



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

May 2002 - Volume 54 Number 7

<http://radiodx.com>



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Compiled by David Ricquish, Wellington



Welcome. Another very busy news month. Highlights include Martin Hadlow's news from Kabul, Adrian Sainsbury's updates on RNZI activities including the Democratic Voice of Burma relays and the DRM tests from Europe and Bonaire, the US based Radio World newspaper praises the League's website in a major article, KSAI Saipan goes silent, DXers meet in Wellington and much more.

Also, we have two China Radio International T-shirts to give away. You'll find full details at the end of the column. Thanks so much, again, to everyone who contributes to make this column possible. I hope you're enjoying it.

Adrian Sainsbury, RNZI Wellington has been keeping us up to date with plenty of news recently. As we read in last month's DXT, **NZ Defence Forces Radio** are now using the SW transmitter for broadcasts to East Timor, Solomon Islands and Bougainville. These are not RNZI broadcasts, so can be counted as a new broadcaster.

Democratic Voice of Burma



This month, we can finally talk about the use of the RNZI transmitter for broadcasts of the **Democratic Voice of Burma**.

The programs are fed from DVB studios in Oslo, Norway and relayed from 1430-1530 UTC on 15620 from RNZI. We knew about this back in January but had to keep it under wraps until now. Adrian is able to check on signal reception in the target area by using a remote monitoring site in Thailand and says reception of the broadcast is also getting good reports from as far west as India.

Also, Digital Radio Mondiale Long Distance Tests got underway in late April, targeting Wellington, Melbourne and Sydney. The Wellington tests are scheduled May 1-7 from transmitters in Bonaire, Sackville, Sines and Juelich and involve a 57 minute program in alternate AM and Digital modes. Radio Netherlands and BBC staff have been in Australia and NZ for the tests.



Finally, Adrian confirms that technical planning for a second 100kW SW transmitter is underway, with an expected on air date of about 2004. This will be dual digital/analog.

Martin Hadlow, UNESCO Kabul, Afghanistan writes as a long time NZRDXL member,

Contribution deadline for next issue is Wed 5th June 2002. PO Box 3011, Auckland

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I'm delighted to participate in this valuable and exciting venture and will contribute to the Radio Heritage Collection as best I'm able.

As you've seen from this month's cover story, Martin has also contributed an **Update from Afghanistan** with items on British Forces Radio, Italian Forces Radio, BBC, Radio Afghanistan and the UNESCO project at the Journalism Faculty of Kabul University. We're immensely grateful to Martin for taking the time to send us the update and for staying in touch with us whilst on duty in Kabul. This update can also be found shortly at www.radiodx.com in the Radio Heritage Collection.

Jack Fox, Mosgiel sends a copy of the *SEAC Forces Radio Times* from June 1947. This was distributed to Aden, India, Burma, Ceylon, China, Malaya, Borneo, New Zealand, Australia, Japan, British Pacific and East Indian Fleets and selected listening posts throughout the world from Radio SEAC in Colombo, Ceylon.

It contains the BBC Overseas Service schedule for India and Malaya (programs included *Music While You Work*, *BBC Midland Light Orchestra*, *Home News from Britain*, and *Much-Binding-in-the-Marsh*) as well as the Radio SEAC schedule (including *Yours for the Asking*, *Date with Doreen*, *Bandstand* and *Forces Educational Broadcasts* <*Penny on the Rates*, *What the Council Does*) on 3395, 6075, 9520, 15120, and 17770 SW. Separate programs for Indian Forces in various dialects were broadcast on 15120 and 19840.

Radio SEAC was heard widely in New Zealand and there are many QSL cards from various transmitters at the NZRDXL Archives, and in collections of current members. Our thanks to Jack for sharing this fascinating item from 55 years ago.



All India Radio has a useful new website at www.air.kode.net which traces a brief history of Indian radio, how AIR is organised, program schedules, and complete MW, SW and FM transmitter location lists by state, city and frequency plus times of operation each day. Domestic and External Services are included.

There are 208 individual broadcasting centers, with 150 MW, 128 FM and 48 SW transmitters currently on air. The Home Service alone is broadcast in 24 languages and 146 dialects. Email reception reports about technical quality of any AIR station are welcomed

at faair@nda.vsn.net.in so now's a good time to log those domestic SW stations. There are reports that these will be phased out and replaced by FM over a period of years.

In the meantime, **private commercial FM in India** is now a reality after a two year wait since starter stations were ordered off air by a court judgement. In the past month, Calcutta has been granted 10 FM stations, and Bangalore gets 5 as FM rolls out across 40 cities nationwide.

Mauritius meanwhile gets private radio as well, with *Radio One FM* launching on March 12, to be followed soon by *Radio-Plus* and *Sunrise Radio Mauritius*. In fact, the latter can be heard with an interesting program in Hindi and English via *Radio Taal* one of the Mauritius Broadcasting Corporation channels. Dual ID's are *Sunrise Radio live from London* and *94 FM in Mauritius*. The UK station is on 1458 MW.

A little less busy **around the Pacific** this month. First up though, a correction to the item on KMVI-FM last month. **Chuck Boehnke, Hawaii** correctly points out that *Jawaiian* is actually a fusion of Hawaiian and Jamaican music, based on reggae and 'roots' music. He says *quite a few stations here do play a lot of Jawaiian as well as contemporary and traditional Hawaiian music*. It also includes rap and hiphop.

For those interested, *Te Papa* Museum of New Zealand in Wellington is featuring *Reggae Xplosion — the dramatic story of reggae from its Jamaican roots to the Kiwi music scene today*. On from March 29-July 14. The latest Auckland radio ratings place *Mai FM* as top ranking station for the first time, and their playlist includes much contemporary Maori music known as *Pacific Reggae* which traces it's history back to the 1970's and the group Herbs. Our local version of Jawaiian.

Also in **Hawaii, KCCN 1420** is now back in local ownership after being sold separately from the FM outlet. The existing sports talk format continues. Also continuing is **KNDI 1270** 'The Broadcast House of the Pacific'

This is an eclectic timeshare station sometimes heard in Australia and New Zealand, with religious, Asian and other ethnic group programs. The local owner (a rarity in Honolulu) recently won a Small Business Association Award.



KSAI Saipan went silent on April 30. Operated by the religious broadcaster FEBC, KSAI 936 MW has been heard several times here in the South Pacific with a domestic service for Saipan. FEBC says funding issues were amongst the reasons why the station was closed down after several decades of service.

The original KSAI began broadcasts as a VOA propaganda station to Japan towards the end of WWII, and was often heard in Australia and New Zealand on 1010 MW running 50kW. QSL's for both KSAI stations can be found in the NZRDXL Archives and more information about the VOA operation including links to studio and transmitter photos can be found in the Radio Heritage Collection at www.radiodx.com for those interested.

Bill Marsh Jnr, Invercargill has contributed a wonderful article to the Radio Heritage Collection with the help of many members such as Paul Aronsen, Ray Crawford and Paul Ormandy. **Bill Marsh Senior** was a long standing DXer in Southland, and designed and built the *Marsh Special*, perhaps the best MW DX receiver seen in New Zealand. Check out the ten (yes, 10) South African MW QSL's for Southland reception. You can read Bill's story on-line, and here in the NZDXT shortly.

Other new articles of interest added recently include *The 4PM Port Moresby Story* by **Ian Mackay** (former broadcaster in PNG), *Radio Stories from Papua New Guinea* by **Keith Jackson** (formerly with the ABC in PNG and in Australia, founder of 2SER-FM/2ARM-FM), and from the endless pen of **Adrian Peterson** we have *Ship Broadcasts from the Pacific, German Army Broadcasts*, and *AWR Europe History*.

Meanwhile, **Bob Padula, Melbourne, Australia** has been licenced to reprint articles from the Radio Heritage Collection in his on-line DX magazine *EDXP*, and has also agreed to include a short message which gives his readers more information about the project and a direct link to the website. We look forward to this collaboration which has been arranged with help from **Adrian Peterson**.

Merv Branks is also remembered on-line, with an item about his exploits at the famous 6 x 3 at Riverton Rocks, including inside and outside photos of this legendary location. Again, our thanks to Bill Marsh Jnr for sharing memories and photos of Merv.

Wian Stienstra, Groningen, Netherlands writes *just a short note to thank you and your team for the interesting articles on www.radiodx.com as such stories provide interesting insights and are much appreciated. Keep up the good work.* (Thanks Wian, keep visiting the site, there's always something new there.)

Skip Pizzi, Arlington VA has written a very favorable article about the Radio Heritage Collection which appears in the April 24 issue of *Radio World Newspaper*. Headed **Website Captures Radio History Stations May Come and Go But They Can Live On in Cyberspace** the article says *the result is an astounding collection of broadcast history that continues to grow.*

Radio World International publishes a weekly newspaper in three editions, USA, World and Latin America, and is read by radio professionals across the world. Within 24 hours of the story appearing, the first email was received from a former broadcaster at AFN Europe in Germany. We hope this promotion will build interest in the project and more traffic for the website. Check out www.rwonline.com and get their free weekly online newsletter.

Still in the land of Bluff oysters, **Paul Aronsen, Invercargill** sends the latest *Southland DX Digest* with news of the branch visit to Mercury TV, plans for the working bee at Tiwai (volunteers needed), Steven Greenyer's MW reception of Argentina and Uruguay on just a loop in Timaru in mid-April, more about the *Tribute to NZ DXer Bill Marsh Senior* at www.radiodx.com and local branch news.

Mark Nicholls, Wellington alerts us to www.100kwatts.tmi.net which he says is a *great site for checking US and Canadian AM & FM stations. The main entry page has the latest US frequency and callsign changes. Try typing a callsign into the search box. Up pops the transmitter location, format and a link to their website if they have one. Click on the little flashing transmitter tower and you get a map showing the exact transmitter location.*

Ralph Sutton, Wellington passes on an item from the *Queensland WIA* newsletter headed **SW Pirate Listeners Group Established** which goes on to say *if you thought modern SW listening was simply punching in frequencies and hearing stations, you might not have tried listening for pirate stations. Pirate stations are the rare DX for the SWL. They are typically low power and don't always keep reliable transmitting schedules. Hearing them is a somewhat hit and miss affair.*

An email group has been established to allow listeners to share reports of reception of pirate radio. Read around the world, it has almost 500 active members. Subscribers also have access to audio archives and pictures. Visit www.egroups.com/group/SWpirates for more news.

And, check out our own Paul Ormandy's *Unofficial Radio* column here in the NZDXT. Since starting just a month or two ago, it's already building a popular following, and the word is, some of the catches reported there are top DX worldwide. As winter sets in, a hot toddy of Cap'n Morgans' finest will help you hear some pirates!

Meanwhile, from somewhere south of Bundaberg, **Ray Crawford, Brisbane** writes *whilst researching the article about Bill Marsh for www.radiodx.com I came across some info about the NZ Shortwave Club.*

They began as a column in 'The Radio Log' of October 1931 and were last seen in the 1932 issue of 'The NZ Radio Times'. The NZ DX Club was in both these magazines. The Radio Log was the official organ of the NZ DX Club and originated from the DX pages of the Radio Record. The Radio Times started in April 1932, and incorporated the NZ DX Club pages as well as technical articles.

(During Convention 2002, Ray and I found old QSL cards issued by the short lived NZ Shortwave Club amongst a shoebox of old cards at a stall in Oamaru. **Adrian Peterson** added quite a few other cards to his collection from the same source.)

Basil Jamieson, Oamaru is next up this month with a kind comment about the column. He says *NZDXT arrived today. I found your Talkback section as usual was most interesting, full of information. Congratulations on what has become a real feature of the NZDXT.*



(Thanks for the encouragement. It's only through contributions from such a wide range of readers that the column is possible and we are an eclectic and interesting bunch of folks!)

Congratulations to Lee Reynolds, Lempster, NH. Lee is winner of the *Radio Happy Isles* book for subscribing to the e-DXT in the period ended March 31. The book should be there as soon as the USPO delivers it Lee! Well done, and I hope you're enjoying the e-DXT each month.

Mark Starin, Manchester, NH (K1RMC) writes *I found your website thanks to a Radio World article. I was particularly interested in the AFN Europe information. I was stationed in Germany from 1971-73 with the US Army and spent my last 14 months there on a remote radio relay site NE of Heilbronn. AFN Stuttgart came in loud and clear at our site, and I could also pick up the VOA LW transmitter on my car radio which was kinda neat. Keep up the good work.*

Peter Grenfell, Oamaru is next up, commenting *The DXT gets better and better. The April NZDXT is most interesting and a credit to everyone associated with its production. I'm still reading through everything!*

Members are getting real value for money. When you price out the cost of a sub at NZ\$35 it's less than NZ\$3 a month for 44 pages!

Robert W Matheson, Director of Programing, AFRTS, March Air Reserve Base, CA sends a pleasant message: *A very interesting website. Congratulations. We noticed it in the Radio World article.*

Reading *Talkback* at www.radiodx.com? You can download recent issues of the e-

DXT here and if you'd like to continue reading an ever growing number of radio articles, check out the latest DX catches and become a regular reader, please download the [subscription form](#) and choose either the e-DXT or the hardcopy NZDXT.

Choose the e-DXT between now and June 30, and all new subscriptions are in to win **The History of International Broadcasting Vol 2 by James Wood.**

Valued at over US\$55, it covers major SW broadcasting since the end of the Cold War, takes a look at large SW transmission sites in Europe, the expansion of SW in the Middle East and examines the background to Radio Liberty/RFE and much more. A good book for the DX den, and it can be yours free simply by subscribing to the e-DXT now and going in the draw. Offer is valid worldwide.

ANZAC Day was on April 25 for our New Zealand and Australian readers (similar to Memorial Day for those in North America) and if any readers were in **Jayforce**, the NZ occupation forces in Japan, you may be able to tell us more about Radio AKA and Radio WLKW/WLKY.

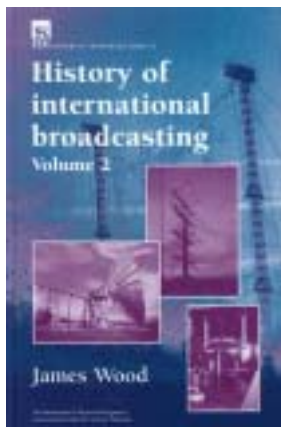
In *Jayforce* by **Laurie Brocklebank** (Oxford UP 1997) there's a photo of Sergeant J Penketh playing a disk on the first day of broadcast by a radio station identified as WLKW. A radio station was located at the NZ camp at Yuda in Yamaguchi. The station began broadcasts with 500 watts on January 15, 1947 after scrounging gear and music from a local AFRS station. It was also known as Station AKA, NZ Broadcasting Unit Japan. Broadcasts ended in 1948.

Ben Furby, Campsie NSW has also written with much more detail about the Jayforce stations. These have now been incorporated in a new article which will shortly be added to the Radio Heritage Collection. Ben was engineer at Radio AKA for two years and now volunteers at 2RPH Sydney. According to Ben, Radio AKA 1440 AM at Yuda, was the main station. There was a 30 watt satellite station with the callsign WLKY on 1480 AM at Shimonisekei. WLKY rebroadcast AKA's programs.

From this information, it seems that WLKW is incorrectly referred to in the *Jayforce* book as being a NZ station. From our database, WLKW is one of a network of 10 watt repeaters of the Australian controlled BCOF main station at Kure. Ben adds that several NZ radio sporting personalities got their radio careers started at AKA, including Dick Allard and Bob Irvine. National Radio's Gary Chapman, who worked the YA All-Nighter also began his broadcasting life at AKA. So, this little known station in southern Japan has had quite an impact on contemporary NZ radio.

4XD Dunedin celebrates 80 years on the air by reaching #1 in Dunedin. According to **Jack Fox, Mosgiel**, Radio Dunedin 4XD has grown its audience again to become #1 station in Dunedin with 14.7% of the market. Jack also wonders *is talkback radio starting to fade?* The local NewsTalkZB station has lost audience, and talkback format stations have slipped nationwide in the latest ratings. Easy listening music stations have grown audience share.

Radio 4XD is still owned by the Otago Radio Association but leased to one of the major commercial networks, RadioWorks. Broadcasting continuously since 1922, 4XD is the last remaining of the original 'B' stations on air in New Zealand. Some say it's also the oldest



radio station in the Commonwealth. (Listen to 4XD on 1305 AM).

Wellington DXers met April 28 with Adrian Sainsbury present, and discussion included possibilities of hosting a combined Convention, AGM and 55th NZRDXL celebration function in October 2003. (See From the Branches for more news including plans for a May 25 social meeting at the studios of Radio New Zealand International)

This month in the NZDXT, you'll find our **How to Listen to Africa** article. It's a guide to SW radio broadcasts from nearly every African country audible in the South Pacific. Details have been taken from the two **Bandwatch** columns from 2000 to 2002 so this is practical stuff.

