



# New Zealand DX Times

Monthly journal of the  
New Zealand Radio DX League (est. 1948)  
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<http://radiodx.com>



## Current Deutsche Welle Transmitter Sites by Ian Cattermole

As I am an official monitor for Radio Deutsche Welle, I often receive quite detailed schedules etc from them covering all languages. As these include transmitter sites which can be difficult to identify, the following is the complete list of their current English language transmissions, along with transmitter sites. I also monitor for Universal Life Radio, Radio Denmark, RTE and Radio Austria. It all makes the hobby more interesting and the broadcasters concerned seem to be appreciative of the information I pass on to them.

<b>0100-0145</b>	<b>0500-0545</b>	<b>1100-1145</b>	<b>2000-2045</b>
6040 St.Johns.	9615 Wertachtal	15370 Kigali	11970 Sines
6145 Wertachtal.	9670 St.Johns	15410 Kigali	<b>2100-2145</b>
9640 Wertachtal	11795 Bonaire	17680 Wertachtal	9670 Trincomalee
11810 Sackville	11810 Sines	17800 Kigali	9765 Wertachtal
13720 Sines	0600-0645	<b>1100-1330</b>	11915 Trincomalee
<b>0200-0245</b>	11915 Wertachtal	6140 Julich	13780 Nauen
9615 Trincomalee	13790 Sines	<b>1600-1645</b>	9875 Kigali
9690 Wertachtal	15185 Wertachtal	9735 Kigali	11865 Wertachtal
11945 Nauen	17820 Trincomalee	11810 Kigali	15135 Kigali
11965 Trincomalee	17860 Wertachtal	15135 Kigali	<b>2300-2345</b>
13690 Samara	21680 Trincomalee	21695 Wertachtal	9715 Trincomalee
15560 Wertachtal	<b>0600-0900</b>	6170 Trincomalee	9815 Wertachtal
<b>0300-0345</b>	6140 Julich	7225 Trincomalee	11695 Trincomalee
6145 Wertachtal	<b>0900-0945</b>	7305 Novosibirsk	<b>KEY TO SITES:</b>
9535 Sackville	6160 St.Johns	9875 Novosibirsk	Antigua - St. Johns
9640 St. Johns	12055 Irkutsk	17595 Wertachtal	Canada - Sackville
11810 Sackville	15470 Irkutsk	<b>1600-1900</b>	Germany - Julich, Wertachtal,
13780 Sines	17560 Trincomalee	6140 Julich	Nauen,
15105 Bonaire	21680 Wertachtal.	<b>1900-1945</b>	Madagascar - Talata
<b>0400-0445</b>	9565 Kigali	9640 Wertachtal	Netherlands Antilles -
7225 Kigali	15210 Talata	11785 Trincomalee	Bonaire
9565 Kigali.	15410 Kigali	11810 Kigali	Portugal - Sines
9765 Kigali	17800 Kigali	13790 Wertachtal	Russia - Samara, Irkutsk,
11785 Wertachtal	21790 Wertachtal	15245 Wertachtal	Novosibirsk
13690 Wertachtal.	<b>0900-1100</b>	15390 Kigali	Rwanda - Kigali
	6140 Julich	17810 Trincomalee	Sri Lanka - Trincomalee

Contribution deadline for Jan Issue is Wednesday Jun 2nd - PO Box 3011, Auckland

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## editorial@radiodx.com with Andy Gardner, Masterton

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As we steam full speed ahead for the 21st century, making sure people know that the DX League exists is the best way to ensure that our club survives in the big wide world. Many clubs, and hobbies are finding it very tough going. Getting our name out there on the Internet is the very important. On checking <http://altavista.com>, one of the most popular search engine on the Web, I find that there are 7567 web pages in their database that mention the words "shortwave radio" and "club". We're listed in there somewhere! The trick here is to get <http://radiodx.com> listed in as many link pages as possible, as this affects our rankings on many search engines.

This is where our Internet connected members can help. If you find a website that lists radio clubs, or any radio-related list that we could be on, drop them an e-mail complimenting them on their website, and ask them nicely to add <http://radiodx.com> to their list of links. Offer to list them on our links page in return (known as "reciprocal linking"). Drop me a note with the URL of any site we should add to our links page.

Interestingly, while doing this research, I found a recent (April 1999) article on the ZDNN Computer Website - <http://www.zdnet.com/zdnn/content/inwk/0505/283875.html> - entitled "Is The Web Killing Shortwave Radio?" Perhaps the author, James Wolf, managed to get his hands on a copy of the August '98 issue of the DX Times, or tuned in to HCJB around that time? :^) Happy listening until next month, Andy.

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## shortwave.report@radiodx.com with Matt Francis, Canberra

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Welcome again. Sources: DXW - DX Window (Danish SW Clubs International); CDX - Cumbre DX; Hauser/SWDXR - Glenn Hauser's SW DX Reports. 'Various reports' indicates the item is an amalgam of sources sifted and sorted by the contributor. I'm an interventionist editor: condensing, collating, and cross-checking, rather than just rehashing great slabs of info from sources and leaving it for you to decipher!

**Belgium:** RTBF has started a 'Radio Balkan' service in French and Albanian, 2100-2200 on 7345 via Julich. (RTBF/Francis)

**Bolivia:** Radio Mosoj Chaski, Cochabamba is a new station which has been widely heard on 3310 since mid-April. from 0900 sign-on. Transmitter is 10kw. (Various sources/Francis)

**China:** CRI new schedule for English to Pacific: 0900-1100 11730, 15210; 1200-1300 6950, 7265, 11675; 1300-1400 11675, 11900. SE Asia: 1200-1300 9715, 11660; 1300-1400 11660, 11980, 15180. South Asia 1400-1500 11825, 15110; 1500-1600 7160, 9785. (CRI/ Francis) Interesting that CRI which for many, many years used the same frequencies without change now makes regular and sometimes inexplicable frequency movements.

**Cuba:** Lots of interesting activity to report. Radio Rebelde has an expanded schedule on SW to Latin America and the Caribbean: 6140, 9600 1100-1400, and 0300-0400 6120. These frequencies are additional to long-time 5025. Reception reports can be sent to Radio Rebelde, PO Box 6277, Habana, Cuba 10600, or via email to Arnie Coro at Radio Habana Cuba. Commenced May 8. (DXW, CDX and info from RHC web site). Meanwhile China Radio International appears to have started relays via Cuba: 0100-0157 English, and 0200-0300

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Chinese on 9570. These services do not appear in CRI's latest official schedule. Also using 9570 1200-1400 for Chinese but nothing to suggest it is from Cuba. Also noted on 5990 from 2300. (Francis/various reports)

**France:** RFI to South and South East Asia - Mandarin 2200-2300 12005r, 12045r; 0930-1030 12025r, 15195j; 1200-1300 9830j, 12075r. French 2300-0100 11660, 12025r, 15535r; 2300-0000 15595r; 2300-0030 17710j; 0100-0200 17710j; 1030-1200 11890j, 15215j; 1100-1200 11600c; 1400-1600 17650; 1600-1700 6090c. Lao 1100-1200 12025r. Khmer 1200-1300 12025r. English 1200-1300 11600c; 1400-1500 11910c, 17560, 17680. Vietnamese 1400-1500 15195j. Relay sites: r- Russia, j - Japan, c- China. English for other target areas: Africa 1400-1500 17560, 1500-1600 11615, 1200-1300 15540m, 1600-1700 12015m, 17605 (to 1730), 15210 (to 1730). Middle East 1200-1300 9805, 15155, 15195. m- Moyabi, Gabon. (RFI / Francis)

**Kazakhstan:** Kazakh Radio has again changed its schedule: 2300-0300, 1300-1700 on new 12115 (strange, but very good choice) with 1st program relay in Kazakh and Russian. (Timofeyev, DXW, May 3-4).

**Portugal:** RDP to Europe: 0500-1200 15140, 11960; 0645-0800 11660; 1600-1900 11800, 11860, 13625. East Asia/Timor: 1200-1400 17740. Middle East: 1200-1400 21515. Africa: 1000-1155 17725; 1600-1900 17680. Guiana/Cape Verde/Brazil: "RDP Africa" 0600-0000 21655; 1000-1200 21725. USA/Canada: 2300-0200 9715. 11655; 0500-0700 15585. Latin America: 2300-0200 13700, 11840, 15295; 1600-1900 21780. Weekends: Europe 0700-2000 9780, 15555; 0830-1000 11995. East Asia/Timor: 1000-1155 17740. Africa: 0700-1700 17725; 1700-2000 17680; "RDP Africa" 0600-0000 21655. USA/Canada 1200-2000 15200. Latin America 1200-2000 177745, 21800. All in Portuguese, except for Tetum to East Timor 1100-1200 17740. (RDP/ Francis)

**South Africa:** Radio Kudirat has resumed transmissions via Meyerton, after leaving shortwave at the end of last year. Current schedule 1900-2000 on 6205 11560. Address: United Democratic Front of Nigeria (UDFN), PO Box 9663, London, SE1 3ZD, England. (Francis) Channel Africa in English, all 30mins unless indicated: 0300 5955, 0400 5955, 0500 11720, 0600 15215, 1300-1455 21530 (weekends only), 1300-1455 17860 (weekends only), 1300-1455 11900 (weekends only), 1500 17870, 1600 6150, 1700 17860, 1800 17870. (Channel Africa/ Francis)

**Spain:** REE via relays: Costa Rica - 3210 0100-0400, 5970 0100-0400, 5970 1100-1700, 5990 0100-0400, 6020 0100-0400, 9630 1100-1400, 9765 0000-0100, 9765 1400-0000, 11795 1300-1800, 11815 1100-1400, 11815 1800-0000, 11880 2200-0400, 15125 1400-2200, 15170 1300-0100, 17850 1700-2200; Beijing 9620 1000-1200, 9660 1000-1200; Xian - 11910 1200-1400. English programs: 0500-0600 6055, 1900-2000 9595, 2200-2300 9595, 9655 1800-1900, 9700 2100-2200, 15285 2000-2100, 15385 0500-0600. (REE/Francis)

**United Kingdom:** Merlin Network One has rationalised its usage of frequencies on shortwave: it appears that 13720 for Oceania from 0600-0900 has been deleted. (Francis)

**Yugoslavia:** There has been much reporting in the international DX press about the on-again, off-again movements of broadcasts from Radio Yugoslavia and Radio Televizija Srbije (Serbian Radio and Television home service). The dramas began on April 23 when the RTS building in Belgrade was bombed by NATO (and several people were killed). Radio Yugoslavia also went off air although its studios were in a different part of Belgrade, and its transmitters are at Bijeljina in Bosnia. However, it appears that the external service programming was fed to the transmitter through the bombed RTS building. The latest state of play seems to be that the home service in Serbian is intermittently on air on 7200 from its trans-

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mitter at Stubline in Serbia in the period from 1600-0700, while Radio Yugoslavia also seems to be operating depending on whether the program feed can be linked to the transmitter site. A recent item carried on Radio Yugoslavia's news service said that NATO had bombed repeater stations used for its broadcasts (probably a reference to the microwave links that carry programming feeds) but they had been quickly restored by technicians. English is scheduled at 1830 6100 and 9720, 1900 7230, 2100 6100 and 6185, 0100 and 0430 9580. (Various reports/Francis)

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**shortwave.mailbag@radiodx.com** *Laurie Boyer, Invercargill*

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Well a few more members notes this month. Let's have more for June and build up to a record for the Millennium. It hasn't been good reception down here this last month and it has been very noisy as well. For myself I was in a pedestrian versus bus confrontation. The bus won and I have been a bit sore for the last couple of weeks. The moral of the story is if you stand on the side of the road waiting for a bus to pass remember to allow for the wing mirror.

Let's start with **Bryan Clark, Auckland** who has the 50th anniversary QSL from Radio New Zealand International 9700 Khz. More next month please Bryan.

**Ken A Baird, Christchurch** has Radio Taipei International on 15600, 11740 and 9985, ORF Austria 6155, Radio Japan 21610, Voice of Russia 9655, 7125, REE Spain 9680 and 6055, Radio Sweden 13625.

