE with Id and transmission announcements 21/2 CC
15100	1603	PAKISTAN R Pakistan Fair in EE with News Some noise // 11570 weaker 5/2 CC
15120	0859	NIGERIA V of Nigeria Fair in EE with Id a little distorted 21/2 CC
15205	0422	GREECE VOA Kavala relay Good in EE with Sports results 4/3 ABD
15225	0527	SOUTH AFRICA Adventist World Radio, Jan 19, soft music to multi-lingo IDs at 0529, brief IS followed by opening ID. Into a program in an African language with ID and Talk. Fair. 19/1 RAD
15330	1555	GUAM KTWR Strong in EE with religious message Id @1557 and off 5/2 CC
15355	0313	OMAN R Sultanate of Oman Weak in EE with Koran reading Id as "Good morning Oman" at 0346 12/2 CC
15335	0420	ROMANIA RRI Good in EE with listeners letters and songs // 11830 also good 4/3 ABD
15335	2334	PHILIPPINES FEBC Radio International, Manila interval signal and EE Id's at closedown 29/1. BCW
15360	1548	CHINA RCI relay Strong in EE with interview //17820 noisy 5/3 CC
15476.4	2030	ANTARTICA LRA 36 Weak in Spanish with nice music 1/2 AMC
15525	1300	SRI LANKA R Free Afghanistan via Iranawila V/good in Pushtu Id's etc Also on // 11920 via Greece and 9785 via Thailand at 1330 4/2 IC
15670	1600	GERMANY V of Ethiopian Salvation via Julich V/good in Amharic? 13/2 IC
15820	0800	ARGENTINA Cadena Tres Strong in Spanish 19/2 IC
15820	1048	ARGENTINA Radio Continental relay on LSB w/ commercials and SS talk, very good strength. Also heard during the day relaying Radio Diez 29/1. BCW
17495	0800	TAJIKISTAN Voice of Russia World Service Dushanbe relay opening in EE, fair 29/1. BCW
17490	0800	RUSSIA VORWS Fair in EE with News // 17590,17665 21485 & 21790 19/2 GLR
17505	0700	SWEDEN R Sweden Fair in Swedish with Winter Olympics 16/2 GLR
17520	0620	GREECE V of Greece Good in Greek with Music // 11900 & 21530 7/2 GLR
17535	0715	ISRAEL Kol Israel Fair in Hebrew // 15760 poor 4/2 GLR
17550	0735	SLOVAKIA R Slovakia Int. Good in Slovak // 15460 13/2 GLR
17560	0629	IRAN VOIRIB good in AA with Mx and chanting //17680 14/2 GLR
17585	0745	GT BRITAIN BBCWS Id @ 0800 then EE /AA lesson //17640 13/2 GLR
17595	2045	USA WEWN Good in EE Id as "Global Catholic radio" Religious talkback pgm

		16/2 GLR
17605	1905	NETH. ANTILLIES R Nederland Good in EE on Fish Quotas 4/2 GLR
17620	0810	FRANCE RFI Good in FF // 21580 & 17850 19/2 GLR
17645	0450	AUSTRALIA Christian Voice Fr-Good talking about plants 4/3 ABD
	0430	Good in EE with Music 11/2 GLR
17660	1945	SWITZERLAND SRI Good in EE item on money laundering 22/2 GLR
17665	0740	RUSSIA VORWS Poor in EE and mixed with SRI also in EE 14/2 GLR
17670	1900	INDIA AIR Poor in EE with News 5/2 GLR
17720	0710	ROMANIA RRI Fair in EE with News 14/2 GLR
17735	2200	PHILIPPINES VOA Relay Good in EE with Nx 4/2 GLR
17770	0754	CHINA REE relay Strong in SS with pleasant Mx Id at 0756 //21510 the same 1/3 CC
17780	0425	HAWAII KWHR V/good with Christian country music 4/3 ABD
	0440	Fair in EE with religious songs and Id 5/2 GLR
17790	0230	SINGAPORE BBCWS Good in EE with listeners letters 5/3 ABD
17790	0425	THAILAND BBCWS Fair in EE the effect of Alzheimer's on marriage 26/2 GLR
17810	1900	GERMANY D/Welle Good in EE News of Milosevich trial 14/2 GLR
17820	0830	AUSTRIA Adventist World radio very good signal Sundays with 'Wavescan' DX programme. // 9660 only fair signal. Included interview about Samoan broadcasting. BDC 6/1
	0850	Poor in English with DX pgm Off 0900 10/2 GLR
17820	0900	GERMANY D/Welle Id and World Nx Fair signal 10/2 GLR
17830	0745	ASCENSION IS BBC Network Africa Good in EE with African Nx 12/2 GLR
17845	0000	USA WYFR Good in Spanish 20/2 IC
17860	0218	CANADA RCI Fair in EE talking about people smugglers 5/3 ABD
17870	1720	SOUTH AFRICA Channel Africa Fair in EE with African Nx 12/2 CC
17870	0645	AUSTRIA ORF R Austria Good in EE Item in Euro then Mozart to end 0700 1/3 GLR
17895	2015	MOROCCO VOA Good in EE News then live to Winter Olympics 16/2 GLR
18960	1448	SWEDEN R Sweden Strong in EE with Mx pgm with some distortion // 17505 the same 24/2 CC
21455	0700	ECUADOR HCJB Good in EE with World news 15/2 GLR
21525	0830	UAE Abu Dhabi R Nederland Fair in Dutch with special broadcast of Dutch royal wedding Slight QRM 2/2 AMC
21550	1940	CHILE Voz Christiana Good in SS the next day experimental pgm in PP // 21550 17/2 GLR
21598	0630	UAE R Dubai Good in AA with Mx // 13675 poor was 21605 25/2 GLR
21630	0830	PORTUGAL D/Welle digital tests via Sines. I monitored this frequency on 5 & 6 March for special DRM broadcast. First date there was no action until 0925 when the 'hash' of a strong digital signal began abruptly, completely covering 21625 to 21635. The following day the transmission began on schedule at 0830. The signal level was consistent across the whole 10kHz rather than tapering off as one would find with an analogue transmission. BDC
21655	1930	PORTUGAL RDP Fair in Portuguese // 2181022/2 GLR
21670	0735	FINLAND YLE R Finland Good in EE with Nx and Wx 9/2 GLR

21705	0710	SLOVAKIA R Slovak Int. Fair in EE talk pgm 9/2 GLR
21725	0150	AUSTRALIA R Australia Good in EE Id 0200 //17580 17750 4/2 GLR
21755	0645	JAPAN NHK/R Japan Good in EE Changes in JJ Mx Next EE at 1000 9695 & 15950 5/2 GLR
21830	0825	CYPRUS BBCWS Good in EE talk on politicians & TV // 17830 5/2 GLR
25870	0100	USA WFLA Tampa Florida continues to be heard regularly with FM mode transmission. On the hour, time pips, Id as "Newsradio 9-70, WFLA". BDC

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 Thanks very much to all contributors for this month.

Logging Competition the winning logging is: **Arthur de Maine with VOA Botswana 9885 kHz**

You can contact me via PO Box 3011 Auckland or direct at:
 36A Brentwood Street Trentham Upper Hutt. Please remember the A (A for Andy) otherwise your mail may be delayed or you can use the E-mail address as listed above.

73's
 Andy McQueen

SHORTWAVE EXCHANGE

ABD Arthur De Maine at Otaki Beach Drake R8 & 30 m long wire/**AMQ** Andy McQueen Trentham Upper Hutt Sony 6800W 30m long wire/**AMC** Andy McQueen at Camp Iona Kenwood R 5000 & 50m long wire / **BDC** Bryan Clark Auckland + AOR7030 /**BCW** Bryan Clark, DXing at Waianakarua 29/1 to 1/2 with AOR7030+ and very long wires./ **CC** Cliff Couch Paraparaumu Sangean ATS 803A with 60m horizontal loop /**GLR** George Rolton Dunedin Rx DX302 Antenna G5RV and trans match / **IC** Ian Catermole Blenheim JRC NRD535 T2FD and Alpha Delta antennae / **JB** Jerry Berg Lexington Ma USA Drake R8 and 165 foot long wire(50 metres?) / **KVB** Kelvin Brayshaw Levin Collins 51J4 and HF loop / **RAD** Richard D'Angelo on DX expedition French Creek State Park USA Drake R-8B, 500 foot wire essentially north, 100 foot wire essentially southeast and a Montgomery Active Antenna, Datong FL-3

shortwave.mailbag@radiodx.com

Compiled by **Laurie Boyer, Invercargill**

Not much in this Month but daylight saving ends soon so that should make a difference. First up this Month is **Ray Crawford Brisbane** who has a pirate in Radio Europe 7306 and AIR Shillong 4970.

Next is **Stu Forsyth** who has VOA Philippines 9525, 11870, 15180, 15290, Thailand 9770, Sri Lanka 15305, Kavalla 9690, 9760, Botswana 11655, [Country #100] Radio Tampa 3945, 6115, Voice of Russia 11820, St Petersburg 15275, Khabarovsk, 15470 Ussurlisk, Radio Japan 11830, 11850, 21670 all via Japan, 11920 via Singapore Country #101, Hrvatska Radio 9470, 13820 both via Julich.

Ian Cattermole Blenheim With Rdw Antigua 9510, Voice of Korea 13650, 9850, SARL 21560, Vatican Radio 5885, WEWN 15395, RTV Tunisienne 7110 7275 12005, [EM], Voice of Ethiopian Salvation Julich 15670 [EM] BBC Seychelles 11835,9610, 9630, Radio Canada International

Sackville 9770, AWR Julich 15195.

Lindsay Robinson Invercargill With Radio Japan 15590.

Barry Williams Has KLNS 11765, Cairo 9990, Vatican Radio 15595.

Paul Aronsen Radio New Zealand 6095, Radio Botswana 4820, and Pirate Radio Europe 7306.

Best of Month Under 9mhz Radio Botswana 4820, Paul Aronsen.

Best of Month over 9mhz VOA Botswana 11655 Stu Forsyth

shortwave.report@radiodx.com

Compiled by Ian Cattermole, Blenheim

ANGOLA: The Episcopal Conference of Portugal has purchased all the necessary equipment for R-dio EcclĒsia to begin its own shortwave operations from Angola. The bishops are awaiting final authorization from the Angola government. Funds had been collected in the annual communications campaign of the Bishops Conference in Portugal. (Catholic Radio Update Feb via Hauser DXLD)

AFGHANISTAN: Radio Free Afghanistan launched

Radio Free Afghanistan, the latest addition to the U.S. stable of surrogate broadcast initiatives, launched today as Afghan interim leader Hamid Karzai visited the World Trade Center site.

The service opened in the Pashto language with a female announcer.

Radio Free Afghanistan (RFA) currently broadcasts according to the following schedule (Time in GMT):

1300-1330 Pashto 11920, 15525, 17725 kHz

1330-1400 Dari 11920, 15525, 17725 kHz

1700-1730 Pashto 6170, 9785, 11920 kHz

1730-1800 Dari 6170, 9785, 11920 kHz

Reception reports can be sent to RFE / RL, 1201 Connecticut Ave, NW, Washington, DC 20036 USA. More info on www.rfel.org/shortwave/shortwave-af.asp

(HCDX)

Sites for the above are: 17725=Udorn. 15525=Iranawila. 11920=Kavala. 9785=Udorn. 6170=DHA? (Cattermole)

CANADA: With the large number of relay sites currently in use by RCI it becomes difficult to determine exactly which country one actually hears.

