



# New Zealand DX Times

Monthly journal of the  
New Zealand Radio DX League (est. 1948)  
November 1999 - Volume 52 Number 1  
<http://radiodx.com>



**talkback@radiodx.com** with *David Ricquish, Wellington*

**Lindsay Robinson, Invercargill** has been a member since 1968. Lindsay enjoys the DX Times, but says he wouldn't like a name change. (What do you like about the existing name Lindsay?) Also, he's not over keen on e-mail QSLs, but "if it's the only way we're going to get mediumwave QSLs, then, yes". Lindsay adds he doesn't have a computer, but will have the use of one soon.

**Phil van de Paverd, Auckland** says "many members haven't got access to computers, and many don't want to either!" However, Phil continues to track down interesting websites which have information of value to DXers and SWLers, adding "all we can do is supply members with the available info". Good work Phil, and here are some sites for this month: China Broadcasting System Taiwan <http://www.cbs.org.tw>; Radio Finland is <http://www.yle.fi/fbc/radiofin>; Voice of Turkey is found at <http://www.tsr.gov.tr> and e-mail reports can be sent to: [englishservice@tsr.gov.tr](mailto:englishservice@tsr.gov.tr) while some other stations are Radio Bucharest at <http://www.rrl.ror.net.ro> and Radio Norway at <http://www.nrk.no/radionorway>.

As well, there is a monster site for Kol Israel found at <http://www.mfa.gov.il> amongst other Israeli sites. To get there from the home page, click 'index' and then click 'K' for Kol Israel including their latest shortwave schedule. Also, Voice of Russia can be found at <http://www.vor.ru> and Slovak Radio is at <http://www.slovakradio.sk>. All of these sites should help you find favorite programs, or track down some new frequencies to log.

**Ken Baird, Christchurch** e-mails "have just downloaded a great program which gives a very good display of the terminator moving across the world. The address is <http://www.clark.net/pub/bblake/geoclock/>. It's a zipped file, so if you haven't got an unzip program, go to <http://www.winzip.com> and download the software. It really is a great map, and I'm finding it very useful; one of the few that operates in the Windows environment. Still remember our tour around LA when Craig and I visited the US". Tks for the handy tip Ken.

If you haven't seen this terminator effect, its really amazing! I once saw a whole wall map like this at the New York Times office, and it suddenly makes sense why certain stations can be heard and others can't! It shows where the sun is setting, where the sun is rising, and which parts of the globe are in darkness and which are in sunlight. An excellent DX aid!

Radio Luxembourg returns! Old hands will remember the 1440 outlet. Well, it's back from this month! Radio Luxembourg 208 will again use 1440 AM as well as analog and digital satellite, plus the Internet. Studios will be in both London and Luxembourg and the station 'will encompass a blend of traditional radio values, combined with the latest state-of-the-art production and tx technologies'. Adds the Director-General of CLT, 'we're delighted to

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see the re-launch of the legendary and much loved English language service of Radio Luxembourg'. For early morning DXers, some great music and DJs returning to that powerhouse 1440 channel!

Stuart Forsyth, Crowborough, England recently hosted me to a very pleasant evening at his local 16th century pub, and plied me with his homemade wine whilst we caught up on too many years. Just to prove that signals were still around, Stuart dusted off the loop and gave me a wonderful tour of the European AM dial. To hear Ireland, Poland, Czech Republic, Germany, Sweden, Denmark, Norway, France, Belgium, Netherlands etc with practically no effort was mouth-watering DX indeed! In fact, it may have vaguely rekindled some interest in early morning DX for European AM signals! [You're all talk, Riquish - Ed]

Whilst in Crowborough (in Kent) I also caught up on the October DX Times which had arrived only a week after I had e-mailed this column to Andy before leaving Wellington. Very impressive printing and mail delivery times! Meanwhile, Andy Gardner, London insisted on guiding me around Soho enroute to an excellent Brazilian bar where we admired the samba dancers, drank Brahma beers, held a vital editorial meeting, toasted the first meeting of the European Branch and caught up on news. We later visited the largest cybercafe in the world, with 400 PCs available, just opposite Victoria Station. E-mails were soon zapping backwards and forwards from Wellington! A great opportunity to catch up with the Chief Editor although I didn't deliver the Weetbix. [you're off my christmas card list - ed]

Perhaps not in top form have been a certain rugby team! However, at <http://www.fifi.fr> you could have seen and heard the French view of affairs! This excellent site also has a 24 hour French language news channel called LCI as well as links to weather, tele-shopping, sports, traffic, horoscopes and many other useful items for modern life!

Australian NewsRadio had live audio for the Republic vote recently, found on the main ABC Radio site at <http://www.abc.net.au> and although rarely reported here because of co-channel stations, DXers may like to spend an evening logging as many as they can of their frequencies: 6PB Perth 585; 2PB Sydney 630; 7PB Hobart 729; 4PB Brisbane 936; 5PB Adelaide 972; 3PB Melbourne 1026; 2PB Canberra 1440 and 2PB Newcastle 1458.

In the past few weeks, I've been fortunate to catch up with old DX friends in England, enjoy some hours in central Bangkok with local Thai FM music stations as a soundtrack, plan my new radial wire antenna for the back lawns, join other DXers at the new discussion forums at <http://radiodx.com> and prepare this little bit of idle chit-chat to the sounds of Relax FM, broadcasting from the top of the Olympic Tower in Munich with soft jazz at <http://www.relax.fm>. As always, your news, views and contributions are very welcome. Until next month, ciao.

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

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Phew! Last month's issue was so jammed packed with content that I had to drop any columns that contain mainly dribble. ie This one! This month's issue looks like being the largest in a long time, what with loads of shortwave news for the new season, and reports from the AGM. I've been a very busy pixie recently. My last column came to you from The Hague in Netherlands. Since then I've been backpacking around Germany, France, Luxembourg and Belgium (including attending my very first Formula One motor race at Nurburgring - complete with sleeping in a forest in the rain with a sleeping bag and no tent). I spent most of October back in London but after watching my wallet bleed all over the place (London is

unbelievably expensive) and starting to feel ill after having to spend time with Mr Liquorice (smart comment added for the benefit of Alan R - Hi Alan!), I decided to pack my bags and head for a warmer, cheaper location. So this issue is brought to you from Guadalajara, Mexico. I've been here a week and I'm really enjoying it. Get your maps out - I'm staying in a small rural town to the South West of Guadalajara called Tlajomulco. The cost of living here is negligible. I've just moved into a newly completed one bedroom flat one block from town centre and it's denting my wallet to the tune of NZ\$34 a week. I'm assisting the installation of a local ISP and Internet Cafe here, so I'll soon have a permanent Internet connection and am looking forward to updating <http://radiodx.com> further. While in London I was able to get the new Radio Forums operation, so please visit the site and add your 2 cents worth. The radio mailing lists are unfortunately still broken, but I'm hoping to fix those once this link is operational. Hang on in there, team! Adios, amigos! Andy.

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## *president@radiodx.com with Barry Williams, Auckland*

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### **PRESIDENTS REPORT - NZ RADIO DX LEAGUE - AGM 31 OCTOBER 1999**

The 51st year of the NZ Radio DX League saw us move into the digital age with the computer publishing of the DX Times. The Chief Editor Andy Gardiner, experienced initial problems, but one will agree that the DX Times now looks more professional. There is still room for improvement and Andy is working in this direction. ADCOM put limitations on the on the number of pages in the DX Times but this has been increased by 4. There is now more room for graphics and articles, provided they are forthcoming from members.

Our membership continues to decline following the world trend of all radio clubs. However, the NZ Radio DX League remains one of the strongest DX Clubs in the Pacific Basin and continues to publish a well respected DX magazine.

The lower cost of publishing the DX Times means the DX League is in a healthy financial position, and therefore the restriction on the number of pages of the DX Times has been lifted. We are now reaping the benefits of Andy leading us into the digital age and our thanks to him. I would also like to thank Phil Van de Pavard for the professional way he has taken over the Leagues finances. Bryan Clark continues to work hard behind the scenes, for the League .. And our secretary Evan Murray endeavours to explore all avenues for the promotion of our hobby. My thanks goes to the above ADCM members.

The long term future of our hobby is something we must consider. With the winding up of the Southern Cross DX Club this year, the only DX organization left in Australia, is the Australian DX Club. The South Pacific DX fraternity must be realistic and realise that at some time in the future a much closer relationship with the Australian DX Club and the NZ DX Radio Association will have to be looked at seriously.

In the meantime if every League member could ACTIVELY promote the hobby of Short Wave Listening and each gain one new member, then the League would again be in a healthy position to face the new millenium. What about giving somebody a subscription for Christmas. Talk to your children or grandchildren. Talk to the members at the bowling club, the church group, Greypower etc. We are still getting a few younger members but basically our membership is in the older age group. The future of our hobby depends on new younger members. The novelty of computers might be wearing off, SW Listening may fill the gap.

I'm making amends for last month's no-show this time with column full of news for the start of the B99 (northern winter) international broadcasting season. A reminder that all times are in UTC, and all frequencies in kiloHertz (kHz). Your contributions are always welcome to [shortwave.report@radiodx.com](mailto:shortwave.report@radiodx.com). Good listening!!

**Sources:** BCDX — Worldwide DX Club; Cumbre — Cumbre DX newsletter; ABI — Asian Broadcasting Institute (Shigenori Aoki, Japan). All other items direct from station or your editor.

**Albania:** TWR via Cerrik in English: 0755-0920 (Mon-Fri), 0745-0920 (Sat), 0745-0950 (Sun) all on 12070 (100kw, beamed 310 degrees). Other languages: 0615-0630 Polish 9475; 0930-0945 Hungarian 9490; 0945-1000 Slovak 0945-1000; 1130-1200 Slovak 9490; 1440-1455 Russian 9705, 11635; 1525-1555 Russian 9705, 11635; 1600-1630 Armenian 9945, 7395; 1600-1630 Polish 9435; 1715-1730 Czech 6235; 1645-1800 Farsi 9960, 12090; 1900-1945 Russian/Belorus 9875, 7335. Via Shijak site all on 7385: 0615-0630 Polish, 0930-0945 Hungarian, 0945-1000 Slovak, 1130-1200 Slovak, 1600-1630 Polish, 1715-1730 Czech. (TWR) Schedule varies in many cases from weekdays to weekends in some cases — main usage is reflected here. (ed.)

**Australia:** The necessary legislation to allow foreign broadcasters to use the idle transmitters at Darwin has not yet been introduced into the Federal Parliament. The Ministers for Communications, and Foreign Affairs, announced earlier this year that foreign broadcasters would need a license for their program content. One of the key factors in deciding whether a license is issued relates to Australia's national interest in granting such a license.