**Paul R Peacock, Blenheim** has only one in from Radio Canada, a special for the 4th of April Programme on 13650. That was a pretty swift reply.

**Ian Cattermole, Blenheim** with a good list, starting with Radio for Peace International on 6975 & 21640, Radio Habana Cuba 13720, Radio Ukraine International 21510, Voice of Russia 7310 & 9480, IRRS 7120, Radio Taipei 15345, RTBF 9490 & 13820, Radio Voz Cristiana 11890, 11690, 15375, 11745, 21500, Voice of the Mediterranean 11770 & 7155, VOA Tinian 13650, VOA Kavala 9740, VOA Lampertheim 7190, Radio Portugal 13700 & 15555, Radio Prague 7315, 9585, 11640, Swiss Radio International Julich 9620, Radio Netherlands Madagascar 12090, REE 7275, Voice of Vietnam 7270, KSDA 11625, Radio Canada International Skelton 9555. Well done Ian. I hope our Cricket Team can score like that.

**Chris Martin, Ormeau, Queensland** has verified by e-mail AFRTS on 12689.5 & 6458.5. In late March Chris heard an unidentified Russian on 5070 around 1900 UTC playing Beatles music and telling jokes. Wonders if it is a private Russian or a pirate. Anyone who can help with this one?

**Lindsay Robinson, Invercargill** has Radio Rossly 9600 & Radio New Zealand Anniversary verie on 11905. Lindsay has shifted further along the street and says shortwave is pretty good in this location.

**Barry Williams, Auckland** has three back with Radio Australia 21710 special test, FEBA 11885 & TWR via Sentech 11735. Enjoy your travels.

**David McGaughey, now of Clarks Beach** reports them in from Whra 13760, Papua New Guinea 4890 [1997 report], WSHB 15665 & 9485, VOA Tinian 13650, Radio Netherlands Bonaire 21590, Voz Cristiana 21550, Radio New Zealand Anniversary broadcast 9700, Radio Austria International 21650. I wonder if Papua New Guinea has started verifying again as I had one from 1997 also.

**David Norrie** has CKZU 6160 Vancouver 1kW back. Another good one this month David.

**Jack Searle, Haumoana.** Replies from Radio Vlaanderen International 15915 with a nice pen and a sticker. VOA Breich Morocco 5995, Swiss Radio International via Montsinery 13700, Radio Portugal on 13670 and 13700. Thanks for the letter Jack, I can only concur and hope for better. Take care of that health.

**Laurie Boyer, Invercargill** has them back from Papua New Guinea 5965, Radio Canada International 9770, 11945, 11865, 9780, Radio Austria International 21650, Radio Armenia 7480, Voice of Russia 17625, 17765, Radio Finland 11755, 17820, Radio Australia 17580, Bulgaria 7375, Algeria 7245, VOA Botswana 12080, VOA Philippines 17735, VOA 11790, 17735 who confirmed the reports but could not verify the location.

**Best of Month** Under 9MHz **David Norrie** with CKZU 6160kHz 1kW. Over 9MHz, a tie according to the League points system. **Barry Williams** with TWR via Sentech 11735 100kW and **Laurie Boyer** with VOA Botswana 12080 100kW

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**utilities@radiodx.com** *with Evan Murray, Auckland*

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Thanks to all the contributors this month, with the request that all contributions include the date of logging in future. Also it is important to show the station CALLED first, followed by the station CALLING. Thanks this month to: NJ Noel Jones, BJ Basil Jameson, NMK Neville McKenty, JC John Charlton and your scribe EM.

- 3261 0732 ZKBY Taupo with WX S Island. Showers easing Saturday. NJ
- 3345 0730 ZKBY Taupo with WX N Island. Wet showery thunderstorms. NJ
- 4125 1024 Red flare sighted S of Kapiti. Vessels with further info call ZLM. NJ
- 4375 1006 Canberra Control/Wannabull Charlie S. RAN. NJ
- 5634 1957 Perth/Oz Cargo. JC
- 5658 1924 Kabul/Thai 921. Boeing 747. Frankfurt to Bangkok. JC
- 5680 1907 Glasgow/Rescue 12(Heli) advises Marines it is en route to crash site and will illuminate it. JC
- 5680 1935 Unid/Canberra RCC with posn crash site missing F111 S China sea. JC
- 6218 0926 You getting battered by cyclone? NJ
- 6526 0845 Unid LDOC. Carib accent. Bridgetown or Kingston? EM
- 6637 0516 Houston/Polar 0133 over St Louis. PP to Ops Miami. JC
- 6637 0516 Cedar Rapids/American 923 over SJE. May be VOR/DME San Jose del Guaviare, Colombia. JC
- 6637 0516 Miami/Big A 615 departed Panama 0826/31. Estimate San Jose 0919. JC. (Arrow Airways USA Ed)
- 6637 0517 Cedar Rapids/Unid departed O'Hare 0945/1002. Dest Seattle. JC
- 6637 0516 Hamilton Ops/Freedom 312 rrequesting WX. JC
- 6834 0845 Callshare station LB. Possible oil rig. Request for materials to make O-rings, also for main head drive to be despatched Tuesday. Aussie and Indian accents. NMK. (May be Lebanon tho mode listed as RTTY Ed)
- 6849 0850 P28BM Port Moresby/Stations working May River. Goroka, Wewak. Request equipment next Heli shuttle. Check fuel and Avgas Goroka. Next trip will be May 19. Mike and Paul. NMK
- 8122 0852 Darwin Control/3 Victor India. RAN. NJ

8710 0815 Australian ship to ship. Problems with prawn chillers. Replaced blue coils and required a C393 3/8 union. NMK

8734 2029 SVN 42 Athens Marine Radio with traffic. JC

8737 2032 5BA 42 Cyprus Radio with ID. JC

8749 0800 WOO , New Jersey. Taped instns for high speed R/T call signs. NMK

8825 1921 Santa Maria/Springbok 202, -45c, 270/60. EM

8825 1923 Santa Maria/Jetset 633. Jetset UK. EM

8825 1916 Springbok 202/Santa Maria. Climb to and maintain?. EM

8855 0550 Springbok 202/Belem. Call Recife 10096. JC

8855 0855 Porto Velho/La Paz with traffic. JC

8861 0532 Recife/Springbok 204. JC

8861 0526 Dakar/Iberian 6807. JC

8861 0061 Dakar/Varig ?. EM

8867 0644 Auckland/Singapore 7296. FL 390. Call Auckland 123.9. EM

8867 0647 Brisbane/Reach E2. EM

8867 0527 Petro 51/Brisbane. Contact Williamtown 133.1. NJ

8891 1925 Bodo Norway heard in crashing QRN. JC. (Bodo is 67 degrees N Ed)

8906 0812 Santa Maria/Reach 05. BJ

8921 1849 Speedbird London/Speedbird 703. Arrange taxi Gatwick 2045. EM

8921 2016 Speedbird London/Speedbird 142. Over Pakistan. SC check. JC

8921 2016 Speedbird London/Saudia 924 on ground Brussels. SC check. JC

8930 0504 Stockholm/REZ. SC check KSBP. Confirm ETA Gatwick. BJ

8930 1640 Liner 9130/Hong Kong Radio. Where are you and what is your location. PP on frequency 16256. NJ

8942 1038 Hong Kong/Saudia 811. EM

8942 0940 Singapore 982/Hong Kong. SC MSCH. Sec 5655. NMK

8951 0100 Tokyo/Japanair, Delta 56, National 202, NW 96, Cathay 888. NMK

8952 0650 Cordoba, Argentine. Volmet San Rafael, Punto. NMK

8974 0842 Windsor 558/Air Force Perth. Change to 9022. NJ

8974 0855 Air Force Sydney/Tiger 367 Macchi. Will try again 0924. Macchi 76 Squadron RAAF. NJ

8992 0937 Goose 18/Kadena. Parking slot will be L8 Kadena. WX 1500 scattered. Goose is aircraft MC 130E. NJ

8992 0955 Yakota AMCC/Reach 6183. Did you get our Satcom message? Tail number 60183. ETA your station 1040. NJ

9007 1605 Air Force Sydney/Mariner 005. Richmond WX. Will call 30 mins. NJ

9022 0842 Air Force Perth/Windsor 558. For Air Movts. Should be with you scheduled time. NJ

10024 1046 Qantas 115/Santiago. Posn 63 S 105 W at 118. JC

10072 0847 Freedom 118/Hamilton Flight Dispatch. Your off blocks time, will advise Hamilton Ops. JC

10915 1955 "Jago flights, where are you now?. "Just barely in to France". JC

10915 1955 Jago 84/Jago 79 with WX Tirana. JC

10915 2021 Jago 77/Jago 62. "You guys still on the ground down there or are you just starting out for Ramstein". "We're on our way back North". JC

11175 1715 Navy 2/Navy HD 754. NJ

11175 0415 Ramstein/Jago 94. Request Ramstein WX. JC

11175 0449 Hickham/Bradie 12. NJ

11175 0620 Mainsail/Ascot 71 with coded messages. Ascot RAF. BJ

11175 0624 Elmendorf/Reach 291 for PP. BJ

11300 2010 Unid/Yemeni 861 and Kenya 314. JC

11300 2020 Khartoum/Condor 314. Condor Flugdienst GMBH, Germany (GMBH translates as "limited" ED)

11300 0435 Tripoli/Saudia 7357. BJ

13200 0458 Darwin Dispatch/Aussie 679. Estimate on blocks 0705. PP via Anderson. Re-fuel 4200 gallons.. Customs, Immigration, 8 crew. External power. A97-180 C130. SC LPGH. NJ

13333 0810 Unid/Favoura 7402. Would you like Charles de Gaulle WX. NJ

15016 0945 Reach 8FZ/Anderson. Current altimeter 974 for lowest. How copy? NJ

15016 0524 Anderson/Reach 404. PP to Australia. NJ

15016 0551 Williamtown tower/Reach 405. NJ



**bandwatch.under9@radiodx.com** with Ken Baird

Please note that all frequencies should be in kiloHertz, time in UTC (=GMT = UT), # indicates reception report sent. For reasons of accuracy some positive ID from the station heard would be desirable, otherwise the ID of the station heard should be shown as tentative. Similarly for languages - either IDed, Presumed or Unid. From experience over many years it is very difficult to pick the various languages used, particularly in Central and Eastern Europe and Asia .

kHz	UTC	Country, Station, Programme, & Reception Details
3200	1800	SWAZILAND, TWR fair with ID in EE then relig prgm - LM 2/4
3223	1520	INDIA, AIR Shimla in vernac with discussion, poor - KAB 6/4
3250	1811	NTH KOREA, R Pyongyang fair in Korean, music from 1830 // 3320 poor - KVB
3288	1815	MALAGASY REP, R Malagasikara fair with childrens choir , Easter prgm off at 1900 - LM 2/4
3356.3	2030	LUANDA, R Nacional v good with Afro pops and Portugese announcements, into EE at 2100 - Lm 3/4
3850	1045	BOUGANVILLE, R Independence fair with Island music and ID in EE - LM 1/4
3935	1512	NZ, Radio Reading Service with relay of National Prgm, fair - KAB 6/4
3985	2045	ITALY, IRRS poor with EE relig prgm - LM 2/4
3995	0450	GERMANY, DW fair in German with news and IDs at 0455 & 0500 - KVB
4697	1756	INDONESIA, RK Informasi Per'n Surabaya fair in Indonesian w/ ID at 1800 - KVB
4748	1030	PERU, R Huanta 2000 poor in Spanish with IDs and greetings - LM 1/4
4748.3	1040	PERU, R Huanta 2000 fair in Quecha - IC
4770	1800	NIGERIA, FRCN, Kaduna v good with R Nigeria ID and EE news - LM 3/4
4775	1015	PERU, R Tarma good with ID and Spanish commercials - LM 1/4
4800	0830	MEXICO, R Transcontinental de America with numerous Spanish IDs , mariarchi music - LM 1/4
4810	2015	ARMENIA, V of Armenia gd w/ fanfare ID & EE political commentary - LM 2/4