Here are the sites in use: Armavir. Flevo. Hoerby. Kimjae. Moscow. Rampisham. Skelton. Singapore. Vienna. Wertachtal. Wooferton. Xian. Yamata. (Cattermole)

CONGO, DEMOCRATIC REPUBLIC. Radio Okapi Launches

Media Network contacted Chief of Information to the UN Mission in the Democratic Republic of the Congo, David Smith, about the new station Radio Okapi which launched on 25 February. David informs us that they did not manage to get the shortwave transmitter on the air in time for the launch, but hoped to have it running by Tuesday afternoon (26 Feb). The frequency is 9555 kHz (not 9550 as mentioned in press reports), and they're initially using an

old 10 kw Collins transmitter. Three 10 kW transmitters are being built, and are due to be delivered at the end of March. Broadcasts commenced as scheduled on FM in three cities: in Kinshasa on 103.5 MHz, in Kisangani on 94.8 MHz and in Goma on 105.2 MHz. Radio Okapi is operated jointly by MONUC . It will broadcast round the clock seven days a week, with news, features and music, focusing particularly on the DRC, MONUC's activities, the inter-Congolese dialogue and humanitarian assistance. (RN. NEWS MEDIA)

GERMANY: A new religious broadcaster, Remnants Hope Ministry (RHM) commenced broadcasts to Australia on Feb.16th. 0800-0900 on 13810khz. Saturdays only. Broadcasts are via DTK Julich. E-mail address is: remnet@bellsouth.net Reports can also be sent to DTK. (Cattermole)

HONG KONG: As late as 1996, Dxers heard Radio TV Hong Kong weather reports broadcast on shortwave for participants in the China Sea Race. This is a sailing race between Hong Kong and the Philippines organized by the Royal Hong Kong Yacht Club. The Cape D'Aguilar HF station in Hong Kong provided the actual transmission facilities, operating on 3940 kHz with 10kW.

In 1997, Radio TV Hong Kong told Cumbre DX that the broadcasts would no longer be made due to trouble and expense. The broadcasts were forgotten about until late 2001 when Roland Schulze in the Philippines reported to Wolfgang Bueschel's BC-DX that he heard weather broadcasts during a race in November.

The 2002 China Sea Race Series will be from March 28th until April 6th. According to the Royal Hong Kong Yacht Club the broadcasts will begin on March 28th starting at 0945 UTC (1745 local). There will also be a morning broadcast at 2345 UTC (0745 local). Both will be on 3940. The transmissions will stop on the morning on Tuesday 2nd April whereby most of the boats should have arrived. There will be a 2345 UTC transmission for the return journey from Sunday 7th April through to Friday 12th April.

The website for the race is: <http://www.rhkyc.org.hk/chinasearace/home.htm>

Those wishing to receive a QSL can contact: Cape D'Aguilar HF station, P.O.Box: 9896, GPO Hong Kong. Tel: +852 2888 1128. Fax: +825 2809 2434. Lam Chi Keung, Assistant Engineer, is the verification signer. (CUMBRE DX)

INDONESIA: Indonesia DX situation

Indonesian radio stations heard in January:

2899.1 RPDT2 Ngada .	3214.8 RRI Manado.	3264.6 RRI Gorontalo.
3325.0 RRI Palangkaraya.	3344.8 RRI Ternate.	3905.0 RRI Merauke.
3960.2 RRI Palu.	3976.1 RRI Pontianak.	4000.2 RRI Kendari.
x4003.2 RRI Padang seems to be inactive in January.		
4753.4 RRI Makassar.	4789.1 RRI Fak Fak.	4925.0 RRI Jambi reactivated on January 30.
6071.2 RRI Jayapura.	6153.8 RRI Biak.	7171.4 RRI Serui
9525.0 V.O.Indonesia, Cimanggis.	9552.5 RRI Makassar, local daytime broadcast.	
9680.0 RRI Jakarta, Pro5, Cimanggis.	9741.8 RRI Sorong, local daytime broadcast .	
11785.0 V.O.Indonesia, Cimanggis		
15125.1 RRI Jakarta, Pro3, Cimanggis.	(HCDX)	

ISRAEL: Kol Israel to cease foreign service

Shortwave listeners are facing the loss of another international radio service with the announcement by Kol Israel that their external service is to cease broadcasting by the end of February because of budget cuts.

The decision, called "astonishing" by Deputy Foreign Minister Michael Melchior, would end more than 50 years of shortwave broadcasts from Israel.

Israeli government officials are considering relying on the Internet to reach the Jewish Diaspora and other audiences abroad, instead of shortwave. (HCDX)

LATIN CORNER: EstÉreo Carrizal, Ecuador, on 3260 kHz

EstÉreo Carrizal, in Calceta, Ecuador, has been heard on 3260 kHz on 22 Jan 2002, until 2350. The program was called "Buenas tardes El Espectador" with news and information from Calceta and the province of Manabí. After 2330 music for 1-2 hours.

Jingle: "M-s apasionante que nunca, EstÉreo Carrizal".

Station owner, Sr. Ovidio Vel-squez, asks for listeners' reports from abroad.

Radio Cielo, Peru, on 6299v kHz

Radio Cielo, in Chiclayo, Peru, has been heard regularly on 6299v kHz, drifting a lot. For the first time I am able to more precisely state the station's location, as they in recent times have clearly stated that they are broadcasting from "la ciudad de Chiclayo". The DJ has also been live with IDs and greetings to various people in departamento Lambayeque, for example to "Muy Finca" and "San JosÉ".

Announces, at the moment, "6.30 MHz" and also heard better than before.

Radio Bethel, Peru, back on 5950 kHz

Radio Bethel, Arequipa, heard on 28 Jan 2002 between 0048-0105 on 5949.9v kHz.

ID "...usted est- en la compaÑía de los 1050 A.M. y 5950 en la onda corta de Radio Bethel".

This is the first time that I have heard this station, which makes me believe they have reactivated the station. Heard with strong signal, in spite of WYFR, USA, being on the same frequency.

EstaciÚn 2, Peru, new on 6560.3 kHz

Radio EstaciÚn 2, Huancabamba, heard on 6560.3 kHz until sign/off at 0215 on Jan 28 2002. This is a new station in Huancabamba, which may belong to a familia of radio stations owned by Radiodifusoras Huancabamba, which have earlier been heard on this station.

Announced a morning schedule between 1100-1500 and an evening schedule between 2200-0300. ID: "... les informamos la hora: 8 de la noche con 45 minutos; asÌ es, amigos, somos EstaciÚn 2 de Huancabamba, la radio de la nueva generaciÚn es una radio que naciÓ para nosotros y tambiÈn para ustedes oyentes..."

They asked for letter to Radio EstaciÚn 2, Barrio San Francisco, Huancabamba, Piura, Perú. (All Via. HCDX)

LIBERIA: In a suprise development at a news conference on 9 February 2002, Liberian President Charles Taylor announced the "immediate" restoration of the shortwave frequency for the Catholic-run Radio Veritas.

Radio Veritas was previously heard on 3450 and 5470khz. (RN. News)

MALAWI: TWR on shortwave from Malawi

Trans World Radio is established in Malawi with a newly commissioned Blantyre FM radio station.

The TWR management now states that it is time to proceed with phase two of an ongoing project. Phase two includes further FM repeater stations as well as an HCJB, 1 KW shortwave tropical band transmitter that will provide nation wide coverage at night. (HCDX)

Malawi back on 3380 and 7130 kHz

Chris Greenway in Nairobi reports that since yesterday, 21 Jan, he has been hearing Malawi reactivated on 7130 kHz.

MBC Radio One is back on 3380 kHz. Good reception at 1830 in vernacular, with talk and music. ID as "MBC Radio One" at 1845, then continued with talk and music. At 1930 program in English. (HCDX)

SOUTH AFRICA: RADIO VERITAS ON SHORTWAVE MAY FIRST

Radio Veritas Productions in South Africa announced on its website that it will begin broadcasts on shortwave starting May 1st. At first the programs will run four hours daily, says director Father Emil Blaser, OP. "This will allow us to gradually increase our hours on air as we progress. Cost and production needs have prompted this move, and we need to interact with you so as to establish and meet your needs," Father Blaser says on the website. Radio Veritas does not indicate if it will own its own transmitter or lease one, but from the announcement it appears that RVP will be leasing time. RVP says that it will announce the frequencies soon on its website, and there is a table with blanks for those frequencies.

RVP's website does not identify the station on which it will lease time, and whether or not there is an option to buy. Clearly the airtime available for leasing, if such be the case, is opened, as RVP says it plans to expand. The shortwave transmitters in question are either in a nearby country or perhaps in Jülich, Germany, where Deutsche Telekom has a lucrative business renting airtime on 28 powerful Deutsche Welle transmitters in Jülich to dozens of international groups, including churches and religious sects. RVP has been trying to secure an FM license from the South African government for some years now, and last year obtained a temporary license for two weeks to run a community FM station, with great success. Radio Veritas Productions first announced that it was looking at shortwave as the method of getting on air at a fairly recent date. It removed the teaser about the possibility of shortwave broadcasts early last Monday morning; on Thursday evening it announced that these would start May 1st, and last Friday it indicated additional details with a promise of continuing updates. You can read the latest, and see links to various South African Catholic Institutions, at <http://za.op.org/veritas/>

Director Fr. Emil Blaser, O.P., Radio Veritas Productions, 36 Beelaerts St., 2139 Troyeville, South Africa. Tel.: +27 (11) 624-2516 or 624-2517; fax 614-7711. E-mail: veriprod@iafrica.com Website: <http://za.op.org/veritas> (Catholic Radio Update Feb 23 via DXLD via Johnson)

TUNISIA: Here is the schedule for Radio Tunisienne received recently along with an e-mail verification.

Europe: 7225. 1600-2300utc. 7275. 0400-0700utc. 11730. 1400-1600utc.
Middle East-Orient. 9720 & 12005. 0200-050utc. 15450 & 17735. 1200-1600utc.
9720 & 12005. 1600-2100utc.

North Africa. 7110. 0400-0700utc. 11665. 1400-1700utc. 7110. 1700-2300utc.

FEATURED frequency this month is 9540khz. How many of these are you able to hear and identify?

FREQ	Time	Station	Country	Days	Language
9540.00	0000-0100	Radio NACIONAL VENEZUELA	VENEZUELA	1234567	Spanish
9540.00	0100-0130	Radio TASHKENT UZBEKISTAN	UZBEKISTAN	1234567	English
9540.00	0130-0200	Radio TASHKENT UZBEKISTAN	UZBEKISTAN	1234567	Uzbek
9540.00	0200-0230	Radio TASHKENT UZBEKISTAN	UZBEKISTAN	1234567	Pashto
9540.00	0230-0330	Radio TASHKENT UZBEKISTAN	UZBEKISTAN	1234567	Uzbek
9540.00	0300-0400	Radio NACIONAL VENEZUELA	VENEZUELA	1234567	Spanish
9540.00	0330-0530	Radio TASHKENT UZBEKISTAN	UZBEKISTAN	1234567	Uzbek
9540.00	0800-2359	Radio Educadora da Bahia	BRAZIL	1234567	Portuguese
9540.00	1000-1100	CBS TAIPEI	TAIWAN	1234567	Uighur
9540.00	1100-1200	Radio NACIONAL VENEZUELA	VENEZUELA	1234567	Spanish
9540.00	1200-1230	Radio POLONIA	POLAND	1234567	Russian
9540.00	1400-1425	Radio VERITAS ASIA	PHILIPPINES	1234567	Bengali
9540.00	1400-1430	Radio POLONIA	POLAND	1234567	Russian
9540.00	1400-1500	Radio NACIONAL VENEZUELA	VENEZUELA	1234567	Spanish
9540.00	1430-1520	Radio TASHKENT UZBEKISTAN	UZBEKISTAN	1234567	Uzbek
9540.00	1520-1550	Radio TASHKENT UZBEKISTAN	UZBEKISTAN	1234567	Dari
9540.00	1550-1630	Radio TASHKENT UZBEKISTAN	UZBEKISTAN	1234567	Uzbek
9540.00	1630-1700	Radio TASHKENT UZBEKISTAN	UZBEKISTAN	1234567	Uzbek
9540.00	1700-1730	Radio TASHKENT UZBEKISTAN	UZBEKISTAN	1234567	Turkish
9540.00	1730-1830	Radio TASHKENT UZBEKISTAN	UZBEKISTAN	1234567	Uzbek
9540.00	1800-1900	Radio NACIONAL VENEZUELA	VENEZUELA	1234567	Spanish
9540.00	1830-1900	Radio TASHKENT UZBEKISTAN	UZBEKISTAN	1234567	Farsi
9540.00	1900-1930	Radio TASHKENT UZBEKISTAN	UZBEKISTAN	1234567	Arabic
9540.00	1935-2030	Radio TASHKENT UZBEKISTAN	UZBEKISTAN	1234567	German
9540.00	2030-2100	Radio TASHKENT UZBEKISTAN	UZBEKISTAN	1234567	English
9540.00	2030-2130	Radio POLONIA	POLAND	1234567	English
9540.00	2100-2130	Radio TASHKENT UZBEKISTAN	UZBEKISTAN	1234567	Uzbek
9540.00	2100-2200	Radio NACIONAL VENEZUELA	VENEZUELA	1234567	Spanish
9540.00	2130-2200	Radio TASHKENT UZBEKISTAN	UZBEKISTAN	1234567	English
9540.00	2200-2230	VOICE OF AMERICA	MOROCCO	1234567	Serbian
9540.00	2200-2300	Radio TASHKENT UZBEKISTAN	UZBEKISTAN	1234567	Uzbek
9540.00	2230-2300	Radio TIRANA	ALBANIA	1234567	English
9540.00	2300-0500	Radio EXTERIOR DE ESPANA	SPAIN	1234567	Spanish