**Belgium:** RTBF via Julich to central Africa, all in French: Mon-Fri 0400-0559 9490, 0600-0812 17580, 1100-1305 21565, 1600-1812 17570; Sat 0530-0559 9490, 0600-1059 17580, 1100-1217 21565, 1700-1812 17570; Sun 0530-0559 9490, 0600-0906 17580, 1200-1217 21565, 1600-1812 17570. Radio Vlaanderen International 0400-0456 11980 (Bonaire); 0600-0656 5985, 9925; 0700-0756 5985, 9925, 11690; 0800-0829 5985; 0800-0856 9925, 11690; 1200-1226 9865 (PK), 17685 (Tashkent), 21630; 1200-1229 9925, 13760; 1230-1259 9925; 1700-1730 9925, 11780; 1800-1830 5910, 9925, 11780 (Julich); 1830-1859 5910, 9925, 13600 (Julich), 17695 (Julich); 1900-1956 5910, 9925, 13600 (Julich), 13645 (Madagascar), 15365, 17695 (Julich); 2100-2156 5910, 9925; 2230-2259 13670 (Bonaire), 2300-2326 13670 (Bonaire); Fridays only 2000-2030 9925; Saturdays 1900-1956 13600 (Julich), 13645 (Madagascar), 17695 (Julich); 1900-2100 5910, 9925, 15365; Sundays only 1100-1156 17695, 21630; 1400-1700 9925, 13740, 21820. All via Wavre, unless specified. English at 0400, 0800, 1830, 2230. Other times in Dutch or sport relay from Radio 1. (RVI)

**Costa Rica:** Adventist World Radio has closed its SW site at Cahuita. The station, on air since 1991 with five transmitters, signed off in early November with a special 'final broadcast' which had all transmitters on air simultaneously. If you heard the farewell broadcast, special QSLs are available from AWR, Apartado 1177, 4050 Alajuela, Costa Rica. Proceeds from the sale of the Cahuita station will be used for the further development of AWR's satellite network. A new transmitter is currently under installation at the AWR facility in Guatemala. The refurbished 5kw transmitter is expected to go to air soon on 5980. (Adrian Peterson, AWR via Cumbre, 29 October)

The transmitters formerly owned by AWR at Cahuita have apparently been sold to Dr Gene Scott and are being used as part of his 'University Network' religious broadcasts. Programming has been heard in the US in the 2000-2200 period, and I've heard them here in Canberra in the 0800-0900 period on frequencies such as 6150, 9725 and 13750. Also listed for use are 5030 and 15460. AWR held its final broadcast from Cahuita in early November, and the 'University Network' came up on air almost the day after. (Francis)

**East Timor:** The United Nations will establish a transitional civilian administration in the next few months to govern the territory in preparation for full independence in two to three years time. In the period up to the autonomy ballot on 30 August this year, UNAMET Radio broadcast via local MW and FM transmitters within East Timor. A similar arrangement will probably be made for UNTAET — the United Nations Transitional Authority in East Timor. The UN also intends to broadcast via RDP after approaches to the Australian Government to use Radio Australia facilities were unsuccessful. Meanwhile, Australian community radio stations are organising to provide technical and programming assistance for local radio in East Timor and will hold a fundraising appeal during November.

**Guam:** KTWR schedule for B99: 9430 1115-1200, 1415-1500 Vietnamese; 9465 1200-1300 Japanese, 2100-2200 Korean; 9540 0915-1100 Mandarin; 9545 1400-1530 Mandarin; 9555 1100-1130 Mandarin; 9590 1130-1400 Mandarin; 9820 1130-1530 Mandarin; 9865 0930-1100 English; 9870 1300-1330 Mandarin, 1330-1500 Chinese dialects; 11610 1300-1330 Mandarin; 11670 0915-1130 Mandarin; 11690 2100-2200 Japanese; 11810 2100-2200 Indonesian; 11875 2200-2300 Chinese dialects; 11995 2200-2330 Mandarin; 13685 1300-1400 Burmese; 15165 1100-1230 Indonesian; 15195 2200-2230 Indonesian; 15200 0730-0915 English, 0915-1100 Indonesian; 15270 0915-0930 Madurese; 15290 1230-1300 Hakka; 15330 0800-1000 English/Tok Pisin, 1430-1600 English; 15595 1330-1400 South Asian (KTWR)

**Hungary:** Radio Budapest in English: 0200-0230 6135, 9835; 0330-0400 9835, 11990, 2000-2030 3975, 6025; 2200-2230 3975, 7250. Hungarian to Australia 1100-1200 17670, 21560, 25700 (Mon-Sat); 1200-1300 17670, 21560 (Sun). (Station)

**Indonesia:** 4753 RRI Makassar. On October 13, the city of Ujung Pandang reverts by presidential decree of BJ Habibie to its original name of Makassar. The use of the original name accords with the wishes of the residents. Ujung was the name used since 1972. In accordance with the name change, the RRI station has also changed its name to RRI Makassar and is heard on the same frequency. (Richard Lam, Singapore, 28 October in Cumbre) Worth noting that FEBC in the Philippines has a program in Makasar daily 0900-0930 on 15380. The name Makassar dates back several hundred years to the Islamic seafaring kingdom which had contact with the indigenous people of northern Aust. before white settlement (ed)

4077.5 spur from RRI Pontianak has moved up to this frequency. Its broadcast frequency is 3976. Heard 1130 with local news with main items of a youth pledge ('sumpah pemuda') ceremony in West Kalimantan. Similar ceremonies took place on this day throughout Indonesia. (Richard Lam, Singapore, 28 October in Cumbre)

**Iran:** Voice of Islamic Republic of Iran schedule for English in B99: 1530-1630 7245, 9885, 11775; 1930-2030 7190, 9022, 11765; 2130-2230 11740, 13745; 0030-0130 6065, 9022, 6135; 1100-1230 13710, 15395, 15585, 17665, 21470. In Malay 1230-1330 13760, 15300, 15585, 17555; Chinese 1330-1430 9685, 9880, 11685, 11885, 15200; 2330-0030 7130, 7215, 9675. (IRIB)

**Israel:** Kol Israel schedule for B99: Hebrew — 'Reshet Bet' home service relay 2300-0600 7545, 0430-0600 11590, 0500-1855 15615, 0600-1855 17545, 1700-1900 11590, 1900-0430 11585, 1900-1945 15650, 1900-2300 13800, 1900-2200 9390, 2200-0000 9395, 2100-

2215 15640, 0000-0400 9390. Arabic — 'Reshet Dalei' 4th network 0400-2215 5915, 0400-2215 9815, 0630-1500 15480, 1600-2215 15480. English 0500-0515 9435, 11605, 17710; 1130-1135 15650, 17535; 1500-1530 15650, 17535; 2000-2025 9435, 11605, 15650, 15640. French 0600-0615 11605, 15640; 1100-1130 15650, 17535; 1630-1655 11605, 15650, 17535; 2030-2045 9435, 11605, 15640, 15650. Spanish 1735-1745 15650; 2045-2100 9435, 11605, 15640, 15650. Reception reports can be sent to: Raphael Kochanowski, Director of Engineering Liaison and Coordination, Kol Israel, PO Box 1082, Jerusalem 91010, Israel.

**Japan:** BBC via Yamata relay: 6110 2100-2200 English; 7245 0900-1000 English, 1000-1530 Mandarin; 11945 2200-2300 Mandarin, 2300-0030 English (Merlin).

**Madagascar:** Relays via RN facilities: AWR 0230-0330, 1530-1630 on 3215; Deutsche Welle 17860 0900-0945 English; Tamil Oli Radio 1130-1230 17495; Tamil BC 1228-1325 17495; Democratic Voice of Burma 1429-1455 17550; IBC Tamil 1458-1525 17490; RVI 1857-2000 13645 Dutch. (RN)

**Malaysia:** Domestic HF channels observed active as of 16 October (RM = Radio Malaysia, Ch = Channel). 4845 RM Ch6 Tamil, Kajang, 24h; 4895 RM Sarawak, Kuching; 5965 RM Ch1 Malay, Kajang, 24h — slightly off channel, muffled audio; 5979 RM Sabah misc langs, Tuaran — has been reported special occasions only but I'm hearing it daily until 1330 sign off; 6025 RM Ch7/8 Malay/Ornag Asli langs 0400-1300, Voice of Islam, Malay, 1400-1600 — slightly above channel, strong harmonics observed just above 12050, 18075 and 21400; 6050 RM Sarawak, Sibu; 6175 Voice of Islam, Malay, Kuching 1400-1600; 7130 RM Sarawak, Kuching, daytime only, heard tentatively only; 7270 RM Sarawak, Kuching; 7295 RM Ch4, English, Kajang, 24h — consistently best audio out of Kajang; 9750 Voice of Islam, Malay, Kajang 1400-1600. I believe that all other domestic channels are inactive, including Sibu 5005 (which was reactivated for a short time earlier this year, but not heard for several months). (Alan Davies, Malaysia, 17 Oct, Cumbre)

**Netherlands Antilles:** RVI via Bonaire 0357-0456 11980 Dutch/English, 2230-2326 13670 English/Dutch; Deutsche Welle 0300-0345 11750 English, 0500-0545 11795 English. (RN)

Radio Netherlands via Bonaire will change frequency for En to the Pacific 0930-1125 from 9820 to new 9790, from 15 November.

**New Zealand:** RNZI 1650-1750 11695, 1750-1005 17675 (RNZI)

**Northern Mariana Islands:** VOA via Tinian relay: 9555 1300-1400 Korean; 9780 1200-1300 English; 11825 1200-1400 Chinese; 11995 0800-1000 English, 1000-1100 Chinese; 13625 1500-1700 Cantonese; 13650 0800-1000 English, 1000-1100 Chinese; 15150 0800-1000 English; 15250 1000-1200 English, 1300-1400 Chinese; 17820 0100-0200 English. (IBB) Radio Free Asia via Tinian: 1100-1200 Lao 9545, 15185; 1200-1300 Khmer 15185; 1400-1500 Cantonese 9635, 13625; 1400-1500 Vietnamese 11765; 1500-1600 Burmese 11750; 1500-1600 Chinese 11765, 13690; 1600-1630 Chinese 11750, 11795, 13690; 1630-1800 Chinese 11750, 11795, 13690; 1800-1900 Chinese 11740, 11955, 13695; 1900-2000 Chinese 11740, 11955, 13695; 2000-2200 Chinese 13695; 2100-2300 Cantonese 13675; 0300-0700 Chinese 15150. (ABI)

**Oman:** Radio Sultanate of Oman has been heard on 15140 and 15375 with a relay of the English program from local FM in 1400-1500 period.

**Philippines:** FEBC Manila observed on new 11710 for English 0930-1100 s/off, ex 11635 (Francis, November 3)

**Portugal:** RDP schedule, Mon-Fri to East Asia/East Timor: 1000-2100 17740, 1000-1100 11550 (via Taiwan), 2100-1000 17600, 2200-2300 11550 (via Taiwan); to Africa 1000-1200 11725, 1600-2300 17680; Brazil 1000-1200 21725, 1000-1200 21655, 1600-2300 21665. 1600-2300

21780; Guinea 2300-0200 11840, 15295; Venezuela 2300-0200 13700, 1900-2300 15295; Europe 0500-1200 15140, 0500-1200 11960, 0645-0800 11660, 1600-1900 11860, 1600-1900 13625, 1900-2300 13625, 1600-1900 11800; North America 2300-0200 11655, 9715; 0500-0700 15585, 1900-2300 15200. Middle East 1200-1400 21515. Sat/Suns: Africa 0700-17 17725, 1700-2300 17680; Brasil 0700-2300 21665, 1200-2300 21800; V 17745, 2000-2300 15295; Europe 0700-2300 15555, 0700-2000 9780, 2 North America 1200-2300 15200. (RDP)

**Singapore:** Radio Netherlands via Kranji: 1130-1325 11690 Indonesian; 2230-2325 6120 Indonesian; 2330-0025 7280 Dutch. (RN)

**South Africa:** BBC via Meyerton relay: 3255 0300-0600 English, 1700-2200 English; 3390 0430-0500 Portuguese, 1730-1745 English, 2030-2100 Portuguese; 6070 1730-1745 English; 6135 0430-0500 Portuguese, 2030-2100 Portuguese; 6190 0300-2200 English; 7125 0430-0500 Portuguese, 2030-2100 Portuguese; 72340 1745-1800 Swahili, 1800-1830 French; 9520 1730-1745 English; 11865 0300-0330 Swahili; 11940 0600-1700 English; 15400 0400-0430 Swahili; 15420 1700-1900 English; 17695 0700-0730 French. (Merlin)

**Spain:** REE to Asia/Oceania: Spanish 0700-0900 17770, 21610; 1000-1200 9660; 1200-1400 11910. English to Europe 2000-2100 9680 (Mon-Fri), 2200-2300 9680 (Sat-Sun), to Africa 2000-2100 9595 (Mon-Fri), 2205-2300 9595 (Sat-Sun), to North America 0000-0200 and 0500-0600 6055 (REE)

**Thailand:** Radio Thailand via Udon: 6040 1130-1145 Lao, 1145-1200 Burmese; 7145 1300-1315 Japanese, 1315-1330 Mandarin, 1330-1400 Thai; 7285 1100-1115 Vietnamese, 1115-1130 Khmer; 9530 1400-1430 English, 1900-2000 English, 2000-2015 German, 2015-2030 French, 2030-2045 English, 2045-2115 Thai; 9680 0000-0030 English; 9810 1230-1300 English; 11805 1200-1215 Malay, 1215-1230 Indonesian; 11855 1800-1900 Thai; 13695 0030-0100 English, 0100-0200 Thai; 15115 0530-0600 English; 15460 0300-0330 EnglishE, 0330-0430 Thai (IBB)

**Turkey:** TRT schedule to Australia: 2300-0200 11980 Turkish, 0200-0400 21715 Turkish, 0400-0500 21715 English, 1100-1400 21715 Turkish, 1400-1700 13750 Turkish, 1700-2300 9560 Turkish, 1330-1430 15295 English, 2130-2230 9525 English. (TRT)

**United Kingdom:** The BBC has introduced a special program to help reunite East Timorese separated by violence in recent months. 'Radio Link' is being aired every day at 1040 in Indonesian on 7140 and 9680 (probably via Singapore-ed.) People can register with their local Red Cross branch which will pass the details on to the BBC.