4815 1815 BURKINA FASO, RTV Burkina good in French with ID and commentary - LM 2/4  
4819.50548 HONDURAS, La Voz Evangelica poor / fair in Spanish with music and ID at 0603 - KVB  
4820 0915 ECUADOR, La Voice Evangelica good with Spanish relig prgm. Off at 0928, back at 1030. - LM 1/4  
1830 BOTSWANA, R Botswana fair with undermodulated relig prgm - LM 1/4  
2045 ANGOLA, EP da Huila good in Portugese with 1970's pops - LM 4/4  
4835 1943 MALI, RTM good with French commentary // 4783 - LM 3/4  
4845 1043 BOLIVIA, R Fides good in Spanish/Quecha announcements and pan flute music. Was over RTM Malaysia - LM 5/4  
4855.83 1000 PERU, R La Hora poor with ID and Spanish notices, music - LM 5/4  
4870.27 1115 PERU, R Majestad good in Spanish with ID and slow ballads - LM 5/4  
4885.6 1015 BOLIVIA, R Sararenda poor in Spanish with latin music and splash from PNG on 4890 - LM 5/4  
4890 0508 GABON, RFI relay poor in French with IS at 0515 // 9790 good - KVB  
4913.51045 PERU, R Cora with ID in Spanish 1058, news at 1100, 1105 music and jingle, excellent - NMK  
4915 1800 GHANA, GBC good with EE ID and news - LM 2/4  
4945 0910 BOLIVIA, R Illimani good with ID and pan flute music - LM 4/4  
4950.2 0910 ECUADOR, R Bahai v good w/ canned IDs and Andean music - LM 2/4  
4955 0930 PERU, R Cultural Amauta good with ID and Spanish news and info - LM 1/4  
4965 1843 ZAMBIA, R Christian Voice fair signal but heavy QRN w/ mx & ID at 1859 - KVB  
4980 1030 VENEZUELA, Ecos Del Torbes v good in Spanish with good IDs - IC  
4985 0745 BRAZIL, R Brazil Central, fair in Spanish with music and ID at 0758 - KVB  
4990.9 0900 PERU, R Ancash gd w/ ID SS commercials , huayno music - LM 1/4  
4995.6 1000 PERU, R Andina poor with ID & SS commercials and music - LM 1/4  
5003.4 1830 EQUATORIAL GUINEA, R Nacional fair in vernac., closes 1900 - BML  
5012 1800 ZIMBABWE, ZBC v good with ID as Radio Two, with relig prgm, 3306 a different prgm - LM 1/4  
5018.71125 PERU, R Horizonte poor w/ drifting het. in SS w/ commercials & music - LM 5/4  
5025 1030 PERU, R Quillabanba good with OM w/ several slogans & latin music - LM 5/4  
5035 1316 BHUTAN, BBS fair with EE news - BML 8/4  
5770 1135 NICARAGUA, R Miskurt poor with OM with political commentary fading out 1226 - LM 3/4  
5850 0700 GERMANY, Sunrise Radio v good with news, ID and EE Job Desk - LM 2/4  
1900 GERMANY, Sunrise Radio fair in EE with music and IDs - KAB 18/4  
5940 1945 BELGIUM, RVI poor in EE, mach GRM - IC  
5972.98 1515 MYANMAR???, Myawaddy Radio poor with commentary by OM, no IDs spoilt by het - LM 2/4  
5975 2050 SINGAPORE, BBC WS with Sports news in EE fair // 6180, 7325, 6195 - KAB 5/4  
5986.77 1430 MYANMAR, V of Myanmar good with ID then EE music - LM 1/4  
5990 1930 ETHIOPIA, R Ethiopia v gd w/ national srvc & Afro music // 7110, 9705 - LM 2/4  
5993.3 1600 MALAWI, Malawi BC poor in EE with ID and news , splash from R Australia on 5995 - LM 3/4  
6010 0730 MEXICO, R Mil good with Spanish ID and pop music - LM 2/4

6040 0930 BRAZIL, R Clube Do Para v good in Portugese, regular - IC  
6055 0930 JAPAN, R Tampa always good in Japanese - IC  
1830 RWANDA, Radiodiff de la Rep fair with ID and French Afro pops - LM 2/4  
6060 0930 ARGENTINA, R Nacional good with ID and tango music. First time heard this year. - LM 4/4  
0930 ARGENTINA, R Nacional v good in Spanish - IC  
6065 0940 JAPAN, BBC WS relay v good in EE until 1000 - IC  
1930 SWEDEN, R Sweden v good in EE with 60 Degrees North - KAB 12/4  
2130 SWEDEN, R Sweden fair in EE with 60 Degrees North // 9430 better - KAB 12/4  
6070 0945 CHILE, R Voz Christiana v good in Spanish - IC  
6080 0600 SAO TOME, VOA in EE with s/off at 0630 - JSB  
6090 0800 CHILE, R Esperanza with ID and relig prgm in EE ( from USA) - LM 5/4  
6095 2000 GREECE, VOA with VOA News Now in EE with ID at 2008 - KAB 31/3  
6105 0945 USA, WYFR poor in Spanish with relig prgm - IC  
6105.60950 BOLIVIA, R Panamerican good in Spanish with ID and flute music - LM 5/4  
6130 1830 GHANA, GBC Radio 2 good with relig Easter prgm in Hausa - LM 3/4  
6135 0930 BOLIVIA, R Santa Cruz good in Spanish with ID and prgm preview - LM 5/4  
6140 0625 OMAN?? BBC WS very weak with news in EE - NMK  
6145 0500 CANADA, RCI with First Edition news prgm in EE good w/ ID at 0510 - KAB 12/4  
6150 0950 BRAZIL, R Record good in Portugese some nights - IC  
1030 SINGAPORE, R Singapore Intl relaying News Radio at this time. Fair in EE - IC  
1100 SINGAPORE, R Singapore clear with news and comment in EE - JSB  
6154 1000 INDONESIA, RRI Biak fair in Indonesian - IC  
6160 0728 BRAZIL, Sistema LVB Mundial fair in Portugese with repeated IDs - BML  
6165 0430 NETH ANTILLES, RN from Bonaire in EE with news - JSB  
1845 ZAMBIA, ZNBC good with EE ID and rap music - LM 2/4  
6175 0400 CANADA, BBC WS in EE with News Hour // 6185 - JSB  
6180 2000 CYPRUS, BBC WS gd in EE w/ nx of Kosovo // 5975 exclnt, 7325 gd - KAB 20/4  
2000 CYPRUS, BBC WS with world news in EE , good - KAB 31/3  
6185 0800 MEXICO, R Educacion good in Spanish with Latin music, ID at 0815 followed by more music - KAB 18/4  
6210 1845 ETHIOPIA, R Fana v good with Afro pops , IDed as Reido... Fana - LM 1/4  
6525 1245 NTH KOREA, R Pyongyang in JJ w/ ID at 1255, gd w/ classical mx pgm - NMK  
6975 0745 COSTA RICA, RFPI w/ EE prgm for United Nations, poor. Also hrd at 0915 - NMK  
7120 0730 ITALY, IRRS poor with ID then relig prgm in EE - LM 4/4  
7125 0400 RUSSIA, V of Russia good in EE - BML  
2200 GUINEA REP, RTV Guineene good with fanfare ID and news in French - LM 4/4  
7150 0432 ITALY, RAI v fair in EE with news and music, ID at 0434 and s/off 0440 - KVB  
7155 0500 CIS, V of Malta with news?? after ID in unid language, good - KAB 12/4  
7170 2030 TURKEY, V of Turkey v good in EE on this unlisted new freq. - IC  
7210 2030 TURKEY, V of Turkey in Turkish ??? with comment, fair after ID - KAB 5/4  
7230 1910 YUGOSLAVIA, R Yugoslavia with EE news until 1915 then freq schedule and off at 1925, excellent - NMk  
7250 0500 VATICAN, R Vaticana with relig prgm in EE, good - KAB 12/4  
7285 1930 POLAND, Polish Radio gd w/ ID & prgm in EE // 6095, 6035 blocked - LM 3/4  
7345 1930 SLOVAKIA, R Slovakia Intl good in French with IS, ID then news - KAB 18/4

7465 0500 NORWAY, R Norway in Norwegian after IS, ID in EE, good - KAB 3/4  
 0530 NORWAY, R Denmark in Danish after IS, ID, good - KAB 3/4  
*Thanks to all the contributors for this month. 73's, Ken Baird*  
**CONTRIBUTORS FOR THIS MONTH:** BML - Bill McLeod, Christchurch R5000, 60m wire,  
 12m vertical : IC - Ian Cattermole, Blenheim, NRD 535, T2FD, Alpha Delta : JSB - Jon  
 Standingbear, Beaumont, California, USA , DX 375, ATS 818, 30m wire, Vertical : KAB - Ken  
 Baird, Christchurch, R5000, ATS 909, 15m wire, Eavesdropper : KVB - Kevin Braysshaw, Levin,  
 FRG7, HF loops and 5 MHz dipole : LM - Leigh Morris, Coorong Natl Park, Sth Australia, R8A,  
 280ft long wire : NMK - Neville McKenty, Napier ,R70, NRD 545, Sloper, DXSW Listener.  
 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

## bandwatch.above9@radiodx.com with Andy McQueen

Hello from Trentham where the rains have come at last and its being pouring all day  
 and night, but the temperatures are more like Surfers Paradise for this time of the year.  
 Talking of Australia, a big welcome to new contributor Leigh Morris from Morphet Vale South  
 Australia. We have listings this month from Iceland to Antarctica and from A to Z Armenia to  
 Zanzibar. All times are UTC.

KHZ	TIME	COUNTRY	STATION & PGM	DETAILS	INITIALS
9200	1930	SUDAN	R Ondurman	Good in EE with Id and political commentary Fuzzy Modulation LMM	
9380	0700	CROATIA	Hvatski Radio	Good in EE with Id and news in Croatian No EE LMM	
9405	1020	PHILIPPINES	? FEBC V/	Good in Asian Lang Anthemn 1025 NMK	
9410	0400	GREAT BRITAIN??	BBCWS	Good in EE with the World Today 13/4 KAB	
9430	2130	SWEDEN	R Sweden	Fair in EE 60 degrees Nth with some QRM 14/4 KAB	
9440	2030	CHINA	CRI	Good in EE 'Voices from other Lands' 16/4 KAB	
9489	0430	GEORGIA	R Sukhumi	Azerbaijan Fanfare then Political commentary LMM	
9495	0100	GERMANY	Universal Life Radio	Weak but audible in EE IC	
9495	0230	SWEDEN	R Sweden	Good in EE This station has several new freqs IC	
9510	0200	ROMANIA	RRI	Fair in EE // 11725 BML	
9525	0300	INDONESIA	Vof Indonesia	fair with id News headlines and mx // 11795 Poor audio LMM	
9550	0500	CANADA	CRI relay	V/gd in EE with Nx and Cultural information pgm & People in the know #PRP	
9560	1600	ETHIOPIA	R Ethiopia	Powerhouse signal in EE Fanfare Id Pop Mx with News at 1600 LMM	
9575	0500	MOROCCO	R Medi Un	Good in FF with Id and pop mx LMM	
9580	0530	GABON	Africa No1	Good in FF with News Id and Mx LMM	
9625	0640	ROMANIA	RRI	Good in EE until 0655 // 11855 Suffers heavy QRM IC	
9655	0030	AUSTRIA	ORF / R Austria	int Good in EE Item on Straus Museum AMQ	
9680	2030	THAILAND	R Thailand	HSK9 Good in GG after I/sig & Id S E Asia & Thai news for 15 minutes KAB	
9705	0515	MEXICO	R Mexico	Int Fair with Merengue Mx and SS feature pgm LMM	
9710	2125	ITALY	RAI	Int Fair opening in EE to Near East Some QRM HJS	
9721.7	0500	PERU	R Victoria	Lima Fair in SS with commercials Fanfare Id and Mx LMM	