From July 1 to August 31, log African countries to score points for the **2002 Vacation BCL Contest**. Prizes include subscriptions to *Popular Communications & Monitoring Times* as well as radio and DX guides and books. The 2001 contest featured Asia with winners from France, Italy and Wales. Organiser **Frank Parisot** invites *Talkback* and NZDXT readers to enter the 2002 contest.

You can find more information at www.swlcontest.homestead.com can email Frank at frankparisot@hotmail.com or write him at PO Box 6, 92173 Vanves Cedex, France. Remember to send your loggings to **Bandwatch** over the two months of the contest.

Two China Radio International T-shirts to be won!

Every African SW logging accepted in *Bandwatch* and heard during the Vacation BCL Contest period (July 1 to August 31 2002) puts you in the draw to win a fantastic T-shirt from China Radio International. We have two T-shirts, one for *Bandwatch* Under 9, one for *Bandwatch* Over 9. To enter, you must be a current subscriber to either the e-DXT or NZDXT. Simply send details of your loggings to the *Bandwatch* editors. Remember, you can use the same logs to enter the 2002 Vacation BCL Contest. Have fun!

Article: Afghanistan Radio Update

Compiled by
Martin Hadlow
UNESCO Afghanistan

Some up-to-date information on the radio situation in Afghanistan.....

USAID (the US Government's aid agency) is currently installing a VSAT satellite system at Radio-Television Afghanistan in Kabul. (It should be ready by the end of the week). This will be used to send the Radio Kabul signal via satellite to shortwave transmitters in Norway and somewhere in the Gulf. The programmes will then be rebroadcast back into Afghanistan using Radio Free Afghanistan (RFA) and VOA facilities. This whole arrangement is being put in place especially to provide information to people in Afghanistan about the Loya Jirga process. (This is the body to take-over from the Interim Administration in mid-June). I expect the programmes to start soon, so keep an ear on the relevant frequencies.

In addition, we are advised that the IBB (International Broadcasting Board) also from the USA is to provide two x 400 KW mediumwave transmitters to be based in Kabul. One will transmit Radio Kabul programmes and the other VOA and RFA. In addition, two FM transmitters for Kabul are being supplied. I am not sure when the AM transmitters will be installed.



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
2310	1328	AUSTRALIA, Alice Springs weak in EE with local comment. No sign of Tennant Creek or Katherine — KAB 28/4
2485	0850	AUSTRALIA, ABC NT service from Katherine, fair in EE — IC æ
3200	1735	SWAZILAND, TWR fair in EE with relig prgm, much better by 1900 RFK 31/3
	1858	SWAZILAND, TWR poor/fair with gospel prgm. Other Africans noted were World Beacon 3230, BBC Myerton 3255, Mali 4835, Kenya 4915, VOA Sao Tome 4950, Christian Voice 4965, Uganda 4976 & 5026, Burkina Faso 5030, Congo 5985, Ethiopia 5990, Rwanda 6055, Zambia 6265 — PWO 5/4
3205	0900	PNG, R Sandaun fair in Tok Pisin — IC æ
3210	0630	USA, WWCR good in EE with usual relig prgm — RFK 30/3
3215	1817	STH AFRICA, SARL Meyerton with Ham notes in EE v good, on Mondays only RFK °
3220	0900	ECUADOR, HCJB good in ethnic language — IC æ
3230	1830	STH AFRICA, Africa Beacon v good in EE with relig prgm. Was due to close 15/4 along with other Beacons — RFK 31/3
3235	0800	PNG, R East Sepik fair with news in EE — IC æ
3245	0900	PNG, R Gulf good with EE news — IC æ
3255	1856	STH AFRICA, BBC Meyerton v good with full ID and news in EE — RFK 31/3
3279	0523	ECUADOR, R Maria del Ecuador fair with Catholic relig service — PWO 5/4
3288	1835	MADAGASCAR, R Madagascar poor in local dialect, no ID obtained RFK 31/3
3290	0630	ECUADOR, Voz del Napo with Spanish relig prgm and lots of mx RFK 29/3
3300	0630	GUATEMALA, R Cultural gd most nights with Spanish relig prgm RFK 29/3
	0800	GUATEMALA, R Cultural v good in Spanish, always here — IC æ
3325	1142	PNG, R Bougainville fair in Tok pisin with messages, local & pop music, refs to Bougainville — KVB 14/4
3350	0526	COSTA RICA, REE fair with item on UNITA and Angola, full ID 0530, s/off 0600 — PWO 5/4
3360	0244	GUATEMALA, La Voz de Nahuala with Spanish talk followed by marimba music, better at 0400 — RAD 15/3
3366	1837	GHANA, GBC poor with news commentary in EE — RFK 30/3
3976	1223	INDONESIA, RRI Pontianak poor with talk in Indonesian then ID — YK 28/4
4005	1727	VATICAN, Vatican Radio poor but good by 1835 in Czech, then Slovak and then Polish, Full ID between languages — RFK 30/3
4649	1050	BOLIVIA, R Santa Ana up nicely with ID after news then lively mx PWO 5/4

4747	0919	PERU, R Huanta fair in Spanish with Andean music, IDs 0931, 0941, 1016 — KVB 2/4
4785	1231	CHINA, Nei Menggu PBS fine with local music prgm in Mongolian YK 28/4
4815	1048	ECUADOR?? R Buen Pastor (tent) fair in Spanish with contemp relig music, mini-sermon — KVB 2/4
4832	0225	HONDURAS, R Litoral with continuous vocals and brief ID, fair — RAD 15/3
4835	0800	AUSTRALIA, ABC NT service from Alice Springs, good with news — IC æ
	2335	MALI, RTV Malienne fair with French talk, high life music, ID and s/off // 5995, 4783 poorer — RAD 16/3
4871.9	1915	UNID, presumed Sri Lanka, poor with sub-continent music — PWO 5/4
4876	1042	BOLIVIA, R La Cruz del Sur fair/poor with spoken prgm, some music, ID 1057 and intense sermon — KVB 11/4
4890	0935	PNG, Port Moresby fair/poor with local music prgm in Tok Pisin — YK 28/4
4919	0832	ECUADOR, R Quito good in Spanish with talk and frequent IDs — RAD 4/4
4926	0900	BOLIVIA, R San Miguel poor/fair in Spanish with s/on and sung ID, ID 0910-05 — KVB æ
4955	0959	PERU, R Cultural Amauta with tinkly music, s/on. Fair in Spanish with world news, ads, relig music and mini sermon , ID 1000 — KVB æ
4960	0420	SAO TOME, VOA fair with VOA News Now, ID and freq. Announcements — RAD 6/4
4980	1035	VENEZUELA, Ecos del Torbes with fanfares and ID in Spanish, during temporary overthrow of President. Heard again on 13/4 with opening anthem and ID — BDC 12/4
5005	0920	PERU, R LTC poor in Spanish, new to the frequency — IC 17/4
5005.3	1107	PERU, R LTC, fair with "LTC Noticias" and "Star Wars" theme song PWO 5/4
5010	1756	MADAGASCAR, RTV Malagasy fair/poor in unid language with drums, Afro band contemp music, 1813 spoken prgm, ID 1807 — KVB 16/4
	1845	CAMEROON, Garoua (tent) in ethnic language but faded out by 1900. 1859 ID in French _ CRC 13/4
5020	1800	SOLOMON IS, SIBC relaying BBC WS in EE with many IDs, faded by 1900 — CRC 5/4
5030	0550	BURKINO FASO, RTV Burkino good in ethnic language, into French after 0600 — IC 8/4
	0750	COSTA RICA, University Network v good with usual Dr Gene Scott prgm — IC æ
	2332	BURKINA FASO, RTV Burkina fair in French with music prgm, 2358 ID and s/off — RAD 15/3
5060	1748	CHINA, Xinjiang-0mu Urumqi in Mongolian (not Chinese) till 1756 then single note music (IS) with ID at 1800 in Chinese and off — CRC 9/4
5860	1320	CHINA, V of Jinling (tent) fair in Chinese with comment, and music with commentary — KAB 26/4
5925	1116	VIETNAM, V of Vietnam good in Vietnamese with spoken prgm and possible world news, several refs to Vietnam — KVB 11/4
5925	1301	VIETNAM, V of Vietnam with ID, then news in Vietnamese??, fair KAB 26/4
5950	0711	USA, R Taipei Intl good in EE with Taiwan news, ID 0713, some QRN CC 4/4

5965	1315	CHINA, CRI in unid language with news on Maddle East and effect on China, ID 1316 — KAB 26/4
5970	0303	BELARUS, R Minsk with EE news, ID and s/off, poor with splatter from BBC RAD 16/3
5975	0705 0718	GERMANY, High Adventure Radio good with relig prgm in EE — RFK 29/3 GERMANY, High Adventure Radio poor/fair in EE with gospel music, steady QRN — CC 4/4
5995	1310	AUSTRALIA, R Australia fair in EE with ID and news — KAB 26/4
6000	1315	SINGAPORE, R Singapore Intl fair in Chinese with news — KAB 26/4
6005	0930	JAPAN, R Japan, Saporro good in Japanese — IC æ
6020	1130	AUSTRALIA, R Australia good in EE with music and commentary on Pacific news — KAB 18/4
	1910	MADAGASCAR, RN poor in EE with African Service // 13700 v gd KAB 18/4
6025	0930	BOLIVIA, R Illamani v good in Spanish — IC æ
6039.9	0922	BRAZIL, R Clube Paranaense with jingle ID in Portuguese, regular time checks, clear until WHRI opens on co-channel at 0958 — BDC 30/4
6045	0500	SAO TOME, VOA Afro language prgm with music, studio chatter, to 0530 closing, 0532 off — JB 27/4
6055	0515	SPAIN, REE v good in Spanish with talk after ID, no EE prgming — CRC 9/4
6060	0916	ARGENTINA, R Nacional fair/good in Spanish with spoken prgm, ads, news, IDs 0923, 0932 — KVB 24/4
6065	1850	SWEDEN, R Sweden v good in Swedish with ID then pop music // 5840 even stronger — CRC 6/4
	1930	SWEDEN, R Sweden fair in EE with 60 Degrees North after IS, ID and news KAB 16/4
6085	1006	USA, WYFR fair/good in Spanish with relig prgm, ID 1043 — KVB 23/4
6090	1000	CHILE, R Esperanza fair/good in Spanish with sked, contemp music and several freq announcements until fadeout at 1048, ID 1014 — KVB 24/4
6100	0645	LIBERIA, R Liberia Intl with high life music until news at 0700, faded by 0715 and not audible on subsequent nights — BDC 20/4
6110	0130 0857	ASCENSION IS, RAI v good with news in Italian — JSB 2/5 ECUADOR, La Voz de los Andes Internacional in presumed Quecha. Very good with mixture of spoken and relig prgms, and music. 1000 IS, T/S, and off, ID 0900 — KVb 16/4
6137.8	2200	SIERRA LEONE, R Unamsil, UN mission in Sierra Leone weak at 2200 building up around 2300, unusable in QRM after 2400.. Best at 0600 with music, studio talk, faded out by 0630 — JB 20/4
6155	0557	AUSTRIA, R Austria Intl fair in EE with ID, then Quizz, some QRM // 13730 clearer — CC 20/4
6165	2235	CROATIA, pops in various languages with announcer in Croat, good ID at 2300 followed by news then music, fair — RAD 29/3
6175	1906	TAIWAN, RTI with Natl Anthem, ID then German prgm, fair — KAB 21/4
6180	0804	BRAZIL, R Nacional de Amazonia fair in Portuguese with ID and talk, noisy CC 12/4
6195	1910	UK, BBC WS with comment on French election, fair in EE — KAB 21/4

6225	2100	RUSSIA, DW in Arabic with German Lessons, fair — PWO 5/4
6249.4	2155	EQUATORIAL GUINEA, R Nacional poor with continuous music till s/off 2253 without usual fanfare — RAD 29/3
6350	0831	HAWAII, AFN on USB with CNN news, ID, health segment, fair — RAD 20/3
6715	2210	UNID, Korean relig stn weak and off by 2230, not as good as a month ago JB 26/4
	2302	UNID, Korean relig stn first time heard, poor with talks and relig vocals — RAD 29/3
7105	0435	ASCENSION IS, BBC strong in French — IC 17/4
7110	0519	TUNISIA, RTV Tunisienne good in Arabic with lively music, // 7275 the same CC 2/4
7120	0430	STH AFRICA, BBC Myerton strong in EE — IC 17/4
	2200	ITALY, IRRs on at 2200 then Radio 510 prgm for 2 minutes before going to carrier only, until 2254 when music back onwith closing announcement for what was supposed to be a R Rasant prgm. R Rasant Idin EE with requested reports, IRRS off at 2305 — JB 12/4
7130	1100	TAIWAN, RTI in Japanese. At 1200 ID, then into EE, excellent — JSB 22/4
7160	1900	THAILAND, R Thailand fair in EE for 1hr after temple gongs and ID — KAB 16/4
7200	0800	RUSSIA, R Rossii into R Sakha at 0810 with IS, intro and “Govorit R Republiki Sakha”, back to R Rossii at 1000 // 7345 — JB 10/4
7210.3	2233	BENIN, R Diff du Benin fair in French with phone-ins, ID and s/off at 2259 — RAD 17/3
7230	0529	UK, R Japan good in EE with comment on Afghanistan, scratchy — CC 2/4
	0630	UK, NHK/R Japan fair in EE via Skelton — IC 23/4
7235	0435	ITALY, RAI opens in Italian, strong // 9875. Into EE at 0445 — IC 16/4
7235	1236	SINGAPORE, R Singapore Intl good with local pop music prgm in Malay — YK 28/4
7250	0510	VATICAN, R Vatican good in EE with talk about church in Sri Lanka Cc 9/4
7445	0925	COSTA RICA, RFPI on USB in EE with talk on ME Situation , noisy — CC 26/4
7480	1800	USA?? R Payam-E-Doost v good. This iss a Bahai Faith broadcaster in US and site unknown — IC 10/4
7490	0430	NORWAY, R Denmark v good with news and comment in Danish — RFK 30/3
7505	1326	NTH KOREA, V of Korea fair in EE with choir singing, distorted // 9335 & 11335 the same, 11710 poorer — CC 26/4
7580	0900	USA, WHRA mixed with Pyongyang but still heard with relig prgm — RFK 29/3

Logging of the month

goes to **Kelvin Brayshaw** for R Buen Pastor, Ecuador on 4815 at 1000 Watts non directional

My thanks to all the contributors, with a good variety of loggings. A welcome to new contributors Ron Killick of Christchurch and Yasuaki Katagiri from Japan, and a welcome back to Colin Campbell of Hamilton. 73's, Ken Baird

CONTRIBUTORS FOR THIS MONTH

BDC — Bryan Clark, Auckland, AOR7030+ : **CC** - Cliff Couch, Paraparaumu, AT5 803A, 60m horizontal loop, 2x30m wires N/S & E/W: **CRC** — Colin Campbell, Hamilton, DR31 and whip: **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, 65m horizontal Loop/rhombic : **PWO** — Paul Ormandy, Waianakarua, SPR4, Numerous Beveridges : **RAD** — Richard D'Angelo Wyomissing USA, R8B, Lowe HF 150, Alpha Delta sloper, RF Systems mini window, Datong FL3, JPS ANC4 : **RFK** — Ron Killick, Christchurch,(Shag Valley Trip) , Sony ICF 6800W, 100 m wire : **YK** — Yasuaki Katagiri, Japan, IC R75, HF 150E, Small Loop, SA-7000.

Contributions to this column may be sent to PO Box 3011, Auckland or K A Baird, 10 Sarabande Avenue, Christchurch, 5. Ph: +64 3 352 6455, FAX: +64 3 354 1347, e-mail to ka.baird@xtra.co.nz

CONTEST

Two China Radio International T-shirts to be won!

Every African SW logging accepted in Bandwatch and heard during the Vacation BCL Contest 2002 period (July — August 31) puts you in the draw to win a colourful T-shirt from CRI.

We have 2 T-shirts. One for Bandwatch Under 9 and one for Bandwatch Over 9. To enter, you must be a current subscriber to either the e-DXT or the NZDXT at the time of your logging.