TUNISIA

Here is the schedule for RTV Tunisienne. This is what anyone e-mailing a reception report to this station is likely to receive. They have been difficult to verify via post over recent years but this is the third e-mail success I have had recently. Good luck.

Regards, Ian Cattermole.

De : « Abdessalem SLIM » Office National de la Telediffusion « O.N.T » <Ont@ati.tn>

A : « Ian Cattermole » <iancattermole@extra.co.nz>

Envoye : Jeudi 28 Fevrier 2002

Objet : Ecoute de la Radio Tunisienne sur OC

Reference : Votre rapport, RTV Tunisienne. Reception report. 12005KHz.

Monsieur,

Suite a votre E-mail cite en reference, nous avons la plaisir de confirmer votre rapport d'ecoute de la Radio Tunisienne du 24 Fevrier 2002, entre 19 :50 et 20 :20 UTC, sur la frequence 12.005 kHz.

Notre sommes tres heureux d'offrir a nos aimables auditeurs en Nouvelle Zelande une bonne ecoute de la Radio Tunisienne ; et notre souhait, c'est de vous compter toujours parmi nos Fideles Auditeurs.

Votre ecoute a porte sur la station de SIDI MANSOUR, un petit village cotier situe a 5 km du Chef-Lieu SFAX (2eme ville tunisienne apres la capitale Tunis), diffusant le programme national en langue arabe, vers :

L'Europe de l'Ouest :

- Sur 7.225 kHz, de 16 :00 a 23 :00 UTC ;
- Sur 7.275 kHz, de 04 :00 a 07 :00 UTC ;
- Sur 11.730 kHz, de 14 :00 a 16 :00 UTC.

Le Moyent-Orient :

- Sur 9.720 & 12.005 kHz, de 02 :00 a 05 :00 UTC ;
- Sur 15.450 & 17.735 kHz, de 12 :00 a 16 :00 UTC ;
- Sur 9.720 & 12.005 kHz, de 16 :00 a 21 :00 UTC.

L'Ouest de l'Afrique du Nord :

- Sur 7.110 kHz, de 04.00 a 07.00 UTC ;
- Sur 11.655 kHz, de 14 :00 a 17 :00 UTC ;
- Sur 7.110 kHz, de 17 :00 a 23 :00 UTC.

Avec le plaisir de vous relire pour tres bientôt, acceptez cher Monsieur l'expression de nos respectueuses

Special Commemorative Broadcast

On the occasion of its 20th anniversary DX-Antwerp will broadcast a special commemorative programme, via Krasnodar Tbilisskaya in Russia, on the 25th of May 2002 between 08:00 and 09:00 UTC. Frequencies will be 17785 kHz (250 kW) and 9945 kHz (100 kW).

A specially issued and very attractive QSL card will be available for correct reception reports. During this broadcast five keywords will be given. If you note at least 4 of these keywords, you can send them, together with a reception report to the following address: DX-Antwerp, PO Box 16, B-2660 Hoboken, Belgium or email us at : qsl@dxa.be. After verification of your reply, we will send you this special DX-Antwerp QSL card by mail. (HCDX , Paul Ormandy via Ripple)

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, thanks. 73 - Yuri ("George") Muzyka, ZL1GYM <http://www.linradio.com/sources.htm>
(yuri@win.co.nz ***SIGNAL STRENGTHS*** e = Excellent; g = Good; f = Fair; p = Poor.

Time (UTC)	Frequencies (kHz)	Station Name	Station Country	Log Date	DXer Name
0000	6145	R Japan	JAPAN	5/3	JSB
0100	25870	WFLA	USA	-	BDC
0150-0200	17580:17750:21725gR	Australia	AUSTRALIA	4/2	GLR
0215-0220	11710g	RAE	ARGENTINA	5/3	ABD
0218	11710g	RAE	ARGENTINA	9/2	CC
0218	17860f	RCI	CANADA	5/3	ABD
0230	17790g	BBCWS	UK	5/3	ABD
0234	11740f	RRI	ROMANIA	9/2	CC
0313-0346	15355	R Sultanate of Oman	OMAN	12/2	CC
0355	9400f	R Bulgaria	BULGARIA	4/3	ABD
0400	7385	R Prague	CZECH REP.	6/3	JSB
0412	11985g	RVI	BELGIUM	4/3	ABD
0420	11830g:15335g	RRI	ROMANIA	4/3	ABD
0422	15205g	VOA	USA	4/3	ABD
0425	17780g	KWHR	HAWAII	4/3	ABD
0425	17790f	BBCWS	UK	26/2	GLR
0426	7125g:7180f	V of Russia	RUSSIA	30/1	BCX
0428	9885g	VOA	USA	5/3	ABD
0430	9550p	RRI	ROMANIA	9/2	IC
0430	11600g	R Prague	CZECH REP.	4/3	ABD
0430	17645g	Christian Voice	AUSTRALIA?	11/2	GLR
0435	9590g	R Nederland	NETHERLANDS	5/3	ABD
0440	17780f	KWHR	HAWAII	5/2	GLR
0445	9355g	WYFR	USA	5/3	ABD
0450	17645g	Christian Voice	AUSTRALIA?	4/3	ABD
0500	11835f	VOA	USA	22/2	AMQ
0508	9470g	V of Croatia	CROATIA	-	ABD
0550	3903(USB)p:10320(USB)	AFN	USA	24/2	JB
0604	9779.6p	Sanaa Radio	YEMEN	10/1	BDC
0645-0700	17870g	ORF/R Austria	AUSTRIA	1/3	GLR
0700	21455g	HCJB	ECUADOR	15/2	GLR
0706-0724	5975g	V of Hope	USA	5/2	CC
0710	9510g:21670g	YLE/R Finland	FINLAND	1/3	CC
0710	17720f	RRI	ROMANIA	14/2	GLR
0710	21705f	R Slovak Int	SLOVAKIA	9/2	GLR
0735	21670g	YLE/R Finland	FINLAND	9/2	GLR

0740	17665p	VORWS	RUSSIA	14/2	GLR
0745	17830g	BBC	UK	12/2	GLR
0800	6160	CKZU-CBU	CANADA	10/2	DN
0800	13810g	Remnants Hope Ministry	GERMANY?	16/2	IC
0800	17490f:17590:17665	VORWS	RUSSIA	19/2	GLR
0800	17495f	Voice of Russia	RUSSIA	29/1	BCW
0800	21485:21790	VORWS	RUSSIA	19/2	GLR
0811	3935f	ZLXA	NZ	9/2	KAB
0825	17830:21830g	BBCWS	UK	5/2	GLR
0830	9660f:17820g	AWR	AUSTRIA?	6/1	BDC
0831	13820	V of Croatia	CROATIA	21/2	CC
0835	9570g:13670g	Seoul	SOUTH KOREA	6/1	BDC
0850-0900	17820p	AWR	AUSTRIA?	10/2	GLR
0856-0900	3291.3g	R Guyana	GUYANA	31/1	RAD
0859	15120f	V of Nigeria	NIGERIA	21/2	CC
0903	6350(USB)g	AFN	USA	21/2	CC
0909	6458(USB)g	AFN	USA	21/2	CC
0913	13362(USB)f	AFRTS	USA	21/2	CC
1108	9600g	Radio Singapore Int	SINGAPORE	31/1	BCW
1448	17505e:18960e	R Sweden	SWEDEN	24/2	CC
1454	7405g	CRI	CHINA	24/2	CC
1548	15360e:17820	RCI	CANADA	5/3	CC
1555-1557	15330e	KTWR	GUAM	5/2	CC
1603	15100f:11570p	R Pakistan	PAKISTAN	5/2	CC
1613	13630p:13675p	R Dubai	UAE	5/2	CC
1656-1701	4775f:4800g:4840g	AIR	INDIA	17/2	KVB
1656-1701	4910g:4920g:5040g	AIR	INDIA	17/2	KVB
1656	7190g	CRI	CHINA	12/2	CC
1659	11980f	KSDA	GUAM	12/2	CC
1710	5855g	TWR	ARMENIA?	12/2	CC
1720	17870f	Channel Africa	STH. AFRICA	12/2	CC
1732	7455g:11560g	KSDA	GUAM	12/2	CC
1733	3915f	BBC WS	UK	10/2	KAB
1745-1800	4820f	R Botswana	BOTSWANA	10/2	KAB
1811-1830	3365f	AIR	INDIA	8/2	KVB
1832	11735	Radio Africa Int	?	12/1	BDC
1836	5840f	R Sweden	SWEDEN	10/2	KAB
1855	6195f	BBC WS	UK	9/2	KAB
1900	17670p	AIR	INDIA	5/2	GLR
1900	17810g	D/Welle	GERMANY	14/2	GLR
1905	17605g	R Nederland	NETHERLANDS	4/2	GLR
1929	11730f	R Pilipinas	PHILIPPINES	23/2	CC
1933-1935	5915p:6055p:7345f	R Slovakia Int	SLOVAKIA	23/2	CC
1945	17660g	SRI	SWITZERLAND	22/2	GLR
2000	7590p	?	BELGIUM	5&26/2	IC
2015	17895g	VOA	USA	16/2	GLR

2030	9680g	R Thailand	THAILAND	1/3	IC
2045	17595g	WEWN	USA	16/2	GLR
2120	11600g	RCI	CANADA	16/2	AMQ
2130	9805g	RCI	CANADA	16/2	AMQ
2145	9770g	RCI	CANADA	4/2	IC
2200	17735g	VOA	USA	4/2	GLR
2245	13362(USB)f	AFRTS	USA	29/1	BCW
2250-2300	13605f	AIR	INDIA	27/2	CC

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Compiled by Paul Ormandy, Oamaru



Welcome to the Autumn edition of "Unofficial Radio". March/April have always been very good months for DX and if you spend some time on Sunday evenings chasing pirates, you will be rewarded!

A new name to grace these pages is **Jerry Berg**, all the way from Lexington, MA (home of off-heard WBZ 1030). Jerry uses a Drake R8, and a 165' longwire.

Richard D'Angelo, Wyomissing PA, checks in with his usual haul of pirates.