9740	2030	SINGAPORE	BBCWS	V/good in EE with World news HJS	
9780	0600	YEMEN	R San'a	Poor in EE with Id Time pips Cmtry and AA Mx LMM	
9825	1750	JAPAN	NHK/R	Japan Fair in EE with Asia's top news storys AMQ	
9850	0138	GT BRITAIN	Merlin Network	One Fair in EE Pgm summary & Mx Id 0141KVB	
9855	0050	GERMANY	R Vilnius	Lithuania fair with S/off in EE AMQ	
9880	0700	CZECH REPUBLIC	R Prague	Good in EE IC	
9885	0100	SWITZERLAND	SRI	Good in EE with World Radio Switzerland.AMQ	
9895	1853	HOLLAND	R Nederland	Flevo Good in EE with full Id and freqs AMQ	
9925	0700	BELGIUM	RVI	Fair in EE with 'Brussels Calling' HJS	
9965	2015	ARMENIA	V of Armenia	Yerevan gd in EE w/ political cmtry // 4810 better LMM	
9975	0000	USA	KVOH	Fair with EE/SS Id Christian contemporary Mx LMM	
11470	0633	ITALY	SWRS	Poor in USB mode with pirate radio relays Multi lingual Id's LMM	
11595	2105	GREECE	ERT	Thessaloniki Fr-Gd in Greek HJS	
11600	0330	CZECH REPUBLIC	R Prague	Fair in EE w/News & Current Affairs 13/4 KAB	
11615	0300	CZECH REPUBLIC	R Prague	Good in EE IC	
11620	0345	TAJIKISTAN	R Dushambe	Fair in EE with cmtry by Yl then folksongs LMM	
11620	2030	INDIA	AIR	Good in EE Trad Mx Id in EE 2100 then News Id again 2105 NMK	
11680	1610	IRAN	IRIB	Fair in EE with news and commentary // 13605 better AMQ	
11660	1030	GUAM	KSDA'AWR	Voice of Hope Good in EE IC	
11690	0515	CHILE	Voz Cristiana	Fair in SS with rlg pgm and Id LMM	
11690	1610	JORDAN	R Amman	Good in EE with Johnny Cash songs and Quiz AMQ	
11690	2015	CANADA	RCI	with relay of CBC domestic pgm World at Six FF at 2130 NMK 2040 V/good in EE Also the sam on // 11945 at 2135 HJS	
11710	0245	ARGENTINA	RAE	Fair in EE Id and Easter tango music LMM	
11720	0459	SOUTH AFRICA	Channel Africa	Ex in with Id in PP and EE Mx pgm "Kings and Queens of World Beat" into PP at 0530 #AMQ	
11720	2100	BULGARIA	R Bulgaria	Fr-Gd in EE HJS	
11730	1330	JAPAN	NHK/ R	Japan Good in EE with Hello from Tokyo AMQ	
11734.71945		ZANZIBAR	Vof Tanzania	Dole Fair in Swahili with hi life Mx S/off 2054 LMM	
11740	2140	IRAN	IRIB	Excellent in EE with celebration of Spring Id 2151 NMK	
11790	0300	OMAN	BBCWS	Relay Fair/ Good in EE with News HJS	
11810	0400	ROMANIA	RRI	Good in EE to N Am Nx then Challenge for the future about Romania's integration with Nato #PRP	
11900	2200	ITALY	RAI	Int Good in EE after I/sig and Id then News w/ an Italian slant 13/4 KAB	
11930	2130	USA	R Marti	Good in SS with Full Id HJS	
11950	0000	USA	WINB	Red Lion Pa Good in EE with Id then Psalm readings LMM	
11960	0130	NORWAY	R Denmark	V/good in Danish // 13820 & 13805 IC	
11960	2009	BELARUS	R Minsk	Good in EE with News of flooding in southern Belarus. Belarussian songs played. Into GG at 2030 #PRP	
12075	1430	UZBECKISTAN	R Nederland	relay Good in EE IC	
13610	2000	SYRIA	R Damascus	Strong in EE with Id and typical AA music #HJS	
13625	0130	SWEDEN	R Sweden	Good in EE IC	
13630	1630	UAE	R Dubai	fr w/ noisy QRM w/ News in EE // 13675 better into AA 1640 AMQ	
13650	0740	USA	WSHB	V/ GOOD in French to Africa IC	
13650	1240	CANADA	RCI	Poor in EE with domestic CBC pgm AMQ 2040 Fair in EE w/Listeners letters pgm Special QSL to listeners to this pgm. #PRP	

13685 1730 GERMANY RVI Julich relay Good in EE IC  
1834 Ex in EE with Current Affairs #AMQ

13690 2205 CANADA RCI V/good in EE on Balkan situation HJS

13700 2015 HOLLAND R Nederland Flevo Ex in EE to Africa S/off at 2025 HJS

13710 2000 SWITZERLAND SRI V/good in EE to Africa HJS

13730 0245 AUSTRIA ORF V/gd in SS with full id at 0300 then GG HJS

13760 2100 NORTH KOREA R Pyongyang Fair in EE IC

13765 1742 VATICAN Vatican Radio Poor in EE with Africa Sce S/off 1800 AMQ

13780 0300 GERMANY D/Welle Julich V/good in EE with Newslink HJS

13860 1414 ICELAND Utarp Reykjavik Fair in Icelandic // 11402 BML

15049 0157 COSTA RICA RFIPI Fair in EE Pgm about automation in the workplace KVB

15110 0500 KUWAIT R Kuwait Good in EE with Time pips Id and Pop mx LMM

15110 1915 SPAIN REE Excellent in SS with Chat show ? Id in SS 2030 NMK  
2230 Strong in SS with News // 11580 weak HJS

15125 0400 INDONESIA RRI Jakarta News by YL in unknown language TTS

15135 1802 RWANDA D/Welle relay Good in Hausa with Nx Id 1807 KVB

15150 2030 INDONESIA RRI Jakarta Fr-Gd in EE with Nx Full Ids Some QRM HJS

15160 0459 GREECE VOA relay Good in AA with Nx Id 0500 KVB

15160 2300 SPAIN REE Terrific signal in SS HJS

15170 0400 TAHITI RFO Fair with Id and local announcements 5/4/99 LMM

15195 0700 BELGIUM RVI Fr-Gd on New freq with 'Brussels Calling' #HJS  
0700 Fair in EE but some nights not audible IC

15215 0408 CANADA? RCI Good in EE with nx and Spectrum Several Ids KVB

15235 2050 HUNGARY R Budapest V/gd in EE with Multi lingual Id's HJS

15240 2050 ITALY RAI Int Good in Portuguese to Africa #HJS

15250 0412 ITALY RAI Int Good in Italian S/on 0415 then Music KVB

15250 0630 FINLAND YLE Good in EE with News & commentary // 21670 fair 13/4 KAB

15255 1120 IRAN IRIB Excellent in EE with Persian language lesson Id at 1151 NMK

15295 0011 PORTUGAL RDP Good in PP Id 0058 Music pgm KVB

15325 0010 SPAIN REE Ex in EE Id 0034 DX pgm and Pop hits NMK

15345 2200 ARGENTINA R Nacional Good in SS with Sports pgm LMM

15375 0210 CHILE Voz Cristina Gd in SS relg // 11690 as good #HJS

15400 0330 UAE R Dubai Poor in EE with Id News and Commentary? Noisy NMK

15435 2033 LIBYA V of Africa Fair in EE Id at 2037 then FF KVB  
2050 V/good in EE with News // 15415 as good HJS

15470 2059 UNKNOWN LOCATION RCI Fr/gd in EE Not listed on latest sked Off suddenly like a relay#HJS

15475 2050 ANTARTICA LRA36 R Archangel San Gabriel Often fair in SS with wandering freq subject to fading at times HJS

15530 1830 MALI CRI relay In AA with some Chinese Severe co-channel QRM Off at 1927 / / 13685 but weak TTS

15545 2130 CZECH REPUBLIC R Prague Poor and noisy in EE IC

15550 2130 GUAM KSDA Opens in EE Station has many new freqs with several in EE IC

15565 0400 BELGIUM RVI Fair in EE with News and comments 13/4 KAB  
2230 Opening in EE to Nth America Fair but noisy IC

15590 1430 MADAGASCAR R Nederland relay Poor in EE IC

15600 2200 USA R Taipei Int relay Fair w/ld freq sked Anthem id & news in EE 14/4 KAB

15640 2310 ISRAEL Reshet Bet Fair in Hebrew to N America // 15615 poor & noisy HJS

15660 2257 ??? R Free Asia EE Id and then off but Korean Scheduled HJS

17385 1000 INDIA AIR Fair in EE with News then Id 1005 NMK

17505 1329 SWEDEN R Sweden Fair in EE with '60 degrees Nth' // 15240 similar but with bad hum from transmitter #AMQ  
1330 R Sweden Good in EE IC

17580 2140 AUSTRALIA R Australia Shepparton Good in EE HJS

17660 2100 ECUADOR HCJB V/good in EE on this new frequency IC

17665 0730 RUSSIA VORWS Fr/gd in EE w/ Kaleidoscope about young Russians & Mx #PRP

17765 1306 CANADA RCI Weak in EE with CBC Toronto domestic pgm AMQ

17815 0108 BRAZIL R Cultura Fair in PP BML

17825 2100 JAPAN NHK/R Japan Good in EE with news Some co-channel QRM HJS

17835 0115 JAPAN NHK/R Japan Good in EE with pgm on water conservation // 17685 had different pgm on crows in Tokyo NMK

17845 2057 USA WYFR V/good in EE with Sunday service Full freq details HJS

17870 0730 AUSTRIA ORF R Austria Int Fair in EE IC

17895 1248 SWEDEN R Sweden Fair in EE with the news that fad diets dont work (Really Earth shattering? - Ed) // 21810 not heard AMQ

18910 0830 NORWAY R Denmark V/good in Danish // 18950 IC  
0930 Excellent in Danish with News // 18950 NMK

18950 1950 NORWAY R Denmark Same format as 0845 Slightly better signal NMK

21485 2330 IRAN VOIRIB In Chinese with Koran reading // 17560 Id heard PWO

21530 0758 SOUTH AFRICA Amateur Radio International Sunday 1 hr pgm in EE SWL segment at 0815 BML

21540 1100 BELGIUM RTBF V/good in French IC

21570 1100 SPAIN REE Excellent in SS with light pop mx // 21670 NMK

21610 0300 JAPAN NHK/RJapan Very good in English HJS

21630 0300 UAE UAE Radio Abu Dhabi V/good with News in Arabic HJS

21640 0500 PAKISTAN R Pakistan Fair in Urdu with Nx then Music S/off 0700 With some QRM from HCJB on 21455 7/4 PWO

21655 2013 PORTUGAL R Portugal Ex to Africa in PP #HJS

21660 0530 THAILAND BBCWS relay Fair in EE to E Asia HJS

21700 0545 UAE R Dubai V/good in EE on Islam S/off 0550 HJS

21715 0450 TURKEY V of Turkey in English with travel pgm NMK  
0550 Strong in Turkish to Australia HJS

My thanks especially to all contributors this month, seeing that once again this column was not published in the previous issue of the DX TIMES. I apologise to the March contributors but it was beyond my control. A new method of dispatch is under trial, so I hope it works well. # Indicates a report was sent to the station.

You are welcome to contact me either via P O Box 3011 Auckland or direct to me at 36A Brentwood Street Trentham Upper Hutt. I do have an Email address: [mcqueenandy@hotmail.com](mailto:mcqueenandy@hotmail.com) but I only look it up at monthly intervals at most. So ordinary mail is better for me. 73's, Andy McQueen  
Shortwave Exchange AMQ Trentham Sony 6800 Ph 04 5274287. BML Christchurch Kenwood

R5000 60m long wire and 12m vertical. **HJS** Jack Searle Haumoana Hawkes Bay Icom R71 100m long wire 19 60m dipoles. **IC** Ian Catermole Blenheim NRD 535 T2FD Alpha Delta. **KAB** Ken Baird, Christchurch Kenwood R5000 ATS 909 15m wire & eavesdropper. **KVB** Kelvin Brayshaw Levin FRG 7 HF Loops and 5 mhz dipoles. **LMM** Leigh Morris Morphett Vale Sth Australian Drake R8A & 280ft long wire at Coorong Nat Park SA. **NMK** Nev McKenty Napier Icom R70 NRD 345 Sloper and DXSW Listener. **PRP** Paul Peacock Blenheim Sony 6800. **PWO** Paul Ormandy Oamaru Drake SPR4. **TTS** Tristram Speedy Manurewa Auckland FRG 7.