Just send details of your loggings to the Bandwatch editors. Remember, you can use the same loggings to enter the Vacation BCL Contest 2002 and win even more prizes. Have fun!

bandwatch.over9@radiodx.com

Compiled by Andy McQueen, Trentham, Upper Hutt

Hello from Trentham the New Zealand home of NRL team the Canterbury Bulldogs. A very special welcome to new members Ron Killick from Christchurch and Yasuaki Katagiri from Saitana Japan All times given are UTC.

kHZ	TIME	COUNTRY STATION & PGM DETAILS INITIALS
9385	1641	GUAM KSDA Good in EE with Id after Music 23/4 CC
9400	0200	BULGARIA R Bulgaria Fair in EE JSB
9505	1400	JAPAN NHK/R Japan Good in EE with News JSB
9525	2118	TURKEY VOT Fair in EE with local pop Mx Id & S/off 2121 6/4 KVB
9535	1825	CHINA CRI Good in RR with orchestral Mx Id at 1829 1831 Id in Mandarin Signal splashing over 9540 kHz 6/4 CRC
9565	2150	IRAN VOIRIB Fair in EE with Iran/Europe relations & Mx Id 2154 17/4 KVB
9570	2145	IRAN VOIRIB V/good in English 17/4 IC
9630	2038	SEYCHELLES BBCWS Fair in EE with Item on Palestine refugee areas Id 2041 13/4 KVB
9645	0758	BRAZIL R Bandeirantes Fair in PP with talk pgm // 11920 distorted 12/4 CC
9670	2221	SRI LANKA D/Welle Good in Indonesian & Grand Prix results Id @2224 26/4 KVB

9705	2108	THAILAND VOA Fair in EE Russian support for US Secretary Colin Powell in Israel 6/4 KVB
9710	0445	SPAIN REE Strong in SS Talk on obesity Id @0500 not // 9620 6/4 CRC
9737	0817	PARAGUAY R Nacional del Paraguay Fair in SS with L. Am Music Id at 0818 Distorted 12/4 CC
9760	1815	GREECE VOA Kavala Strong in EE Sports Nx Many Id's 6/4 CRC
9770	0250	SEYCHELLES BBCWS Fair in EE with item on 1st world with 3rd world in economics & marketing Id 0300 & S/off 13/4 CC
9795	0320	GT BRITAIN Wales Radio Int. Good in EE with publicity on Wales off 0230 27/4 CC
9800	0100	BULGARIA R Varna Fair in Bulgarian with Id & pop Mx 1/4 RAD
9830	1408	THAILAND R Thailand Fair with troublesome QRM in EE with talk on new industries 16/4 CC
9865	1130	RUSSIA RVI relay Good in EE with Music
9870	0303	CZECH REPUBLIC R Prague Good in EE with weather forecast & Id 27/4 CC
9875	0435	ITALY RAI Int. Opens in Italian with EE at 0435 //7235 16/4 IC
9970	0457	BELGIUM RTBF Wavre? a bit fluttery but mainly good in FF with contemporary Mx Time signal a't 0500 and Id 0501 then News 28/4 KVB
10320	0519	HAWAII AFRTS fair USB mode in EE with USA Sports Slight distortion 9/4 CC
11565	0710	HAWAII KWHR Good in EE with item on UN criminal court 18/4 GLR
11580	0100	PAKISTAN R Pakistan Poor in EE after Assami pgm 17/4 IC
11580	0645	USA WYFR Fair in EE with religion // 13695 10/4 GLR
11600	0700	CZECH REPUBLIC R Prague Good in EE with Id and Sports 16/4 GLR
11610	0650	SLOVAKIA? AWR Good with Id and AA pgm 15/4 GLR
11605	1900	ISRAEL Kol Israel Fair in EE with Id and News 10pm local time 6/4 KVB
11620	2025	INDIA AIR Good in EE with Id Frequency sked // 11715 Poor 24/4 GLR
11625	0650	VATICAN CITY Vatican Radio Good in EE with Id and Items about abducting kids in Sudan & sports. // 11740 10/4 & 29/4 GLR
11645	2230	NORWAY R Denmark Fair in Danish // 9925 better 27/4 IC
11655	0300	TURKEY VOT Good in EE with talk on Cypriots 9/5 JSB
11665	0715	HOLLAND R Nederland Good in Dutch // 9820 & 13700 11/4 GLR
11665	0330	AUSTRIA AWR Moosbrunn Opens in Farsi after EE Id 10/4 IC
11675	0725	NEW ZEALAND RNZI Fair in EE with talk on Maori language films 11/4 GLR
	0840	Good in EE with relay of National pgm 28/4 YK
11680	0745	ECUADOR HCJB Fair in EE with Listeners Letters //11755 13/4 GLR
11685	2300	Unknown Location BBCWS Fair in EE with News 18/4 GLR
11690	0740	CHILE Voz Christina Fair in SS with Latin Mx Id @ 0750 // 11745 11/4 GLR
11690	2310	FINLAND Scandinavian Weekend radio Weak with old time Johnny Cash tunes 5/4 JB
11695	0730	GERMANY D/Welle Good in GG with Talk about Taiwan //11795,11985 &13780 9/4 GLR
11695	2235	AUSTRALIA R Australia Good in Indonesian Id and EE/II lessons 17/4 GLR
11700	0620	FRANCE RFI Good in FF with Mx pgm 29/4 GLR
11710	0506	SOUTH AFRICA Channel Africa Fr/Good in EE in EE with News Id 0516 3/4 KVB

11730	0800	USA WHRA Good in EE with American religious pgm 17/4 GLR
11765	0600	SOUTH AFRICA? or Ascension Island BBCWS Strong in EE with World News 9/4 CRC
11765	0808 0810	ALASKA KNLS Strong in EE with Id and talk about science 8/4 CC Fair in EE with talk on Alaskan wild life QTH given as PO Box 99556 Anchorage Alaska 4/4 GLR
11785	2225	INDONESIA? V of Indonesia? (tentative) French pgm then into EE at 2230 to 2240 but punctuated and sometimes obliterated by teletype or utility Very Noisy 6/4 CRC
11790	0059	INDIA AIR Poor in EE with ethnic Mx and Nx Id at 0100 3/4 KVB
11880	2055	AUSTRALIA R Australia Fair in EE with Mx and talk pgm 24/4 GLR
11900	0620	GREECE V of Greece Good in Greek with Music & talk 7/4 GLR
11915	2100	GERMANY D/Welle Poor in EE with News 24/4 GLR
11925	0730	BRAZIL R Bandeirantes Fair in PP with talk pgm 16/4 GLR
11930	0805	NTH MARIANAS VOA Fair in EE with Nx and talk on sibling relationships // 13610 11/4 GLR
11970	0100	IRAN VOIRIB Opens in EE with Koran then News 1/4 RAD
11995	1600	GABON RFI Poor in EE JSB
12035	0740	REE Good in SS with talk pgm 18/4 GLR
12015	1000	MONGOLIA V of Mongolia Fair in EE with concert & opera Mx Id at S/on 1000 7/4 VB
12030	0325	ITALY RAI Int. V/god in Spanish S/off 0355 6/4 IC
12040	0340	UKRAINE R Ukraine Good in EE 6/4 GLR
12065	1001	RUSSIA R Nederland relay Good in EE item on murder in Holland 28/4 YK
12080	0750	AUSTRALIA R Australia With item on Maori language Id 0800 18/4 GLR
12095	0740	GT BRITAIN? BBCWS Fair in EE with item on how to keep a taxi running in Nairobi for 20 years in Nairobi 16/4 GLR
12690	0524	USA? AFRTS Weak in EE in USB mode with American speaker 9/4 CC
13570	0830	USA WINB Fair in EE with American religious pgm 9/4 GLR
13610	0805 0951	NTH MARIANAS VOA Tinan Good in EE with World News 9/4 GLR Good with Jazz pgm in EE Id 0955 28/4 YK
13640	1830	CANADA RTE via Sackville Goo with News racing & rugby scores JSB
13660	1317	AUSTRALIA Christian Voice Music then Id then Chuck Swindell preacher 26/4 CC
13670	0803 0805	SOUTH KOREA RKI Fair in EE with Korean News Some QRN 8/4 CC Fair in EE with World and Asian News 18/4 GLR
13685	1000	AUSTRALIA Voice International Opening in EE with freqs previews 3/4 JB
13730	0650	AUSTRIA R Austria Int. Poor in French with talk pgm 5/4 GLR
13820	0805	GERMANY R Croatia Id in RR then Croatian talk 16/4 GLR
15105	0600	SOUTH AFRICA AWR Meyerton Good in English 12/4 IC
15120	0455	NIGERIA V of Nigeria Fair in EE with distorted signal No sign of // on 7255 or 11770 Id at 0500 then news Better at 0600 9/4 CRC
	0458	Poor/fair with S/on and News at 0500 Angola grants amnesty to rebels 3/4 KVB
	0654	Fair in EE with Id Also heard at 0515 on 9/4 CC

15125	1020	INDONESIA RRI Good in Indonesian with Commentary & Instrumental Mx 28/4
15135	0941	CHINA CRI Good in Indonesian with world Nx then harp Mx Id 0945 7/4 KVB
15135	2100	RWANDA D/Welle Good in EE JSB
15160	1900	NEW ZEALAND RNZI Good in EE 28/4 JSB
15215	0845	AUSTRIA AWR relay Test transmission in EE with sermon in progress 0858 I/ sig and Id At 0900 obliterated by strong signal from CRI 8/4 CRC
15225	0600	RUSSIA R Rossi excellent in Russian Plenty of Id's and news with people and place names. Pgm with children at 0530 Closes 0700 1/4
15355	0311	OMAN R Sultanate of Oman Fair in EE with Holy Koran reading Id 0313 27/4 CC
15335	2100	AUSTRIA AWR Moosbrun V/good in English 14/4 IC
15400	2231	ASCENSION ISLAND BBCWS Good in EE with Outlook pgm Id 2238 9/4
15420	0300	SEYCHELLES BBCWS Excellent in EE with Id and News 1/4 RFK
15425	0250	SRI LANKA SLBC Good in EE with real 'Cowboy' music Pleasurable listening 1/4 RFK
15445	0700	SWITZERLAND SRI good in Italian with lively Mx Into EE at 0730 9/5 JSB
15470	0400	AUSTRIA AWR via Moosbrun Opens in AA after EE Id Good 6/4 IC
15565	0400	NETH ANTILLIES RVI via Bonaire V/good in English 15/4 IC
15580	0730	AUSTRALIA R Australia V/Strong in EE with Sports - NRL results Signed off with I/signal but no Id at 0759 21/4 CRC
15605	0750	GABON RFI relay Weak & Noisy in EE with FF lesson 8/4 CC
15620	1455	NEW ZEALAND R Democratic Voice of Burma via RNZI site Rangitaiki V/ strong in presumed Burmese 28/4 BDC
15625	0400	MOLDOVA? R Mezopatamyia Opens at V/good level with good Id's 12/4 IC
17485	1700	GERMANY D/Welle Good in Urdu and no sign of expected Prague JSB
17505	1700	NORWAY R Norway good in Norwegian and R Denmark at 1730 JSB
17505	1800	SWEDEN R Sweden Good in Swedish JSB All 3 Scandanavian stations in a row without changing frequencies JSB
17635	0500	RUSSIA VORWS Good in EE Problems with India v Pakistan 9/5 JSB
17690	2000	HUNGARY R Budapest Good in Hungarian 9/5 JSB
17750	0800	AUSTRALIA R Australia Good in EE with News - New refugee detention camp proposed for Brisbane? 21/4 CRC
17800	0900	MADAGASCAR D/Welle Good in EE at S/on and news in English 1/4 RFK
17835	0225	JAPAN NHK R Japan Poor in JJ better on //17875 or 21455 1/4 RFK
17845	2345	USA WYFR Fair with bright music and YL in SS 15/4 CC
17875	1430	AUSTRIA R Africa Int. V/good with pgm of African songs No announcements by 1500 27/4 IC
17885	1215	KUWAIT R Kuwait Good in AA with music & Holy Koran 28/4 YK
21470	0200	ECUADOR HCJB V/good in EE on this new channel for India ex 21455 1/4 RFK
21480	0450	RUMANIA RRI In EE with DX Mailbag pgm on Sundays V of Greece normally dominant on this channel but on this occasion 21/4 Bucharest was able to hold its own despite QRM BDC

21505	0814	SAUDI ARABIA BSKSA Fair in AA with talk pgm //21705 noisy with QRM 12/4 CC
21560	0859	RWANDA D/Welle S/on in EE with fair but fluttery signal Only heard on a good night 13/4 BDC
21580	0845	FRANCE RFI Fair in FF with commentary 28/4 YK
21640	0845	SRI LANKA D/Welle relay Good in GG religious Mx pgm Id 0858 28/4 YK
21660	0914	SINGAPORE BBCWS Good in EE with world & business News 28/4 YK
21740	0918	SEYCHELLES BBCWS Fair in EE with item on pros and cons of digital TV GB pushing for early switch off of Analog but situation described as shambles with too many admin bodies. Change from black & white took 20 years Id 0530 7/4 (You didn't mention the extra cost to the consumer? -Ed)
21745	0930	CZECH REPUBLIC R Prague Fair with I/sig Id in EE and other languages 26/4 CC
21755	0503	JAPAN NHK/R Japan V/good in EE with News Japan's Prime Minister leaving NZ 3/5 AMQ
21795	0545	THAILAND R Thailand Weak in EE with Thai business News 20/4 CC
21815	0258	COSTA RICA RFPI V/good in USB mode with prom's and Id 1/4 RFK

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 Thanks very much to all contributors for this month.

Logging Competition

The winning logging is: Ian Catermole with R Mezopatamyia 15625 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

AMQ Andy McQueen Trentham Upper Hutt Sony 6800W 30m long wire / BDC Bryan Clark Auckland + AOR7030/ CC Cliff Couch Paraparaumu Sangean ATS 803A with 60m horizontal loop/ CRC Colin Campbell Hamilton Panasonic DR 31 and 4 foot whip / GLR George Rolton Dunedin Realistic DX G5RV antenna with transmatch / 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?)/ JSB Jon Standing Bear Beaumont Ca USA / KVB Kelvin Brayshaw Levin Collins 51J4 and HF loop / RAD Richard D'Angelo Wyomissing Pa USA Drake R-8B, 500 foot wire essentially north, 100 foot wire essentially southeast and a Montgomery Active Antenna, Datong FL-3/ RFK Ron Killick Christchurch Sony ICF-6800 and 100m long wire DXing from Shag Valley East Otago. /YK Yasuaki Katagari Saitama Japan Icom r75 and HF150E with Small Loop and SA 7000 antenna



2002 Vacation BCL Contest: AFRICA

This competition is open to all NZRDXL members. Prizes include subscriptions to DX magazines such as *Popular Communications* and *Monitoring Times* as well as DX books and guides from the USA and Europe. It's simple: you get 1 point for a logging of each country made between July 1 and August 31, 2002. Just one logging of each country is needed.

Send your entries to Frank Parisot, 2002 Vacation BCL Contest, PO Box 6, 92173 Vanves Cedex, France. Email: frankparisot@hotmail.com and read more about the contest at the website: www.swlcontest.homestead.com as well as the list of winners from the 2001 Contest which featured Asia.

Hearing Africans in the Pacific

We've gone through all African loggings recorded in the *NZDXT* during 2000 and 2001, and brought them together in the following condensed listing. Some countries provide regular reception. Others have only been heard once or twice. You'll need to check current frequencies with the WRTH, Shortwave Report updates and other sources. However, this list should get you started.

There are two main African reception 'windows' and these are around 0500-0700 UTC especially for West Africans, and the main one of 1700-2100 UTC for nearly all parts of the continent. The Seychelles is best heard an hour or two before the 0500 window. South Africa provides a wider range of reception possibilities than most.

Algeria: Western Sahara National Radio, heard 0555-0730 (7460, 7470)

Angola: Radio Nacional de Angola, Mulvenos; 4950 (10kW), 7217v. (100kW), 11955 (100kW). Heard 2000-2115 UTC, and 0515 UTC (4950).

Ascension Island: BBC 6005 (0700), 15400, 17830; NHK/Radio Japan 17650; UN Radio 17735; VOA 17885. Mostly 250kW. Heard 1730-2030 UTC

Benin: ORTB Radio Benin, Parakou; 5020 (10kW). Heard 1900 UTC, 7210 0600

Botswana: Radio Botswana, Sebele; 4820 (50kW); VOA 3975, 4995, 7415, 12080, 13705, 15445. All 50kW. Heard 1720-1950 UTC and 0505-0540 UTC.

Burkina Faso: Radio Burkina, Ouagadougou; 4815 or 5030 (50kW). Heard 0600 & 1900 UTC.

Cameroon: CRTV National Service, Yaounde; 4850 (100kW). Heard 1900 UTC. (inactive?)

Central African Republic: RTC, Bangui 6100 (100kW). Heard 2000 UTC.

Chad: RNT, N'Djamena; 6165 (100kW). Heard 0700, 2210 UTC.