David Norrie, Auckland, reports in with a QSL from R Europe 7306 500w (Convention 2002 special).

Bryan Clark, Auckland, another to verify Radio Europe 7306 (personally delivered by QSL manager Dario Monferini), as well as email confirmations from Radio Pirana International 11420 & Borderhunter 15795. Both promised to send proper QSLs by snail mail. One new logging of KIPM 6925 on 3 March.

Arthur de Maine, Otaki Beach, is another to hear KIPM. I'm not sure what program you here Arthur, though I sat on the freq for some time listening to a UFO story

Paul Ormandy, Oamaru, haven't logged anything new lately though did get a belated QSL after 14 months from Voice of the Netherlands 7485 (1.5kW so a veritable power-house in pirate terms!).

6210.2 2340 PIRATE (Euro) 6210.2, Radio Nova, 2340-0215 Jan 26, male announcer hosting rock music with nice ID at 2353. Return occasionally during evening to note still there. (D'Angelo-PA)

6240.53 0730 PIRATE (Euro). R. Casanova, 0730 Feb 17, sounded like they had just come on, 0732 "Good morning, this is R. Casanova . . ." gave address of P.O. Box 46, 7160-AA Neede, Netherlands. Pretty good signal. Another one on 6258.52, but too weak to tell what it was. (Berg-MA)

6266.56 0743 PIRATE (Euro). UK Radio Intl, 0743 Feb 17 with oldies from 1976 "Black & Blue" album, talk about difficulty getting oldies these days,

- ID 0745. Fairly clear in pretty high ambient noise. (Berg-MA)
- 6266.6 0707 PIRATE (Euro). UK Radio Intl, 0707 Feb 24 with E-mail and postal addresses, not as good as usual. Into Elvis Costello. Also something on 6305.32, but too weak to work with (West Coast Radio, Holland, per Brandi-NJ). (Berg-MA)
- 6276 2258 PIRATE (Euro). Swinging Radio England, 2258 Feb 16 with "Tiptoe Through the Tulips" by Tiny Tim, jingles, IDs, rock mx; didn't know for sure who it was until checked at 0118 and hrd SWE jingle. Poor, and another one at the same time on 6277.6. (Berg-MA)
- 6295.4 0750 PIRATE (Euro). Seemingly a pirate, tho playing spirited orch. mx at 0750 Feb 17 rather than the usual pirate fare. Possible anmt 0758, vocalizing 0759, but couldn't tell much due to intermittent pulsating ute. (Berg-MA)
- 6925 0309 PIRATE (No. Am.) usb, WHYP, 0309-0336* Feb 2, swing music followed by James Brownyard talking about Bozo at the Winter SWL Festival. Good signal. (D'Angelo-PA)
- 6925 0448 UNID usb, (possibly Radio Bingo or United Patriot Militia Bingo), 0004-0012* Jan 19, Bozo quote repeated, rock music, Steve Anderson; mention of "Sal Ammoniac at the mike." Off mentioning "number 9" numerous times. Fair to good reception but unfortunately no ID noted. (D'Angelo-PA)
- 6925 0340 PIRATE (No. Am.) lsb The Voice of Captain Ron Shortwave, 0340-0415 Feb 2, Captain Ron with a live broadcast playing rock music and long goofy talks. Poor to fair signal with a 2-minute transmission break at 0409. (D'Angelo-PA)
- 6925 0630 PIRATE (USA) KIPM good signal with sci-fi story involving Alan Maxwell (KIPM operator) and Dr. PetersÖ heard later (0800) with music. Ormandy
- 6940 1845 CLANDESTINE R Fana (Ethiopia) poor w/talk in presumed Amharic, spoilt by ute QRM. Ormandy
- 6950 0410 PIRATE (No. Am.) KIPM, 0410-0430* Mar 3, usual strange story related program fare to extensive IDs, address, Outer Limits theme music and sign off beginning at 0425. Good signal. (D'Angelo-PA)
- 6955 0448 PIRATE (No. Am.) Buckwheat Radio, 0448-0511* Jan 27, usual fare of rock music with male announcer and IDs ("This is Buckwhwar Radio on 6955 upper side band 10 watts tonight"). Fair. (D'Angelo-PA)
- 6955 0516 PIRATE (No. Am.) Scycho Radio, *0516-0525 Jan 27, opening with ID and jingles ("International Shortwave Radio") into skits and music. (Fair with some fading. (D'Angelo-PA)
- 6955 0655 PIRATE (USA) KIPM good signal, 544. De Maine March 2nd.
- 11420.3 2347 PIRATE (So. Am.) 11420.3, Radio Pira√±a International, 2347-0027 Jan 18, long Spanish talk by man announcer, rock tune, more talk with some English noted. Nice IDs at 0003 and 0007 followed by "Day Tripper" by the Beatles. Generally poor although seemed to hit a fair peak around 0005-0020. (D'Angelo-PA)
- 15690 1830 CLANDESTINE Voice of Iran, fair signal w/mostly talk and persistent bubble jammer. Ormandy
- 17725 0400 CLANDESTINE R Free Afghanistan (via Iraniwila) gd signal in Dari with spoken prog. Poor on //11710, fair on 15325. Ormandy

CLANDESTINE 12125, Voice of Biafra International verified through Transmitter Documentation Project office in Belgium with a full data card in 134 days presumably signed by Ludo Maes. (D'Angelo-PA)

PIRATE Voice of the Netherlands 7485. Form letter with note on back from v/s "Gerrit" apologizing for delay (14 mths) as he'd lost my report. Also sent colourful artwork and station details.

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Compiled by Evan Murray, Auckland

Airports are known by four letter codes under the ICAO system and by three letter codes under the IATA system, ICAO being International Civil Aviation Organisation and IATA International Air Transport Organisation. Examples are NZAA and AKL for Auckland. Four letter codes, also known as location indicators are also used for place names other than airports. Reporting points, described by ICAO as "designators for significant points not marked by the site of a radio navigation aid" are sometimes described by the American term "waypoints". The hypothetical point is established at the intersection of published bearings and distances from two or more VOR/DME's or, in the case of over the water flights by coordinates in latitude and longitude. (Airband Radio handbook)

2045	1745	Unid vessels with problems landing huge fish on deck. Congrats all round when work done. NM
4980	1750	VJJ RFDS Charlesville with taped message. NM
5687	2140	Air Force Woodbourne/Air Force Iroquois Ops normal Will call again in 1 hour. NM
6637	0920	NZ 53/Air NZ Engineering Suggesting aircraft checked in Tahiti and if necessary stop in Papeete Inspection to be arranged when ETA there known Crew feelings to be advised. NM
6637	0937	NZ 53/Air NZ Engineering Arrangements made with Tahiti. NM
6640	1115	San Francisco/United 983 with PP to Medlink Re passenger feeling drowsy and falling and San Fran giving instructions and advising aircraft to carry on to Anchorage or divert if necessary. NM
8316.39	0440	Navy Auckland working vessels 07E and BZJ Request for use of Inmarsat declined NM
8867	0919	Qantas 49/Auckland EM
8867	0921	Nadi/NZ 56 Faleolo at 1027 EM
8867	0924	Auckland/Qantas 11 Advised to maintain level 350 EM
8867	0925	Brisbane/Freedom 412 Position TAMEK 0924 Request level 370 EM
8867	0926	Brisbane/NZ 126 Level 370 Request 390 Continue with Auckland EM
8867	0927	Auckland/Qantas 63 Level 370 LALOS at 0946 EM
8867	2159	Reach 5 Echo One/Auckland BJ
8867	1925	Chathams 361/Auckland BJ
8867	2024	Pacific 421/Auckland BJ

8867 2113 Royal 1 in block 240 to 280 Will return with WX for Pegasus BJ
8867 2122 Royal 1/Auckland Pegasus WX and forecast for Willy Field BJ
8879 1822 Moroni End of transmission only JC
8879 1849 Brisbane/Reach 550Y ATD Diego 1827 JC
8879 1851 Brisbane/Reach 564Y ETA Diego 1919 JC
8879 1213 Gander/Speedbird Concorde 1 Position JC
8879 1643 Cathay flight working Antanarivo JC
8879 1153 Singapore/Gander asking whether Mach speed clearance from Gander or Shanwick No record at Gander tho we have your position Confirm Mach .87 NM
8906 0917 Santa Maria/Shanwick Asking that any aircraft calling Shanwick on 8906 to call on 5598 NM
8930 1153 CIR 4852/Stockholm Your company requests time passed 48 N 15W Time was 0707 with VMP at 0818 (Arctic Circle Air Service) NM
9032 0956 Skier 96/Mac Centre WX for Willyfield Wind 250 at 12 knots Temp —08 Definition fair and whiteout same as Willy Skier 91 will Head for Willyfield Use runway 25 NM
9032 2147 Ice 34/Auckland in the block 330/370 BJ
10024 1017 Resistencia/American 909 Position JC
10024 1043 Punta Arenas/Qantas 116 Position 54 S 135 W at 1102 JC
10051 0820 Gander Volmet Toronto valid to 0600 250o 10 knots gusting EM
10066 1915 Austrian 3005 Vienna to Kuala Lumpur Calls Yangon no reply JC
11175 0917 ETAR (Ramstein)/ Unid WX required EM
11175 0922 Mainsail/Reach 52 This is Yokota Request PP to Anderson Comd EE
11175 0928 Reach 52 Foxtrot 4/Yokota WX 0800 EM
11175 1811 McLellan/Reach 450 Request PP to AMC Cadena Confirm follow on mission We need to know if there is a follow on Hickham then on to PNG NM
11256 1942 Ethiopian flight calls Holloway Landed Dubai 1935/41 Another Ethiopian reports landing Copenhagen 1945 JC
11291 0811 Dakar/Unid 08 Possibly Argentine airlines aircraft EM
11300 2006 Mogadishu/Seychelles EM
11300 0710 Tripoli/Evergreen 477 EM
11300 2004 Cairo/Condor 316 Flight level 330 EM
11300 1836 Tripoli/Nigerian 986 Position JC
11300 1836 Sanaa gives traffic info to Asmara JC
11300 1113 Changman Fu 31 This is USCG What is status your captain Also check your frequency and go to 12242 NM
12242 1115 Changman Fu 51/USCG What is your Position? 15N 166W Are you Chinese? Yes We will try to get a Chinese speaker OK OK NM
17940 0900 Hong Kong Dragon/United 850 SC GREK N218 UA NM
21985 0914 San Francisco/Fueller 22 at Yellow 0913 ETA with Reach 178Y 0954 NM

With thanks to all contributors for some choice loggings.

Contributors JC John Charlton Greymouth — Kenwood 5000 with 30 m wire

NM Neville McKenty Napier — NRD 545 ICOM R 70 with various antennas
BJ Basil Jamieson Oamaru — Drake R8 Kenwood 5000 with 30 m wire
EM Evan Murray Auckland — Kenwood 5000 with T2FD and 30 m wire

tv.fm@radiodx.com

Compiled by Adam Claydon, Rotorua



Greetings to everyone from Te Kuiti — where summer still exists! Onto this month's news — quite a bit to get through.

Newstalk ZB hits the West Coast *Newstalk ZB launches on April 8th on 99.1 and will service the urban centres of Greymouth, Hokitika, and Reefton.* (Brian Jennings, General Manager, The Community Radio Network)

The Mulcher Check out <http://www.themulcher.co.nz/on-air.html> and associated pages for details of The Mulcher, latest enterprise to try and set up a national network in New Zealand using guardband frequencies. Their Auckland frequency is 88.1 and they appear to have a Kaikohe outlet as well. I've previously heard 'Static' (yep, that's the ID) on 88.1 in downtown Auckland but they have been missing for some weeks now. Publicity in today's New Zealand Herald (23 Feb) alerted me to this. (Bryan Clark)

Guardband Broadcasters Christchurch is well served by guardband broadcasters. The main ones heard on a recent visit are:

88.2 "Radio Pegasus, greatest hits of the 60's and 70's" is widely heard on 88.2 and 100.2

88.4 "Pulse FM - dance your legs off" with modern dance rhythms.