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## **broadcast.dx@radiodx.com** with Paul Ormandy, Oamaru

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Brrrr... It's getting chilly out there! And it's a good time of the year to check out those early-morning signals - recently heard Vatican Radio at 1900 on 1611kHz and Frontline Soldiers Radio from N Korea on 1613 around the same time... who knows what other goodies are lurking around?

**Chris Martin, Ormeau, Qld.** "Well finally got down to some antenna repairs whilst at Boreen Point mid April. The pine forest takes its toll on the wires you know with the storms we have been having. Anyway on the first night I was there 20/4 I had a wow of a time on the X Band. Yes folks it was the X Band parade - very civilised with most of the stations presenting themselves individually from east to west for their local sunrise. Highlight for me was logging WHKT Virginia on religious. A new state at last. The following day I ran out a short beverage of 300 meters towards the south west for southern Africans. Mainly aiming for Venda 1035 but ZB is such a pest and it hangs in until after 2300z! Anyway the catch of the morning was VOA Botswana 909 // 7414, 4935 and reliable 1530 at 2000z. Back at Ormeau a few Latins keep their nose above the noise on 730, 760, 960, 1370, 1380, 1460, 1470 & 1500. Logs this month are WRUU 1660, WHKT 1650, WJNZ 1680, KCNZ 1650, KBGG 1700, WTDY 1670, KDDZ 1690, KDIA 1640, & VOA Botswana 909. Noticed whilst scanning across 2BY a promo for : "2CR Western Plains and on Lord Howe Island FM 100 ...". What Lord Howe Is and the NSW Western Plains have in common beats me. One is the most southern coral island in the world and the other is sheep and wheat country. Anyway it seems they are networked for breakfast ! Keep your ears on and good DX till next month." And in an e-mail recently to hand, Chris talks about a new propagation prediction method... "Amazing conditions tonight with east coast Yanks rolling in on my Latin American antenna. The 10kHz spacings on the top end were boiling with S9 signals around 0900z (well after sunset skip time) mixed with Latins ! Very interesting X Band reception as well. When conditions are like this you only need a piece of wet string and a crystal set. I knew it was going to be good because my chooks layed a bumper batch of eggs today." Well, I'm not sure what to make of that!

**John Allchin, Lake Tabourie, NSW** "DX'd at Lake Tabourie, on the NSW southcoast while taking the family on holiday and with no opportunity for serious DX time did roll out 100 metre longwire and connected to a SONY ICF6800W (in need of repair, no digital readout) KBLA-1580, KMIK-1580 and KPNW-1120 the most dominant Yanks around 0800 UTC with activity on a number of other freqs but not ID'd. First US MW DX for me in 18 years. There were NZers on virtually every frequency, many atop the Australians. Once I am restocked with a new receiver, WRTVH (on order) and aerial system I should be able to report on DX activity but being 8km from downtown Sydney may force me to survive on weekend DXpeditions down the coast for anything reasonably exotic." Some members will recall John as being a top-notch

MW DXer in the late 70's and early 80's - and it's great to see the bug is still biting.

**Lindsay Robinson, Invercargill** "Logs from Tiwai: KCNZ 1650, WKHT 1650, WRNC 1670, 4XX 729, Radio Kidnappers 1431, 2EC 1584. QSLs in from: KADZ 1690, KBGG 1700, Radio Rhema 981." Ain't the X-band great!

**Paul Ormandy, Oamaru**, "Another trip to Waianakarua mid-April brought some new logs, namely GB Radio 1620, OAX4S R Maria 580, KTBK 1700, KDDZ 1690 and KMIK 1580. QSLs arrived from KTBK 1700, R Italia, Brisbane 1629, LRL202 R Diez 710, Radio Sport, Dacre 558, GB Radio 1620, KBGG 1700, 2HH 1341, WRNC 1670 & R Asia Pacific 1593"

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### **Merv Branks Trophy**

Paul Ormandy 23, Laurie Boyer 17, Lindsay Robinson 9,  
Paul Peacock 5, Keith Robinson 4, Robin Chambers 1

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### **Best of the Month**

Paul Ormandy with LRL202 R Diez, Buenos Aires 710kHz 10kW

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### **Trail Time**

BJ - Basil Jamieson, Kakanui & Waianakarua. **PWO** - Paul Ormandy, Waianakarua.  
580 0527 PERU R Maria, Lima, pres the one here, strong at times w/SS relig. **PWO**  
650 0542 COLOMBIA Antena 2 Bogota, Colombia. BJ Ids as "En el aire, Antena Dos" **PWO**  
660 0546 COLOMBIA Radio Autentica, Cali, Colombia - also KTNW Window -Rock. BJ  
680 0545 PERU R Programas, MA & FA w/nx items, mentioning Waikato at one stage. In  
// 730 & 790. **PWO**  
740 0600 USA KTRH Houston.Texas. BJ  
850 0519 COLOMBIA HJKC R Net, Bogota, gd w/net promo & tlk prog. **PWO**  
940 0545 USA KFRE Fresno, good steady signal. BJ  
1510 0505 ECUADOR HCHD2 Instituto Oceanográfico de la Armada, Guayaquil, presume  
the one here w/time-pips. **PWO**  
1520 0803 USA KOMA Oklohoma - still on the air following tornado. BJ  
1580 0837 USA KMIK Tempe AZ fr mxd KBLA, running "Radio Disney" local id 0922. **PWO**  
1620 0746 AUSTRALIA GB Radio, Melbourne, gd o/2AM w/relay of "City Beat FM" from  
Belfast, later heard with relay of "Scot FM" from Glasgow and Edinburgh. **PWO**  
1660 0732 USA KXOL Brigham City. Telephone call from San Jose to say station was  
coming in loud and clear. BJ  
1670 0720 USA WTDY Madison, Wisconsin giving nation-wide toll free number. BJ  
1690 0829 USA KDDZ Arvada CO ID at this time as 'AM 1690 Radio Disney'. BJ  
1700 0653 USA WRNU Radio Unica, Miami Springs. BJ  
1700 0757 USA KTBK Sherman TX, fr on peak w/ids prior to the hour, relaying all-sports  
from "The Ticket, AM 13-10 KTCK" **PWO**

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## **broadcast.news@radiodx.com** with Bryan Clark, Auckland

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### **ASIA PACIFIC BROADCAST NEWS**

**NEW ZEALAND** The Radio Reading Service's **2XA 1602** in Levin is to have a power increase from 1kw to 2.5kw, currently scheduled to take place on Saturday 19 June. On that date 2XA and the ZLXA shortwave operations will be off air for the installation and commis-



sioning of the new transmitter, which was previously operated by Radio Rhema on Auckland 1593. RRS are keen to receive reliable reception reports comparing the signal before and after the power change, to assess the impact of the extra power and will offer a special QSL to NZRDXL members participating in this research project. Signal reports should desirably give "S" meter readings in dB's. For this exercise only, please send reception reports for at least three days before and after the change date to:- Kelvin Brayshaw ZL2BCH, 2XA Reception Research, 23 Tasman Street, Levin. Kelvin wants to know who is reporting, from where and with what sort of receiving system. It is numbers RRS want rather than comments about programme. Obviously this will be the last opportunity for DXers to log 2XA at 1kw. The station will give plenty of on-air advance notice of the change and afterwards. (Allen Little ZL2GB, Chairman - NZ Radio For The Print Disabled Inc) (Mark your calendars now to participate in this special monitoring exercise! Ed)

**AUSTRALIA** The following QSL-letter has come from Brendan Grainger at GB Radio, Melbourne 1620 (email gbradio@vic.bigpond.net.au) GB Radio has been going for a few years on and off, but only since 1 December 1999 on a fairly regular 24 hour per day basis. The power output is 400 watts into a vertical helical antenna. The programmes as you would realise are not rebroadcast live, but are on a delayed basis to enable reasonably accurate time calls (for Melbourne). The delay is 15 hours for the first play, and 27 hours for the repeat. The studios are at Bayswater - an Eastern suburb of Melbourne. 1620kHz is the only frequency in use at this time although 1611 in Sydney should be on air later in the year. (Paul Ormandy)

**CHINA** Dongfang 800 kW Radio France International is broadcasting in French 1300-1400 to southern part of Vietnam according to RFI printed schedule. The site is located on westernmost tip of Hainan Island, South China, with open water towards Vietnam and Philippines. (Uwe Vol-D via LR/MW-EKO in MWN 4/99 via NRC's IDXD 5/99) (no frequency specified. Ed)

**HAWAII** Chuck Boehnke in Hawaii advises that KHLO Hilo 850 is now up to a full 5 kw power and that the signal is stronger. Still carries Oldies Rock format. (Pat Martin OR via Greyline DX)

**ASIATIC RUSSIA** Medium Wave stations in Vladivostok: 234 R. Rossii, 234 RS Tikhiiy Okean, 234 R. Vladivostok, 549 RS Mayak, 612 R. VBC (24 hrs), 684 R. Nakhodka (20-14 local program), 738 Russkoye R., 783 R. Lemma (21-14), 810 R. Rossii, 810, RS Tikhiiy Okean, R. Vladivostok, 1098 Nezavisimoye Vladivostok (20-16), 1377 R. Yunost (24 hrs), 1476 Studia O'K (21-12), 1503 R. Ussuriysk (20-14), 1575 R. Evropa Pluys. (Anton Chistyakov/ I Zhurkin in MediDX #48 via NRC's IDXD email 5/99)

#### US X-BAND REPORT from Pat Martin, Oregon USA via Greyline DX email

- 1630 KKWY Cheyenne WY QSLed by email in 15 days for email follow-up report. Verie signer Paul Montoya - Owner. Address: PaulMontoya@aol.com Per verie they only use 1kw day & night and they are doing work on their antenna system.
- 1660 WQSN Kalamazoo MI sent full detailed QSL letter via E Mail in 1 day for e-mail report. Address: 4200 W. Main Street, Kalamazoo MI 49006, e-mail WQSNAM@compu serve.com V/S: William J. Wertz-Vice President.
- 1660 WWRU Elizabeth NJ good with Radio Unica and ID by woman w/SS accent "You're listening to AM 16-60 WWRU serving Elizabeth City and greater New York." That was followed by a "Radio Unica" ID.