**USA:** QSLs have started appearing from the new religious broadcaster, WTJC, Newport, NC which can be heard on 9370 with English religious programming. Address: 520 Roberts Road, Newport, North Carolina 28570. Email: [fbn@clis.com](mailto:fbn@clis.com).

11900 WWBS [Macon, Georgia-ed.] 1122-1300 sign off male with sermon, female with identification. This to Australia/NZ. (Joe Talbot, Canada, 16 October in Cumbre). Next month's column will carry a detailed breakdown of US station schedules for the 'northern' winter (ed.)

KVOH frequency use for B99: 5975 (Julich) 0700-1100, 6280 (Lebanon) 0000-2400, 9975 (Rancho Simi, California) 0100-0800 and 1300-1500, 11530 (Lebanon) 24 hours, 11725 (Julich) 1700-1800, 15715 (Julich) 1315-1630, 17775 (Rancho Simi, California) 1500-0100. (George Jacobs & Associates web site)

Check out the new NZRDXL forums on the Internet - <http://radiodx.com/forums>

Another quiet month with only a few notes for the Mailbag. Some DXers seem unsure if e-mail Verifications are acceptable. YES THEY ARE. Well now that the World Rugby Cup is over I hope to settle down and get some serious DX done.

First up this Month is David Norrie with a card back from Stafford Broadcasting 6010 in 2 months for an e-mailed report.

Arthur De Maine Wellington has a couple back but has been busy and has been limited in time to DX. Veries are AWR Germany 15560 and Radio Bulgaria 9400. Thanks.

David McGaughey Clarks Beach verified Radio Romania International 11725, FEBA 15555, Radio Clube Paranaense Brazil 6040, LRA Antarctica 15476, Voice of Hope Lebanon 11530 and Zimbabwe 5012. The last three are all new Countries bringing the total to 156. A really good list there David.

Lindsay Robinson Invercargill has logged eight and has veries in from Radio Cancao Nova 6015 and Zimbabwe 4828 For Country Number 170. He also got a tee-shirt from Radio Korea International but it was too small (Hang on to it for the next convention auction, Lindsay! - C.Ed). Keep it up Lindsay.

Paul Peacock Blenheim with a few in from Radio Canada International via Skelton Relay 11690 with a pennant and sticker, Radio Japan via Sackville 6110, National Public Radio via AFRTS Puerto Rico 6463, Voice of Russia via Krasnodar 7300, Voice of Turkey 11655, WTJC 9370 with a fridge magnet, pocket calendar and brochure for WOTJ 90.7FM Thanks Paul

Jack Searle Haumoana is keeping the postie busy with veries in from Radio Canada International via Skelton 15150 and via Moosbrun 11835. A special 40th Anniversary QSL, The Voice of Vietnam 13740 with a pennant and used stamps, Radio Romania International 9510, Radio Espana Exterior 9595 and Deutsche Welle Wertachtal 13690. Thanks for the suggestions Jack.

Leigh Morris South Australia has QSL's from Radio Santa Cruz Bolivia 6135, Radio Sandaun Vanimo PNG 3205 and a 5th QSL from St Helena 11092.5 for a 1998 report. Congratulations to the Aussies on the World Rugby Cup win. Keep it clean, we will have it back in 2003.

Harry Weatherly Melbourne has one in from Radio Mosoj Chaski Bolivia 3310. More please Harry.

Ross Gibson Christchurch is busy with bowls but has a good number in. Radio Romania International 11725, Radio Slovakia 5920, ZNC Zambia 6165, Channel Africa 11720, Radio Minsk Belarus 7210, Radio Cairo Egypt 9910, VOM Malta 7155 and 12060, Radio Prague Czech Republic 15545, 11615 and 11600, Radio Sweden 9495, RAI Italy 5975, REE Spain 15835 Khz, Voice of Turkey 11655. Well done Ross.

Ian Cattermole Blenheim has a huge list with them in from Swiss Radio International 15545, 17580, Radio Gardarika 17610, 15230, 7330 and 12040, KSDA 15615, 11930 and 17870, Radio Bulgaria 7545, 5865, 7535, 11700, 9400 and 1600?, Radio New Zealand 11695, Radio Canada Sackville 17765 and 15470, Radio Deutsche Welle Samara 12035 and 13690, WHRA 17650 and 7435, Radio Rebelde 9600, 6140 and 6120, NHK via Gabon 15355, Radio Deutsche Welle Wertachtal 6145, 9815, 11865, 13780, Trincomalee relay 11965, 11915, Kigali Relay 9875, 11810 and 9735, Sines relay 13720, ZNBC 6165, HCJB 11730, China Radio International 13675, Radio Thailand 9885, 7195, Wales Radio International 9725 and 17650, VOIRI 11740, Radio St

Helena 11092.5, Voice of Vietnam 9830, AFRTS Puerto Rico 6458.5 and Key West 12698.5, Radio Portugal 11655, Radio Taipei International 6175, Radio Exterior Espana 9660, Radio Cruz Del Sur 4875 [4th attempt] Radio Santa Rosa 6045, Radio Cultural Coatan 4779, Radio San Gabriel 6085, Radio Mosoj Chaski 3310. What a great list.

Laurie Boyer Invercargill has Radio Romania 11725, Israel 17535, Radio Slovakia 17550 and KWHR 17780.

**Best of Month under 9MHz Ross Gibson ZNBC Zambia 6265 50kw.**

**Best of Month over 9MHz Ian Cattermole Radio St Helena 11092.5 1kw.**

Unfortunately there were many good entries without their power listed and they were not listed in the latest World Radio Handbook particularly among the South Americans. So if you don't mind, list your power for your best entries.



bandwatch.under9@radiodx.com with Ken Baird

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 would be 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	1030	AUSTRALIA, VL8A Alice Springs in EE with music, fair // 2325 VL8T v good — NMK 23/9
2390	0755	USA, WWCR in EE with usual relig prgm, good — NMK 9/10
2485	1100	AUSTRALIA, VL8K Katherine in EE with music — NMK 29/9
2850	1040	NTH KOREA, R Pyongyang KCBS poor in Korean with play & music - NMK 25/9
	0905	NTH KOREA, KCBS Pyongyang (tent) fair in Korean and music, T/S at 1000 and very stirring speech —KVB 13/10
2960	1150	INDONESIA, RPDT Manggarai poor in Indonesian with female and Jim Reeves songs — LM 2/10
3205	1050	PNG, R West Sepik good in dialect with local music — NMK 25/9
3210	0800	USA, WWCR in EE with relig prgm, fair — NMK 9/10
3220	0845	ECUADOR, HCJB fair in Spanish with music and comment — NMK 9/10
3245	1115	PNG, R Gulf good in dialect with local music — NMK 2/10
3287.7	1945	MALAGASY, R TV Malagasy in vernac then Afro pops // 5009 with s/off 2100 weekends only — LM
3325	0846	PNG, R Bougainville moderate in pidgin with public notices and pop music, 0900 ID and news - KVB 13/10
3335	1130	PNG, R Simbu?? Fair in dialect with music — NMK 12/10
3344.8	1402	INDONESIA, RRI Ternate (Tent) poor with comment in Indonesian followed by choir singing — KAB 21/10
3345	0940	PNG, R Northern good in pidgin with music and comment — NMK 12/10
	1254	INDONESIA, RRI Ternate excellent in Indonesian with news at 1300 — IC
3365	1745	INDIA, AIR good in Hindi with music — NMK 13/10

3385 1230 PNG, R East v good in dialect with light pop music — NMK 30/9  
3395 0900 PNG, R Eastern Highlands fair in dialect with comment and music — NMK 9/10  
3905 1410 INDONESIA, RRI Merauke in Indonesian with strident female at political rally, Indonesia mentioned often — KAB 21/10  
3955 1806 TAIWAN, R Taipei Intl v good in EE with news and ID at 1815 — NMK 13/10  
1813 UK, R Taipei Intl good in EE with transmission details and ID — CC 28/9  
4606 1300 INDONESIA, RRI Surui good with news in Indonesian — IC  
4696.6 1300 INDONESIA, RKIP Surabaya Java with brief ID in Indonesian and pop lagu format — LM 2/10  
4746.5 1028 PERU, R Huanta 2000 with excellent signal for 500W, discussing Halloween with QRM from weak unid stn on 4750 — DN 2/11  
4770 1757 NIGERIA?? R Nigeria?? Poor in EE too noisy to copy but picked up references to Nigeria, bad QRN — CC 8/10  
4775 1040 PERU, R Tarma fair in Spanish with T/C, ID, jingles, commercials & mx - LM 1/10  
0703 BRAZIL, R Liberal good in Portuguese — IC  
4790 1028 PERU, R Atlantida fair in Spanish with ID, comments and music — LM 1/10  
4796.3 1014 BOLIVIA, R Maico with ID, adverts, long fades in Spanish. Faded out by 1045 — DN 5/10  
4800 1830 LESOTHO, R Lesotho pr in EE, ID 1835, African nx, faded out by 1845 - KAB 7/10  
1539 INDIA, AIR fair in EE with ID and News at Nine, some QRN — CC 9/10  
4815 1945 BURKINO FASO, R Dif TV Burkina fair in French with political commentary with mention of Burkina — LM 2/10  
4820 2000 BOTSWANA, R Botswana Sebele w/ ID in Sebele then hi-life mx, fair - LM 23/10  
1004 UNID, could be AIR but too early, full of CW QRM, too weak to make out ID — DN 2/11  
4835 2000 MALI, RTM Bamako fair with male discussion in vernac - LM 2/10  
4855.6 1012 PERU, R La Hora fair with full ID at 1012 — DN 2/11  
4895 0750 BRAZIL, R Bare??? V poor in Portuguese with comment. This could be R IPB Campo Grande but unable to get positive ID — NMK 9/10  
4919 0710 ECUADOR, R Quito fair in SS w/ T/C, slogans, commercials & mx - LM 1/10  
4920 0735 ECUADOR, R Quito v good in Spanish with ID and comment — NMK 9/10  
4940 0950 CHINA, V of the Straits moderate in Chinese with patriotic music, ID 0957, 1000 T/S and news — KVB 7/10  
4950 0930 ECUADOR, R Baha'l, fair with lively flute music in Quecha and announcements in dialect — LM 1/10  
4955 1000 PERU, R Culturalfair in Spanish with ID, T/C, and news — LM 1/10  
4960.1 0528 DOMINICAN REP, R Villa-La Sencilla fair in Spanish with music and IDs, closes soon after 0600 - BML 2/10  
4985 0750 BRAZIL, R Brazil Central good in Portuguese w/ mx & comment - NMK 9/10  
4990.9 0630 SURINAME, R Apintie poor / fair with pop music and numerous and varied IDs in EE — BML 6/10  
5005 1230 NEPAL, R Nepal v good in Nepali with cricket commentary — LM 2/10  
5009.5 1820 MADAGASCAR, RTV Malagasy good, best African on 60m band at this time, heard to close at 1900 with Natl Anthem — PWO 1/11  
5025 1000 PERU, R Quillabamba poor in SS w/ T/Cs, slogans & huayno mx - LM 4/10  
1015 PERU, R Quillabamba fair in Spanish with T/C, ID and huayno music — LM 1/10