100.6 "Good Music 100FM from Redwood" noted with relay of Radio New Zealand news at 10am.

Auckland Country & Western guardband station TLC (The Little Country) Radio on 100.2 has expansion plans. They are seeking listener feedback to Friends of Country/Music Radio, P.O. Box 22631, Otahuhu. (Bryan Clark)

2 FM Mysteries — One Solved During our recent travels in the South Island (en route to the NZRDXL Convention 2002), a couple of mystery FM broadcasts were noted. Firstly, Solid Gold FM was heard being relayed in Timaru on 88.1 and in nearby Temuka on 100.2. I wasn't sure these were legitimate transmissions until fellow conventioneer Barry Jones explained all. Barry had spent some time in Timaru prior to the convention and advised me that I had heard transmissions from HOSPITAL FM. Based at Timaru Hospital, with Ron Heaney as Station Manager, the station relays Solid Gold when not airing its own programming. Local programmes for Hospital FM are scheduled for 5pm to 11pm weekdays, 9am to 6pm Saturdays, and 9am to 9pm Sundays.

Can anyone shed light on my second mystery? Fundamentalist American preacher Brother Stair's programme THE OVERCOMER is being rebroadcast on 88.4 FM somewhere in the Canterbury province. SWLs will be familiar with Brother Stair from his broadcasts carried on Deutsche Telekom shortwave transmitters. The FM relay was audible widely - from about 90km north of Christchurch (north of Waipawa) to Ashburton in the south (80km south of Christchurch). Even in Christchurch, where 88.4 is dominated by guardband station Pulse

FM; I could sometimes hear Brother Stair in elevated locations like the hills above Sumner. Such widespread coverage could mean multiple transmitter locations, or an antenna in a very elevated location. Does anyone have ideas on this? The only suggestion to date is that it could be related to a religious commune in the Waipawa area. (Bryan Clark)

FM in Hanmer Springs Alpine FM is a local broadcaster in Hanmer Springs north of Christchurch. Frequency is 88.8FM and studio is located at 44 Jolies Pass Road. There was no sign of life when I looked in one afternoon. Announcements were few and far between - the only one I heard was "You're listening to Alpine FM on 88.8" otherwise largely non-stop music variety. The only other "local" FM signal was The Wolf Radio Network on 100.6. They are requesting tapes of Kiwi music to the Wolf Pack Club, P.O. Box 116, Tekapo. ZM-FM 91.3 gave good reception in Hanmer Springs. The only FM stations audible from outside the town were from Christchurch. Does ZM-FM operate on 91.3 from a site other than Otematata in South Canterbury as I think it was unlikely that's what I could hear in Hanmer Springs? (Bryan Clark)

Kaikoura FM Scene The small South Island tourist town of Kaikoura has a new local FM station. Here's what the local dial has to offer:

88.6 Out of the Blue FM, is the new station. It claims to be the world's first pub-based radio station. Operating 24 hours a day out of the Blue Pacific Hotel at 114 The Esplanade in Kaikoura, plays a variety of music and on a Sunday afternoon aired a 2 hour episode of a Jack Higgin's thriller. Microphone announcements were of poor quality (sounded like a pub!) when I listened but otherwise audio was good. Station Manager is Kevin Heays and email contact is k.heays@xtra.co.nz

91.1 The largest of the South Island iwi stations - **Tahu FM** - has a local relay in Kaikoura. Noted with slogan "Music for the Mainland".

100.6 The Wolf Radio Network is springing up on FM all over the country. Outlets observed on our South Island holiday were: Kaikoura, Blenheim, Hanmer Springs - all on 100.6. North Island coverage is also underway - heard announcing their latest outlet is 99FM serving the Kapiti Coast (anyone in the Wellington area confirm exact frequency?).

Tourist FM has irregular coverage nowadays despite the presence of road signs as one enters most major tourist towns and cities. The English (88.2FM), Japanese (100.4) and German (100.8) broadcasts are all operational in Kaikoura but coverage is extremely limited - not audible in all parts of the town. But no frequencies were operating in Picton.

Both Wellington and Christchurch FM stations are audible in Kaikoura. One of the stronger Wellington stations is The Breeze 94.1 FM. Anyone have a current power for this one - must be stronger than the 500 watts in the WRTVH FM listing? (Bryan Clark)

Rodney Radio Times Media Group, the publishers of Warkworth-based newspaper the *Rodney Times*, have launched a Hibiscus Coast radio station. **RTR FM** (Radio Times Rodney) covers the area around Orewa, Whangaparaoa and Dairy Flat, targeting 25-to-54 year-olds with a CHR format. (Median Strip March 11)

On Again, Off Again It seems that the news of **Iain Stables'** return to the airwaves on The Edge after a long lay off may have been a bit premature. No sooner was he back than he seems to have disappeared again - with the *Waikato Times* quoting Stables' lawyer as saying the DJ has been fired following a dispute over a phone bill. Edge Programme Director **Leon Wratt** confirms that Stables is not currently hosting his drive show, but declined to comment further, saying there were 'issues yet to be resolved' (Median Strip March 11)

ABMN 0 Thanks for that. Incidentally, in the NZDX Times (February 2001) Page 29, they mention about ABMN 0 no longer listed. ABMN 0 is still on air and is normally listed as Riverina. The stations listed as Wagga are actually translators. (Robert Copeman)

Latest Brisbane Ratings John Davies of Alderley Queensland sends along some recent newspaper clippings including the latest FM ratings for Brisbane. Top spot is held by long-time ratings leader B105 with 18.8%, followed by Triple M (12.6) and newcomer 97.3FM in third place on 11.8%. 97.3FM launched in October 2001 and promotes its format as "more music, less talk". Top AM stations are 4KQ (10.9) and ABC 612 (9.5). (Bryan Clark)

96.1 on the Edge 91.9 has been on the edge of the Sydney metropolitan area for a long while, going back to its roots as a non-metro station in Penrith many years ago. The station is now owned by ARN and is being revamped as part of the changes happening at the network. 91.9 has been given a new name - The Edge, and a new format, featuring the latest 'hottest hit songs.' It will hope to knock some of the edge off its competitors in areas of Sydney where the station can be heard. The closest format competitor is Nova, which is also close in frequency at 96.9. (AMT News March 2002)

Gold Coast NewsRadio The Gold Coast's 24-hour lifestyle now has a 24-hour news station to match. The ABC's national news network, ABC NewsRadio, is now broadcasting on the Coast at 95.7FM. (AMT News March 2002)

More stations for Beaudesert The ABA has allocated a second commercial radio licence to Rebel FM Stereo Pty Ltd, the licensee of commercial radio service 4SUN in Queensland. The new FM band service will cover the same areas as 4SUN's existing FM service and will broadcast on FM 92.1 in Beaudesert, with translators at 93.7 MHz from Mt Tambourine and 103.3 MHz from Kooralbyn. (AMT News March 2002)



BRIAN PALAMOUNTAIN Nelson has the following logs for January/February: 90FM Rahotu 90.8, 91ZM Auckland 91.0, Energy FM Rahotu 92.4, Radio Pacific 96.2

broadcast.dx@radiodx.com

broadcast.news@radiodx.com

Compiled by **Tony King, Greytown**

BRYAN CLARK leads off this month with a QSL from KBJD 1650 (1kw)

PAUL ORMANDY "fresh" from the Convention has reports out to KBJA 1640, KWHN 1650, KKWY 1630 and KBJD 1650. E-mail QSL's in from KWHN KBJD and KBJA.

BROADCAST NEWS

AUSTRALIA

Brisbane youth broadcaster Switch FM was due to become Switch 1197 AM in March, but its survival depends on young listeners making the switch from FM to AM. Switch is run by the Brisbane Interactive Radio Group which won one of two free community radio licences from the ABA last December. Unsuccessful candidates for the AM frequency included tourism station Radio Queensland and the Silver Memories Community Radio Association. (John Davies)

PACIFIC ASIAN LOG

A major update of the Pacific Asian Log is now available for

(continued page 31)

Broadcast Trail

640	0700	USA	KFI Los Angeles best after 9 NM
690	0849	USA	KQQQ Honolulu HI pr w/R Disney ID and pops. WAI * NM
760	0854	USA	KGU Honolulu HI gospel programs far sig. WAI
850	0750	USA	KOA Denver CO w/ads then tlk. Local ID 0758:45 WAI
880	0747	USA	KRVN Lexington NE pr/fr w/tlk on credit card security the advice on truck pricing. WAI
1050	0834	USA	KTCT San Mateo CA, fr-gd w/sports tlk in 2ZP slop.WAI
1190	0805	USA	KEX Portland OR w/local ann, pr-fr and quickly faded WAI
1470	0905	PERU	CPN Lima, sonly SA heard with usual tlk format in SS WAI
1520	0729	USA	KOMA Oklahoma City OK pr/fr pops IT 0730 WAI
1590	0829	USA	KLIV San Jose CA, best hrd for yrs "KLIV the radio home of CNN Headline News." Then nx brief on the half hour WAI
1600	0747	USA	KMNY Pomona CA, presume the one here with CC talk WAI
1620	0848	USA	KSMH Sacramento CA, fr w/Catholic church items mentioning the eucharist and sacrament. WAI
1630	0827	USA	KKWJ fr o/beacon w/Jukebox C & W Show. ID's simply as KWJ. WAI
1640	0849	USA	KDIA w/personal development talk, pr far WAI
1640	0849	USA	KBJA Sandy UT, fr over KDIA with Radio Unica progs, Full ID 0859:50 mentioning cities if licence as Salt lake City, Spanish Fork and Provo. WAI
1650	0753	USA	KFOX Torrance CA. Pr-fr w/tlk in KK over Unid station WAI
1650	0831	USA	KWHN Fort Smith AR pr-fr w/id as "more talk 16-50 KWHN" then local ads mixed with KCNZ and others WAI
1650	0836	USA	KBJD Denver CO dominating with gospel music. Reg slogan "AM 16-50 the word of praise." String of ads 0836-0840 WAI
1660	0751	USA	KXOL Brigham City UT. MA w/id between oldies tracks WAI
1680	0951	USA	KRJO Monroe LA brief ID during break-out from net with black soul mx. Brief ID prior to 1000. WAI
1690	0857	USA	KSXX Roseville CA in SS with ranchera mx. ID on hour "KSXX Roseville Sacramento" then back to SS with ads. WAI
1700	0759	USA	KTBK Sherman TX up strongly with full ID for "The Ticket KTCK 1310 and KTBK 1700 prior to hr followed by 'Sporting News Radio.' WAI
666	1700	NC	RFO Noumea excellent NM
670	0800	USA	Sports Radio 670 NM excellent Te Araroa NM
690	0900	CAN	CBU Vancouver. Strong. Jazz. ID's "CBC's Radio One." NM
850	1000	USA	KOA Denver CO NX and ID 1004 NM
880	0655	USA	KRVN Nebraska. Ad string prior to ID 0700 NM
890	0830	USA	WLS Chicago. Talkback. ID 0834 NM
1100	0600	USA	KFAX San Francisco CA "Hellfire and brimstone rel" best 0755 NM
1120	0900	USA	KPNW Eugene OR. Consistent NM
1190	0700	USA	KEX Portland OR. As late as 1100. NM
1340	0950	COL	HJFP Radio Uno Bogota ID 1000 NM
1470	1010	UNID	Unid SS all talk with interviews M/F presenters. Good on peaks. Lost at 1100. NM
1510	0822	USA	KGA Spokane, poor mixed NM
1520	0840	USA	KOMA Oklahoma OK ID "KOMA Oklahoma oldies station" VG NM
1540	0645	USA	KCTD Los Angeles CA. Tfc reports, sprts nx NM
1570	0918	MEX	XERF ID 0925 NM
1620	0750	VIR	WDHP Virgin Is. ID's "WRRR 1290 & WAXJ 103.5 FM" "our transmitters are in the Virgin Islands" Rel prgm Nx 0800. NM
1620	0725	USA	WTAW College Station. Clear ID's NM
1620	0900	USA	KYIZ Renton OH Oldies NM
1630	0815	USA	KKWY Fox Farm WY C & W NM
1650	0825	USA	KBJD Denver CO. ID as 'The Beat 1650'. Contemporary Christian NM
1660	0630	USA	WQSN Kalamazoo ID ESPN NM
1660	0945	USA	WMIB Marco Is FL. 'News Radio WMIB' NM
1670	0710	USA	WRNC Warner Robins. Gospel mx. NM
1670	0915	USA	WTDY Madison. Talk/sports mxed WRNC NM
1680	0605	USA	WTTM Princeton. ID "ESPN 1680" mxed with WJNZ r & b. NM
1690	0608	USA	KDDZ Arvada CA. Radio Disney. NM
1700	0715	USA	WEUV Huntsville AL gospel mxed with KTBK. NM

download from www.qsl.net/n7ccj by Dxer Bruce Portzer. Covers 3500 listings with the addition of central Russia and Asian CIS countries. (Bruce Portzer)