- 1680 WTTM Princeton NJ heard with Dance mx and "WTTM" along with "Sports Radio" identifications.
- 1700 KTBK Sherman TX still coming in weak to fair at 0940 EST 4/4 with Sports Talk. It was broad daylight outside! QRM from Radio 1701-Brisbane, which was stronger with their 400 watts. These X banders really skip! Patrick Martin

#### BROADCAST NEWS FROM AROUND THE WORLD

**ALBANIA** Radio Free Europe's Serbian programme seems to be on the air for the whole night on 1458 kHz from Tirana. It is the transmitter which produces terrible intermodulations on 1413 and 1503 kHz. By the way - this transmitter was donated by China some 20 years ago during the crisis between China and Soviet Union. It has been rebroadcasting Radio Peking's programs for Europe. Later, when another crises occurred (this time between China and Albania), the government in Tirana announced that the transmitter will be given at disposal to the "heroic Vietnamese nation" for rebroadcasts of Vietnam foreign service to Europe. But it never happened and Tirana was using the transmitter for its own foreign service. (Karel Honzik, Czech Republic via Medium Wave Circle e-mail via NRC's IDXD email 5/99)

**ARGENTINA** LRL202 Radio Diez, Buenos Aires 710. Friendly e-mail VL from Ruben Gerez, Gerente Tecnico for SS report sent e-mail to rgerez@impsat1.com.ar - thanks to Arnaldo Slaen for this info. Ruben also sent a .gif file of their QSL card and said the real thing was in the post. He comments that Radio Diez is the newest station in B.A. having commenced operation in February 1998. The programs are typically Argentine with local, folklore music and tangos. They have an FM sister-station FM News 98.3. (Paul Ormandy)

**GERMANY** Mega Radio 1575 from Burg was scheduled to start in January. Power 200kw nights and 500kw days. (Play-DX #1006 in MWN 4/99 via NRC's IDXD 5/99)

**ISLE OF MAN** Check out the new site from the Isle of Man, soon to be transmitting on 279kHz. <http://www.longwaveradio.com/> (Medium Wave Circle e-mail via NRC IDXD)

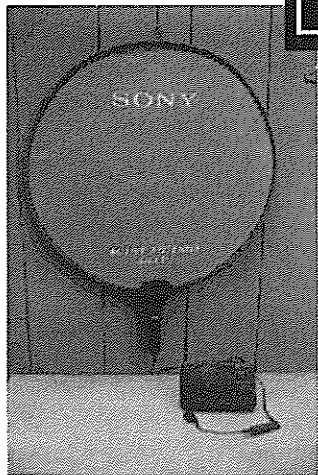
**MEXICO** Semi-local XESS 1450 is now "14-50 AM, La Fuerza de la Palabra". They relay XEDA-1290 Mexico City at least part of the time, which is "R. Trece, La Fuerza de la Palabra". (Tim Hall CA via amfimtvdx@gth.net via NRC IDXD 5/99)

**SERBIA/NATO** In support of Operation Allied Force, elements of the Pennsylvania Air National Guard's 193rd Special Operations Wing have deployed to Germany. Two of the unit's "Commando Solo" aircraft left Harrisburg International Airport Saturday night 27 March, along with one support aircraft. Additional personnel and equipment will depart in a military airlift later this week. In all, approximately 100 members of the 193rd will take part in the mission. The "Commando Solo," which the 193rd flies, is a specially modified EC-130 turbo-prop aircraft. It serves as an airborne broadcasting platform, transmitting messages over radio and television frequencies. Previous deployments have been carried out in support of the Persian Gulf War and during operations in Haiti and Bosnia. (S.Thomma and R.Parker, of Knight Ridder, Washington, in Harrisburg Patriot-News March 29 via P-mail from Brian Alexander, in WOR 984/ Glenn Hauser's SW/DX REPORT 99-17, 4/99) The station is called "Allied Voice" and broadcasts in Serbian on 1003kHz with 10kw, 3 FM frequencies and 1 TV channel (21). The plane flies at 6000 metres high. According to my observations, Allied Voice (Zayednicki Glas) is on the air daily for 3-4 hours (April 25: 1000-1320; April 26: 1030-1400 UTC). The program consists of anglo-american pop and rock with short comments (2-4 minutes) every 15 minutes or so. (K.Honzik, Czech Republic, MWN e-mail via NRC)

**USA** Radio Unica Network HQ has sent a very friendly verification letter, World Cup '98

# SONY

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- ◆ Compact Size

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poster, copy of their magazine "Unica Times" (in a mix on English and Spanish) and a very colourful T-shirt. All this arrived in a courier carton and was prompted by a reception report sent to Adriana Grillet, VP Affiliate Relations [agrillet@radiounica.com](mailto:agrillet@radiounica.com). Their normal mail address is 8400 N.W. 52nd Street, Suite 101, Miami FL 33166. Tel: 305 463-5000, fax 305 463-5001.

In their magazine there is a list of Owned & Operated stations carrying their programming as well as the affiliates though it is not up to date as the call-sign changes for WCMQ/WRNU and KXFS/KUNX aren't noted, in fact KXFS Ventura-Oxnard 1590 isn't mentioned.

### Owned and Operated AM stations include:

KVCA 670 Los Angeles CA	KBLA 1580 Los Angeles CA
WBAH 1660 Elizabeth NJ	WNMA 1210 Miami FL
WCMQ 1700 Miami FL	KIQI 1010 San Francisco CA
WYPA 820 Chicago IL	KXYZ 1320 Houston TX
KZDC 1250 San Antonio TX	KDFT 540 Dallas-Fortworth TX
KAHZ 1360 Dallas TX	KIDR 740 Phoenix AZ

### Affiliates include:

XEMMM 800 Tijuana	KSVE 1150 El Paso TX
KGST 1600 Fresno CA	KBNO 1220 Denver CO
WACA 1540 Washington DC	KRRU 1480 Pueblo CO
KWIP 880 Portland OR	WWWE 1100 Cleveland OH
WWCL 1440 Fort Meyers FL	KNXN 1470 Tucson AZ

KGLA 1540 New Orleans LA      WQBS 870 San Juan PR      (Paul Ormandy)

VENEZUELA Juan A. Crespo, visiting Fort-de-France, reports the following changes: 600 YVQB R. Sucre (ex Mundial Sucre), Cumuná. 640 YVUZ R. Guarapiche, Maturín (ex-840), 1080 YVNR R. 1080 - R. Informativa, Maracay (ex Mundial 1080). (Medium Wave News 3/99 via NRC's IDXD email 5/99)

[marketsquare@radiodx.com](mailto:marketsquare@radiodx.com)

For sale - Drake R8A communications receiver, one careful owner, ec cond, boxed, \$1600 incl. courier. Call Andy Gardner 025 887544 or write C/- DX Times.

For sale - "Equinox" baluns, 9:1 ratio housed in waterproof box, standard PL259 UHF plug connection, easily converted for two wire or single wire aerials, designed for broad coverage i.e. 150kHz to 30MHz. Price \$40 shipped anywhere in NZ. Please order from Paul Ormandy, 33 Greta Street, Oamaru 8901, tel 03 434 5931, e-mail [paul@radiodx.com](mailto:paul@radiodx.com)

[branch.news@radiodx.com](mailto:branch.news@radiodx.com)

Southland must be still celebrating the Netball win, and I can only assume that Auckland has either suffered another power outage, or is busy preparing for APEC, as I haven't heard a squeak out of either. North Otago Branch, on the other hand, has *no* excuse. Andy

[adcom.news@radiodx.com](mailto:adcom.news@radiodx.com) compiled by Bryan Clark, Auckland

WELCOME TO NEW & REJOINING MEMBERS - JOHN CRUMP 36 Bowwater Place, Manurewa, Auckland 1702 (enrolled via Internet); JOHANNES ROL, 8 Lloyd Avenue, Papatoetoe Auckland 1701 (via Internet); ROBERT PARK, P.O. Box 30-152, Lower Hutt (joining as a result of encouragement from current and former League members); and DOUGLAS JOHNS, P.O. Box 1609, Christchurch. Welcome gentlemen! Johannes came to NZ from the Netherlands in 1972 and has used a Sangean ATS909 receiver for some years. He has collected QSL cards from shortwave stations in Sweden, Switzerland, Canada, USA, Japan, amongst others and is keen to hear more European broadcasters. Douglas rejoins the League after a long break — he was a very active member back in the 1960s. Robert has some hobby queries which we'll answer here — an address for Sunrise Radio, relayed from Julich Germany — Sunrise House, Sunrise Road, Southall, Middlesex UB2 4AU, United Kingdom; An address for the Voice of Africa, out of Libya — a couple of suggestions - P.O.Box 17, Hamrun, Malta or Box 4677, Soug al Jama, Tripoli, Libya. Robert also has a QSL for Brother Stair's station 'The Overcomer', heard on 11965kHz. The most likely site for this is Julich Germany too. (Thanks to PAUL ORMANDY, Piet Pypers and Mauno Ritola for their input.)

REPRINT SERVICE? Our very active Paraparaumu member CLIFF COUCH has suggested that the League operate a service providing members with copies of articles previously published in the 'NZ DX Times'. He envisages reprints being available for the cost of photocopying, postage and a nominal handling charge. He thinks ready access to past technical articles, especially the results of members' experimentation, will help save newer members from 'reinventing the wheel'. Adcom is supportive of this idea and would like to hear from any members interested in helping set up and run a reprints service. Ideally you will have a

computer and proximity to a photocopying service. A computer scanner would also be helpful, but not essential. Please contact National Secretary **EVAN MURRAY** (contact details on back page) if you'd like to help the club.

**RADIO BOOKS** Wellington member **PHIL BARTON** suggests that members report on books and articles they find relating to radio topics with special emphasis on Australia and New Zealand. The details to note are - author, title (periodical title, volume number and date, place of publication, publisher, date of publication, ISBN number and price. If the member wants to contribute a review to the NZ DX Times, all the better! Phil says that, with these details, other members can either buy the publication or borrow it from the local public library. If the library does not hold the item it can be inter-loaned if available elsewhere in New Zealand. Phil was prompted to make this request when he recently discovered such a book that is now unobtainable. Had he known of it when it was published, he would certainly have purchased it. The book in question is "Breaking the codes: Australia's KGB network", by Desmond Ball and David Horner, published by Allen & Unwin, Australia. If you have a copy of this story of international counter-espionage and signals intelligence and would be prepared to loan it to Phil, let the club know and we'll pass in the details.

**PREDICTING GOOD DX** Writing from Queensland, **CHRIS MARTIN** reported on some amazing medium wave DX conditions with east coast Yanks rolling in on his Latin American antenna. Chris says that "the 10kHz spacings on the top end were boiling with S9 signals around 0900z (well after sunset skip time) mixed with Latins! Very interesting X Band (1610-1700kHz) reception as well. When conditions are like this you only need a piece of wet string and a crystal set. I knew it was going to be good because my chooks layed a bumper batch of eggs today." Does anyone else have a tale to share of their non-scientific methods in getting the most from our interesting hobby?

**OVERSEAS EVENTS** Travelling overseas this year? Why not take in one of the following gatherings of like-minded DX enthusiasts in North America. First up is the International Radio Club of America's Convention in Las Vegas on **25-27 June**. IRCA is a medium wave DX club and is joining with DecaloMania, a group dedicated to collecting radio station decals, for this convention. For more details, contact host Mike Sanburn, PO Box 1256, Bellflower CA 90707-1256, USA, telephone (001) 310-614-1444. TV and FM Dxmrs will head for the Worldwide TV FM DX Association's convention in New Jersey between **16 and 18 July**, at a location less than an hour from the Newark Airport. For more information e-mail Rick Shaffan at shaffan@ptd.net The National Radio Club, another medium wave only club, will hold its 1999 convention at the Holiday Inn, Bridgeport in West Virginia on **3-6 September**. For more details contact the host William Swiger, One Casey Lane, Bridgeport WV 26330, telephone (001) 304-842-4635. Finally, Ontario DX Association invites radio enthusiasts of all interests and all levels to join them for Radio Fest 99. Following on the success of the first Radio Fest event in 1998, this will be one of the major radio listeners event of the year in North America. Radio Fest 99 will also celebrate the 25th anniversary of the Ontario DX Association, Canada's largest radio listeners' club. Dates are **Friday 24 September to Sunday 26 September** and venue will be the Ramada Inn & Convention Centre, Oakville, Ontario. The theme of Radio Fest 99 is "Celebrating 25 Years of Radio Fun" and the programme will look at "Where we have come from in radio's past", "Where we are today", and "Where are we going in the future". Contact for further information on Radio Fest: is Ontario DX Association, P.O. Box 161, Station A, Willowdale, Ontario M2N 5S8, Canada. E-mail : [odxa@compuserve.com](mailto:odxa@compuserve.com) World Wide Web: <http://www.durhamradio.com/odxa>

## Celebrating a Famous DX Milestone

Saturday 22 May 1999 is the 75th anniversary of a very significant DX milestone between New Zealand and South America. The event is described as follows in the excellent publication "Ham Shacks, Brass Pounders & Rag Chewers, a History of Amateur Radio in New Zealand" written by Ian Dougherty. The book was published in 1997 by the NZ Association of Radio Transmitters, in association with the Historical Branch of the NZ Department of Internal Affairs. On page 39, in the chapter called 'Short Waves & Long Ways' we read:

"The boundaries for two-way contacts were pushed further in 1924, all the way across the Pacific. On the 22nd of May, Ivan O'Meara [Z-2AC] in Gisborne made the first two-way contact with South America when he communicated with Carlos Braggio [R-CB8] in Buenos Aires in Argentina. Their 10,300-kilometre morse code conversation established a world distance record for two-way radio communication. The two men exchanged cables congratulating each other on their record. O'Meara noted in his logbook, "the greatest event in my radio history."