5030 1315 BHUTAN, BBS Thimpu fair in EE with ID, news and prgm summary — LM 2/10  
5035 2030 CENTRAL AFRICAN REP, R Diff Centrafica v good in French with male with comments — LM 1/10  
5040 1720 INDIA, AIR Jeypore fair/good with EE news at 1730 — IC  
5047 2030 TOGO, TDT v good with male French commentary, ID R Lome at 2030 - LM 2/10  
5055 0745 COSTA RICA, Faro del Caribe poor in Spanish with T/C, ID, mariachi and relig music — LM 1/10  
0825 BRAZIL, R Difusoria Caceras good in Portuguese some nights, poor on others. Usually talk prgm — IC  
5060 1020 ECUADOR, R Progreso poor with ID in Spanish followed by salsa mx - LM 4/10  
5085 0712 USA, WGTG fair/good in // with 6890 — HJS#  
5145 1006 CHINA, CRI strong in Russian but modulation only fair — KVB 7/10  
5370 0935 ARGENTINA, R Continental in USB strong in Spanish. On LSB FM Hit at the same time with a great signal — IC  
5910 1735 BELGIUM, RVI good in EE with news about Belguim // 13670 stronger - CC 8/10  
5920 1827 SLOVAKIA, R Slovakia Intl with IS, ID, news in EE // 6055, 7345 — KAB 6/10  
5935 0745 USA, WWCR v good with Dr Scott prgm — IC  
5945 0608 MONTENEGRO??, R Free Montenegro?? Fair in EE, missed ID but Balkan news and Adriatic coast weather, noisy — CC 18/10  
5955 1820 ROMANIA, R Romania Intl fair in Russian, ID 1830 — KAB 3/10  
5969.6 1014 CHINA, Gannan Peoples??, can anyone ID this — DN 2/11  
6002.9 1130 UNID, fair signal with Asian pops and guitar music, sounds almost like Chinese but could be Indonesian (No SCI at 1200) — DN 29/10  
6010 0830 MEXICO, R Mil fair in Spanish with IDs, jingles and commercials - LM 4/10  
1900 UK, Stafford Broadcasting via Skelton with musical medley. Confirmed by e-mail from «[hyperlink mailto:Imagination@clara.net](mailto:Imagination@clara.net)» — DN 5/10  
1900 UK, Merlin NW with Imagination, good with soft pop request for 60 minutes on Fridays only — BML 1/10  
0750 BRAZIL, R Inconfidencia v good in Portuguese, always there — IC  
6015 0530 AUSTRIA, ORF Austria fair in EE with Mailbag prgm — KAB 3/10  
0655 AUSTRIA, good at closing in EE — HJS#  
6020 1840 NETHERLANDS, RN good in EE to Africa. Cloudy day in Holland with showers, ID — KAB 3/10  
6035 1820 SAO TOME, VOA poor in EE to Africa with VOA News Today — KAB 20/10  
6045 0705 MONACO, TWR fair in EE. Better on // 9820 — IC  
6055 2030 RAWANDA, Radiodiff de la Republic v good in French with Afro pops. At 2100 French and EE s/off — LM 1/10  
1840 SLOVAKIA, R Slovakia Intl good in EE w/ Mailbag prgm & ID // 7345 - KAB 3/10  
6060 2100 ITALY, RAI fair in Italian with ID, news headlines — LM 2/10  
6065 1738 SWEDEN, R Sweden fair in EE with comment on China and ID at 1747, scratchy — CC 28/9  
6110 0530 CANADA, NHK/R Japan vgd in EE via Sackville w/ item on Jap Bank - KAB 4/10  
6115 0638 PERU, R Union fair/moderate in Spanish, ID 0701, 0800 — KVB 25/10  
6130 0537 CANADA, CHNX on USB with EE 60's pops — DN 30/9  
6135 0400 STH AFRICA, BBC WS via Myerton v good in EE with discuss. on Hinduism - JSB  
6140 1840 GERMANY, DW good in EE with comment about family planning — KAB 3/10

- 1810 GERMANY, DW v good in EE with "Cool", slight het — KAB 4/10
- 6145 0545 CANADA, RCI v good in French with music prgm, ID 0545 — KAB 4/10
- 6150 1328 SINGAPORE, R Singapore Intl in EE, ID 1128 followed by music, ID 1330 and news, fair — KAB 11/10
- 1134 SINGAPORE, R Singapore good in EE with nx about Singapore & ID - CC 22/10
- 6153.80830 INDONESIA, RRI Biak(?) fair in Indonesian with Gamelan music, no ID heard — LM 4/10
- 6160 0759 BRAZIL, R Rio Mar best heard for a long while, heard with relig prgm and choir music — DN 2/11
- 6165 2015 ZAMBIA, ZNBC fair in EE with pops and promo for National Heart Foundation over SRI — LM 1/10
- 1836 ZAMBIA, NBC poor in EE with African comment // 6265 — KAB 3/10
- 1820 ZAMBIA, NBC poor in EE with comment on African affairs // 6265 — KAB 20/10
- 6185 0830 MEXICO, R Educacion v good in Spanish with Classical mx after IDs - LM 4/10
- 6575 1800 NTH KOREA, R Pyongyang fair in EE with ID, news // 9335, 13760 — KAB 20/10
- 6674.10956 PERU, R Super Nueva Sensacion, ID as "Nueva Sensacion, fair/good - DN 2/11
- 6890 0445 USA, WGTG good with talk show in USB mode. Iding as Genesis Communications Network. No other ID heard after several hours of listening — HJS#
- 0459 USA, WGTG good in EE on USB w/ commercial for Yachtboy radio & ID - CC 1/10
- 6894 0810 USA, WGTG good on USB with Alex Jones on the GCN Radio Network, nothing on // 12170 — PRP#
- 6898 1815 ISRAEL, Galei Zahal (defence Forces) poor in Hebrew/Arabic with music, better on USB- BML
- 6975 1100 COSTA RICA, RFPI fair in EE with UN documentary — NMK 2/10
- 0500 COSTA RICA, RFPI fair in EE with competition for teeshirt — NMK 27/9
- 7165 1630 ETHIOPIA, R Ethiopia opening in EE at a good level — IC
- 1639 ETHIOPIA, R Ethiopia good in EE with ID and African Focus prgm — CC 19/10
- 7170 1840 ??? VOA with comment in EE on Sth East Asia & China, some QRM - KAB 3/10
- 7185 1810 BANGLADESH, Bangla Betar fr in EE w/ local nx, sevr co-chan QRM - KAB 3/10
- 7195 1900 THAILAND, R Thailand good in EE with Thai news and tourist info after IS(gongs), ID (HSK9) — KAB 3/10
- 7215 2000 IRAN, VOIRI fair in EE. No sign of // 9022 — IC
- 0645 NORWAY, Uke Senderin (Student Celebrations) poor in Norwegian with pop and rap music, ID and talk at 0700. Broadcasts to end 12/11/99 — BML
- 7230 0530 UK, NHK/R Japan v good in EE with item on Japan Bank and music - KAB 4/10
- 0600 UK, NHK/R Japan relay v good in EE // 5975 also good — IC
- 7235 2029 UK, Merlin NW Wales Radio Intl fair in EE for 30 minutes with Celtic notes, Fridays only — BML 16/10
- 7250 0400 CIS, V of Russia in EE with news comment — JSB
- 7255 0600 NIGERIA, V of Nigeria good in EE till 0700, Listeners Letters on Sunday — BML
- 7260 1940 GERMANY (tent), VOA good in special EE with news and comment, ID 1941 — KVB 27/10
- 7265 0715 GERMANY, SDR Rohrdorf fr w/ IDs & commercials in GG, 1970's pops - LM 4/10
- 7295 1317 MALAYSIA, R Malaysia fair in EE with Malaysian news — initial Formula One race in Malaysia — KAB 11/10
- 7300 1813 CIS, V of Russia good in EE with news and comment // 7330, 9480, 9720 —

- KAB 20/10
- 7410 1835 INDIA, AIR Aligarh, with typical Indian music, comment in EE on Indian relig festivals, ID 1856 // 9950 (Delhi) — KAB 10/10
- 2100 INDIA, AIR fair in EE with news and ID — NMK 30/9
- 2000 BOTSWANA, VOA v poor in EE with Good Morning Africa with regional news and ID followed by Mailbag — NMK 28/9
- 7448 0333 GREECE??, FTH good in EE with male singer and Greek music// 9420 & 11645 stronger — CC 10/10
- 7495 1833 CIS, DW fair in Russian, ID 1830 — KAB 3/10
- 7510 0540 USA, KTBN fair with relig prgm in EE, ID at 0600 — KAB 4/10
- 7580 0408 USA, WHRA?? Good in EE with relig prgm with US accent — CC 3/10
- Thanks to all the contributors for this month. 73's, Ken Baird

### CONTRIBUTORS FOR THIS MONTH

BML - Bill McLeod, Christchurch, NRD 545, 60m wire, 12m vertical: CC - Cliff Couch, Paraparaumu, ATS 803A, 60m horizontal loop, 26m wire with Balun: DN — Dave Norrie, Auckland, AOR 7030, T2FD, 25m longwire with balun, 12m vertical : HJS — Jack Searle, Haumoana, Icom R71, 100m longwire, 19m & 60m dipoles : IC — Ian Cattermole, Blenheim, JRC NRD 545, T2Fd and Alpha Delta antennas :JSB — Jon Standingbear, Beaumont, California, USA, Palstar R30, Drake SW2, Off centre fed dipole 44ft/66ft: KAB - Ken Baird, Christchurch, R5000, ATS 909: 15m wire, Eavesdropper: KVB — Kevin Brayshaw, Levin, FRG7, HF Loops & 5MHz dipole : LM — Leigh Morris, Marphett Vale, Sth Australia, R8A, AOR AR7030, Alpha Delta Sloper : NMK - Neville Mc Kenty, Napier, R70, NRD 545,7600G & ANLP1, Sloper, DXSW Listener:PRP — Paul Peacock, Blenheim, Sony 6800, SWListener: PWO — Paul Ormandy, Oamaru, SPR4, numerous long wires and dipoles.

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## bandwatch.over9@radiodx.com with Andy McQueen

Hello from Trentham where the birds are building nests in all the surrounding trees. Talking about trees I now have a long wire aerial strung between two of them and the signal strengths have improved especially on the lower bands. Not big response only 2 members one a non-contributor wrote about changing the format of this column both in favour of a change. My poll was overtaken by a remit for the change at the League AGM being rejected. So this is the way it stays.