Congo Republic: RTVC, Brazzaville 5985 (100kW). Heard 0455 UTC and 1820-2030 UTC.

Egypt: Radio Cairo, Abis; 9475, 9890, 9900, 9990, 15115 (Abu Zaabal), 17595. All 250kW. Heard 1850-2135 UTC, 1215 UTC (17595), 0320 UTC (9475).

Equatorial Guinea: Radio Nacional de Guinea Ecuatorial, Bata; 5003v (50kW); Malabo 6250 (10kW); Radio Africa, Bata 15185 (50kW). Heard 1950-2030 UTC.

Eritrea: Voice of the Eritrean Broad Masses, Asmara; 7175 (100kW). Heard 1715 UTC.

Ethiopia: Radio Ethiopia National Service, Gedja; 7165 (100kW); Radio Ethiopia External Service; 5990, 7110, 9705v; Voice of Tigray Revolution, Tigray; 5500, 6315;

Gabon:	Radio Fana 6940. Powers unknown. Heard 1645-2000 UTC. Africa No.1, Moyabi; 15475 (500kW); Radio France International, Moyabi; 4890, 9845 (500kW); NHK/Radio Japan, Moyabi; 11915, 15475 (500kW). Heard 0440-0600 UTC and 1645-2045 UTC.
Ghana:	Ghana Broadcasting Corporation, Accra; 3366, 4915 (50kW), Heard 0530 & 1900 UTC.
Guinea:	RTV Guinea, Conakry; 7125v (18kW). Heard 0730 UTC.
Kenya:	Kenya Broadcasting Corporation, Nairobi; 4885, 4915 (100kW); Heard 1800 UTC.
Lesotho:	Lesotho NBS, Lancers Gap; 4800 (100kW); Heard 1920 UTC. Currently silent
Liberia:	ELWA, Monrovia; 4760 (10kW). Heard 0600 UTC.
Libya:	LJB, Tripoli/Sabrata; 15415 (500kW); Voice of Africa, Tripoli/Sabrata, 15435, 17725 (500kW). Heard 2015-2230 UTC.
Madagascar:	RTVM, Antannarivo; 3288, 5010v (100kW) closing at 1700; Radio Nether lands, Talata/Volondry, 6020, 9890, 15560 (300kW); AWR Voice of Hope, Talata/Volondry, 15320 (300kW); Voice of the People, 7120. Heard 0335-0430 UTC and 1430-1900 UTC.
Malawi:	Malawi Broadcasting Corporation, Limbe; 3380 (50kW), 5995v (10kW) 7130kHz. Heard 1800-1945 UTC.
Mali:	ORTM, Bamako; 4783, 4835, 5995. Mostly 100kW. Heard 0600 UTC and 1745-1930 UTC.
Mauritania:	Radio Mauritanie, Nouakchott; 4845 (100kW). Heard 0700 & 1900 UTC.
Morocco:	RTV Marocaine, Tangier; 15335, 15345 (100kW); Radio Mediterranee Internationale, Nador; 9575 (250kW); VOA Briech; 9600, 9655, 15240, 15410, 17895 (500kW). Heard 0500-0545 UTC (9575, 9655) and 1725-2030 UTC.
Mozambique:	Radio Mocambique, Maputo; 3210 (10kW). Heard 1855 UTC.
Namibia:	Namibian Broadcasting Corporation, Windhoek; 3270, 7175 (100kW). Heard 0600 UTC (7165) and 1830 UTC (3270).
Niger:	La Voix du Sahel, Niamey; 5020 (30/100kW). Heard 0600 & 1900 UTC.
Nigeria:	Federal Radio Corporation of Nigeria (FRCN), Lagos; 3326. FRCN Kaduna; 4770. V of Nigeria, heard 0550 UTC (7255 & 15120) and 1740-2100 UTC.
Rwanda:	Radio Rwanda, Kigali; 6055 (50kW); Deutsche Welle, Kigali; 15135, 15275, 15390 (250kW). Heard 1915-2215 UTC.
Sao Tome e Principe:	VOA, Pinheira; 4950, 4960, 6080 (500kW). Heard 0455-0510 UTC and 1905 UTC (4950).
Seychelles:	Far East Broadcasting Association (FEBA), Mahe; 11600, 11885, 15530 (100kW); BBC Indian Ocean Relay Station, Mahe; 15420 (250kW). Heard 0300-0450.
Sierra Leone:	SLBS, Goderich; 3316 (10kW). Heard 1910 UTC. UNAMSIL 6137v. 0630
Somalia:	R Gaalkayo, 7012; Radio Hargeisa, Hargeisa; 7530 (1kW); heard 1655-1930 UTC.
South Africa:	Radio Sonder Grense, Meyerton; 3320 (100kW); Channel Africa, Meyerton; 9650, 15125, 15215, 15420, 17770, 17780 (250/500kW); AWR Meyerton; 9745 (250/500kW); TWR Meyerton; 11640 (250/500kW); BBC Meyerton; 11765, 15420 (250/500kW); Radio Mirror International, 21530. Heard 0425-0800 UTC, 1320 UTC (17780), 1510 UTC (17770), and 1720-2030 UTC.

- Sudan:** Sudan National Broadcasting Corporation, Omdurman; 7200 (100kW). Heard 1800 UTC.
- Swaziland:** Trans World Radio, Mpangela Ranch; 3240, 4775 (100kW). Heard 0400 UTC (4775) and 1900 UTC (3200 & 3240).
- Tanzania:** Radio Tanzania-Dar-es-Salaam; 5050 (10kW), 5985 (100kW); Radio Tanzania- Zanzibar, Dole; 11734.1 (50kW). Heard 1855-1945 UTC.
- Togo:** Radio Togo, Lome; 5047 (50/100kW). Heard 0600 & 1750 UTC.
- Tunisia:** ERT Tunisienne, Sfax; 7110, 7475, 12005 (100kW). Heard 0400-0535 UTC and 1840 UTC (12005).
- Uganda:** Radio Uganda, Kampala; 4976 (10kW); 5026 (20kW). Heard 1750-1935.
- Zambia:** Zambia NBC, Lusaka; 6265, 6165 (50kW); Radio Christian Voice, Lusaka; 4965 (100kW). Heard 0500 & 1800-2015 UTC.
- Zimbabwe:** Zimbabwe Broadcasting Corporation, Gweru; 6045 (100kW). Heard 1900 UTC.

Other African countries

Eligible countries not heard in New Zealand during 2000/2001 are: Burundi, Comoros, Congo Kinshasa, Ivory Coast, Mauritius and St.Helena. Some of these simply don't broadcast on shortwave, although St.Helena has been heard with its one day special broadcasts from time to time. Ivory Coast has been heard in earlier years before recent coups destabilised this once flourishing state.

Comoros and Mauritius have been heard on MW in New Zealand, so some members may wish to attempt logging Africa on MW as a real challenge. It's not a total impossibility, as MW signals have been heard over the years from South Africa, Mozambique, Kenya, Tanzania, Ethiopia, Somalia, Egypt, Libya, Sudan, Tunisia, Morocco, Senegal and one or two others.

Australian DXers have heard other African MW signals as well, especially from southern and central African transmitters. Perhaps one of the greatest challenges is to hear West African MW signals, and these may prove best via the longpath over the Atlantic and via South America in the 0300-0800 period. Dakar in Senegal has been heard in this time window.

Tips for logging Africans are welcome over the coming months in *Talkback* so that everyone is ready during the winter months to hear as many Africans as possible. Some of the 'high-life' music programs make enjoyable listening, so if you've never really targeted African stations before, you may find some new favorites, and add to your countries heard totals. Good luck everyone.

David Ricquish. Wellington



SOUTH PACIFIC

AUSTRALIA:

New International Broadcaster for Australia.

As the World Beacon prepares to sign off, HCJB World Radio-Australia has announced that it has received approval to build a new international missionary shortwave station at Kununurra, Western Australia. The approval follows a five-year application and consultation process. Initially the local council opposed the application, but all its objections have been dealt with. Construction of the first stage of the project on 200 acres of donated land can now begin, with a projected on-air date of 22 December 2002. The station will initially use a 100 kW transmitter now being built at the HCJB World Radio Engineering Center in Elkhart, Indiana, USA. The curtain arrays will be beamed to parts of Asia and the South Pacific, with a total population of 3 billion. Programmes will initially be on the air in English for two blocks of five hours, with additional languages to be added later. An application has been submitted to build additional antennas on 2000 acres of Crown property adjoining the current site. (Radio Netherlands Media Network.)

NEW ZEALAND:

Democratic Voice of Burma Now Relayed from New Zealand

Bryan Clark reports: On the 22 April edition of Radio New Zealand International's *Mailbox* programme, Technical Manager Adrian Sainsbury confirmed that the Democratic Voice of Burma (DVB) is now broadcasting via RNZI's 100kW transmitter at Rangataiki in the centre of the North Island. DVB had first approached RNZI in November 2001 regarding the hiring of airtime during RNZI's overnight silent period. Test transmissions were made in December and January, and since 15 March 2002, DVB has been relayed on a regular basis. The schedule is 1430-1530 UTC on 15620kHz. Programmes originate from the DVB studios in Oslo, Norway. Adrian Sainsbury notes that this is not the first time that the RNZI transmitter has been hired out to other organisations. The BBC was relayed in the 1100-1200 UTC period for many years, and more recently the NZ Defence Forces Radio. From monitoring in Thailand, the reception in the target area of the relay from New Zealand should be very good. © Radio Netherlands Media Network.

PAPUA NEW GUINEA.

Possible New Shortwave Broadcaster in Papua New Guinea

4 April 2002 A new Christian radio station that recently opened in Papua New Guinea has permission to broadcast on shortwave with a power of 100 kW. A team of engineers led by Sam Rowley from the HCJB World Radio Engineering Center in the USA recently travelled to Port Moresby to complete installation of Wantok Radio Light, the city's first Christian FM station. It will become the hub for the Papua New Guinea Christian Broadcasting Network, a satellite radio network being established through a cooperative effort involving HCJB World Radio and three partner organizations. The shortwave broadcasts will reach not only remote, rugged areas of Papua New Guinea, but the entire region. Other stations are being planned for Vanuatu and the Solomon Islands.. (Radio Netherlands Media Network.)

REST OF WORLD

BELGIUM: New schedule of TDP arranged broadcasters.

DX-Antwerp. May 25 only.	0800-0900.	9945.	17785.	Dutch.	Saturday.
Que Huong Radio.	1300-1400.	9930.		Vietnamese.	Daily ex Sunday.
Voice Khmer Kampuchea.	1400-1500.	15690.		Khmer.	Tuesday.
Netsanet Le Ethiopia Radio.	1700-1800.	12110.		Amharic.	Wednesday/Sunday.
Dejen Radio.	1700-1800.	12110.		Tigrigna.	Saturday.
Sagalee Oromiyaa.	1730-1800.	12110.		Oromo.	Monday/Thursday.
Voice Biafra Int.	1900-2000.	12125.		Igbo.	Saturday.
Tomorrows News Today.	2000-2030.	7590.		English.	Weekdays only.
Eurosonor Radio.	2000-2100.	7590.		German.	Saturday.
Fang Guang Ming Radio.	2100-2200.	5925.		Chinese.	Daily.
	2100-2200.	9945.		Chinese.	Daily.
Radio Ezra.	2330-0000.	17665.		English.	Saturday.
Denge Mezopotamya	0400-1200.	15675.		Kurdish.	Daily
	1200-1600.	11530.		Kurdish.	Daily.

Ludo Maes advises that it is not their policy to divulge transmitter sites but it thought that these broadcasts are from Moldova. Address for reports is: TDP, c/- Ludo Maes, P.O. Box 1, 2310 Rijkevorsel, Belgium. (TDP)

This just to hand from Ludo Maes Jakada Radio International is a commercial radio station that starts broadcasting on shortwave on May 1, 2002. Initially, broadcasts will take place on Monday, Wednesday and Friday from 1900 to 1930 UTC on 12125 kHz. A link to the web site of Jakada Radio International with more background information can be found on the TDP Shortwave Transmitter Airtime web site at <http://www.airtime.be> (TDP Mailing List, Belgium, April 30, 2002).

Jakada Radio International is a commercial radio station that starts broadcasting on shortwave on May 1, 2002. Initially, broadcasts will take place on Monday, Wednesday and Friday from 1900 to 1930 UTC on 12125 kHz (Maes TDP April 30) Jakada Radio International (JRI) is owned by Oscar Mariano Benjy Inc., a legally registered media company in Europe with offices in London, Madrid and Frankfurt. It is made up of international broadcasters and broadcast investors led by a distinguished Nigerian international broadcaster and Diplomat, Ambassador Yaro Yusufu Mamman. Jakada Radio International is registered with all the relevant Broadcasting Bodies in the world and has fulfilled all the requirements for the issuance of Short-wave Broadcasting License. JRI has a pool of international correspondents around the globe with Bureaus in Frankfurt, Cairo, Accra, Washington and Harare. We will start a daily broadcast to Africa, however, we are now on test transmission three times a week from 8.00 to 8.30p.m. Nigerian time, 1900 to 1930 UTC, Frequency 12125 KHZ (24.74 metres in the 25 metre band). The program will start on 1 May 2002 and will be broadcast every Monday, Wednesday and Friday.

Jakada Radio International is a non-religious, non-political, commercial radio station. It does not represent any political or ideological tendencies or manifestations. We are committed to fundamental human rights, democracy, rule of law and pluralism. Although African in perspective, we are global in our belief and committed to the highest level of radio broadcast professionalism and ethics. We have a team of some of the best Africans, Africans in diaspora

and others in radio journalism.

Our objective is to air views and opinions that will advance peaceful co-existence among people and NOT to preach hate or promote views and opinions that undermine peaceful co-existence and public peace. As professionals, our team will endeavour to accommodate and give balance, report and account at all times. Our listeners have right of reply, but the station reserves the right to reject comments or expressions inciting violence or that fall short of acceptable language.

We will provide you with News, Sports and interviews across the African continent and beyond. Another area that JRI will also promote is the situation of women and children in Africa. Additionally, we are committed to public awareness on the scourge of HIV/AIDS in the continent of Africa, and the environment.

Finally, we would like to always have the comments and views of our listeners on all aspects of the programme aired. Please send us your letters by e-mail to: jakint2002@yahoo.com From http://www.geocities.com/nac6015/Jakada/jakada_radio.html (this is via the CIS, based on the frequency and other TDP clients. Interesting website with great descriptions of the various journalists involved in the project.

LATIN CORNER.

ECUADOR: From a listener in Quito via Cumbre Dx comes interesting information of SW transmissions of MW/FM Ecuadorian stations.

Radio Cosmopolita is a MW station in Quito on 960khz. Radio Chimborazo is a FM station in Riobamba, capital of the province of Chimborazo on 98.1.

Both these stations are broadcasting simultaneously on USB 5900khz in Quichua.

Technical chief, Sr. Alejandro Yautibug at Radio Cosmopolita advises that these transmissions are not intended for the public but function as a link between Quito and Riobamba as that region has a heavy Indian population.. He also advises that soon there will be a third station involved, Radio Filadefia in Guayaquil, MW 1170khz. This means that it will be possible to hear three stations simultaneously on 5900 and 5905khz. Power is .2KW and on USB these could possibly be heard here in NZ.

All three stations are run/hired by the Indian Evangelic Movement. Currently they have an application in to start real SW transmissions in AM and frequency will be around 4000-4015khz. to service the Indian population throughout Ecuador. Power will be considerably higher for these transmissions. For Latin enthusiasts these are a distinct possibility here I would think. Unfortunately no times are mentioned. (Cattermole)

PERU: Radio LTC, Peru, moving to 5005v kHz

Radio LTC, Juliaca, heard on new 5005 kHz at 0012 on 4 April 2002 with the program "Noticias LTC". Gives ID as "Radio LTC desde Juliaca... LTC, tres frecuencias, una sola seOal" This station has earlier been heard on 5032 and 6011 kHz. **Radio LTC** heard with fair signal on 5005.28 kHz on 5 April 2002 with "LTC Noticias" at 1003. Many ids and station promos. (HCDX)

PERU: PERU 5387.76 Radio Manantial , Otuzco, la provincia de Otuzco, el departamento de La Libertad (Peru).. New Peruvian! It took exactly 20 days of intense listening to catch an ID of this new, religious station. Henrik's suggestion with the name "Manantial" helped a lot when finally the station came up with a signal strength good enough for an ID April 28, ie this morning: "Est-n en sintonía de su nueva estación Radio Manantial desde Otuzco, el

departamento de La Libertad". Sometimes also gives ID as "Radio Manantial....." plus something I catch as ".....de Vida". The DJ of station is absolutely delirious in his head - gives exact time on the "minute" but often mixes different time zones.