In cooperation with the Argentine Embassy in Wellington, the NZ Radio DX League is marking this milestone with a special award certificate that will be published in early 2000, at the end of the award period.

The award requires participants to tune into Argentine radio stations — these may be on medium wave or shortwave, an international or domestic broadcaster, a utility or amateur transmission. The Argentine station operating from Antarctica is also eligible.

To qualify for the award, you need to submit either:

- a) a photocopy of 1 QSL verification confirming reception of an Argentine station during 1999. A copy of the reception report may be necessary to validate the date of reception, or
- b) photocopies of your logging notes establishing your reception of 3 different Argentine radio frequencies.

Entries are to be sent to Argentine Award, NZ Radio DX League, P.O. Box 3011, Auckland, New Zealand, to be received no later than Friday 14 January 2000. To cover printing and postage costs, entries from NZ participants must include NZ\$2.00 in mint stamps, entries from other countries 3 IRCs or US\$3.00.

This DX anniversary is also being celebrated in Argentina, where the contact date was 21 May 1924. The Radio Club Argentino has proposed a special programme of transmissions and awards for the week 16-23 May, including all Argentine amateur operators being permitted to use special ham call prefixes L2, L3 and L4, and a 24 hour CW station on the anniversary date itself. The Radio Club Argentina actually has the very receiver used by Senor Braggio 75 years ago and is attempting to restore it to working condition for the occasion. They will seek to repeat the world record ham contact s with the special callsign of L75CB operating in CW mode on 80 metres for 24 hours continuously on 21 May 1999. L75CB will operate throughout the week 16-23 May and a special QSL is offered. Full details of the awards, which are open to shortwave listeners as well as hams, may be found on the Internet at <http://www.lu4aa.org>

The easiest heard Argentine radio signal in the South Pacific area at present is Radiodiffusion Argentina al Exterior (RAE) on 15345kHz, audible in various languages be-

tween 2200 and 0200 UTC daily. 11710 may also be audible after 1000 UTC. On Sundays and Mondays (NZT), RAE relays the domestic service Radio Nacional. In our evenings, Radio Nacional may also be audible on 6060kHz. Much more difficult is LRA36 Radio Nacional Arcangel San Gabriel from the Argentine base at Esperanza in Antarctica, transmitting on 15475.8kHz between 1800 and 2100 UTC (to 2000 weekends). Argentine SSB utility transmissions, including occasional relays of various Buenos Aires domestic MW and FM stations can sometimes be heard on 15820kHz.

## Domestic Broadcasting Service (DBS)

NEW PUBLICATION AVAILABLE - edited by Anker Petersen for the DANISH SHORTWAVE CLUB INTERNATIONAL

The DSWCI which counts about 400 experienced DX-ers in 45 countries all over the world, has just published its annual Tropical Bands Survey for the 27th year in a row. Since most DSWCI members are devoting most of their DXing to domestic broadcasting stations, not only on the tropical bands (120, 90 and 60 mb), but also on the higher shortwave bands, the Club has decided to expand this Survey to the full shortwave spectrum of 2200 - 22000 kHz. Future surveys will now concentrate on stations broadcasting to a domestic audience or relaying such broadcasts to expatriates abroad.

This new Domestic Broadcasting Survey (DBS) is based upon many official sources and DX-bulletins. In order to make the DBS reliable, each station frequency has been confirmed on the air by DSWCI monitors around the world and is marked with an A or B in the list. To make this DBS up-to-date, most frequencies that have not been heard during the past year have been deleted. From this worldwide monitoring effort throughout the period May 1998 - April 1999, each entry in the Survey is classified using the following codes for their appearance on the frequencies mentioned: A: Regular. B: Sporadic. C: Likely inactive. S: Seasonal changes.

The 44 pages A-4 size DBS is available for US\$12 (Cash notes are accepted) or 14 IRCs per issue with airmail delivery. A 15% discount is given, if a DX Club orders a total of 20 copies or more. Orders should be sent to DSWCI, c/o Bent Nielsen, Egekrogen 14, DK 3500 Vaerloese, DENMARK. Anker Petersen anker.petersen@get2net.dk. Bent Nielsen bentndx.elinh@post.tele.dk. **NOTE** - Bryan Clark is collecting expressions of interest to acquire a bulk supply for DX League members to take advantage of the 10% discount. Those of you interested should contact Bryan at PO Box 3011 Auckland or via bryan@radiodx.com no later than 31 May.

### Sample extracts from the DBS:

- A 3300 10 GTM R Cultural, Guatemala City 0930-0630v in S exc. 0300-0430 (Su 2345-0430) in E
- B 3305 10 PNG R Western, Daru, Provincial Service 0700-1400 in E/Pidgin E, also ID: "Voice of the Sunrise"
- A 3306 100 ZWE ZBC, Gweru R 3: 0300-0600 2000-2200 in E, R4: MF 1630-2000, E nx 1800, "ZBC, Mbare Broadcasting Corporation", ck 5012
- B 3310 - BOL R Moxochaki r 0025-0102\* in S/Quechoa or Aymara. New station in Apr 1999
- A 3315 50 IND AIR Bhopal A Northern Sce: 0025-0215 1130-1741, E nx 1530 1730

- A 3315 10 PNG R Manus, Lorengau Provincial Service: 1900-2200 0700-1200 in Pidgin E, IDs as "Maus bilong Chauka". All Night during festivals.
- A 3316 10 SRL SLBS, Goderich 0558-2400, E nx 0700 0800 1900 2000 2200  
\*\*\*\*\*
- B 6604 - SOM R Mogadishu Voice of the Masses of the Somali Rep: 0330-0500(Fr-0600) 1500(Fr 1600)-2000, In opposition to the President
- A 6618.2 - PRU R Super Sensación, 1000-1400, 2200-0110v Huancabamba
- B 6675.4 2 PRU R Ondas del Río Mara- 0930-0100, ex 6520, n 6660 ñon, Aramango
- B 6676 - PRU R Dif.Paratón,Huarmaca 1030-0030v, ex 6670.8 & 7205.6
- B 6689v - VTN Lao Cai 2 2200-2300 0400-0530 1000-1030 1200-1330 in Vietnamese & Vn // 5597, d 6650 - 6850

## THE SONY AWARD 1999

Thanks to the generosity of Sony by way of product donations to the 1998 Convention, the North Otago Branch has a surplus of funds available, an amount of which has been set aside to provide prizes for the annual Sony Award. The remainder will go towards running our next Convention, tentatively in February 2002 - and it isn't too early to start planning now!

Two changes this year, the contest is only open to New Zealand residents and as with last year, there are two prizes of NZRDXL subscriptions on offer. The contest involves listening to a certain area of the short-wave band between specific times and dates, listing all the stations heard (in the following order: Time in UTC, Frequency, Station, Language, Signal Strength along with Total Points Scored) and submitting the entry by a certain date. Here are the details for the 1999 Sony Award:

**Frequency range:** 5900 - 6300 kiloHertz

**Time:** 0730 - 1015 UTC

**Date:** from now till July 15th.

Please note that entries must be post-marked no later than July 18th and received by July 23rd. The winner of one subscription shall be on a points basis ascertained by the following scoring method; 3 points for the first time a station is logged and one point for every other time. For example - if you hear Radio Australia on four frequencies, it's worth a total of six points, 3 + 1 + 1 + 1 = 6 points. If you hear for example, the VOA relayed via several different countries, it's 3 points for the first log from every country followed by 1 point for each subsequent logging from that country.

The second winner will be ascertained by means of a draw - and to enter the draw a list of at least 10 stations is required - the winner of the points section will not be eligible for the draw prize as well.

Please send you entries to Paul Ormandy, 33 Greta Street, Oamaru 8901. E-mail: paul@radiodx.com - all the entries will be published by means of a trail in the DX Times.

**bandwatch.above9@radiodx.com with Andy McQueen**

*Here's the April column - better (slightly) late than never.*

9022 1929 IRAN VOIRIB Fair in EE with Int/sig reading from Koran EMM

1930 Very Poor in EE but good by 1950 with News NMK  
 1935 Fair in EE HJS  
 1949 Good in EE and // 7260. BML  
 9022 1940 SUDAN ? R Ondurman tentative Fair in AA but regular HJS  
 9355 1940 NTH KOREA R Pyongyang Fair in SS ex 9435? HJS  
 9355 1211 NTH MARIANAS IS. KHBI Good in EE with C Science report 2/3 CC  
 9385 2135 NTH MARIANAS IS KHBI Fair in EE NMK  
 9390 0445 ISRAEL Kol Israel Good in Hebrew with Mx and ads NMK  
 9490 0530 BELGIUM RTBF V/good in FF S/on Sundays 0530 to 0600 IC  
 9535 2014 THAILAND HSK9/R Thailand Closing in EE to Europe with melodious chimes then Int sig and into FF Fair- good signal HJS  
 9540 1100 SINGAPORE SRI relay Good in EE Id as "World Radio Switzerland" Some QRM from unknown chinese language Sth AMQ  
 9560 0500 CANADA CRI relay V/good in EE News and cultural pgm #PRP  
 9585 0330 CZECH REPUBLIC R Prague Weak in EE // 11600 better IC  
 9595 2025 SPAIN REE Fair in EE Some QRM // 9680 Excellent HJS  
 9640 0700 ECUADOR HCJB Excellent in EE to South Pacific HJS  
 9700 1538 INDIA AIR Fair in EE with News at Nine 14/3 CC  
 9725 0915 BRAZIL R Clube Paranes Good in PP blocked at 1000 BML  
 9770 2130 CANADA RCI Good in EE with review Canadian Eng Dictionary NMK  
 9775 0830 ECUADOR HCJB Good in EE to Europe AMQ  
 9845 0821 USA WSHB Good in EE with Christian Science message AMQ  
 9855 1945 KUWAIT R Kuwait Very strong in AA // 9880 HJS  
 9870 0845 MONACO TWR Fair in EE with British gospel pgm AMQ  
 9885 0935 SWITZERLAND SRI Swiss men in jail in Sth Africa & Colombia EMM  
 11402 1852 ICELAND Presumed Very Poor with possible Id Then News with mentions of Kosovo & Yugoslavia At 1904 briefly "NEP Units" with sounds of protesting crowds EMM  
 11510 1930 RUSSIA VORWS Fair in EE to Africa Off at 2000 HJS  
 11530 0600 LEBANON Wings of Hope Fair in AA with Id and religious message PWO  
 11570 1602 PAKISTAN R Pakistan News in EE Id 1605 Fair signal 6/3 CC  
 11585 2050 ISRAEL Reshet Bet Fair in Hebrew with EE pop mx and ads AMQ  
 11620 2106 INDIA AIR Bangalore Fair in EE with World Nx AMQ  
 11625 1530 GUAM KSDA Excellent in EE IC  
 11635 0930 PHILIPPINES FEBC Good in EE with S/on Nx and "In Touch" NMK  
 11665 2150 USA WYFR Good in Italian at 2200 Spanish HJS  
 11690 2110 CANADA RCI Fair in EE but bad QRM from KTWR in JJ AMQ  
 11710 0218 ARGENTINA RAE Fair in EE w/ talk about Anglo-Argentine relations CC  
 11735 1821 GERMANY Good News Radio via Julich Good in EE on Sundays BML  
 11770 0800 MALTA V of Med Opening at good levels in Italian Into EE at 0900 IC (Is this not a relay via Italy?? -Ed)  
 11785 2140 ??? D/Welle Fair-good in EE Satellite Info GG at 2000 HJS  
 11825 0640 GREECE VOA relay Fair in EE with QRM IC  
 11830 1155 USA WYFR Fair in EE with World News. Id at 1200 2/3 CC  
 11850 2100 JAPAN NHK/R Japan Fair-Good in EE to Oceania with 'Hello from Tokyo' on Sundays NZ Time It included a phone call with Jack himself last month HJS  
 11865 2125 UNKNOWN LOCATION D/Welle Good in EE with Item on low value of BMW shares