Please note that many stations have changed schedules over the past month so not all listings will now be current. All times are UTC that is 13 hours behind NZ Daylight savings time

KHZ	TIME	COUNTRY	STATION	& PGM	DETAILS	INITIALS
9335	1920	North Korea	R Pyongyang	At good level in SS with spoken items		HJS
9370	0720	USA	WTJC	Fair with pgm spiritual Mx Sent email report they replied stating "as a rule they request a SASE but will QSL anyway" Also heard at 0330 w/ gd signal #PRP		
	0815			Fair in EE with ids on the half hour with address etc at 0900		IC
9370.8	0743	USA	WTJC	Good signal but LSB QRM from data transmission		HJS

9371 0600 USA WTJC Strong in EE with USA radio Nx Id & Stn addr some distort. 25/10 CC  
9475 0325 EGYPT R Cairo Fair in EE with world Nx & Id then martial Mx S/off 0328 10/10 CC  
9495 0255 SWEDEN R Sweden Fair with pgm in Swedish to Nth America PRP  
9505 0430 CANADA RCI weak signing on in Arabic after Interval signal and way under RHC strong in Spanish AMQ  
9510 1915 ALBANIA R Tirana w/ nx in EE gd sig but over modulated closes 1926 23/10 PVP  
9525 1935 UNID LOCATION VOA Strong in EE HJS  
9580 0430 SERBIA R YUGOSLAVIA Good in EE for Europe // 11850 only fair  
9600 1900 NORTH KOREA R Pyongyang Good with Nx in EE 24/10 PVP  
9625 0506 CANADA CBC Northern Quebec Service Fair at Closedown with 'O Canada' anthem 29/10 BDC  
9655 1845 AUSTRIA ORF Good signal with report from Austria // 13730 only fair AMQ  
9670 0445 ITALY RAI Sign on then 0458 D/Welle sign on talk abt co-chan QRM 3/10 NMK  
9680 0350 TAIWAN R Taipei Int with Lets learn Chinese to Nth America 22/10 PVP  
9685 1000 JAPAN NJK/R Japan Good in SS from Yamata IC  
9740 2000 ????? BBCWS Fair signal with Nx of Egypt Air 990 crash PRP  
9750 2300 MALAYSIA V of Malaysia Fair signal in Indonesian Id as "sura Malaysia" heard w/ drama Improving steadily to fair/gd. Used 'My love is blue' as mx bed 23/10 PWO  
9760 1900 MOROCCO VOA Briech relay This listing for unknwn loc. given last month GJ  
9795 0200 GT BRITAIN Wales Radio International Good in EE until 0230 Saturdays only IC  
0159 Fair in EE with pgm 'Celtic Notes' Saturdays only via Merlin Network BML  
9820 0630 CUBA R Habana Cuba Fair in EE with I/sig Id & transmission details 13/10 CC  
9830 0330 VIETNAM V of Vietnam Good with Nx in EE 22/10 PVP  
9830 1405 THAILAND R Thailand Strong in EE with News Id at 1408 24/10 CC  
9840 0230 HUNGARY R Budapest Fair in EE but noisy and distorted 29/9 NMK  
9885 1905 SWITZERLAND Swiss Radio Int This listing for unknown loc. given last month GJ  
9890 1528 MADAGASCAR R Nederland relay Fair in EE with talk about euthanasia then transmission details & Id 9/10 CC  
9895 1830 NETHERLANDS ANTILLIES? R Nederland with EE to Africa also // 13700 good, 17605 Excellent, 21590 Poor Best on 9885 but recept. noted to change daily 8/10 NMK  
9895 1910 HOLLAND R Nederland This listing for unknown location given last month GJ  
11092.5 1858 ST HELENA Poor in USB Only Id's and some sentences clear Spoilt by side splatter from China on 11100 23/10 BML 1900 Weak signal with Id, greetings phone ins Email address given with fax and phone numbers followed by C & W songs SIO 3223 23/10 Severe QRM from CPBS China on 11100 khz but in the clear by 2115 (All I could get was China and so I gave up about 2030 UTC- Ed)  
11100 1905 CHINA CNR Great signal with Taiwan 1 pgm. Good audio with back to back Chinese music Love that CC music HJS  
11470 1848 ITALY SWRS Fair on USB with EE pgm Treasure Island Oldies Show, Top fifty of the fifties // 7465 24/10 BML  
11570 1930 PAKISTAN R Pakistan Poor opening in EE with Id then with Koran the day after the coup HJS  
11615 1640 FRANCE RFI Excellent with report for Africa Closes 1730 AMQ  
11690 1521 JORDAN R Jordan Fair w/ transmission details & Id. QRN troublesome 9/10 CC  
11720 1930 BULGARIA R Bulgaria Good signal with listeners letters & folk songs #PRP  
1925 Fair with co-channel QRM prior to 1930 lousy modulation 2/10 NMK

11725 0600 ROMANIA R Romania Int gd w/ Nx in EE to USA/Can // 11940 poor 23/10 PVP  
11730 0957 CHINA CRI V/good in EE w/ nx & Id "This is China Radio International" 5/10 NMK  
11730 2157 UNID LOCATION R Liberty Good signing on in several languages including EE 30/9 NMK  
11745 0132 CHILE Voz Christiana Fair in SS with OM & YL speaking // 11690 as good 3/10 CC  
11750 1807 ALGERIA R Algiers YL speaking in AA // 15160 as good 8/10 CC  
11755 0900 ECUADOR HCJB Excellent in EE with news about volcano near Quito 2/10 NMK  
11785 2000 INDONESIA V of Indonesia Fair with EE pgm with News and heard statement "Our greatest achievement in the world is living in peace" Do the people of East Timor thinks so?# PRP  
11785 2050 IRAQ R Iraq Int. Poor signal in EE Id 's easy to hear at 2059, 2102 but other speech difficult Some Iraq music #PRP  
11815 2034 LIBYA V of Africa Caught 5 mins of EE Nx Id as "Voice of Africa broadcasting from?" Rpts sent to Libya & Maltese addresses Fair signal Thanks to Ian Catermole for the tip #PRP  
11825 1940 UNID LOCATION VOA Strong with Excellent audio in Arabic HJS  
11895 0410 MOROCCO R Free Europe in Romanian. This listing for unknown location & language given last month GJ  
11955 2135 ANGOLA R Nacional poor though in the clear taking phone calls ads & Ids 24/10 PWO  
11965 0400 GREECE VOA Kavala This listing for unknown location given last month GJ  
12060 0330 SWEDEN R Sweden Strong in EE to Europe with co-channel QRM The // 13670 better HJS  
13250 2100 CUBA R Habana Cuba Good in EE with 'DXers Unlimited' pgm on Sundays NZ time HJS (This is a little out of band even for Cuba? - Ed)  
13650 2000 CANADA RCI Strong with EE to Europe w/ co channel WRM // 13670 better HJS  
13660 2000 CUBA R Habana Cuba V/good in USB w/ news Id and Mx // 13750 5/10 NMK  
13670 0221 CANADA RCI Strong with Id and then 'Spectrum' pgm 8/10 CC  
13675 0330 UAE R Dubai Strong with Id in EE & World nx // 12005//15400 weaker 10/10 CC  
13740 0635 BELGIUM RVI Good in Flemish to SE Europe with Nx // 5985 poor 23/10 PVP  
13750 1905 INDIA AIR with GOS Good signal w/ nx then item on summer festival Sent email report but returned undeliv. this is a permanent error. Snail mail next option #PRP  
13760 2150 NORTH KOREA R Pyongyang Fair in EE S/off 2155 with Id 1/10 NMK  
13790 2015 UNID LOCATION D/Welle Location unknown Terrific signal in unknown lang HJS  
13800 1930 USA WINB Fair in EE with Brother Stair pgm IC  
13820 0127 ???? R Free Asia Strng w/ repeated Ids in EE interspeed w/ mx off 0130 3/10 CC  
13820 0800 CROATIA R Croatia in Russian with nx gd signal 22/10 PVP (I am not sure about the location of this transmitter. In the past it has been a relay via Julich Germany - Ed)  
15020 1030 INDIA AIR Very good in EE with GOS IC  
15049 0630 COSTA RICA RFPI V/good with pgm devoted to Bob Marly 3/10 NMK  
15084 2100 IRAN VOIRIB Fair/good in Farsi home service pgm slightly over modulated with talk heard past 0700 24/10 PWO  
15105 1814 ASCENSION ISLAND BBCWS Fair in FF // 17785 as good 8/10 CC  
15125 0004 INDONESIA RRI Jakarta with pgm Satu Moderate signal in Indonesian with Nx followed by local pop Mx Id at 0005, and 0027 28/10 KVB  
15135 0130 INDIA AIR GOS First noted at this time in Hindi then into English 0231 till 0345



then back to Hindi // 11830 Heavy splash from HCJB 15140 so best in LSB 1/11 PWO

15140 1425 OMAN R Sultanate of Oman Poor in EE Difficult log IC

15150 0839 MARIANAS ISLANDS VOA Relay This listing for unknwn loc. given last month GJ  
0900 Excellent in EE with News 2/10 NMK

15160 1825 ALGERIA R Algiers Fair in French with OM speaking // 11715 distorted 28/9 CC

15170 0621 USA?? WYFR? YL speaking in French then Hallelujah hymn 25/10 (Cliff thinks  
this is more likely WYFR than RFO Tahiti - Ed) CC

15190 1730 PHILIPPINES R PLYPINAS Signing on in Tagalog with occasional EE lines with bad  
audio a very confusing pgm AMQ

15200 0043 FRENCH GUIANA RFI Moderate signal in French with interview about China Id  
0056 S/off at 0057 28/10

15200 0810 GUAM KTWR Fair with EE religion IC

15205 0503 GREECE VOA Kavala relay This listing for unknown location given last month GJ

15205 2100 SPAIN REE gd w/ nx 'Radio waves' pgm Radio & astronomy fades 17/10 NMK

15210 1720 FRANCE RFI V/good in EE with News AMQ

15310 0420 OMAN BBCWS Masirah Island relay Fair with classical Mx pgm AMQ

15345 0022 ARGENTINA Radio Nacional Buenos Aires vgd w/ election results & political  
speeches 24/10 Distinctive Time pips only on half hr BDC (In Spanish I presume? - Ed)

15350 0810 IRAN VOIRIB Fair in AA for Middle East with vocal recordings IC

15375 0815 CHILE Voz Christiana Fair in SS // 6070 much better IC

15420 1356 SWEDEN R Sweden Fair in EE YL with Id and music 24/10 CC

15425 0135 SRI LANKA SLBC Poor-fair with request session in EE Slight multi path echo on  
signal announcing // 6175 and phone no 696022 25/10 PWO  
0229 Fair/ moderate in EE with pop requests followed by 'The way of the Gospel'  
pgm Id 0330 then QRM from BBC on 15420 28/10 KVB

15445 0550 UNID LOCATION UN Radio World Nx including items from China Algeria and  
India. Cut off abruptly midst Un anti drug message at 0558 dead air for 30 seconds  
then R Liberty Russian pgm commenced Don't have latest IBB sked so presume either  
Briech or Udorn as site 1/11 PWO

15515 0300 AUSTRALIA R Australia V/Good in EE ex 15510? HJS

15530 0225 PHILIPPINES R Veritas Asia Fair in EE with Id and S/off 0225 28/10 KVB

15530 0345 Seychelles FEBA New frequency ex 15460 for AA pgm Interval signal then sign  
on with fair signals 31/10 PWO

15550 2150 GUAM AWR Voice of Hope Very good with Waveguide Website given as www  
awr.org 25/10 PVP

15565 0400 UNID LOCATION Mystery station with flute music intro and then anthem with  
Russian sounding speech and Middle East sounding Music? Excellent signal 3/10  
NMK (Any more clues? -Ed)