Bruce also highlights an interesting website for XEROK — 800. Covers the days in the 70's when XEROK was a top 40 station. Air checks also on the site at www.reelradio.com/km/index.html#xerok7780

MEDIUM WAVE GUIDE

The ARDXC Medium Wave guide 3rd edition is also just been published. For \$A10 you receive a copy and are listed for amendments. Obtain your copy from ARDXC — cheques money order, credit cards or cash to John Wright, ARDXC, 15 Olive Crescent, Peakhurst NSW 2210.

adcom.news@radiodx.com

Compiled by Bryan Clark, Auckland



WELCOME TO REJOINING MEMBERS **A. F. (JOHNNY) JOHNSON**, 21 Brooklands Road, Nelson; **DR. FRANK GLEN**, 32 Ti Rakau Drive, Brookhaven, Christchurch and **JAMES SEARLE**, 22 Chisholm Place, Andersons Bay, Dunedin 9001. Johnny is back after 6 years — he says that his interest in communications stems from 30 years in the Signals branch of the RNZAF. It was good to meet up with Frank and James recently at Convention 2002 — Frank was previously a member in 1950-1955 and 1976-80. He began DXing in Invercargill when prominent local DXers included the late **MERV BRANKS** and **ARTHUR CUSHEN**. James rejoins after an absence of 3 years.

GEORGE BEARDSMORE A quiet, methodical former National Secretary of the New Zealand Radio DX League, George died on March 5, in his 70th year. George played an important role for some years in the 1950-60s as secretary when headquarters was based in Dunedin. A keen administrator, he took an active part in League affairs when on the administrative committee. A keen broadcast DXer, he experienced his early radio days at a crib (bach) at Long Beach, 20 miles north of Dunedin on the coast, where he had beverage antennas strung out over the sand hills directed to North America. In later years he established his listening posts at his home in Dunedin and Mosgiel. He had 802 verifications from 61 countries. After a spell as an amateur radio operator (ZL4LG) he returned to favourite hobby of DXing and entered the shortwave band adding 129 QSLs from 68 countries. Even suffering after 40 years of illness, George continued his DXing to the extent his last loggings were on January 22, this year, when he reported 1XSR and 2YB. Displayed at his funeral service were his logbook, headphones and this year's copy of the World Radio TV Handbook. The League was represented by Patron **JACK FOX**, member **MURRAY LAMONT** and a past secretary **PETER ABURN**. Our sympathy goes to George's widow Pat and family. (via Jack Fox)



NEW SUBSCRIPTION OPTION At its 1 March meeting, the Administration Committee approved the introduction of **\$20** annual subscription option for New Zealand-based members who wish to receive their magazine in electronic format only. This follows the successful completion of an e-magazine trial under the direction of Chief Editor **MARK**

NICHOLLS. Effective immediately, all members have 3 membership options when renewing their subscription — traditional hard copy magazine delivered by post, electronic magazine in pdf format delivered by e-mail, or a combination of both editions. Apart from the lower subscription, the electronic edition may be received up to a week before the hardcopy. We thank Mark for his efforts to produce a quality production every month.

WE THANK the hard working members of North Otago Branch for the excellent DX convention they hosted last month. All who attended will agree that it was one of the best convention gatherings, which have been a highlight of DX League affairs since the first one was held in 1955.

THANKS FROM GERMANY “You do an excellent job and the DX Times is one of the best DX magazines worldwide! I always enjoy reading it with pleasure” writes our German member **JURGEN BLUM**. Thank you Jurgen - our volunteer editorial team always appreciate member feedback. Everyone — let’s make sure Jurgen continues to value his membership - we rely on your radio-related contributions to keep us all enthused about radio listening.

MORE THANKS for recent donations to the DX League — **MARTIN HADLOW** and **JANETTE & GREG BEESON**.

WE APOLOGISE to those members who received last month’s magazine late. Wellington members received their copies on Saturday 23 February, North Otago and Southland members on 25 February. Some Auckland deliveries were reported on 28 February but others as late as the second week of March. We await the outcome of the printer’s enquiry into mailing arrangements.

KEITH GLOVER — contrary to information on page 269 of the 2002 edition of ‘Passport to World Band Radio’, former Radio Australia personality Keith Glover has not died, but is living in retirement in Melbourne. Although he and his wife Gwendoline have both had health problems in recent years, Keith’s distinctive voice can still be heard from time to time in charitable activities around Melbourne. Keith made several trips to NZ to meet with SWLs and DXers and was guest auctioneer at the 1975 DX Convention in Christchurch.

branch.news@radiodx.com
Compiled by Chief Editor, Wellington

AUCKLAND

The 24 February meeting had 7 present at the clubrooms, chaired by Barry Williams. Some people were still away on holiday (South Island, etc). Barry began with a Oamaru Convention report - Hokken Library visit; Dario’s talk on DXing in Italy and his sticker collecting hobby; the Kuriheka Homestead tour; Adrian Peterson of AWR for ~30 years gave good talks; the restaurant outing and awards given out. Barry added that DX conditions were good at Oamaru that weekend (Feb 1st-4th). A good account of, Barry!

Daniel Bloomfield gave his brief account of the convention noting that he listened to X-band stations above 1600 kHz on the first night and later visited Moeraki Boulders. Some humorous moments were also mentioned.

Yuri Muzyka made his first ever flight in an aeroplane travelling on the same Air NZ Boeing 737-300 flights as Daniel. At the end of the Auckland-CHCH trip which peaked 35,000ft Yuri celebrated his first ever flight by shaking the Captain’s hand as the last passenger out! He then conversed with the head hostess on the ground for a good 2 whole minutes while everyone had already hurried across the edge of the tarmac by foot because there was no

walkway attached. Service vehicles wizzing by and the flag signaller doing his job. Barry Jones accompanied on the return InterCity bus trip to Christchurch and night flight back to Auckland. Daniel in the aisle seat almost ended up with Yuri's cup of coffee on his lap (and the lovely hostess pouring it!) when the plane listed a fair bit one way and then the other. She demonstrated superb balance compensation. Yuri had already received a cup of tea from the lovely tea hostess, but got real excited when he later saw the coffee hostess! The March meeting will be at the Clubrooms on the 31st at 2 pm. The April meeting is tentatively at the Clubrooms, 3000 Great North Road, New Lynn, just past Whau Creek, on the 28th at 2 pm. Meetings are on the last Sunday of the month except December.

NORTH OTAGO

Recently six members of the North Otago Branch made a visit to the signal station at Tairaroa Head at the entrance to Dunedin Harbour. This visit was arranged by Peter Grenfell whose brother Geoff was the operator on duty at the time of our visit. This station will soon not be manned but will be operated remotely from Port Chalmers. On the day following our visit we were able to listen to a special transmission to the vessel Otakau en route to the Chatham Islands. Next month the North Otago Branch will have been in existence for 50 years and to celebrate this we are having a luncheon on Sunday 7th April. Any past members of our Branch who would like to attend contact Paul Ormandy, 33 Greta Street, Oamaru.

SOUTHLAND

Our February Meeting was attended by six Members held at Tiwai. It was thought that we should have another 2-3 meetings at Tiwai especially during the Winter months on a Saturday afternoon, so that the Members could have a listen for some Latins etc after the meetings. Eddie Mac Askill is getting his FRG-7 done up and is to leave it at Tiwai for anyone wanting to use it. There was a brief listening session after the meeting, but overall conditions were a bit on the noisy side. The March Meeting is to take form of a visit to Mercury Television which now is in Don Street, on Tuesday 26th March, those going are to meet outside the building at say 7-45 pm, for further details ring Lindsay Robinson on 216-5430.

The next issue of *Australasian Shortwave Guide* will be available in early April, for the usual price of \$18.75. Members of the NZ Radio DX League can claim their usual 20% discount (i.e. \$15) including postage & packing. Send orders to Burnet Pollard Books, PO Box 6343, Upper Riccarton, Christchurch 8030, New Zealand. Creditcard orders to fax 03 3544998. Enquiries to radiobooks@xtra.co.nz



FOR SALE

Sony ICF-6800W, very good condition, \$400 o.n.o. and also

Eddystone 840C, very good condition and has had a couple of valves replaced recently. \$100 o.n.o plus freight.

Please contact Frank Glen. Phone 03 384 7017. Fax 384 60176. Email frankglen@xtra.co.nz Address 32 Ti Rakau Drive. Brookhaven Ferrymead. CHRISTCHURCH.



FOR SALE

Sony ICF-SW07 in excellent condition (see WRTM 2002 pg 24 & 25). As new in carry bag with collapsible aerial. It scored 4 out of 5 by the WRTM and is recommended as an excellent choice if a combination of small size and performance is required. This receiver sells new for more than NZ\$1000, we'll accept the best offer over \$500. Please contact Paul Ormandy 03 434 5931 or paulorm@paradise.net.nz or Paul Ormandy, 33 Greta Street, Oamaru.

Article: DX Memories

Compiled by
Keith Robinson
Invercargill

I was fortunate enough to live in a good DX location at Kapuka, 25km east of Invercargill, during the 1940s and 1950s. I started off with my parents' Philips Radio player, which was a good DX set. I heard VPD2 Suva, Fiji on 6040 kHz; I had seen the old Lamphouse Magazine, which contained notes by Arthur Cushen. I contacted him and he put me on the right track to send reports. This was in late 1943. By this time I was attending Southland Boys' High, where I met John Miller and Lyndsay Springford from Winton, which also DXed. I used to bike in to DX meetings over 25km of gravel roads.

I started work at the Southland Times newspaper in 1944 and used to knock off work at 1.30-2.00am. There was a radio in the sub-editors' room and I heard quite a few Yanks on it, including 250 watters KRPL Moscow Idaho on 1400 and KWOR Worland Wyoming on 1490.

I got a job on the now defunct Auckland Star in 1948. I boarded in Cheltenham Road, Devonport which was quite a good location. The best station I verified there was KLAS a 250 watter in Las Vegas on 1230. Some of the DXers I remember from then were Noel Barrett, Hank Barr, Des Gate and Jim Forrest.

I returned to the farm in Southland in 1951 and DXed mainly with wonky old battery sets in a hut away from the power lines. In 1962 reception from the US packed up. The last decent Yank I heard was WIWD a 250 watter in New Jersey on 1340 kHz.