I have heard px from "Maranatha" and "LV de la Salvaci n". At other times their own programmes, often religious music. I think you can reach the station by writing to "Maranatha" in the town "Otuzco". Closes pretty regularly at about 0100 UTC and begins at 1000-1100 UTC. Info from "Ventanaper": Provincia de Otuzco, cuya capital es Otuzco.

Sus distritos son: Agallpampa, Charat, Huaranchal, La Cuesta, Lucma, Mache, Marmot, Otuzco, Paranday, Salpo, Sinsicap, Usquil; con una poblaci n total de 117,670 hab. (Malm Apr 28 via Nilsson SWB)

New Latin station on 5387.7 kHz

A new Latin American radio station, with unknown location, has been heard on 5387.72 kHz. The station was first heard on 8 April 2002 until 0050, its first day of transmission. They repeated it was a new station, with an ID like: "Est-n en sintonia de su Radio "Marancay." [name as heard]. It carried a religious format, with long blocks of unannounced religious music without any talk and short and small "sermons" by male announcer. Announces the frequency as 5910 kHz and a starting time of 1100 UTC, and it closes around 0200.

When not broadcasting purchased religious programs, like "La Voz de la Salvaci n" and "Radio Universal de Vida", it is mostly playing nonstop religious music.

I know that the station is located in a "departamento" and in that case both Ecuador and Bolivia are out of the question. (HCDX)

NOTE: See previous article. Ed.

SIERRA LEONE As part of its support to the electoral process in Sierra Leone and to ensure a level playing field necessary for free and fair elections, the Public Information Section of the UN Mission in Sierra Leone (UNAMSIL) invites all Presidential candidates to discuss their election platforms live on Radio UNAMSIL (FM103 and SW6140 khz).

A special one-hour programme, "Time with the Candidates," will begin airing on Monday, 29 April at 19.30 hrs (7:30 pm). Each candidate will be offered one full hour to be interviewed on his/her party manifesto in UNAMSIL's Radio City studio at the Mammy Yoko Hotel. (UNAMSIL press release via Eramo)

NETHERLANDS ANTILLES: DRM Frequency Change.]

Since 24 April 2002, Bonaire is using **11975** kHz instead of 9605 kHz at 0501-0558 UTC for tests to the Pacific until 15 May 2002.

(RN News Media)

SIERRA LEONE: 6137.84 SIERRA LEONE Radio UNAMSIL 0635 phone in show in English, deep voiced African-accented announcer IDing as "Radio UNAMSIL" (sounds kind of like "Radio National", but digital processing revealed it to be UNAMSIL) before each phone call, "You're listening to The Hotline on Radio UNAMSIL", African-accented callers on the phone, time check @ 0650 for "ten minutes to seven", which matches the time in Freetown.

Graham Powell on IRC channel #swl found this press release from yesterday on the UN site

that might explain why we're hearing this station now:

U N I T E D N A T I O N S. UNITED NATIONS MISSION IN SIERRA LEONE (UNAMSIL) Press Release 19 April 2002

UNAMSIL PUBLIC INFORMATION SECTION LAUNCHES EXPANDED ELECTIONS COVERAGE AND OUTREACH.

Freetown - The Public Information Section of the UN Mission in Sierra Leone, on Monday, 22 April, will launch a series of radio programmes and public outreach efforts to sensitize the population about the upcoming elections.

Starting on Monday, Radio UNAMSIL, on FM 103 and SW 6140 khz, will launch "Election Watch," a programme that will air Mondays through Fridays from 7:30 to 10:30 am, and will cover electoral activities around the country, supply public education on the issues and provide all political parties with an equal chance to air their platforms.

Programming will also devote core time to electoral issues of concern to vulnerable groups, i.e. handicapped, internally displaced persons, women and children. Two presidential debates will be organized and aired by Radio UNAMSIL in collaboration with the Sierra Leone Broadcasting Service and other stakeholders on 29 April and 3 May. Radio UNAMSIL will provide live coverage from around the country on 14 May, Election Day itself, up to the announcement of final results. The Section's Community Liaison Unit will continue ongoing voter education throughout the country in accordance with NEC supplied information. Starting on 23 April, its performing artists will undertake a nation-wide tour in all districts at the chiefdom level to disseminate information on the elections. A Command Performance will be held at the Lagunda Theatre in Freetown on 30 April, the theme of which will be free and fair elections. The performance will be adapted for radio and broadcast nationwide, as well as performed at all UNAMSIL Sector Headquarters. The Video Unit will continue collaborating with SLBS on the popular "Kapu Sens" programme and is producing public service announcements to be aired on the network. UNAMSIL Headquarters, Mammy Yoko, P. O. Box 5, Freetown, Sierra Leone Tel: 232-22-273-183/4/5 Fax: 232-22-273-189 (CUMBRE DX)

SOUTH AFRICA: R-dio Ecclesia from South Africa

R-dio Ecclesia has started a new service from South Africa on Monday 15 April, 2002. The frequency used is 6100 kHz, with 250 kW. The station is transmitting from the Meyerton Radio Station in South Africa.

R-dio Ecclesia, owned by the Catholic Church in Angola, has earlier been banned from broadcasting from locations within Angola. It has then rented hours in the Netherlands, and now South Africa. (HCDX)

UNITED KINGDOM. BBC World Service Audience Shows Small Decline 16 April 2002.

The BBC World Service has published its estimate of global listening in all languages for 2002. This shows a 3% decrease on the figure for 2001, and its weekly reach now stands at exactly 150 million. Much of the loss is attributed to a drop in the number of shortwave listeners in India, where there has been a dramatic fall in radio listening in general. The global audience for BBC World Service in English remains steady at 42 million.

According to the BBC, audiences in Australia doubled to 1.9 million, and audiences in the USA are at their highest level ever - up by 25% from 2.3 million to 2.9 million. Significantly, these were the two areas to which the BBC discontinued shortwave broadcasts on 1 July

2001. However, the BBC says that over two thirds of its weekly audience (115 million) still listen by shortwave. It continues to invest in this area, and a new transmitter site in Oman is on schedule to become operational in the autumn.

Andy Sennitt comments: The details released by the BBC are bound to renew the debate over whether it was right to drop shortwave to North America and Australia. Clearly, on the basis of the published figures, the decision appears justified. The problem is that the figures alone don't tell the whole story. In its measurements, the BBC appears to make no distinction between someone who listens once a week to a nine minute BBC news bulletin relayed by a local public broadcaster, and someone who is committed to listening to a wide range of BBC output for several hours a day. The Coalition to Save the BBC World Service has repeatedly made this point over the last nine months.

The other factor which is not covered by naked statistics is the quality of the listening experience. Analogue shortwave is not a perfect medium, but it is inherently more reliable than temperamental Web servers that can't cope with demand every time there's a big story. Broadcasters can boast about how many people were connected - but what they don't mention is the frustration experienced by the many more who tried and failed to listen online. Many people were glad to have shortwave as a backup when they were unable to listen via the Web. That option having been removed, a lot of potential listening hours have been lost. It remains the policy of Radio Netherlands to offer our listeners a choice of programme delivery methods within the constraints of our resources. Our decision to take over some of the shortwave airtime relinquished by the BBC last July has enabled us to offer our North American audience a choice of listening in the morning or evening, and provides improved news and current affairs coverage to an audience hungry for a European perspective on the day's events. (Radio Netherlands Media Network.)

USA: Papers were signed and money changed hands yesterday April 25th. and as of 9:00 AM this morning WJCR became the property of Word Broadcasting, WJIE !

First broadcast day under new ownership is sked for Sunday the 28th. but may be sooner if I can get the 7490 transmitter back up to full power tomorrow ! They plan on using only the 7490 frequency initially. May put 13595 back on using the old 270 degree antenna later in the season. They have not as yet gotten any means of program delivery established between their studios in Louisville and the transmitter site in Upton. They had been talking about an ISDN or maybe a Switch-56 landline interconnect because the 68 mile long path was too much for a microwave STL link. (CUMBRE)

YUGOSLAVIA: RADIO YUGOSLAVIA. Programme Schedule. Period 1430 UTC 8 April 2002 to 1330 UTC 27 October 2002.

0000-0030 ENGLISH 9580.	0030-0100 SERBIAN 9580.	0430-0500 ENGLISH 9580
1430-1500 ARABIC 11800.	1500-1530 RUSSIAN 11870.	1530-1545 HUNGARIAN 6100
1545-1600 GREEK 6100.	1600-1630 FRENCH 9620.	1630-1700 GERMAN 9620
1700-1715 ALBANIAN 6100.	1715-1730 BULGARIAN 6100.	1730-1800 ITALIAN 9620
1800-1830 RUSSIAN 6100.	1830-1900 ENGLISH 6100.	1900-1930 SPANISH 7200
1930-2000 SERBIAN 6100 (Except Saturday)	2000-2030 GERMAN 6100 (Except Saturday)	
1930-2030 SERBIAN 6100 (spec.) (Sat. only)		
2030-2100 FRENCH 6100.	2100-2130 ENGLISH 6100.	2130-2200 SERBIAN 7230
2130-2230 SERBIAN 7230 (spec.) (Sat. only)	2200-2230 ENGLISH 7230 (Except Saturday).	

2230-2300 CHINESE 9580. 2300-2330 SPANISH 9680
2330-2400 SERBIAN 9580 (Except Sunday) 2330-0030 SERBIAN 9580 (spec.) (Sun. only)
(GRDXC)

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

FREQ.	Time.	Station	Country.	Days.	Language
9550.00	0000-0027	CHINA RADIO International	CHINA	1234567	Hakka
9550.00	0000-0030	Radio HABANA CUBA	CUBA	1234567	French
9550.00	0030-0057	CHINA RADIO International	CHINA	1234567	Chaozhou
9550.00	0030-0100	Radio HABANA CUBA	CUBA	1234567	French
9550.00	0100-0130	Radio HABANA CUBA	CUBA	1234567	Creole
9550.00	0130-0200	Radio HABANA CUBA	CUBA	1234567	French
9550.00	0200-0500	Radio HABANA CUBA	CUBA	1234567	Spanish
9550.00	0500-0700	Radio HABANA CUBA	CUBA	1234567	English
9550.00	0600-0620	Radio ROMANIA International	ROMANIA	1234567	French
9550.00	0620-0637	Radio ROMANIA International	ROMANIA	1234567	German
9550.00	0637-0656	Radio ROMANIA International	ROMANIA	1234567	English
9550.00	0700-0200	Radio Rio Grande do Sul	BRAZIL	1234567	Portuguese
9550.00	0800-1100	WYFR OKEECHOBEE	USA	1234567	Spanish
9550.00	0900-0957	CHINA RADIO International	CHINA	1234567	Mandarin
9550.00	1100-1157	CHINA RADIO International	CHINA	1234567	Vietnamese
9550.00	1200-1257	CHINA RADIO International	CHINA	1234567	Vietnamese
9550.00	1200-1400	Radio HABANA CUBA	CUBA	1234567	Spanish
9550.00	1230-1300	Radio BANGLADESH	BANGLADESH	1234567	English
9550.00	1300-1357	CHINA RADIO International	CHINA	1234567	Vietnamese
9550.00	1315-1345	Radio BANGLADESH	BANGLADESH	1234567	Nepali
9550.00	1400-1430	Radio BANGLADESH	BANGLADESH	1234567	Urdu
9550.00	1400-1457	CHINA RADIO International	CHINA	1234567	Vietnamese
9550.00	1500-1557	CHINA RADIO International	CHINA	1234567	Vietnamese
9550.00	1515-1545	Radio BANGLADESH	BANGLADESH	1234567	Hindi
9550.00	1600-1630	Radio BANGLADESH	BANGLADESH	1234567	Arabic
9550.00	1600-1730	VOIRI TEHRAN	IRAN	1234567	Turkish
9550.00	1630-1730	Radio BANGLADESH	BANGLADESH	1234567	Bengali
9550.00	1745-1815	Radio BANGLADESH	BANGLADESH	1234567	English
9550.00	1800-1827	CHINA RADIO International	CHINA	1234567	Farsi
9550.00	1815-1900	Radio BANGLADESH	BANGLADESH	1234567	English
9550.00	1830-1857	CHINA RADIO International	CHINA	1234567	Farsi
9550.00	1900-2000	VOICE OF AMERICA	GERMANY	.23456.	English
9550.00	1915-2000	Radio BANGLADESH	BANGLADESH	1234567	Bengali
9550.00	2100-2127	CHINA RADIO International	CHINA	1234567	Serbian / Croatian
9550.00	2130-2200	Radio HABANA CUBA	CUBA	1234567	Creole
9550.00	2200-2230	Radio HABANA CUBA	CUBA	1234567	French
9550.00	2230-2327	CHINA RADIO International	CHINA	1234567	Mandarin
9550.00	2230-2330	Radio HABANA CUBA	CUBA	1234567	English
9550.00	2330-2357	CHINA RADIO International	CHINA	1234567	Cantonese
9550.00	2330-2359	Radio HABANA CUBA	CUBA	1234567	Creole

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, ZLIGYM (yuri@win.co.nz <http://www.linradio.com/sources.htm>)

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

Time (UTC)	Frequencies (kHz)	Station Name	Station Country	Log Date	DXer Name
0059-0100	11790p	AIR	INDIA	3/4	KVB
0100	11580p	R Pakistan	PAKISTAN	17/4	IC
0100	11970	VOIRIB	IRAN	1/4	RAD
0200	9400f	R Bulgaria	BULGARIA	-	JSB
0200	21470g	HCJB	ECUADOR	1/4	RFK
0250	15425g	SLBC	SRI LANKA	1/4	RFK
0250-0300	9770f	BBCWS	UK	13/4	CC
0300	11655g	VOT	TURKEY	9/5	JSB
0300	15420e	BBCWS	UK	1/4	RFK
0303	5970p	R Minsk	BELARUS	16/3	RAD
0303	9870g	R Prague	CZECH REPUBLIC	27/4	CC
0311-0313	15355f	R Sultanate of Oman	OMAN	27/4	CC
0320	9795g	Wales Radio Int	UK	27/4	CC
0340	12040g	R Ukraine	UKRAINE	6/4	GLR
0400	15565g	RVI	BELGUIM	15/4	IC
0420	4960f	VOA	USA	6/4	RAD
0430	7120e	BBC	UK	17/4	IC
0435	7235:9875	RAI Int	ITALY	16/4	IC
0445	7235e:9875	RAI	ITALY	16/4	IC
0450	21480	RRI	ROMANIA	21/4	BDC
0455-0600	15120f	V of Nigeria	NIGERIA	9/4	CRC
0500	15120f	V of Nigeria	NIGERIA	3/4	KVB
0500	17635g	VORWS	RUSSIA	9/5	JSB
0503	21755g	NHK/R Japan	JAPAN	3/5	AMQ
0506-0516	11710g	Channel Africa	SOUTH AFRICA	3/4	KVB
0510	7250g	R Vatican	VATICAN	9/4	CC
0519	10320(USB)f	AFRTS	USA	9/4	CC
0524	12690(USB)p	AFRTS	USA	9/4	CC
0529	7230g	R Japan	JAPAN	2/4	CC
0545	21795p	R Thailand	THAILAND	20/4	CC
0557	6155f:13730	R Austria Int	AUSTRIA	20/4	CC
0600	11765e	BBCWS	UK	9/4	CRC
0600	15105g	AWR	SOUTH AFRICA?	12/4	IC
0630	3210g	WWCR	USA	30/3	RFK
0630	7230f	NHK/R Japan	JAPAN	23/4	IC

0645	11580g:13695	WYFR	USA	10/4	GLR
0650	11625g:11740	Vatican Radio	VATICAN CITY	10&29/4	GLR
0654	15120f	V of Nigeria	NIGERIA	9/4	CC
0700	11600g	R Prague	CZECH REPUBLIC	16/4	GLR
0705	5975g	High Adventure Radio	GERMANY?	29/3	RFK
0710	11565g	KWHR	HAWAII	18/4	GLR
0711-0713	5950g	R Taipei Int	TAIWAN	4/4	CC
0718	5975f	High Adventure Radio	GERMANY?	4/4	CC
0725	11675f	RNZI	NEW ZEALAND	11/4	GLR
0730	15445g	SRI	SWITZERLAND	9/5	JSB
0730-0759	15580e	R Australia	AUSTRALIA	21/4	CRC
0740	12095f	BBCWS	UK	16/4	GLR
0745	11680f:11755	HCJB	ECUADOR	13/4	GLR
0750	5030g	University Network	COSTA RICA	3/4	IC
0750	15605p	RFI	FRANCE	8/4	CC
0750-0800	12080	R Australia	AUSTRALIA	18/4	GLR
0800	3235f	R East Sepik	PNG	3/4	IC
0800	4835g	ABC	AUSTRALIA	3/4	IC
0800	11730g	WHRA	USA	17/4	GLR
0800	17750g	R Australia	AUSTRALIA	21/4	CRC
0803	13670f	RKI	SOUTH KOREA	8/4	CC
0805	11930f:13610	VOA	USA	11/4	GLR
0805	13610g	VOA	USA	9/4	GLR
0805	13670f	RKI	SOUTH KOREA	18/4	GLR
0808	11765e	KNLS	ALASKA	8/4	CC
0810	11765f	KNLS	ALASKA	4/4	GLR
0830	13570f	WINB	USA	9/4	GLR
0831	6350(USB)f	AFN	USA	20/3	RAD
0840	11675g	RNZI	NEW ZEALAND	28/4	YK
0845-0900	15215	AWR	AUSTRIA?	8/4	CRC
0850	2485f	ABC	AUSTRALIA	3/4	IC
0859	21560f	D/Welle	GERMANY	13/4	BDC
0900	3245g	R Gulf	PNG	3/4	IC
0900	17800g	D/Welle	GERMANY	1/4	RFK
0914	21660g	BBCWS	UK	28/4	YK
0918	21740f	BBCWS	UK	7/4	?
0925	7445(USB)	RFPI	COSTA RICA	26/4	CC
0930	21745f	R Prague	CZECH REPUBLIC	26/4	CC
0951-0955	13610g	VOA	USA	28/4	YK
1000	12015f	V of Mongolia	MONGOLIA	7/4	VB
1000	13685	Voice International?	AUSTRALIA?	3/4	JB
1001	12065g	R Nederland	NETHERLANDS	28/4	YK
1130	6020g	R Australia	AUSTRALIA	18/4	KAB
1130	9865g	RVI	BELGIUM	-	?