15820 0415 ARGENTINA Radio Continental relay on USB to Antarctic region with popular  
vocals & phone ins, Ids in SS - Meanwhile on LSB a different Buenos Aires station  
Aspen FM Id at 0458 as "desede la ciudad de Buenos Aires transmite Aspen" 17/10  
Both station audible past 0700 BDC (Do they QSL? - Ed)

15656 2230 BELGUIM RVI fr Comes straight on & into pgm Several trans breaks 26/9 NMK

17485 2304 CZECH REPUBLIC R Prague Good in Spanish Id 2305 10/10 KVB

17510 2047 USA WHRI Good with religious pgm Reports invited HJS  
2323 Weak with modern Christian Mx and "WHRI" Id Noisy QRM AMQ

17555 2045 USA WYFR V/good in French with full Id HJS

17580 2000 SWITZERLAND SRI gd EE w/ Id "This is World Radio Switzerland" & nx 8/10 NMK

17580 2350 AUSTRALIA R Australia Good with sports news all about Test cricket with no  
mention of World rugby Cup win 7/11 AMQ

17600 0326 PORTUGAL RDP Good in PP with contemporary Mx pgm Id at 0400 10/10 KVB

17615 0413 UNKNOWN LOCATION R Free Asia Tentative Moderate signal in CC and Mx //  
15660, 17495 best 17525 jammed 10/10 KVB

17650 1230 GT BRITAIN Wales Radio International Excell. in EE Saturdays only 1/2 hr pgm IC  
1230 Excellent in EE with Celtic Notes pgm BML16/10

17650 2159 USA WHRA Angel 5 Fair/good to Africa in EE with reports invited HJS

17660 2158 ECUADOR HCJB Good ending EE pgm to Europe HJS

17705 1815 GREECE V of Greece Fair with museum report and Id as "Voice of Greece"

17830 1800 ASCENSION ISLAND? Good with World News AMQ

17895 0120 PAKISTAN R Pakistan Fair in Urdu with ethnic Mx followed by Koran 0130 and  
Nx 0200 // 15485 moderate I/sig and Id followed by 0200 28/10 KVB

17895 0840 MOROCCO VOA Briech relay This listing for unknown loc. given last month GJ

18910 1948 USA WSHB Very good with religious pgm for Africa in EE 24/10 PVP

21455 0115 ECUADOR HCJB Fair in USB with EE announcement re emergency plans if erup-  
tion disaster occurs 3/10 CC

21460 0625 PAKISTAN R Pakistan carrying address by Military leader in English & Urdu.  
Spoke about Islamic republic states. Closed down 0656 w/ Nat. anthem 3/11 BDC

21480 0703 ROMANIA R Romania Int Good till 0756 closedown with News in EE commen-  
taries and music // 17720 3/11 BDC

21495 0330 SAUDI ARABIA BSKSA First noted at this time through to S/off at 0545 in // 15170  
Maybe general Home service pgm as wasn't on Koran when monitored 1/11 PWO

21505 0630 SAUDI ARABIA BSKA Maybe retune from 21495 which closed at 0600 though  
Koran may mean this is Holy Koran service noted in // to 21705 both very good sig-  
nals 1/11 PWO

21520 1900 ITALY RAI First time noted here at this time Poor signal S/off after interval signal  
at 1905 1/11 PWO

21630 1829 GT BRITAIN/IRELAND?? RTE Dublin relayed via Merlin transmitter location un-  
known Opens abruptly with domestic news relay Closes abruptly 1859 Prior to 1829  
pgm BBC French for Africa on this frequency 19/10 & 1/11 BDC  
1830 Good with 30 minute EE pgm either Ascension Island or Gt Britain Also on //  
13725 and 12160 with 5 sec delay 20/10 BML

21650 0841 AUSTRIA ORF/ROI Fair signal EE pgm talked about labelling of GM foods #PRP

21600 2130 USA R Marti New frequency with usual anti Cuban harangue running talk show  
Fair signal though some flutter Other 13 metre banders observed at this time RDP  
21800, Family Radio EE 21525 Voz Christiana 21550 RFI Montsinery SS 21645 RA EE  
21740 1/11 PWO

21680 0900 GERMANY D/Welle Good with news then Talking Point discussing the lowering  
of greenhouse gasses #PRP

21750 0730 SWITZERLAND SRI Very good in EE // 17685 IC

25740 0800 GERMANY D/Welle Strong in GG New freq since 1/11 // 21780 & 21640 BDC

25820 0900 FRANCE RFI V/good opening in French 2/11 BDC  
0941 Moderate in French with Mx and Nx I/sig 0956 8/10

My thanks to all contributors this month Items marked with an # indicate a report was sent to the station. Please send contributions direct to 36A Brentwood Street Trentham Upper Hut or via P O Box 3011, Auckland or to bandwatch.over9@radiodx.com. 73's Andy McQueen

### SHORTWAVE EXCHANGE

**AMQ** Andy McQueen Trentham Wellington Sony 6800 with 40m long wire - **BDC** Bryan Clark Mission Bay Auckland - **BML** Bill McLeod Christchurch Kenwood R5000 60m wire & 12 m vertical - **CC** Cliff Couch Paraparaumu Sangean ATS803A 60m horizontal loop - **GJ** Gunter Jacob Passau Germany - **HJS** Jack Searle Haumoana Hawkes Bay Icom R71 100m long wire 19 & 60m dipoles - **IC** Ian Catermole Blenheim NRD545 T2FD and Alpha Delta antennas - **KVB** Kelvin Brayshaw Levin FRG7 Sony ICF2001 5 mhz dipole and horizontal loops **LMM** Leigh Morris Morphett Vale South Australia DrakeR8 - **NMK** Nev McKenty Tamatea Napier JRC545 & Icom R70 and sloper aerial- **PRP** Paul Peacock Blenheim Sony 6800 **PWO** Paul Ormandy Oamaru Drake SPR4 - **PVP** Phil van de Pavverd on holiday in Mangonui. Receiver not listed

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

The storm enveloping the country has abated and here in Auckland, on Saturday afternoon we are having warm sunshine. Hang on for a further bout of rain since the All Blacks have brought a fit of dispondency.

Welcome to new contributor Bill Mannix of Milton, Otago. Bill is an enthusiast for RTTY and we hope to include some of his loggings in this mode (decoded) pretty soon. For contributions the address is 14 Kia Ora Road, Birkdale, Auckland, unless reporting loggings for other columns, in which case they should be mailed to PO Box 3011, Auckland, for separation to respective Sub Editors.

2749 0945 Unid aircraft/Unid aeronautical station. Very weak. Possibly USCG with WX including swell forecast. NMK  
3330 1000 CHU Ottawa time signal station. NMK  
3467 1055 NZ 164/Auckland. SC HRLQ. NMK  
3467 1055 Auckland/NZ 106. Posn. Slow down and repeat all after 41000. NMK  
5547 1009 San Francisco/Unid aircraft. Read back. R463 entering milspace. NMK  
5601 1901 Asuncion Volmet in Spanish. WX for Concepcion. NMK  
5643 1007 Auckland/Argentina 1180. EM  
5643 1951 Brisbane/N555KC. EM  
5643 0730 Nadi/Citation 33SF. Posn. NMK  
5665 1747 Perth/Swissair 189. Posn. SC MSDF. NMK  
5649 0837 Air France 610/Gander. Aero station not heard - go ahead. EM  
5649 0701 LDA 46/Gander (Lauda Air Austria). EM  
5673 1228 Guangzhou Volmet. EM  
6215 0820 Felice Sorina/Taupo Maritime Radio. Change to 4125. 40 litres diesel left. Rendezvous with Armico Patricia who can assist. Posn 31.45 S 173.28 E. BJ  
6628 1001 New York/Springbok 201. EM  
7995 0858 MAC Weather/South Pole. JC  
8297 0530 Yachts on passage from Nuku'alofa to Minerva. BJ  
8867 0956 Auckland/Evergreen 7550 (Evergreen International Airlines USA). LATEK 0955 Estimate Auckland 0155. 293/38. FL 330. Squawk 4432. EM

8867 2246 Auckland/RMF 655 (Royal Malaysian Air Force). Posn. NMK  
8867 0230 Polar Tiger 181 (Polar Air Cargo USA)/Brisbane. Primary 13261. Sec. 8867. NMK  
8867 0505 Brisbane/Air France Concorde 4604. Posn DORAX. SC Check. In block 410-600. NMK  
8867 2145 Auckland/Airbird 50. Posn and SC. NMK  
8867 0739 Tahiti/Hawaiian 952. Posn. Reaching ROTAC. NMK  
8867 0740 Brisbane/Connie 710 (American Intl Airways USA). Posn TEKAP 0737. NMK  
8867 0758 Auckland/VH-NCP. Req 430-450. Cleared. Auck has guard. NMK  
8867 0759 San Francisco/Air France 070. SC AGRS. NMK  
8867 2137 Air Nauru 387/Auckland. Return immediately to 310. NMK  
8867 2137 Auckland/Air Nauru 387. Just left 280. NMK  
8867 2251 Auckland/Argentina 1181. Posn. NMK  
8867 2246 Auckland/Air India 2000. Radio check on ground Christchurch. Make primary 8867. Check second radio. NMK  
8879 1136 TJN 88 (Tien-Shan Airline of Kazakhstan)/Perth. FL 370. 40 miles left of track OK. EM (European pilot)  
8903 1743 Manila/Korean 112. EM.  
8903 1745 Manila/Cathay 105. Posn MAULI. Have comms with Ujung. EM  
8903 1747 Manila/Japanair 224. FL 330. EM  
8903 1747 Eva 671/Hong Kong. Call Control 121.3. EM  
8903 1748 Singapore/Singapore 990. EM  
8903 0858 Tokyo/Cathay 883 Northwest 26. SC CEBJ. NMK  
8906 0846 Unid 605/Santa Maria. Report reaching 350. NMK  
8930 0515 Stockholm Radio/World 810 Air Force 6642. NMK  
8930 0358 Stockholm/9 Gulf Mike on ground Kuwait. (May be Ghana) BJ  
8933 0930 Cedar Rapids/Continental Unid. You will be seeing daylight. NMK  
8933 0944 Cedar Rapids/Continental Unid. WX for Mindanao? NMK  
8939 0525 Rostov Volmet. Female in Russian 5 minutes. NMK  
8942 1947 Japanair 738/Manila. Call Control 123.7. NMK  
8942 1948 Manila/Transcal 1013. Posn. SC unserviceable. NMK  
8942 1817 Singapore/Malaysia 52. Kuala Lumpur for Kansai. NMK  
8942 1815 Manila/Singapore 882. Posn. Contact Manila 118.2. NMK  
8951 0846 Tokyo w/ Japanair 46 Delta 56 Maritime 70 (Aero Charter USA) United 801. NMK  
8951 1000 Tokyo w/ Japanair 27 Delta 52 Air China Unid Cathay 888 Delta 74 Air Canada 890. NMK  
8957 0523 Shannon Volmet WX Geneva. NMK  
8992 0827 Reach 3080/McClellan. No reply. NMK  
9032 2011 Auckland/907. OPORO 2010. Block 300-370. DAMOS 2135. EM  
9032 2024 Auckland/Skier 91. Readability 3-4. Try 11 Upper. EM  
9032 2025 Skier 91/Auckland. Radio check. EM  
9032 0920 Auck/Qantas 115. Negative SC. Confirm you have data link w/ Auckland. EM  
9032 0923 Argentina 1181/Auckland. EM  
9032 0841 Auckland/Skier 96 0838. Wind 55/24. -35o. Estimate OPORO 0937 OPORO 0937. FL 240. Endurance 5 hours. EM  
9032 1957 Auckland/Ice 10. EM  
9032 2035 Auckland/Skier 96. Posn. NMK