PS: Ask Barry Williams if he remembers a trip to Lloyd Clayden's farm mid 1950s. He drove rapidly in an old Jaguar. The door was held shut with a piece of twine tied to the dashboard.

Article: Antenna Direction Comparison

Compiled by
Barry Williams
ZL1ACZ

My major project during the year 2000 was the erection of a 40 foot tilt-over mast and the restoration of an old 3 element, 3 band Mosley beam and a rotator. This was a major engineering exercise for me and I did take my time and had valuable assistance from several radio friends. Never the less earlier this year it all went up and it worked. Consequently my SW BC DX activity has lessened and more time has been spent on the ham bands.



For many years I had wondered what advantage a beam would really have over a dipole on the HF bands and it soon became apparent that the beam was much better, particularly on the transmitting side. It is difficult to give a good comparison of a rotatable beam against a fixed dipole, so I decided to compare the beam's performance against my monitoring antenna. This antenna is a quarter wave vertical cut for 15 metres and mounted on my shed roof with four radials and fed with 50 ohm coax. I thought it might be of interest to League members to hear of the results of a very basic test carried out recently. These results will indicate the directivity of the beam and compare signal strengths between the beam and the vertical.

The receiver used for monitoring was a Kenwood TS570s transceiver which has the facility to switch between two antennas. The 15 metre band was used as

both antennas were tuned for that band. Two readings were taken with the beam, one when the beam was pointing at the signal source, the other when 90 degrees off the signal and in the null area. The vertical is omni directional. The date was the 23 rd September 2001. The signal strength are in S points.

NB QRN indicates only noise heard

UTC	Freq.	Station	Beam	Beam	Vertical
0330	21610	R. Japan	EE	NW S9 + 20db	NE S9 S7
0330	21725	R.Australia	EE	W S9	E S7 S7
0340	21830	BBC Cyprus	EE	SW S3 R5	N nil S1
0350	21680	Christian Voice Darwin	EE	NW S9	NE S5 S7
0400	21530	Voice Greece	EE	E S5	N S2 R3 S2 R3
0400	21495	Saudi Arabia	AA	E S9	N S5 S6
0410	21455	HCJB	EE	SE S8	NE S4 S6
2330	21790	DW relay via Siberia	EE	N S5 R5 No QRN	E QRN S6 R1 QRN S6 R1
0000	21740	R.Australia	EE	N S7	E QRN S6 QRN S6
0900	21680	Local QRN		E S7	N quiet S7

From my observations the lobe of the beam is fairly broad with deep nulls off the side. This is indicated in the last reading of the local QRN.. By rotating the beam I could null out the QRN. The front to back ratio of the beam; about 2 S points for a good signal. These test results are by no mean accurate and should be taken as just an indication. Remember the beam is tuned for around 21200 kHz on 15 metres where as the SW stations are about 500 kHz higher. There was QSB on some signals and this made accurate signal strength readings difficult.

Members Profiles

Rich D'Angelo, Wyomissing, PA, USA.

My name is Rich D'Angelo and I have been active in the shortwave listening hobby since 1964 when at the tender age of 14 I discovered a Hallicrafters S-85 in my parent's basement gathering dust. It turns out my older brother dabbled as a shortwave DX'er before going off to college. The shortwave bands offered an interesting diversion for me and two friends that became serious listeners for a few years. One became an amateur radio operator but completely dropped out of radio upon entering college. The other still tunes the shortwave bands once in a while but is basically inactive.



Currently, I am the Executive Director of the North American Shortwave Association ("NASWA"), headquartered in Levittown, PA, USA and I am the North American Secretary for the World DX Club, which is based in Northampton, England. I am using a Drake R-8B communications receiver, an Alpha Delta DX SWL Sloper antenna and a RF Mini-Windom antenna, and a JPS ANC-4. Also, I have a Lowe HF-150 and a Grundig YB-400PE. I have been very active in a number of DX clubs worldwide over the years. In the past I have served as the Chairman of the Board for the Association of North American Radio Clubs ("ANARC"). Also, I have served as Manager of the Company Store and Awards Program Chairman for NASWA and as a member of the Board of Directors and Editorial Committee of the Society to Preserve the Engrossing Enjoyment of DXing ("SPEEDX"). Although ANARC is still alive and functioning, SPEEDX passed away in the mid 1990's.

My DX'ing interests are the tropical bands. Unfortunately, stations are leaving the tropical bands at a swift rate these days. Hopefully, things will stabilize in the near future. Latin's have been a major interest for many years with emphasis on Bolivia and Peru although Brazil had been a popular target. Indonesia and Papua New Guinea are exotic targets from the East Coast of North America that generate some DX excitement. I am an avid QSLer with 220 countries verified using the NASWA list. I believe my first QSL was from the Voice of America in August 1964. I have many of NASWA's awards and just received a number of ARDXC awards.

I have been participating in group DXpeditions for several years. We have been doing about three a season since 1990 so the number of events are beginning to add up. For many years we used Gifford Pinchot State Park in central Pennsylvania as our DXpedition location. However, four years ago we switched to a location which was an easier drive for most of the

participants. Our French Creek State Park location in southeastern Pennsylvania has been terrific. Any members that have not tried a DXpedition, owes it to themselves to attempt at least one. You would be surprised at the results. Getting away from the local noise pollution and devoting a substantial amount of time and energy just to DX'ing interests can result in a great listening experience.

I first joined the New Zealand Radio DX League after meeting Arthur Cushen at the Montreal ANARC Convention in 1985. It was my first ANARC Convention and although I never attended another one of those affairs, I have attended each of the 14 annual Winter SWL Festivals held in beautiful Kulpville, Pennsylvania each March (when is someone from New Zealand going to travel to Kulpville?). Many years ago, I had the pleasure of meeting Barry Williams at a radio gathering while he was travelling in North America. Who knows, maybe one day I'll get to meet other NzRDXL members while travelling? I hope so.

Ross Gibson, Christchurch

My introduction to Dxing was in 1946 when as a 14 year old and living in Dunedin, I met Jack Fox. While I was a boarder at St. Kevins College, Oamaru I was limited to listening when home for school holidays. Later I went to Otago University where I qualified as a Chartered Accountant in 1956. and worked in the Dunedin Public Trust Office. I retired in 1992 as Assistant General Manager, Christchurch Transport Board.

In 1951 I commenced my CMT and on completion, transferred to the Royal New Zealand Naval Volunteer Reserve as a writer (administration), rising to the rank of Petty Officer and ultimately being commissioned in 1957 as a Sub Lieutenant.

I was selected in 1953 to represent the RNZNVR in the NZ Coronation Contingent serving on the Black Prince for the Coronation Cruise. We visited Australia, Ceylon, Aden, Malta, Libya, Gibraltar, Spain, Greece, Turkey, Rhodes, Singapore and Indonesia.

While in the Mediterranean I was able to use the ships receivers during non-working hours. I heard a number of medium, wave stations, including Istanbul Radyosu, which I logged. Later while berthed at Istanbul I personally delivered a reception report to the station. A QSL letter was typed and presented to me while the station staff entertained me with coffee. Turkish of course. I was awarded the Coronation Medal at Buckingham Palace and subsequently, the Volunteer Reserve Decoration (VRD) in 1969, followed by the first bar in 1979 and the second bar in 1993, becoming the only Reserve Officer to receive the second bar. In 1981 I was awarded the MBE (Military). I retired from the RNZNVR in 1994 after 43 years service holding the rank of Lieutenant Commander, becoming the longest serving reserve officer.

My Dxing has mainly been on shortwave with some 1200 QSLs from 165 countries. On broadcast I have about 250 veries. I consider my most interesting QSLs as being CR6RG Angola 4770, 250 watts, Blue Danube Network, Austria 5080, 250 watts, 4VWI Haiti 11850, 350 watts, CR7AB Mozambique 3490, 600 watts, Andorra 5980, 5kW, Radio Goa, Portuguese India 6085, 5 kW, and TFJ Iceland 12175, 7.5 kW.

Initially I used a Philco radio then to a 5 valve Pye in the early 50's. In 1965 I picked up an Eddystone 840C which was used to 1994 when a Kenwood R2000 was obtained. In 1998 I added a Sony SW55 and these two receivers are still in use. Over the years because of space limitations, antennas have been limited to inverted Ls of varying lengths.

I am a foundation member of the NZ Radio DX League and while in Dunedin was National

Secretary on two occasions and National President from 1970 to 1972.

Most of my listening was during my time in Dunedin. Since moving to Christchurch in 1972 I have still managed to increase my QSL total despite listening becoming much more difficult with increasing noise levels. I enjoy the Oamaru Conventions and the opportunity to meet and talk to other League members and DXers.

Article: Te Araroa Re-visited

Compiled by
Peter Chambers
Napier

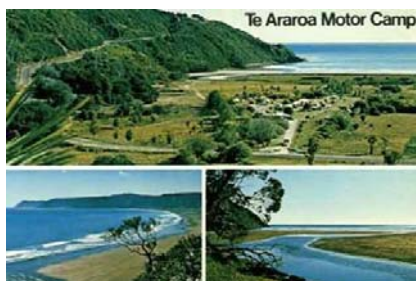
Quite a few DXers in the League will have great memories of DXpeditions to the remote East Coast hamlet of Te Araroa. a place of extraordinary DX reception particularly on mediumwave. From this site my father Robin Chambers heard Saudi Arabia 1521 kHz longpath in the evening. A feat not achieved from any other site in New Zealand. I remember Morocco on 1233 kHz booming in like a local just on the mediumwave loop. Evening European reception of Portugal and Spain had to be heard to be believed. Incredible DX was to be had just on the loop while longwires did better still. Unfortunately longwires to the East and Southeast were a bit of a problem. A deep raupo swamp being directly in the way. I think myself and my father were the only ones crazy enough to take on the swamp and run out a 500 metre southeast wire to the beach. The swamp was cold, muddy and armpit deep in places. Dragging in poles, running a straight line and getting the wire up was no easy task. The reception on that longwire was amazing.

The early DXpeditions to the Te Araroa motorcamp were absolute MW DX heaven for all who visited, especially those who put effort into erecting respectable longwires. Good things rarely last long.

The motorcamp became more developed bit by bit. A TV room was provided for campers evening entertainment. 2 tourist flats were built with TV's installed. The 11Kv power transformer right next to the camp office became progressively noisier. The appearance of TVI and powerline noise on the longwires and loops combined with the solar cycle changing for the worse saw Te Araroa fall from favour in the early 90's.

In early March 2001 I went for a nostalgic drive around the East Cape Highway with the intention of checking out the old site for DX purposes. I wanted to see if the place would still be viable for DXpeditions if one was prepared to use miles of coax, and baluns to beat the RFI problems. In the end I did not even visit the old site. I discovered that a new motorcamp had been established about 2km nearer to Te Araroa township. I drove down the access road to find a large white building about 200m short of the beach. I was delighted to see wonderful flat green grass paddocks stretching hundreds of metres to the East and Southeast. I could see that this place would be far better for beverage MW DX that the old site had ever been. The 11Kv powerlines and transformer were right back on the main road with only 230v lines coming down the access road. The power went underground 100m before the main build-

The original Te Araroa Motor Camp



ing. I spoke to the man in charge, told him of my DXing Hobby and how good the location was for what I wanted. He was very friendly indeed, even offering to supply waratah standards from the farm for pole supports. Due to abhorrent weather I did not stay that night. Neville McKenty and myself returned to the site for a flying one-night visit a fortnight later. The Lady in charge cooked us an excellent feed of fish, hotdogs and chips for tea. We set up the radios on the kitchen table in the little building servicing the tent area. We plugged the sets into the mains, ran out 3 100m ground wires covering N.America and switched on. We were amazed to discover the whole mediumwave band alive with signals just after 0500 UTC. Very very early compared to anywhere else I'd been listening prior to the trip. We had a thoroughly enjoyable evening hearing mostly West Coast USA signals at remarkable clarity and strength. WWL 870 boomed in brilliantly early on before the Hawaiians faded in. WHO 1040 was like a local, the best I've heard them in years. XERF dominated 1570 all evening. KNBR 680, KFI 640, CBU 690, KNX 1070, CFUN 1410 were rock solid signals right through. It's a long time since I've spent an entire evening tuning just MW with armchair copy signals from Canada, USA and Mexico all along the band. While not stunning results compared to years of old, we were only DXing with 100m ground wire antennas during an abysmal period of propagation. DXing from the tent area kitchen building we had nil RFI on any longwave, mediumwave or shortwave frequency. This despite a TV operating in the main building. Beverage longwires could be run directly from the kitchen block building across the paddocks with ease. The kitchen block is however quite small and can only accommodate 2 DXers. During peak holiday season the kitchen building would not be available for exclusive use.