1200	7130e	RTI	TAIWAN	22/4	JSB
1310	5995f	R Australia	AUSTRALIA	26/4	KAB
1317	13660	Christian Voice	AUSTRALIA?	26/4	CC
1326	7505f:9335f:11335f:11710p	V of Korea	ANTH KOREA	26/4	CC
1328	2310p	Alice Springs	AUSTRALIA	28/4	KAB
1400	9505g	NHK/R Japan	JAPAN	-	JSB
1408	9830f	R Thailand	THAILAND	16/4	CC
1600	11995p	RFI	FRANCE	-	JSB
1641	9385g	KSDA	GUAM	23/4	CC
1735-1900	3200f	TWR	SWAZILAND	31/3	RFK
1800-1900	5020	SIBC	SOLOMON IS	5/4	CRC
1815	9760e	VOA	USA	6/4	CRC
1817	3215g	SARL	STH AFRICA	1/4	RFK
1830	3230g	Africa Beacon	STH AFRICA	31/3	RFK
1830	13640	RTE	CANADA?		JSB
1837	3366p	GBC	GHANA	30/3	RFK
1856	3255g	BBC	UK	31/3	RFK
1900	7160f	R Thailand	THAILAND	16/4	KAB
1900	11605f	Kol Israel	ISRAEL	6/4	KVB
1900	15160g	RNZI	NEW ZEALAND	28/4	JSB
1910	6020p:13700g	RN	NETHERLANDS	18/4	KAB
1910	6195f	BBC WS	UK	21/4	KAB
1930	6065f	R Sweden	SWEDEN	16/4	KAB
2025	11715p:11620g	AIR	INDIA	24/4	GLR
2038-2041	9630f	BBCWS	UK	13/4	KVB
2055	11880f	R Australia	AUSTRALIA	24/4	GLR
2100	11915p	D/Welle	GERMANY	24/4	GLR
2100	15135g	D/Welle	GERMANY	-	JSB
2100	15335g	AWR	AUSTRIA?	14/4	IC
2108	9705f	VOA	USA	6/4	KVB
2118-2121	9525f	VOT	TURKEY	6/4	KVB
2145	9570g	VOIRIB	IRAN	17/4	IC
2150-2154	9565f	VOIRIB	IRAN	17/4	KVB
2225-2240	11785	V of Indonesia	INDONESIA	6/4	CRC
2231-2238	15400g	BBCWS	UK	9/4	?
2300	11685f	BBCWS	UK	18/4	GLR



Continuing on from the narrative in March magazine the main routes for aircraft inter-nationally consist of airways (below 24,500 feet approximately FL 245) and upper air routes (above FL 245). In both cases the routes follow straight lines between navigation beacons or reporting points. (Also known as Waypoints). Upper air routes do not have defined widths since all airspace above FL 245 is under control. Below FL 245, however, the airways all extend at least five nautical miles either side of the centreline. The airspace is uncontrolled outside these limits (Handbook Air Traffic Control)

Easyjet, the British airline operating out of Luton airport and which featured in a television programme recently, is aiming to become a major player in Europe, rivalling Ryanair and posing a greater threat to British Airways. The airline operates 35 aircraft and flies to 45 destinations. (BBC world news)

2033	0700	Base 33/Bush Gully. Movement of sheep fence construction	NM
2201	1000	Melbourne radio VIM with WX for Eastern coast	NM
2348	0715	EC 41 calls to field parties in Ureweras with WX	NM
2598	0839	VON Newfoundland with WX for Grand Banks and ice reports	NM
2863	1400	Honolulu Volmet	NM
3336	0746	ZKMM03/ZKMM Base PP to Easy Harbour Stewart Island moving North dependent on weather	NM
3485	1010	New York Volmet for New York Boston and Newark	EM
4483	1010	Tasman radio WX Tasmanian coast for vessels Maryano and Twilight Express	NM
5473	0556	Unid discussion on aerial on Reefon	NM
5532	1907	Springbok Johannesburg/Springbok 226 with major delay	LHR NM
5628	0934	San Francisco/Unid	EM
5643	1010	Brisbane/Qantas 65 FL 330 33 S at 1039 continue with Auckland at Durax	EM
5643	1010	Brisbane/NZ 144 FL 370 at 1033 Wind 310/70	EM
5643	0945	NZ 136/Brisbane Maintain not below FL 180	EM
5643	0949	Pacific 931/Nadi	EM
5680	0520	Tauranga Base Team One to contact Team B to get them back on track with other team to remain with injured party	NM
6215	1025	Madang Coast calls New Guinea but no reply	JC
6637	0845	Miami/Big A302 departed Anchorage ETA Miami 1040 Pilot is A 702 Relay to Cedar Rapids (Arrow Airways)	NM
6637	0941	Houston/World 541 for Company Landed Santiago Chile Landing pilot B 214	NM
6640	1002	San Francisco/United 842 PP Sam 8189 Recurring chronic problem with cct breakers Have lost Satcoms Have tried to reset and still can't log on the system which was checked in Auckland and worked OK on the ground	NM

6649	0649	Panama/Del Peru 611 SC ABPS NM
6679	1145	Hong Kong Volmet NM
7465	0900	UK 578/UK 574 Prayer meeting about drought tomorrow night Frequency allocated to Royal Flying Doctor Service Queensland NM
8837	2004	Frequency active with aircraft calling in Allocated to El Al NM
8855	2015	Piarco/Air Transport 401 and Springbok calling but weak JC
8855	0538	Maiquetia/American 905 with position but stepped on by World 101 at 14 N 40 W JC
8855	1023	Belem/United 831 requesting FL 370 JC
8861	1207	Moresby/Mike 901 SC JMHP (Continental Airways) NM
8861	0825	Sal/Springbok 211 Posn and SC MPAS NM
8879	2050	Reach 1187/Bombay BJ
8879	2141	Mauritius/Malaysia 292 BJ
8894	0542	Algiers/Argentine 1142 Posn Tamanrasset heard in hash JC
8894	0548	Niamey/Sudan 824 requesting FL 260 due technical problem JC
8894	0443	Niamey/MKA 103 Posn (MK Air Cargo UK) JC
8894	0510	Algiers/Springbok 220 Posn JC
8894	0515	Niamey/Nigerian 805 B 747 Posn JC
8903	0540	World 100 calls Kano then works NiDjamaena for Kano WX JC
8903	0540	World 100 calls Accra and Kano then works Luanda JC
8903	0540	MKA 103 calls Niamey then works Kano JC
8903	0540	Accra calls World 100 but no reply JC
8903	0936	Unid/Tokyo Call Control 133.5 EM
8906	0835	American 68/Santa Maria Posn EM
8906	0804	Ascot 5967/Santa Maria EM
8930	1930	Stockholm/World 78 F L 330 ETA Dubai 2049 JC
8930	2000	Stockholm/Giant 6137 Message to Atlas Air New York ATD Dubai 2049 ETA Kuala Lumpur 0212 JC
8930	2005	Stockholm/Giant 8801 Passed Da Nang 2004 ETA Hong Kong 2130 Relay to Atlas Air New York JC
8933	2000	Johannesburg/Springbok 275 Airborne Zurich 1940 ETA Johannesburg 0515 JC
10024	1120	Santiago calls a Mexican flight then works Lima JC
10024	0920	Santiago/Qantas 116 We passed 90 mW at 0918 JC
10024	0929	Cenamer active but not in English JC
10024	0857	Santiago/Qantas 116 with posns 50 S 90 W at 0854 FL 330 59 S 95 W at 1018 60 S 100 W next EM
10024	1036	Santiago/Qantas 116 Posn 63 S 115 W at 1030 FL 330 63 S 120 W at 1054 63 S 125 W next Request FL 350 EM
10024	1041	Qantas 116/Santiago Cleared to 350 Leaving 330 Report reaching 350 EM
10072	1832	Air NZ Maintenance/Air NZ 70 Left hand EGT fluctuating Now stable and the standby system is the same At present is stable on 35 c NM
11300	0446	Entebbe gives traffic to Nairobi JC
11300	2025	Qantas 314/Tripoli Contact Khartoum BJ
11300	2120	Cairo/Malaysian 292 BJ

11300 2115 Liberty 2552/Khartoum (Freedom Airlines USA) BJ
 11396 2025 Sanaa/Singapore 216 BJ
 11396 2128 New York/Canada 967 BJ
 13261 0401 Auckland/Polar 81 Posn JC
 13261 0408 Nadi/Air Canada 3128 with level 360 JC
 13333 1819 Speedbird 230/Medline. Doctor says nothing further can be done
 Paramedic team will standby at Detroit NM
 13348 0640 Cedar Rapids/Continental 1953. Re diabetic pax. Doctor advises
 emergency treatment. Pilot complains pax condition not known
 previously NM
 15035 1025 Edmonton Military Volmet with WX Winnipeg and Abbotsford NM
 17904 2000 San Francisco/North West 15 BJ
 17925 0931 Springbok Johannesburg/Springbok 281 Ops normal at 31 S 75 E
 Call again at 65 E ETA 039 NM
 17940 1850 American 671/Cedar Rapids Just to let you know a waterspout
 is moving E-SE That's towards the runway NM

Contributors

JC John Charlton Greymouth - Kenwood 5000 with 30 m wire

BJ Basil Jamieson Oamaru - Drake R8 and Kenwood 5000 with 30 m wire

NM Neville McKenty Napier - NRD 545 and Icom R70 with various antennas

EM Evan Murray Auckland - Kenwood 5000 with 30 m wire

Worldspace digital satellite radio, the alternative to shortwave radio ?

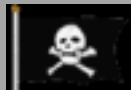
What is Worldspace broadcasting ?

Worldspace digital satellite system broadcasts are oriented towards Africa, middle east South & Central America and Western Europe.. Broadcasts are transmitted by 3 geostationary satellites the (Afristar, AsiaStar, AmeriStar) which orbit the earth directly over the equator above the regions in question. Worldspace broadcasts include news sports and music, and these programmes are broadcast in multi language format. For more information on services please see www.worldspace.com

Hitachi KH-WS1 worldspace digital radio receiver

Digital 1453.384-1490.644MHz FM 87.5 - 108 MHz MW 522 -1620 kHz SW1 2.300 - 7.300MHz SW2 9.500 - 26.100MHz 40 Pre-set stations PPL quartz digital tuner Digital clock & timer PTY (Program type service) Language button (select language) FM Stereo Headphone Socket 3.5mm Line out AC 110-127V or 220-240V DC 6V mains adapter required Weight 1.5Kg (excl. batteries) Size 240 x 162 x 64.5mm Listed price in the UK £149.99





Hi all,

Firstly, a welcome to new member **Yasuaki Katagiri** with his first contribution to the DXTimes. Feel free to contribute often Yasuaki!

You may have read in the last DXT that The Democratic Voice of Burma is being relayed by RNZI, and I guess the radio historians can tell us if New Zealand has ever been home to a clandestine radio broadcast before, though I'm sure this is a first!

Here is some detail direct from the DVB, thanks to

Ian Cattermole: Here is the schedule currently use by DVB as received from Petter Berntsen in Oslo by snail-mail with QSL Yesterday. Evening Transmission: 1430 to 1530 UTC, 17485, 15405 & 5945. (I attempted 17845 last night but RDW opens on this frequency at 1430 and no sign of DVB). Morning Transmission: 2330 to 0030 UTC. 11590 & 9495. These transmission are from facilities in: Germany, Madagascar, Russia, New Zealand and World Radio Network, London. Unfortunately they do not list which frequency from which transmitter. (and 15620kHz isn't mentioned ed)

John Durham, Tauranga "Only 2 veries back this month, Information Radio 8700u & R. Metropolis via Cochiguaz 11440u".

Trail:

- 15070 0600 NETHERLANDS Alfa Lima Int, mid-week broadcasts have started! Heard both on the 9th & 10th of May around this time though signal deteriorated after 0730. Also on 21900 though signal was very weak. Usual format of English pop tunes. Ormandy
- 15620 1455 CLANDESTINE (NEW ZEALAND) Democratic Voice of Burma, New Zealand relay, Good reception with talk and music in Burmese? TNX for Bryan Clark & Paul Ormandy, via HCDX! Apr. 28 (Yasuaki Katagiri)

Contributors: Yasuaki Katagiri, Saitama, Japan, RX; IC-R75 & HF-150E; Ant: Small Loop & SA-7000. Paul Ormandy, Oamaru NZ, SW55 and 30 metre sloped Vee

Clandestine News:

CLANDESTINE (Iran). 9710, R. Avaye Ashena, 1000-1100 Sun only via Sitkunai (100 kw), 269 degrees. (Observer-Bulgaria via BCDX) Opening anmt translated into EG: "You are listening to R. Familiar Voice. Prgms of R. Familiar Voice can be hrd in entire Europe every Sunday from 12 noon CET for one hour in the 31 mb SW, corresponding to 9710 kHz. Outline of the prgms of R. Familiar Voice can be found on the Internet site <www.avayeashena.com> (Ritola-Finland, BCDX via DXplorer)

CLANDESTINE (Iraq). 9155, Voice of Zowaa (Kala Zowa), new stn belonging to the Assyrian Democratic Movement, hrd 1655-1900 Sat, mostly in AR but in Assyrian as well. They really avoid iDing, no "Huna" or "al-ithaa" hrd in AR xmsn at any time, mostly talk about Syria and

Iraq. Lang. is a kind of Western Dialect also known as Suryoyo. There is a big community in Sweden and Europe. I also felt that the speaker had RS accent. (Ritola-Finland, Cumbre via DXLD) An opposition party based in Northern Iraq, "Zowaa" is the party's acronym. URL <<http://www.zowaa.org>> From at least 1993 till early 1999, there was a program via the CIS known as Voice of the Assyrians (Kala Atuaya), reportedly backed by Saudi Arabia. No idea if there is any relationship, but the announcer giving IDs sounds a lot like the guy on a cut of Voice of the Assyrians at <<http://www.intervalsignals.net>> (Cumbre via DXLD & DXplorer)

CLANDESTINE (Zimbabwe). 7215, Voice of the People, regular here starting at *1630-1700*, weak-to-moderate, QRM free (but overridden by Turkey arnd 1655-57). Clear ID by man at 1630 Apr 16. (Titarev-Ukraine, DXplorer)

Web Sites:

Mark Nicholls passed along this message from **Martin Schoech** "Dear radio friends, the QSL Information Pages for BC-DXers [QIP] and the pages for Clandestine Radio Watch [CRW] have been updated yesterday. You can find these pages via my new own url <http://www.schoechi.de> [Please note the i after the name when retying the url !]. The pages for my Pirate Radio Address List "Piraten.wdb" (a printed list for 2 USD and a free part with E-mail addresses and www-url's of the Pirates -) have been updated, too.