9032 2100 Skier 96/Auckland. Stay with Christchurch until ANOPA. NMK  
 9032 2109 Skier 96/Skier 91. Auckland calling you. Do you copy. Neg. NMK  
 9032 2121 Ice 07/Auckland. NMK  
 9032 2121 Skier 91/Auckland. Tell him to try 17904. NMK  
 9032 2011 Auckland/Ice 807. Posn. Estimate DALOS 2137. NMK  
 9032 2025 Auckland/Skier 91. Radio check. Still with Christchurch. NMK  
 9032 2046 Auckland/Skier 91. Posn.Request block 200-250. NMK  
 9032 2046 Skier 91/Auckland. Give ground speed and est DALOS. NMK  
 9032 2053 Skier 91/Auckland. Can you operate 200-250 following ftc. NMK  
 9032 2150 Ice 17/Auckland. Try 17904. NMK  
 9032 0800 Ice 10 off deck reporting to Mac Centre. Estimate Byrd 0801 Christchurch 1225  
 Estimate 60 S 1011. 46 Pax. Endurance 7 hrs.40550 lbs cargo Negative mail Later  
 winds pretty good Now estimating Christchurch 1218. JC  
 9032 0806 Ice 10 reports level at 350. Mac Centre asks for 75 S. 0820. JC  
 9032 0820 Ice 10 Posn to Mac Centre 75 S 0820 FL 350 Est 70 S 167.40 E 0856. Endurance  
 6+41. Temp -65o 216/121 Request Christchurch WX for time 1200. JC  
 9032 0825 Ice 10 requests Mac Centre advises QSY 11256. I can hear both but they cannot  
 hear each other. Remain 9032. JC  
 9032 0921 Auckland/Qantas 115 posn 55 S 131 W 0932 60 S 125 W. JC  
 9032 0843 Auckland/Skier 96. BJ  
 10051 0915 New York Volmet Miami 0600 Vis +6 2500 scattered cloud. EM  
 11175 0724 Reach 5010/Hickham fr phn patch to comm post then to Charleston Meteo. BJ  
 11285 1820 Kuala Lumpur/Malaysia 97. Posn. Bound KL.FL 370. NMK  
 11300 1939 Tripoli/Condor 313 (Condor Flugdienst Germany) EM  
 11300 0356 Sanaa/Kenya 314. EM  
 11300 0350 Cairo calling Khartoum Dubai Nairobi Jeddah. BJ  
 11306 0906 Lima/Canadian 100. Estimate Sao Paulo 1304. EM  
 11318 0308 Sverdlorsk Volmet. EM  
 11384 0945 Naha/Dynasty 005 Posn.SC Check. Secondary 8903. NMK  
 11384 0946 Naha/Japanair 60 Cathay 883 Japanair 744 with posns. NMK  
 13264 1830 Shannon Volmet WX Amsterdam Copenhagen. NMK  
 14962.2 1920 This is MUH9A/MUI. Just the 2 of you working today? NMK  
 17344 0433 RAN Canberra Control/traffic. BM  
 17904 2151 Auckland/Ice 17. Posn. Blocks 330-350. DALOS 2230. NMK  
 118.1 2237 Air Force One/Queenstown Tower cleared for VOR/DME approach (113.6 Chan-  
 nel 83) NMK  
 120.7 0235 Dunedin Tower/Rouge 30. Dunedin area VFR 4.Chch 4000. BM  
 126.8 0210 Ansett 2722. Taxi runway 34. Cleared for take off. NMK  
 129.3 2232 Christchurch/Air Force One Cleared 180-150 S Christchurch. BM  
 129.3 0436 ChCh Control/Air France Concorde 4604. Climbing FL 600 West Bound. BM  
 Contributors: JC John Charlton Greymouth Kenwood 5000 30 m wire - BJ Basil  
 Jamieson Oamaru Drake R8 Kenwood 5000 random wire - NMK Neville McKenty Napier  
 NRD 545 Icom R 70 AOR 2002 60 feet antenna sloper Short Wave listener Discone D130 BM  
 Bill Mannix Milton FRG 100 Alpha Delta Sloper ICRI Uniden 9000XLT Discone or 19 element  
 Yagi EM Evan Murray Auckland Kenwood 5000 Yaesu FGR 7700 T2FD.

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## marketsquare@radiodx.com

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For sale - Kenwood R-600 communications receiver (good order) \$250, Icom IC-720 HF transceiver, suitable as communications receiver only, 100kHz - 30MHz, Tx mode would be disabled, \$200. Purchaser to pay freight. Contact Gordon ZL4PQ, e-mail: ZL4PQ@xtra.co.nz

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

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

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As we read this, Chris Martin is hiking around the Bolivian altiplano, and not doubt visiting the odd radio station as he goes. Hopefully we'll read of his exploits shortly. DX continues to improve, particularly from the USA - keep an ear on WWV/WWVH for their propagation broadcasts at 18 and 45 minutes past the hour. If you notice a low A-index, then expect activity from East Coast USA, and if it soars up to around 100, you should find West Coasters really romping in. Into the mailbag and not too many contributors this time round

Harry Weatherley, Melbourne has been active again, and visited South Western Australia with fellow DXer Brian Dodgson "Listening at Walpole on the southwest coast of WA 500+ km from Perth was nothing like we had anticipated. We went there thinking there would be loads of African and maybe South Americans on MW. No South Americans and only a few high-power Africans were heard. The surprise was Yank signals above 1400kHz and in fact on one evening there were signals on almost every 10kHz spacing above 1400! Filipinos were abundant, many Indonesians (although we didn't chase them) and Europeans/Middle-east stations were there. Not a single NZer noted on the band and after 200z, few if any East Coast Australians. I do believe we would have done better with Africans if we had DXed on the West Coast a little below Bunbury. If I make a return trip in the next year this is the area I'll be looking at for a nice Beverage site" And we'll look forward to another interesting trail from there too!

Bill Waller, Opunake, "Nothing much doing up here reception-wise, conditions from the east have been very poor. Mike Smith (ex broadcast editor) and I did go out the other evening to try out the Peter Chambers Radial Wire idea, We ran a wire out along the old breakwater at the Opunake beach.

Around 150 meters and about South East. Managed to hear Peru 1470 at good strength. Had about a 5 minute opening on the X Band then every thing went flat. The tide had covered about a ° of the wire by then so we packed up and tried here at home with the usual antenna and with the same results -ZILCH. We evidently picked the wrong night. We did notice down at the wharf the Auckland stations were a lot weaker, but the Christchurch ones were really up. Otherwise I did get enough detail to get one away to WRNC 1670 and have got WHKT 1650 back, full page, Verie Signer Doug Stewart, Group Marketing. And WMDM another full page with a note on the bottom Hand written from Tomas "TC" Cuellar. Well that's about all from here, sorry about the lack of Trail but its been one of those forgettable months, well as far as reception goes." At least you've given it a whirl Bill and we'll look forward to

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continuing experiments with the radial aerals.

**Chris Martin, Ormost.** "Getting in early as we are away tomorrow to Latin America. No reports away. QSLs are KFNN 1510, KUNX 1590, R. Santa Rosa, Lima 1500." Going to collect a few QSLs from the Latins while you are away?

**Andy Gardner, Guadalajara, MX.** checks in briefly to report that he has finally found time on his trip to turn on his tiny Sony SRF-M32 and listen to some local Mexican MW stations to assist in his language tuition. "Currently I'm listening to the local Guadalajara station on 1190kHz. I've drive past the studio/transmitter mast frequently, it's very close to the centre of town. Watch for a photo in a future DX Times. If anyone needs a QSL from it, let me know!"

**Paul Ormandy, Oamaru.** "Just one log from a few hours at Waianakarua over Labour Weekend, XEAI 1470. QSLs have arrived from 2AP 747 (after a number of follow-ups - finally replying for a tape report), and Southern Star 1026. The local North Otago Branch members will be dexpeditioning to try the radial wire antenna too"

### Merv Branks Trophy

Paul Ormandy 13, Lindsay Robinson 4

### Best of the Month

Paul Ormandy, 2AP Apia, Manu Samoa 747kHz 10kW

### Trail Time

Walpole, West Australia DXpedition. From 11/9/99 to 18/9/99, using Icom R71A, Drake SPR-4 and 200 metre longwire at 210 f. Walpole G.C.: 34f 55' 17" S; 116f 47' 03" E. Participants: Brian Dodgson and Harry Weatherley.

567 1850 GUAM KGUM, nx EE MA & FA, pr sig but gd by 1900, well o/co-ch 4JK

657 2026 N KOREA Kangnam, MA speaker in KK, fr.

666 2021 AUSTRALIA 6LN Carnarvon noted w/id, fr sig, w/DZRH under.

873 2036 JAPAN JOGB Kumamoto, JJ fr, Arab stn under

909 2025 PHILIPPINES DYLA Cebu City, Tagalog, fr sig, ID c/c Indonesian stn

945 2043 FRANCE Toulouse, FF, pr sig, MA spkr.

999 2015 PHILIPPINES DYSS Cebu City, EE, fr sig, id by DJ, mx prog

999 2049 INDONESIA RRI Jakarta, fr, Indonesian, ID noted at this time.

1179 2056 PHILIPPINES Unid stn, pr, Islamic prog, possibly DXMT

1233 1655 CYPRUS TWR Cape Greco, FF prog & into AA 1700, gd sig hrd till s/off 2059

1242 2101 OMAN Muscat, AA fr, MA spkr

1269 2107 PHILIPPINES unid stn, Tagalog, pr sig MA

1278 2111 PHILIPPINES unid stn, Tagalog, pr sig FA

1314 2113 PHILIPPINES DWXI Manila, Tagalog, fr, FA (Filipinos were on most freqs)

1413 1415 BANGLADESH R Bangladesh, Bengali, gd, MA spkr

1413 1848 OMAN Masirah Is, BBC, AA vgd at 1900 into EE WS nx.

1422 1843 IRAN Esfahan, Farsi, fr, MA vocals, anncts

1430 1220 USA Unid stn, poor, sports nx, fade quickly & gone by 1230.

1431 1838 JAPAN JOVF Wakayama, JJ, fr, FA, mx

1458 1710 MAYOTTE (presumed) FF, pr, MA w/nx

1467 2150 MONACO TWR Romoules, AA gd, ilk

1475 1055 PHILIPPINES DWRB? Tagalog, fr, stn is 1kHz off freq! Also hrd 2104

1476 2048 PHILIPPINES Unid stn Tagalog, noted pr and again at 2104

1485 1955 PHILIPPINES Unid stn in EE, fr, phone-in prog. At 2000 gave DZRH ID so this unid is affiliated with the Manila B'casting Network.

1494 2005 PHILIPPINES DWSS Quezon City, Tagalog, fr, wake-up song, cock crows hrd again

1503 2100 PHILIPPINES Unid (DXBB Rojas City?-ed) in Tagalog, pr, part id hrd "DYÖ" noted again 1957 w/anthem, c/c 3AK under.

1510 1108 USA KGA Spokane WA, fr, ilk prog & ID 1159.

1512 2000 BELGIUM R Vlaanderen Int, fr, time sig pips & nx in Dutch

1512.4 2058 PHILIPPINES DYAB Cebu City, fr, id by MA in EE as "DYAB - AM Cebu City" hrd again at 2057 in Tagalog and still 600Hz off freq.

1520 1025 USA KKSXN Portland OR, gd, oldies format, ID as "Sunny 15-20", legal id at 1100 as "KKSXN Portland". Noted again 1050 & 1154.