The main building has plenty of individual rooms and a lounge area that could be hired out to a larger group for a listening post.

Beverage longwires would have to be erected high enough to clear the access road and parking area, allowing for motorhomes etc to pass beneath. Baluns and coax are likely to be necessary as a TV does operate in the main building in the evenings.

I would recommend erecting a listening tent near the kitchen block building, running a mains lead out to run receivers and lights.

Then longwires could be easily run in many directions with nil RFI trouble. One does not need to transport beverage poles to Te Araroa, Neville and I counted over 20 suitable poles amongst the beach driftwood only a short stroll away. The man in charge can supply waratah standards and a sledgehammer. Simply lash the poles to the stakes.

The site is beautifully scenic; the beach is great for surfcasting when the sea is calm. Accommodation is very comfortable, breakfast, lunch and evening meals all available on site. Plenty of tent sites for a lower budget option.

All in all, this new motorcamp is brilliantly located and the best DXpedition site anywhere in the North Island by far.

The motor camp owner is keen to provide for radio hobbyists and help in any way he can. The East Coast highway is much improved, being much faster and easier to drive than in the past. I myself will certainly be returning for a more serious DXpedition at some time. Good luck to anyone who ventures forth and has a go.

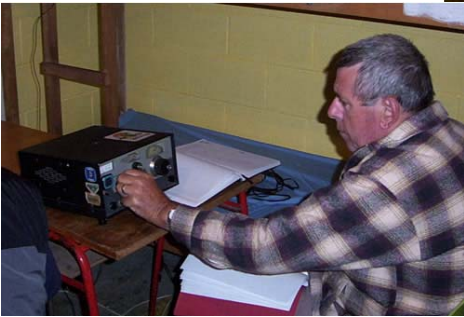
Images from Convention 2002 held at Camp Iona, Waianakarua near Oamaru. February 2002. All photos credit to David Searle. (Contact David at davidsearle@contactplus.co.nz if you would like copies of these or other digital photos from the Convention)



Jack Reddan, Cliff Couch, Ray Davey & Phil van de Paverd at the radio sprint



Ross Gibson, Peter Grenfell, Bryan Marsh (obscured) and Michael Pollard struggling at the radio sprint



Ray Crawford having a ball on the X-band



DX? What's DX? Alice Williams, Lynn Gibson & Gwen Aronsen play scrabble with cards



Arthur de Maine seriously contemplates buying another receiver



Raconteurs, entrepreneurs & auctioneers David Ricquish & Stu Forsyth



Radio waves . . . Adventist World Radio co-ordinator of international relations Adrian Peterson (left) and Jack Fox, of Mosgiel, compare radio technologies of the past and present, with 1934 Patterson valve radio and a modern day Sony, at the national Radio DX League convention near Herbert yesterday.

DXers make waves at convention

By David Bruce

Oamaru: A 1934 Patterson radio with its big wooden case could hardly be called portable in today's terms.

However, Jack Fox (79) carried one around during World War 2 for the New Zealand Army signals corps to monitor enemy short wave transmissions.

The contrast between the Patterson and modern radios was marked at the New Zealand Radio DX League's annual conference at Camp Iona, Herbert, during the weekend.

On display, was a portable Sony receiver that would virtually fit into a shirt pocket.

In the days before transistors, radios with huge valves were the only way keen DXers could listen to

Herbert

overseas short wave broadcasts.

Mr Fox's links with the organisation go back to 1939. He was a founding member of the DX League and a former member of the New Zealand DX Club before it went into recess.

The former Otago Daily Times Mosgiel reporter started out with similar equipment to the Patterson.

Since then, there had been huge advances in the power and size of listening equipment. The downside was the equipment was harder to repair, he said.

During World War 2, radio DXers were used by the Security Intelligence Bureau to monitor German,

Italian and Japanese short wave broadcasts for news about New Zealand.

Mr Fox was one of those listeners, carrying around a big valve radio.

"Security wanted us to report back so they could work out where the enemy had got the news and its sources," he said. A kind of "loose lips sinks ships" check.

Overseas visitors at the convention included Adrian Peterson, the co-ordinator of international relations for Adventist World Radio.

Based at Indianapolis, in the United States, Adventist Radio is a branch of the Seventh Day Adventist Church. About 50 DXers attended the convention, which started on Friday and finishes this morning.

ODT (Otago Daily Times) February 4, 2002

Article: Afghanistan Radio

Compiled by
Martin Hadlow
UNESCO Afghanistan

It looked like it would be an impressive place to visit. At the front gate, two guards stood with their tripod-mounted machine gun placed strategically atop what looked to be a table. The weapon was wrapped in a long belt of live ammunition. Steel combat helmets sat on the table alongside the gun and the guards gave us a cheery salute as we entered the compound. We were at the training centre of Radio-Television Afghanistan, a fine old building which had once been home to the first Radio Afghanistan station. Nestling in a back-lane in the old city of Kabul, just a stone's throw from the bustling money market and sellers of clothing and fruit, the building wears its age gracefully, albeit with countless scars of bullet

holes dotted across its facade.

The Director and his team of trainers were on hand to greet us and provide a guided tour of the facility. Our party was there to view the complex prior to the arrival of a UNESCO-funded training group from the Asia-Pacific Institute for Broadcasting Development (AIBD) in Malaysia. The AIBD, an intergovernmental organization of which Afghanistan is a Member, has been contracted by UNESCO to put in place a phased series of training courses during the coming year and beyond. The initial course is due to start in February. Our first stop was at the two training classrooms. Desks and chairs were in place. Blackboards too. In one room, where engineering training was previously held, the desks were equipped with large steel boxes. These were feedback mechanisms where, no doubt, students could punch in the answers as training courses proceeded. The lecturer could monitor progress on a master control board. The equipment, apparently supplied from the former GDR, was impressively solid. The master control system, about the size of a small refrigerator, seemed to have more buttons, levers and lights than the navigation bridge on an aircraft carrier.

We next wound our way to the main studio complex. This, like the training rooms, was a little dusty inside and totally devoid of electricity. As we entered the large music studio, an impressive 40 square metres in size I was told, we stepped gingerly to avoid any potential hazards. The darkness was complete. A brave Engineer Yhya led the way, his plastic cigarette lighter coming in handy as we inched along the wall and peered ahead into the gloom. Was that really a drum kit and grand piano I saw in the flickering flame of the lighter? Fortunately, a torch soon appeared, its battery weak but certainly more potent than the cigarette lighter.

Yes, it really was a grand piano! And, nearby, stood an upright model. I couldn't resist the temptation to tickle the ivories. The strings were slightly out of tune, but after many years unused, hardly surprising. To one side of the room was a large drum-kit, dusty but complete. I can't say I'm musical, but I toddled the tom-toms anyway. The chance doesn't often occur. As our torch scanned the room, I saw ahead the broken shaft of an electric guitar leaning against the wall. The fretboard was there, but where was the rest of it? Perhaps the remnants of a concert by The Who? As we left the studio, we passed beneath the antlers of a rather large deer nailed to the wall directly over the lintel. I haven't seen that before. Well, not in a music recording studio, anyway.

Nearby was the rehearsal room. Its walls still told of sound-proofing and sopranos. Its concrete floor told of a repository for broken furniture. Next stop was the upstairs master-control studio, still equipped with Siemens consoles, a Revox tape-recorder and even a record turntable. But I doubt that it will ever turn again. And I feel sure that the Siemens company would be delighted to see their old consoles in such good order, with slide mixers still functioning, despite the fact that the equipment must be close to 40 years of age. In a nearby room, a technician whipped off a dust-sheet to reveal two Studer tape-recorders, still in one piece but, sadly, with little life left in them.

All too soon, it was time to take our leave. We said our farewells to the intrepid and dedicated team of trainers and headed off to our next destination. This time, we were to visit the production house where UNESCO once operated an educational broadcasting radio and television production studio. The two-storey building, or what was left of it, is located

close to the university in a street of houses and shops ravaged beyond belief by war. Hardly a single one is intact. Again, led by the courageous Engineer Yhya, we entered the compound of what had once been UNESCO's pride and joy. The first thing I saw was the shell of a rusted motor vehicle lying in the garden, its body peppered with bullet holes. On the wall near the front door, a large hand-drawn piece of graffiti immediately caught the eye. Translated, its message was potent, its plea chilling. It read "War, don't kill us! We are teenagers".

I stepped into the building and was taken-aback by the devastation. Everything was gone. Doors stood idly, their glass panels stripped. Windows had long gone. Where once a radio studio had stood, former occupants had decided that it would better serve as a toilet. Faeces covered the concrete floor. To the right, the front office was a scene of broken and twisted metal, an old table, covered with dust and debris but still in one piece, stood like a sentinel of better times long-gone. Propped up on the window-sill were two steel army helmets. Each was riddled by bullets. Hopefully, just target practice and not worn by combatants at the time.

We trod gingerly along the corridor, looking left and right at where radio and television studios had once stood. We didn't enter, always mindful that discarded ordinance and explosive booby-traps are common in this war-torn country. Finally, we reached the main television studio. Poised high above the studio floor, the gutted director's box looked down on us forlornly. The quiet was deafening. The destruction was complete. Everything of value in the building had gone, even the toilet receptacles. Only the sound-proofing on the walls of the main studio seemed to have survived, plus some tiles in one of the bathrooms.

That it has come to this, I heard myself saying. That it has come to this. I thought about the sign at the front door, its plea even more emotional now that I had seen what past wars had wrought- "War, don't kill us! We are teenagers". I thought about those young people. Where are they now? Did they survive this carnage? And I thought about the words of UNESCO's constitution "it is in the minds of men that the defences of peace must be constructed". Never a truer word written.

We stepped out into the daylight. I didn't know what to say. I just shook my head. Engineer Yhya spoke first. "Now, Mr. Martin, this all belongs to you". We all laughed together. "Please bring it back and make it UNESCO again" he said. I looked at the wall where the teenagers had written their brief but eloquent statement. I knew that we would do our best to see that the centre was rebuilt and, when reconstructed, we would place a large perspex sheet over that wall to preserve the writing and the hundreds of bullet holes that now dotted it. A lasting memorial to a time hopefully now past in Afghanistan's history.

Engineer Yhya closed the steel outside door as we left the compound and went out onto the street. Around us, ruined buildings stood, their roofs torn from them, their walls pock-marked by shell fire. But in this scene of near desolation, I felt hope. Hope that, indeed, the UNESCO educational radio and television production centre would again rise from the ashes of this part of Kabul and make a real contribution to education, peace and tolerance in a country that, for too long, has only known conflict. A centre where busy, happy and creative people put their minds to the defences of peace and where, never again, young people would have to write on the wall: "War, don't kill us! We are teenagers".

Martin Hadlow UNESCO Team Leader, Kabul. Afghanistan. 24th January, 2002

(Martin has been a member of the DX League for many years - Chief Ed)

NEW ZEALAND RADIO DX LEAGUE (Inc.)

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

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David Norrie,

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