Any contributions to my pages (QSL logs, clandestine radio logs or clandestine qsl pictures) are welcome. Yours, **Martin Schoech** from Merseburg" If you haven't visited Martin's sites, please do so. There is a wealth of information including a detailed section on MW/SW QSLs from legitimate broadcasters too.

Martin also passes on the following : Re : Europirate info sources. In the past weeks (along with the rise of activity on higher bands) there have been numerous requests for address or e-mails of those 'Europirates', mainly from HOL or 'Benelux'.

There are 2 large electronic info sources for these pirates (Note : I work for both of these and I can suggest both) :

1 - SRS News at <http://www.srs.pp.se>

2 - Dr. Tims News at <http://www.doctortim-news.de.vu/>

SRS News are in English, they contain logs and news from contributors from all over Europe and are available in text or pdf version. The price is 2 USD per year, the SRS homepage only gives a restricted version of the news. SRS News are taking a rather conservative approach on pirate radio logging. They are a good opportunity if an operator wants to see how he has been heard in different regions of Europe. SRS News come out on Monday at 1900 UTC. Questions to jonny@srs.pp.se .

Dr. Tims News are in German, they contain logs and news from Dr. Tim himself and his

contributors, mainly from Germany and Benelux and they are available in text version only. The price is 'free', Dr. Tims homepage gives the full version of the news. Dr. Tims News are taking a rather 'yellow press' approach on pirate radio logging. They are a good opportunity if you want to read rumors or gossip or want to spread your own 'message'. But they do contain lots of facts too thanks to Dr. Tims excellent contacts to 'Holland' Dr. Tims News come out on late Sunday via a yahoo-based mailing list. Questions to DoctorTim@T-Online.de

And there are of course more (but smaller) regular bulletins with logs, like the one from Bruno Pecolatto and the one from Northlight Radio.

For the address information there are :

1 - Pirate Radio Address List from SRS Germany

2 - Free Radio Homepage von Hans-Joachim Koch

The Pirate Radio Address List from SRS Germany is issued by myself. It contains on 30 A4 pages 1850 pirates (SW and MW) from everywhere, from 1995 until today. You can get it in a printed

version or each month via E-mail as a PDF-file. In this case the price is 2 USD for 1 year. More information about it at <http://www.schoechi.de/pwdb-pir.html>

At <http://www.schoechi.de/pwdb-ema.html> you can find a free page with all the e-mails and www's for the pirates that are included in my list.

Re : Free Radio Homepage von Hans-Joachim Koch. The page at <http://metropolis.de/freeradio.html> is not updated at the moment and does not contain links to the address information that has been there before ..

Hope these few links have been useful for you. More information or links or address problems upon request from me.

shortwave.mailbag@radiodx.com

Compiled by **Laurie Boyer, Invercargill**

First out this month is **John Durham Tauranga** who has Radio Santec via Julich 15270, Remnants of Hope via Julich 13810 and U K senders 7215. Thanks John.

Now comes **Paul Ormandy Oamaru** with U k senders 7215

Bryan Clark Auckland is next up with Voice of Russia Dushanbe 17495 and Kishinyov Moldova 7125. That celebrates Bryan's 40th anniversary of logging Russia

Ian Cattermole Blenheim With his usual big list Radio Europe 7306 [EM] , KAF Julich 9405, AIR srinager 4960, RCI Dhabaya 9805, Radio Pakistan 21465, 17820, IRRS 13840 [EM] , RVI Krasnoder 9925 SRI Sottens 15555, 17665, Julich 13790, 9605 AWR Moosbrun 9875, Radio Ukraine 11840,

Jerry Berg Lexington MA USA Has Afghanistan 8700U Finland 11690, Voice of Russia 5065, 11840, VOA 9350, Thanks Jerry.

Best of Month under 9mhz UK senders 7215 1kw John Durham and Paul Ormandy

Best of Month over 9mhz SRI Sottens 17665 Ian Cattermole



Micro FMs I did some searching, and DFing this morning (11 May) with a Sony ICF-7600D, and its rod antenna. I heard four micro FMs from my home in Lower Hutt: 88.1, 88.4, 100.6, 100.8 MHz. I listened to each one for a while, but only 88.1 identified itself during the period, as "KC FM Lower Hutt 88.1 MHz". 88.1 was rather strong here in Lower Hutt, so I went looking for it. I found the transmitter at the top of Maungaraki, a suburb on the Western Hills above Lower Hutt. The transmit antenna, a 2-element, vertically polarised FM-band yagi, mounted on the side of a house was a give-away. (Doug Ingham)

New FM stations in Opunake Just a short note to advise you of a Life FM relay here in Opunake operating on 88.4 with 1 watt from the old power board building in Tasman Street. Operated by "The Wave" a local church. Also on is a relay of Solid Gold AM 1233 kHz on 88.1 with a milliwatt of power from Mike Smith Electronics workshop on Napier Street Opunake. Mike was Broadcast Editor for the Times some years ago. He also can break out for local announcements and play a few CDs as well. (Bill Woller)

New Guardbanders in Auckland On air today (17 April), on 100.2 FM and announcing an on-air date of 23 April is Buck FM, based on Auckland's North Shore. Is running a lengthy loop tape of comedy tracks (Ali G, Billy T. James etc) and promos with innuendo slogans like "Get Bucked". There has been a solid open carrier on the channel for a week, which I thought, was blocking the usually heard Virtual FM from Takapuna, which had a jazz format. However a visit to the North Shore last Thursday failed to locate a Virtual FM signal so they seem to have closed. Strong signals into my listening site at Mission Bay and south into St Johns where it is obliterating TLC (The Little Country) Radio from Otahuhu. Up FM is a dance music station that has been broadcasting on 100.6 FM since about 25 February. This station took over the frequency from previous occupant 'Frank'. Frank was a successor to George FM (now on 96.8FM), and played a lot of Frank Sinatra. Up FM is a totally different format with an incessant beat rhythm, though with live DJs at times. I suspect it is coming from the Ponsonby area and I can hear it up the Northern Motorway almost to Albany. Up FM ran a special broadcast on 107.4 FM last Saturday and Sunday, live from the Armageddon Show at Auckland's Aotea Centre. I didn't bother to fight my way through the crowds at the show to find the Up FM stand, but still need to track them down eventually to try and coax a QSL out of them for this special broadcast which was only audible in the central city and as far east as Kohimarama. Am still waiting a reply from Beach FM at Great Barrier Island! Their Kawau Island 97.0 and Waiheke Island 89.8 are often off air but back when I check another day. (Bryan Clark)

Another New Guard band in Auckland

There is a new guard band station broadcasting on 100.8 MHz fm from Mt Wellington Auckland. There is no station identification only music from the sixties. 88.2 FM Otahuhu is no longer on the air. (Winston Lashley)

New Frequency For Fresh FM

Fresh FM, the Nelson region's community access radio station, switched on a brand new transmitter in Nelson this month to improve the station's reception in the area. The new transmitter broadcasts on 95.4 FM across the CBD and non-coastal areas of the city,

complementing Fresh FM's existing region-wide frequency of 99.4 FM. Based at Fringed Hill, the move is the station's long-awaited response to concerns from listeners about poor reception in areas of the city. Fresh FM operates its single service from studios in Nelson, Motueka and Takaka to ensure people across the region can be involved in programmes. (Median Strip April 29)

Plains FM Makes Break Into TV Christchurch Access radio station Plains FM is branching out into television.

Plains TV will be "a new way of thinking about local television," according to Marketing & Development Co-ordinator **Richard Liddicoat**. "We make the medium completely accessible to allow anyone in our community to make and broadcast programmes they have created themselves. Plains TV have the facilities and expertise to make local people local broadcasters." The station operates on the same not-for-profit philosophy as Plains FM96.9, with programmes broadcast each Sunday through a partnership with NOW TV. "Plains TV delivers niche programmes to niche audiences, and the programmes are made by, for and about those audiences. It's a simple approach that works," says Liddicoat. Plains TV launched on April 21. (Median Strip May 6)

Barbados While listen on the Internet to C B C 900 they announce they were also broadcasting on 100.7 MHz FM. Barbados now has nine radio stations. The area of the island is 166 square miles with a population of 270,000. There are 2 AM station and 7 FM stations. (Winston Lashley)

Fantastic US/Canadian AM FM radio site A great web site for checking US and Canadian AM and FM stations is <http://100kwatts.tmi.net/> The Main entry page above has the latest US AM/FM freq and callsign allocations and changes. Try typing a callsign into the SEARCH box. Gives you station transmitter location, station format (unfortunately doesn't appear to give station postal addresses). However it does have their website address/link if they have one. And if you click on the little flashing transmitter tower you will get a map indicating where their transmitter is located. (Mark Nicholls)

Tasmania I also received a whole pile of stuff from Martin Greer in West Launceston, Tasmania. This will be included in next month's column as soon as I sort through it all. (Adam)

adcom.news@radiodx.com

Compiled by Bryan Clark, Auckland



WELCOME TO NEW & REJOINING MEMBERS **DAVID CROZIER**, 154 Grey Street, Auckland 1006; **E.A. HOPGOOD**, 55 Berkeley Road, Wainuiomata; **JEFF KING**, 45 Roberta Drive, Christchurch; **RUSSELL DICKSON**, 88 Cockerell Street, Brockville, Dunedin 9001; **PETER NG**, Johor, Malaysia; **DAVID WERONKA**, Benson, North Carolina, USA; **YASUAKI KATAGIRI** of Ageo-City, Saitama, Japan and **PETER POMPE** of Kraainem, Belgium. David is the first new local member to take advantage of the reduced subscription (\$20) to receive only the electronic version of the DX Times each month. He is a well-known member of our fellow organisation, the NZ Vintage Radio Society. Russell was previously a member in 1987 while Mr Hopgood rejoins after a break of 5 years, and Peter returns after 4. Yasuaki describes himself as an 'earnest shortwave listener' and is keen to contribute to our columns. Welcome gentlemen – please let us know what you are listening to on the radio bands!

WITH REGRET we note the passing of Auckland member and World War 2 veteran Lieutenant Colonel **JOHN SPRING** MBE on 8 April. A message of sympathy has been sent to John's wife Charlotte and family on behalf of members. And at press time, we've just learnt of the death of Bluff member **EDDIE FIELD** on 8 May. Eddie only joined the League last January but, as ZL4TAY, was well known in amateur radio circles in Southland. (via Jack Fox)

TECHNICAL ARTICLES Members are reminded that any original contributed article published in the 'DX Times' that aspires to contribute original, practical advice that is understandable to the radio listening hobbyist and aids DXing skills, is eligible for an annual award. The competition year runs to 31 August, so there's still a chance to submit an entry for this year. Handwritten articles are acceptable provided they are legible for retyping. All submissions should be addressed to Chief Editor **MARK NICHOLLS** at P.O. Box 3011, Auckland or via email to editor@radiodx.com

MEMBER RECRUITMENT Much of the Administration Committee's focus at present is on ways to maintain membership at a time when it is accepted that the number of dedicated radio enthusiasts worldwide is in decline. On top of favourable comments received by our Chief Editor regarding the content of the NZ DX Times, initiatives such as payment by credit card for overseas subscribers, and the availability of lower cost "electronic subscriptions" have been instrumental in attracting a wider membership. Each year an illustrated article on the DX/SWL hobby and the League is contributed to the NZART Callbook by **BARRY WILLIAMS**. Fellow Auckland member **MIKE BUTLER** contributes a regular SWL column to NZART's 'Break In' magazine. And we mustn't forget the excellent work at the radiodx.com website by **PAUL ORMANDY** and **DAVID RICQUISH** providing the latest means of communicating with prospective members. Adcom are now considering a new promotional opportunity focussed on the Auckland region, where more than a quarter of current NZ membership are located. Don't forget the DX League has a multi-colour promotional brochure (produced in cooperation with Sony NZ Ltd) that is freely available on request for members who see any opportunity to share their hobby with others. Request a supply from National Secretary **EVAN MURRAY** at P.O. Box 3011, Auckland or via email to secretary@radiodx.com .

A THANK YOU NOTE has been received Mrs Pat Beardsmore acknowledging the League's expressions of sympathy on the recent death of her husband and long-time League member **GEORGE BEARDSMORE**. Pat writes that "radio in its many forms had been an interest for George since he was a teenager and although he was not so active in the hobby in recent years, it has been of real comfort to the family to know that he was remembered by you all." Pat has expressed a wish to see Georges's communications receiver passed on to someone who is keen to take up the DXing hobby. See following item for more details.

RADIO OFFER The Yaesu FRG-7 communications receiver used by **GEORGE BEARDSMORE** has been offered to the DX League (see above) to pass on to someone starting out in the DX and shortwave listening hobby. If you wish to apply for this opportunity,

or know of someone who would benefit from having a good receiver to get into the hobby, please apply in writing to Radio Offer, P.O. Box 3011, Auckland no later than 30 June 2002. Applications should explain the circumstances of the applicant and their level of hobby interest. The Administrative Committee will then review the applications received and arrange for delivery of the receiver to the successful applicant.

OVERSEAS DX CONVENTIONS Thinking of travelling to the Northern Hemisphere in the next few months? Your travels might coincide with hobbyist gatherings such as the following: The 2002 Convention of our sister organisation the International Radio Club of America (IRCA) will be held near Seattle, Washington on the US West Coast on 16-18 August this year. Hosts will be Bruce Portzer and Phil Bytheway. Over the same weekend, the Finnish DX Association is hosting DXers, SWLs, radio hobbyists and international broadcasters at the joint conference of the European DX Council and the FDXA. The conference will be held 15-18 August in the town of Pori on the west coast of Finland. Previous DX conferences held in Finland in 1987 and 1992 were the biggest DX conferences ever in Europe (over 200 participants) and possibly the best. A side trip to Tallinn Estonia is being planned for 18-20 August. Members who might be interested in either of these events can get more details by sending a stamped addressed envelope to Box 3011 Auckland, indicating whether your interest is in USA or Finland.

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

AUCKLAND

The 28 April meeting had 11 present at the clubrooms, chaired by Barry Williams. Barry reports that the NZ DX Radio Association (NZDXRA) had their AGM recently and are having a rough time (needing more new members).

Mike Butler reports that the Solar Flux was 226 on April 13th with monthly averages of 236 for December, 228 for January, 205 for February and 180 for March. Mike read out a number of loggings he recently made of shortwave stations. Jim Pope added that lately he's heard all bands dead from his Whenuapai, Auckland QTH. Evan Murray recently logged an arab station DOHA on 17700 at around 0600 UTC.

Yuri Muzyka briefly mentioned he still gets the HCJB mailouts from their Auckland office. They have just recently moved from Mt Roskill and their new postal address is HCJB World Radio, P O Box 12-319, Penrose, Auckland 1135. They are involved in a "New Australian Radio Control Facility" in Melbourne (a New Zealand project) that requires a total of \$66,000 and their goal is to raise this by the end of July 2002. End of May they have already raised \$15,000! They're asking for donations. Their phone number is Auckland (09) 634 2373 and their email address is hcjb@clear.net.nz. They ask to mark your "giff" as "CONTROL FACILITY" to the Penrose address, Freepost Number 4072. HCJB World. Radio Australia is also seeking qualified personnel to fill various positions in Melbourne and Kununurra, North Western Australia.

The June meeting will be at the Clubrooms on the 30th at 2 pm.

The July 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.

CHRISTCHURCH

Reminder that the **ChristchurchNZART Branch 56** cordially invites all local NZRDXL members to join them on a guided tour of the NZ Police Southern Communications Center, Hereford Street, Christchurch. **Date: Tuesday, May 28. Time: 7.30pm. Place: Police HQ Christchurch.** Places are limited, early booking recommended. Contact David Searle on (03) 358 2424 or email at davidsearle@contactplus.co.nz

NORTH OTAGO BRANCH

A well attended Meeting was held at Paul Ormandy's on Thursday 9 May.

Each month we have a Frequency Competition compiled by a different member who produces a list of frequencies to be identified by members. This is an activity which is well supported and is always an important feature of our Meetings.

DIAL NEWS is the monthly newsletter of our Branch which keeps us up to date with local members' radio activities and also those members of our Branch in Timaru, Winton, Christchurch and Levin.

Our June Meeting is to be at Paul Ormandy's well known DX Site at Waianakarua where we will be able to take advantage of a great variety of antennas in an area free from electrical interference. We look forward to some good catches. B. Jamieson.

SOUTHLAND

The April Meeting was held at Eddie MacAskills where The Members had a chance to look at Eddies, Marsh Special Radio which was one of several built by Members under the guidance of the Late Bill Marsh in his workshops at home back in the 1950's. A working Bee was held at Tiwai with repairs being carried out on the Kitchen Chimney on Anzac Day. May Meeting is to be held at Tiwai on Saturday 25th in the afternoon then a DX session in the evening. Phone Lindsay Robinson 03 216 5430 for more details, All welcome.