// 11915 was poor AMQ  
 11940 0228 ROUMANIA RRI Fair in EE with Item on international cooperation CC  
 11990 0723 SLOVAKIA RSI Good in EE with Business News. S/off at 0727 EMM  
 12010 1430 SINGAPORE SRI relay Good in EE IC  
 12010 1915 RUSSIAVORWS Good in EE with 'Russian by Radio' HJS  
 12035 0815 SPAIN REE Poor with Id in SS but suffers QRM from unknown station in Japanese on 12030 khz Both tend to cancel each other out NMK  
 12070 1930 RUSSIA?? V of Vietnam Good with Id and News in FF Assumed to be a Russian relay as V of Russia followed #HJS  
 13605 1545 IRAN VOIRIB V/gd in EE IC  
 13605 2005 SYRIA R Damascus Weak but clear opening in EE but better at 2030 IC  
 13620 0930 KUWAIT R Kuwait V/gd in AA with talkback // 17885 equal IC  
 13635 0730 SWITZERLAND SRI Good in EE Swiss balloonist lands in Egypt EMM  
 0735 Excellent in EE Art in Advertising NMK  
 13650 0750 UNKNOWN LOCATION ???? VOA Excellent in EE with Nx NMK  
 13720 0630 GT BRITAIN Merlin Network Excellent with Oldies Music NMK  
 13730 2140 AUSTRIA ORF Good in EE AMQ  
 13745 0600 BELGIUM RVI Good in Dutch to Africa // 15195 HJS  
 13765 1350 VATICAN Vatican Radio Strong in EE Item on Church architecture CC  
 13770 2140 USA WSHB Fair in EE with 'God & business ethics' NMK  
 13790 0900 BELARUS? R Belarus S/on Id as "Belarus- - - " then News NMK  
 13820 1725 BELGIUM RTBF V/gd in FF Many RTBF freqs well heard IC  
 15135 1912 RWANDA D/Welle Pr-Fr in EE with News Id 1914 KVB  
 15150 1801 INDONESIA RRI Fair in German with News Id at 1801 KVB  
 2015 Very good in English IC  
 15200 0829 GUAM KTWR Fair in EE with hymms and troublesome QRM CC  
 15215 0512 SOUTH AFRICA Channel Africa Good in EE Constitution Review KVB  
 15240 1900 MOROCCO VOA relay Good in EE IC  
 15265 1807 BRAZIL R Bras Poor in EE with bad QRN 16/3 CC  
 15275 1900 SRI LANKA D/Welle relay Fair in EE IC  
 15295 1028 MALAYSIA VOM Good S/off in Mandarin then S/on in CC with Id KVB  
 15325 2300 MOROCCO?? R Morocco? Good with traditional Mx with 10,000 chorus but no ancts or Id's NMK  
 15330 0600 IRAN? IRIB? Id at 0601 Changes LL every 30 mins NMK  
 15345 0050 ARGENTINA R Nacional Good in SS Latin Mx. Id & Nx 0100 KVB  
 15375 0001 CHILE R Voz Cristina Fair in SS with Mx Id 0005 & 0029 KVB  
 15390 1312 ROUMANIA RRI Strong in EE w/Media headlines // 17720 weak 16/3 CC  
 15400 1354 FINLAND YLE Weak in EE with troublesome QRM but Id heard 10/3 CC  
 15435 1946 LIBYA R Janhiraya Fair in AA Indigenous singing // 15415 weaker CC  
 15470 1859 RUSSIA VORWS Good in EE Id & Nx 1900 KVB  
 15475.8 2330 ANTARTICA R Nac. Arcangel San Gabriel S/on in SS & EE Id and QTH given. Test transmission to Nth America Saturdays BML  
 2010 tentative Presumed the one here with orchestral music till 2020 then brief anct. by female followed by tango Characterised by short sharp fades as LRA36 has been heard in the past. Faded out around 2040. No sign the next day 5/3 PWO  
 15490 0240 PAKISTAN R Pakistan Good in EE with News Id 0244 closes 0245 NMK

- 15550 2030 ECUADOR HCJB V/good in Japanese HJS
- 15565 0730 USA WYFR Good in EE with Id "Family radio" long commentary NMK
- 15570 1744 VATICAN Vatican Radio Strong in EE with Id //13765 weak 16/3 CC
- 15590 2304 USA KTBN Pr-Fr with gospel pgm in EE Id 2359 KVB
- 15660 0900 NTH MARIANAS IS KHBI Good in EE NMK
- 15880 0735 CHINA C Nat Radio V/good in Chinese dialect //11000 with some interesting Asian music #HJS
- 17550 0245 CHINA China Nat Radio Good in Chinese // 17580 HJS
- 17570 0500 MALTA V of Med pr in JJ on Sundays IC (Is this not via a Russian Xmitter -?? -Ed)
- 17595 1215 EGYPT R Cairo Fair but distorted in EE Indigenous Mx 2/3 CC
- 17645 0730 RUSSIA VORWS Fair in EE with 'Kalidoscope' pgm #PRP
- 17650 0700 BELGIUM RBTFV/gd in FF with Id's & commercials Quick QSL IC
- 17685 0100 JAPAN NHK/R Japan Good in EE // 21670 the same HJS
- 1300 Good opening in EE with news NMK
- 17740 1300 ??? VOA Good in EE with news NMK
- 17885 1400 KUWAIT?R Kuwait? Good in AA Spoken text many refs to Kuwait NMK
- 21455 0211 ECUADOR HCJB Fair on USB in EE Interview with a nurse 13/3 CC
- 21480 0700 ROUMANIA RRI Fair in EE with ' Business Tuesday' #HJS
- 21610 0340 JAPAN NHK/R Japan Strong in EE with Japanese lady singers CC
- 21660 0349 THAILAND BBCWS Fair in EE about Nepal 17/3 CC
- 21700 0530 UAE R Dubai? In EE with Arab learning centre Closes 0555 NMK
- 21700 1750 SPAIN REE Good in SS with Id and freqs ancts Closes 1805 NMK
- 21825 1050 ?? BBC?? Arab Mx 1100 M & F anncers Big ben Chimes possibly news then trumpet fanfare Several refs London Also reputedly heard by J Searle NMK
- 25910 0033 USA WJFP Fair in EE with contemporay Mx. Id at 0059 Weak at 0150 KVB

**SHORTWAVE EXCHANGE**

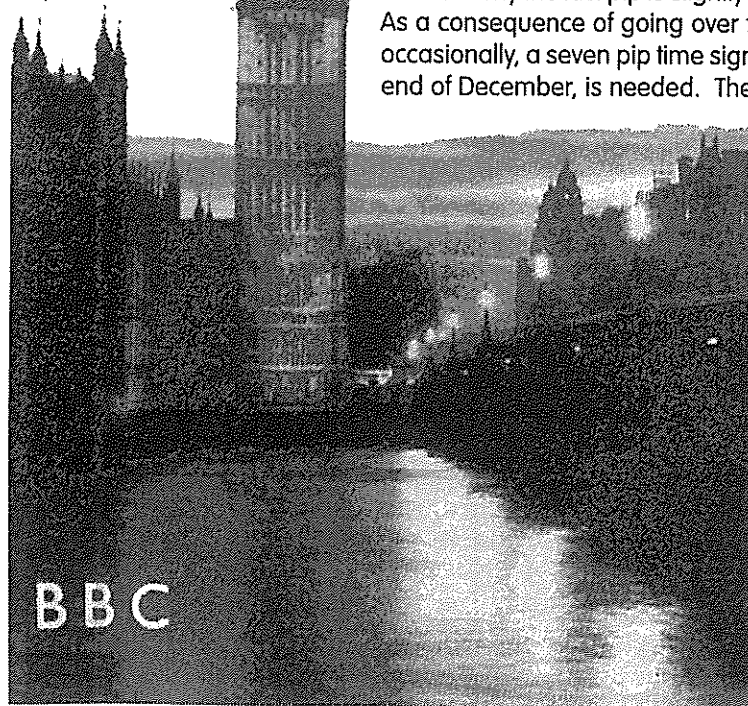
- AMQ Andy McQueen Trentham Wellington Sony 6800
- BDC Bryan Clark Mission Bay Auckland
- BML Bill McLeod Christchurch Kenwood R 5000 60 & 12 m vertical
- CC Cliff Couch Paraparaumu ATS 803A
- EMM Evan Murray Auckland Kenwood R5000 & T2FD
- HJS Jack Searle Haumoana Hawkes Bay Icom R71
- IC Ian Catermole Blenheim JRC NRD 535 T2FD and Alpha Delta
- KVB Kelvin Brayshaw Levin FRG-7 5mhz dipole
- NMK Neville Mc Kenty, Napier. Icom 70 & NRD545, A/delta sloper & discone D120
- PRP Paul Peacock Blenheim Sony 6800
- PWO Paul Ormandy Oamaru Drake SPR4
- TTS Tristram Speedy Manurewa Auckland Yaesu FRG7700 55m N-S wire

**“ BEEP BEEP BEEP BEEP BEEEEEP “**

It is 75 years since the BBC first broadcast the six pip Greenwich Time Signal. The " pips " have been used by millions of people in the UK and around the world to set their clocks and watches. Heard before the main news bulletin on radio, they have also preceded some of the great announcements of the 20th century, from the invasion of Poland in 1939

to the death of Diana, Princess of Wales, in 1997.

To mark the special anniversary, the two original clocks that were used to time the pips have been returned to the Royal Observatory Greenwich, and will be on public display. The time pieces have been in storage for several years, but according to Jonathan Betts, the observatory's Curator of Horology, are still in perfect working order. All that is required is some light cleaning and re-lubrication. The pips system was devised by the ninth Astronomer Royal, Frank Dyson, in consultation with, Frank Hope-Jones, the manufacture of the free pendulum clock. Time was marked by two weight driven astronomical regulators - one was a back up in case of breakage. Electrical contacts attached to the pendulum sent pulses from Greenwich to the BBC's headquarters at Broadcasting House where a valve oscillator circuit converted the signal into the now famous six tones. The clocks No 2016 and 2012 were actually built in 1874 and were eventually relieved of their pip duties in 1949. Today the BBC keeps its own time with two atomic clocks sighted in the basement of Broadcasting House. These are kept in step by sig- Positioning Satellite system and Rugby radio transmit- Greenwich Time Sig- 1972 all the time sig- is far more regular tion changes. Dif- ally need to be by means of an ex- two types of time ity is one of the



**THIS IS LONDON**

nal no longer gives Greenwich Mean Time, as since 1972 all the time sig- nals in the world IS have been based on atomic time. This is far more regular than GMT which drifts as the speed of the earth's rotation changes. Dif- ferences between the two mean " leap seconds " occasion- ally need to be added to the time signal by means of an ex- tra pip. This keeps the two types of time roughly in step. This odd- ity is one of the reasons why the last pip is slightly longer than all the rest. As a consequence of going over to atomic time, ever so occasionally, a seven pip time signal like there was at the end of December, is needed. The long pip indicates the last pip.

The 6 pips of GMT were first sounded before the main BBC radio news bulletin on the 5th February 1924 and have become in BBC terms an institution. In fact the pips are so hallowed that they even carry their own vocabulary. For a pre- senter to talk over them is called " crash- ing " and is the ulti- mate BBC sin

## 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. NZRDXL is a founding member of the *South Pacific Association of Radio Clubs (SPARC)*.

The NZRDXL is administered from Auckland by:  
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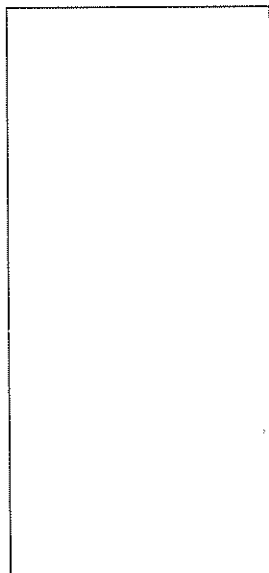
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