WELLINGTON

7 members gathered at Stu Forsyth's home in Miramar for the reactivation of the Wellington Branch. Particularly welcome were new member Alexander Irvine and RNZI's Adrian Sainsbury. We talked generally about DXing and had a look at Stu's new antenna - technical advice courtesy of Paul Ormandy. Of great interest was Adrian's recording from Europe of digital SW test transmissions and a comparison of the synchronous digital and analog broadcasts. To say the least all were mightily impressed and the difference in sound quality was like stepping from a mini into a Rolls Royce! The afternoon finished with a cup of tea or a glass of something stronger.

The next meeting is scheduled for 26th May. We will gather at Radio NZ House on The Terrace for a look around the Radio NZ International operation, with Adrian. Meeting time is 2.30pm.



marketsquare - members free advertisements

FOR SALE

Sony ICF - SW 7600G Receiver

SW- MW- LW Bands Digital read out, -sync detection-LSB & USB etc with other features.

Good Condition in original carton along with Instruction Manuals and Sony AN-71 Compact Antenna.

Goes well

Price Range - \$300-00, plus freight etc.

Contact Paul Aronsen, 10 Girvan Street, Wallacetown. Southland.

Phone 03 2358 436 or E-mail pauldx@es.co.nz



FOR SALE

Racal RA1173 (may be RA117E? Chief Ed) in very good condition. A terrific short-wave receiver and would suit keen listener. Includes Manual. \$500 Reply to: P.O. Box 928, Napier.



WANTED

Sony Active Antenna AN-LP1

Contact Ian McCallum, Ph (04) 904 1116 or E-mail imccallum@paradise.net.nz



FOR SALE

Radio New Zealand International are taking orders for the RNZI CD special edition of Mailbox featuring The Convention 2002 held at Camp Iona Oamaru in February 2002 at a very special price of only NZ\$10.00! Cheque or provide standard credit card details (type of credit card, number on card, name on card, expiry date)

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

Tel: +64 4 474 1437 Fax: +64 4 474 1433 or email info@rnzi.com attention "Adrian Sainsbury"

(NOTE. The images above are shown to give a general idea of what the item **for sale** or **wanted** looks like, they are images obtained via the Internet and ARE NOT meant to indicate the condition or colour of the product advertised- Chief Ed)

With the onset of winter the South Americans are now coming through, and in my part of the country the X band Yanks now have a meagre window of only 60 minutes — 5.30 to 6.30 before the dominant Australians come up.

We've a slender Mailbag this month and there's some worthwhile loggings to be made.

PAUL ORMANDY, Oamaru, reports logs have been made of HJLQ R Minuto 1520, R Tropicana, Buenos Aires 1620, OAX4I R Nacional del Peru 1320 (ex-R La Cronica) and an unid Argentine on 840 that needs more work. QSL's KQXX 1700 and a new country HJMY RCN San Andres 910 (San Andres is an island belonging to Colombia in the Caribbean off the Panamanian Isthmus), HJTL RCN Cucuta, and CX19 Radiomundo, Montevideo 1170kHz.

BRYAN CLARK, Auckland reports a lone QSL from KKWY 1630 1kw.

BEST O' THE MONTH: HJMY 910 Paul Ormandy.

BROADCAST TRAIL

A Wainakarua listing from Paul Ormandy:

180	1811	RUSSIA R Rossii, Chita (Siberia) fair signal with Russian pop music, also noted with poor signal on 234 from Angarsk (Siberia). Ormandy 5/4
730	0913	PERU R Programas, Lima, fair in 729 mess with news stories, Better on // 790. Ormandy 5/4
750	0744	ARGENTINA R Nacional, Cordoba, pr-fr with brief id, temperature and tangos. Ormandy 5/4
760	0622	CHILE CB76 R Cooperativa, Santiago, up with promo for stations anniversary then into news items. Ormandy 5/4
790	0623	ARGENTINA Mitre, Buenos Aires, lovely signal, rock-steady for about 30 mins with tangos. Ormandy 5/4
790	0955	PERU R Programas, Trujillo, fair signal, male and female swapping items, regular "R P P " (erray-pay-pay) ids. Ormandy 5/4
840	0625	ARGENTINA Unid, mystery station definitely an Argie, will need to research this as usual R Bahia Blanca isn't scheduled on at this time. Ormandy 5/4
840	1005	COLOMBIA HJKK Neiva, up with id after news, followed by lively music. Ormandy 5/4
870	0637	ARGENTINA R Nacional, Buenos Aires, dominating with tangos.
880	0919	PERU R Union, Lima, fair with id "Union - La Radio" between instrumental pops. Ormandy 5/4
970	0702	COLOMBIA HJCI R Super, Bogota, brief canned id between light pop music. Ormandy 30/3
1110	0609	ARGENTINA R Municipal, Buenos Aires, gd signal with id & promo

		for news program. Ormandy 5/4
1280	0613	BRAZIL R Tupi, Sao Paulo, up briefly though weak with announcer in Portuguese. Ormandy 5/4
1320	0926	PERU R Nacional del Peru, Lima, (ex-R La Cronica) fair signal on peaks with promo for salsa music program and features.
1470	0617	PERU CPN R, Lima, gd w/mostly talk though did note periods of back-back music. Easily the best heard Latin. Ormandy 30/3
1520	0920	COLOMBIA R Minuto, Barranquilla, good with id during break-out from gospel mx prog.
1610	0749	ANGUILLA Dr Gene Scott via Caribbean Beacon, poor signal with usual religious banter. Ormandy 30/3
1620	0703	ARGENTINA R Tropicana, Buenos Aires, fair signal on peaks with religious programming. Show included their ph number for calls, two of which matched those given in te WRTH. Ormandy 30/3
1670	0745	USA WTDY Madison WI, fair signal with local ads including Bobcat dealer, followed by a farm report. Ormandy 30/3
1680	0759	USA KRJO Monroe LA fair with id "100% hip-hop and R&B, AM 1700 KRJO, your celebration station". Ormandy 30/3
1700	0729	USA KBGG Des Moines IA good with break-out from net with id "You're listening to the all new KBGG Des Moines, all news, all day" then news. Ormandy.
690	0935	USA KQMR Honolulu ID as Radio Disney. NM
830	1015	USA KHBH Honolulu. Talkback NM
880	0840	PERU OBZ4N Radio Union (tentative). Mixed bag of Pavarotti and
1070	1020	KNX Los Angeles CA. News and Traffic. NM
1110	0755	USA KFAB Omaha NE and KRLA Pasadena CA. ID 0759 and 0805.
1140	0825	KHTK Sacramento, VA Sports Talk. NM
1190	1000	KEX Portland OR Nx NM
1380	0900	KIFO Pearl City HI. Light jazz and spoken. NM
1380	0800	CHILE Radio Corporacion Santiago. ID 0805 NM
1467	0735	FIJI good with Indian vocals (BW at Matata)
1500	0955	USA KUMU Honolulu, Oldies NM
1510	0950	USA KGA Spokane WA Talk and news NM
1570	0747	MEXICO XERF with ranchera BW
1580	0725	USA KBLA Radio Unica good, mixed with KMIK (Disney) BW;NM
1620	0630	USA WTAW College Station, TX powerhouse on talk. BW
1680	0957	USA KYEA "your celebration station" gospel NM

BROADCAST NEWS

AUSTRALIA:

Switch 1197AM, Brisbane expects to begin tests by June 1, and be broadcasting fulltime by July 1. Address: PO Box 1073, Fortitude Valley, Q 4006.

1242 3TR Sale, Victoria, Australia moved to FM 99.5 on April 26 and is now replaced by 3GV (Gippsland & The Valley)with Greatest Hits, News & Talk format.

1116 3AK & 1377 3MP have changed their "Macquarie Network News" name to "Victorian Radio Network"

From the ABA web site News Release April 4 the following frequencies and locations are up for auction.

Murwillumbah Qld. 1593 kHz	Penrith NSW. 1476 kHz	Brisbane Qld.1053 kHz
Adelaide S.A 531 kHz	Bridgetown Manjimup WA.1377 kHz	
Bunbury WA 1017 kHz	Geraldton WA 1008 kHz	Kalgoorlie WA 1431 kHz
Northam WA 1323 kHz	Perth WA 657 kHz	

http://www.aba.gov.au/abanews/news_releases/2002/28nr02.htm

The Australian Broadcasting Authority has invited applications for 92 AM/FM open narrowcasting radio services to serve New South Wales, Queensland, South Australia, Tasmania, Victoria and Western Australia.

The Australian Broadcasting Authority "is an independent federal statutory authority responsible for the regulation of free-to-air, radio and television, Pay TV, digital broadcasting and internet content in Australia". The site has links to finding radio and TV stations in an area, radio planning, the Broadcasting Services Act and other legislation, and Australian Content, including a review of the Australian Content standard in 2001. "Guidelines for the implementation of day/night switching-AM radio" is more interesting than it sounds- it even covers what percentage of a local population can be exposed to more than a certain level of radiation from the transmitter. There's too much to mention here; check it out for yourself at <http://www.aba.gov.au/>.

Latin America:

Zona Latina "is the site for media and marketing in Latin America." There's a section devoted to radio, heavily comprised of links to stations throughout Central and South America, the Caribbean and Mexico. Regional and national networks are noted here. There are also links to other sites covering information of interest to the listener or observer of the radio scene "south of the border", as well as Spanish and Portuguese language stations and networks in the USA. Go to <http://www.zonalatina.com/Radio.htm>.

USA

A great web site for checking US and Canadian AM and FM stations is <http://100kwatts.tmi.net/>. The Main entry page above has the latest US AM/FM freq and callsign allocations and changes. Try typing a callsign into the SEARCH box. Gives you station transmitter location , station format (unfortunately doesn't appear to give station postal addresses) . However it does have their website address/link if they have one.

And if you click on the little flashing transmitter tower you will get a map indicating where their transmitter is located.

SAIPAN

SAIPAN. KSAI RADIO BIDS SAIPAN GOODBYE

Far East Broadcasting Company yesterday announced the closure of its local station, AM 936 KSAI, at the end of April. The company plans to continue its international broadcast

operations by maintaining its short-wave facilities in Marpi. With studios located in Susupe, KSAI Radio/Family Radio has, for more than 24 years, endeavoured to serve the CNMI community with public affairs programs, news, and information. KSAI was also the first radio station on the island to offer ethnic programming in the Tagalog, Korean, and Chinese languages.

"It is with a deep sense of regret that due to current economic conditions and other circumstances beyond our control, Far East Broadcasting Company will be closing KSAI on April 30th. We hope you will pray for us in this transitional period," David L. Creel, station manager, said in a statement. (*Saipan Tribune April 18, via E. Baxendale, UK, DXLD*) Thanks to Bryan Clark.

Article: Happy Birthday to New Zealands Second Shortwave Station

Compiled by
Bryan Clark
Auckland

On behalf of DX League members and DX enthusiasts everywhere, we congratulate NZ Radio for the Print Disabled Inc and the Radio Reading Service in Levin, which celebrates its 15th anniversary on-air on Thursday 9 May.

NZRPD was founded in 1985 by former League member Allen Little, who wanted to do something for people who, for whatever reason, cannot hold, see, or understand printed information. Allen himself is legally blind. Since May 1987, this voluntary radio station has broadcast on medium wave and shortwave for people who find reading a major challenge. A volunteer team of more than 240 people focus on "turning print into sound" They aim to provide full fresh information, topical news and current affairs based on published material. Volunteers read from newspapers, magazines etc, while others operate the studio equipment. The Radio Reading Service is funded by donations, grants, subscriptions, bequests and sponsorship. "New Zealand on Air" helps with an Operational Grant from the Public Broadcasting Fee.

At Easter weekend of 2000, I was able to visit the studios and transmitter site with local League member and RRS volunteer Kelvin Bradshaw. I was also pleased to meet QSL Manager Brian Stokoe again – he had been my Scoutmaster in the early 1960s. The station has always been DXer friendly and welcomes reception reports, which are all personally replied to by Brian. At the NZRPD offices and studios on the first floor of the Levin Shopping Mall, a world map is on display, surrounded by postcards from DXers



The satellite receiving antenna atop the studios of the Radio Reading Service in Levin Photo credit. Bryan Clark.

and small pins to denote where the shortwave transmitter ZLXA has been heard. Brian includes a brochure promoting the DX League with all QSL responses.

Kelvin got permission to take me out to the RRS transmitter site at Weraroa, about 2 kilometres south of Levin (with the main antenna mast just visible west of State Highway 1). † For 2XA 1602 kHz medium wave, the main transmitter is a 2.5 kilowatt Blyth unit, with a 1 kw Harris MW1 unit as standby. The omni-directional MW tower is 44 metres high. Shortwave station ZLXA operates on 3935 kHz via a 1 kw Bauer 701b HF transmitter. The antenna is a half-wave Sloper, running Northeast-Southwest. In past years, alternate shortwave frequencies of 7290 & 5960 kHz have used Radiofon 500 watt transmitters feeding into inverted Vee antennas facing East-West. But these have not been operational for some time. I must say that I was amazed to see the simple 3935 SW antenna and realise that it was carrying ZLXA broadcasts to DXers in all parts of the world.



DX League member and RRS volunteer Kelvin Brayshaw in front of the 2XA/ZLXA transmitter building and antennas south of Levin



Radio Reading Service's very helpful QSL Manager Brian Stokoe extends a welcome at the RRS studios in Levin

Article: Are Long Wires Directional? An Investigation

Compiled by
Cliff Couch
Paraparaumu

Living in a retirement village, the desideratum of having antennas "as long and as high as possible" is something of a dream. Instead, I am limited to experimenting with running random wires of modest length (and height) in various directions in a quest for improved short wave and mediumwave reception. It would be helpful to know for sure whether long wires of such length are directional — either in the direction of their length or at right angles to it.

What the Experts Say.

The experts seem to be at variance on this point. For example:

Source

DXing Made Easy (NZRDXL)
J Searle (private correspondence)
DX Tips for Beginners (KNLS)
S.W. Reception (Deutsche Welle)

Opinion re Directionality

In the direction the wire is pointing
Becomes directional over 300 metres
At right angles to the signal.
The broad side of the antenna should
point to the transmitting station.

Towards an Answer

My present aerial array consists of a 32-metre long wire at 85°/265° azimuth, a 34-metre long wire at 55°/235° azimuth and a 62-metre horizontal loop. Over a period of 14 months I have recorded each occasion when one of my long wires has given a better signal than either of the other two antennas. The results have been as follows:

A. Total number of signals logged	Under 9 MHz: 128	Over 9 MHz 296
B. Number of times the direction of the long wire giving the best signal has been within 25° of the azimuth of the signal.	" " " 9	" " " 41
C. Number of times the direction of the long wire has <u>not</u> been within 25° of the azimuth of the signal.	" " " 0	" " " 24

The 25° limit is quite arbitrary, but in most cases in category B the agreement has been much closer. The signals logged in categories B and C have tended to be in the weak to medium strength range. It is noteworthy that in only one case was the azimuth of the signal anywhere near at right angles to the direction of the wire giving the best response.

As far as mediumwave is concerned, I rarely pick up anything beyond New Zealand other than Australian stations. However, it is significant that reception of Australian stations has been consistently better using my east/west long wire.

Some Tentative Conclusions.

The above data gives some evidence that a long wire of approximately 30 metres in length can be directional if aligned with the incoming signal rather than being at right angles to it. The high ratio of over 9MHz signal in category B to the total number of over 9 MHz signals logged in category A compared with under 9 MHz signals suggests that such a long wire is more likely to be directional with higher frequencies.

Have readers any other data, i.e. hard data, or authoritative source that throws further light on this issue?

Cliff welcomes feedback, comments or your actual observations of aerial directionality behaviour to him at

Cliff Couch, 4 Rotary Place, Sevenoaks, Paraparaumu.

NEW ZEALAND RADIO DX LEAGUE (Inc.)

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

The NZRDXL is administered from Auckland by:

NZRDXL AdCom, PO Box 3011, Auckland

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president@radiodx.com - David Norrie

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Annual Membership:

Within New Zealand - NZ\$35.00.

Australia/Pacific Islands - A\$35.00

Rest of World- US\$30.00

All overseas members get airmail delivery.

An Electronic (only) magazine is now available in a PDF Format for US\$10 or AUS\$20 International or NZ\$20 for local New Zealand members.



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

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

Club Magazine:

The NZ DX Times, PO Box 3011, Auckland.

Published monthly. Registered publication.

ISSN 0110-3636.

Chief Editor/Publisher - Mark Nicholls

editor@radiodx.com

Printed by ProCopy Ltd. Wellington

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