1521 1726 SAUDI ARABIA Duba, AA fr, //1440 vgd sig

1530 1115 PHILIPPINES DZME Quezon City, Tagalog, vgd, ID by FA & repeated in EE

1530 2053 SAO TOME VOA, gd, FF at this time - a UN prog. Again 2115 in EE w/good sig. This one hrd nightly from around 1800 past 2100.

1539 1942 TAIWAN BED78 Tainan, fr CC, FA ilk

1539 1948 GERMANY? Unid stn, fr GG, MA & GG songs. Is Mainflingen still on air?

1540 1104 PHILIPPINES Unid, Tagalog, gd, well over KXEL and 1kHz off freq. DZYM?

1540 1034 USA KXEL Waterloo IA, gd, wx info, college football results 1035

1548 1735 SRI LANKA Deutsche Welle, Trincomalee, fr GG, nice ID

1566 1045 PHILIPPINES DXID Pasay City, fr, Islamic chants

1566 1830 INDIA AIR Nagpur, fr EE, time sig pips then nx read by FA

1566 2106 TUNISIA Sfax, gd, AA nx, hrd number of days (and not bad timing! Just seen an internet report which has them going off air - ed)

1570 1220 MEXICO XERF Cd AcuÖa, SS pr, hrd once only, usual mx prog

1575 1210 THAILAND VOA, fr EE, FA reading nx.

1580 1250 USA KCWW Tempe AZ, fr, "Radio Disney" prog

1584 1011 PHILIPPINES DYSG pr, MA w/ID in EE as DYSG. Call-change or new stn?

1600 1040 USA Unid stn w/Black gospel mx, maybe KATZ?, pr sig

1604.8 1750 PHILIPPINES Unid stn, Tagalog, pr, MA, FA vocals w/Indian flavour. Who?

1611 0835 AUSTRALIA 6GS Wagin, gd, sports prog

1690 1105 USA Unid stn in EE, pr, ilk prog

The frequency 1593kHz was quite interesting with no less than 5 stations being heard over a period of 1.5 hours from 1900z. On 16/9/99. The dominant signal was a Chinese station with almost continuous music. The only stations identified were 3RG Melbourne, an Italian language program, and an NHK Network JOTB at 2030z sign-on. Another station under the Chinese signal could have been V6AK Chuuk, FSM. Also a French language station was noted with weak signal but we have no idea as to its identity.

### Kiwi Trail

NMPC - Nev McKenty and Peter Chambers from Lagoon Farm (plus a few from Nev at home in Napier). POW- Paul Ormandy, Waianakarua

540 1100 AUSTRALIA 4QL Longreach. NMPC

640 0835 USA KFI Los Angeles CA with ID. NMPC

666 1030 NEW CALEDONIA FRO Noumea, chat show in FF. NMPC

680 0730 USA KNBR San Francisco CA, sports nx, "Francisco 49ers" main feature. NMPC

684 1035 AUSTRALIA 2KP Kempsey. NMPC  
690 0730 CANADA CBU Vancouver BC, classical mx. NMPC  
870 0930 HAWAII KAIM Honolulu, sports? Pete thinks their format may have changed. NMPC  
1070 0710 USA KNX Los Angeles CA. NMPC  
1110 0705 USA KRLA Pasadena CA, wx report for Northridge (suburb of LA). NMPC  
1180 0650 USA R Mari, Marathon Key, FL, in SS. NMPC  
1470 0708 MEXICO XEAI Mexico City, dominant w/gd sig, string of ads & canned ids. POW  
1500 0633 USA KSTP St Paul-Minneapolis MN. NMPC

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

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**NEW ZEALAND** Radio Pacific's new Ashburton relay on 1071kHz is now on. Presume power to be in the vicinity of 2kw. (Paul Ormandy). The latest radio audience results show AM only, or AM networked stations, rated as follows: Auckland, Newstalk ZB (1080 and 89.4FM) is still most popular. FM stations fill slots 2 to 5, then TYA National Radio 756 is 6th. Other AM station placements in the Auckland ratings are Radio Pacific 702 10th, Radio Sport 1332 11th, Rhema 1251 15th. Tauranga's leading AM station is Newstalk ZB in 5th place, followed by National Radio 6th, Radio Pacific 8th, Radio Sport 10th, Rhema 11th. Waikato - National Radio 1143 in 4th place, Radio Pacific 6th, Newstalk ZB 9th, Radio Sport 13th, Rhema 15th, Southern Star 17th. Rotorua - Radio Pacific 5th, National Radio 6th, Rhema 11th, Radio Sport 12th. Taranaki ratings have Newstalk ZB in 2nd place, National Radio 7th, Radio Pacific 9th, Radio Sport 10th. Rhema 11th. Hawkes Bay - Newstalk ZB is 2nd, Radio Pacific 5th, National Radio 6th, Rhema 10th, Radio Sport 12th. Manawatu radio listeners have National Radio in 2nd place behind 92.2XS-FM. Magic 828AM/98.6FM is 4th, Radio Pacific 6th, Newstalk ZB 7th, Radio Sport 10th, Rhema 11th. Wellington, has the non-commercial 2YA National Radio outlet on 567 continuing to lead with 18.4 percent of the weekly listenership aged 10 years and over. 91ZM-FM was second, followed by The Breeze (891 AM as well as FM) and Newstalk ZB 1035. Other AM places were Radio Sport in 9th place, one ahead of Radio Pacific 711. Radio Rhema was 13th in the capital city, followed by their Southern Sounds Network 657 entering the survey for the first time. Christchurch - Newstalk ZB 1098 is top rated, with National Radio 3rd, Radio Pacific 8th, Radio Sport 10th, Rhema 15th, Southern Star 17th. Southland - Newstalk ZB is 5th, National Radio 6th, Radio Pacific 7th, Radio Sport 9th, Rhema 11th. (Research International via e-MedianStrip 10/99)

**ALGERIA** The Saharan clandestine on 1550 signs on at 1800 UTC. (Martin Elbe visiting Morocco via MW Circle e-mail via NRC IDXD 10/99)

**AUSTRIA** Radio Helsinki, Graz, is willing to start transmissions on 1026 in the autumn with a power of 150 kW, being the first broadcaster to take advantage of the freeing medium wave frequencies for private stations in Austria. This station broadcasts at present on FM as "free radio". (RADIORED via FSDXF in MW News 10/99 via NRC's IDXD email)

**CEUTA** (small Spanish enclave in Northern Africa) operates on 1583.6 kHz spoiling reception of 1584 completely. Nasty heterodynes must make it unpleasant to listen to even in Ceuta. (Martin Elbe visiting Morocco via MW Circle e-mail via NRC's IDXD 10/99)

**DOMINICAN REPUBLIC:** Two new stations are on the air 1560 R. Libertad, Santiago, 1 kW, 24 hrs, and 1590 R. Mundo, Santiago, 1 kW, 24 hrs. 610 HIJR R. Amanecer, Santiago (ex-R. Acción), now relays 1570 Santo Domingo. (Carlos Benoit, ARC 9/99 via NRC's IDXD email)

**FRANCE** Updated medium wave/long wave situation straight from Maison de la Radio: the 162 kHz long wave transmitter is located in the Cher department and broadcasts France Inter 24 hours except Tuesday from 0100-0500 local, with power of 2000 kW day and 1000 kW night. Radio Bleue is on 603,711,837,864,945,1206,1242,1278,1377,1404,1494 and 1557 from 0655 to 1900 (but on Marseilles 1242 usually well into the night with les nuits musicales de Radi Bleue, full of ID's frequencies, programme promos and music from French all time hits to Cat Stevens. The following local stations have local opt-outs on the frequencies of Radio Bleue: R. France Alsace (in Alsatian on 1278), R. France Amorique (in Breton on 711 kHz) and Radio Corse Frequenza Mora (on 1404 and 1494 kHz from 0700-0800 and 1200-1300). FIP is on medium wave in Paris only, only 585 kHz from 1600 to 1800 and in Lille (Mon-Fri only) on 1377 from 1900 to 2000. (Stefano Valianti via BDXC UK in MW News 10/99 via NRC's IDXD email)

**KIRIBATI** Newair FM directors recently appeared in court in Bairiki, Tarawa charged with importing broadcasting equipment and conducting broadcasts without government licence. If allowed to continue, Newair FM would have been the only private station in Kiribati where state-owned Radio Kiribati 846 AM continues as only outlet. (Islands Business 10/99 via David Ricquish)

**MEXICO:** XEPH 590 La Pantera, Mexico, ex R. Sabrosita 590. XEW 900 has three slogans "La Voz de la America Latina desde Mexico", "La Catedral del la Radio en America Latina" and "Cadena Azul y Plata" for this station and its repeaters. XEQ 940 Cadena Verde y Oro, Mexico, ex :La TropicQ". 1440 XEEST R. Noticias 1440, Mexico ex Cambio. 1480 XECARH LV de Pubelo Hñahñu, Cardonal, Hidalgo, 2.5 kW, new. 1530 XEUR Tu Musica, Mexico, ex La Poderosa. 1630 XEUT R. Unidersidad address: Edif. Rectoria, Av. Alvaro Obregón y Calle Julián Carillo s/n, CO. Nueva. 21100 Mexicali, 10/1 kW. (Héctor García Bojorge in ARC 9/99 via NRC's IDXD email)

**NEW CALEDONIA** Radio Nouvelle Caledonie (ex-RFO) is the new name for the service which drops French metropolitan programs and adds local music and programs to reflect greater autonomy of the territory. Check out changes at 666 AM. Similar changes have also taken place at Radio Tahiti (ex-RFO) and Radio Wallis et Futuna (ex-RFO). (Islands Business 10/99 via David Ricquish)

**SAMOA** In a QSL from 2AP's Chief Technical Officer, Mr. C Warren, for 747kHz, he provides the following information about the MW service. 540 is now the only full-time channel carrying the bi-lingual (English and Samoan) service from 6 a.m. till 11 p.m. daily (1700 - 1000 UTC). The former second program channel of 747 is now only used for carrying school broadcasts 8:30 a.m. till 9:30 a.m. (1930 - 2030 UTC) and then switched off. This channel is also used for broadcasts of the English version (translated) from Samoa's Parliament when it is in session. 747 uses a DX 10 Harris transmitter fed into a 120 metre mast with omnidirectional pattern. (Paul Ormandy)

**DXPEDITION SUPREME!** The following URL may be used to access the latest Newfoundland DXpedition information, as well as reports of the previous 7 DXpeditions that were held from 1991 to 1998: " <http://members.xoom.com/MarkWALLION/nfdxpage.htm> (IRCA DXM 10/99)

## SOME THOUGHTS ON QSLING U.S. MEDIUM WAVE STATIONS

One thing that never crosses the minds of most DXers who seek QSLs is that the stations they write to don't owe them a damned thing. I have had experience with a few

verie requesters who were very demanding...and I think in the back of their minds, most others think a station is obligated to respond. While that may be true from a moral and social point of view...it's not necessarily the way business is done anymore.

The fact is that even those employees of radio and TV stations who do understand and appreciate the DXer's interest in verification reports probably don't have the time to handle those requests. That's what happened to me during the past year at WSM. I had been handling verie requests for about 10 years...and my work load kept increasing and proportionately my time for DXer related correspondence dwindled to near zero. (NOTE: I'm now retired and have completely eliminated the backlog...and I will continue to handle WSM AM & FM and WWTN DX-related correspondence.)

So...**BUSY** is the number one reason that verie requests do not get answered.

**DON'T CARE**...is a close second. Stations know where their bread and butter comes from, and could care less if someone outside their coverage area received their signal.

**CONTRACT ENGINEERS** would rate third on my list. DX letters used to be the responsibility of the engineering department...usually the Chief Engineer. Most CEs were conscientious about handling them...and although they didn't like the extra paperwork...eventually got replies sent off. Now, with a huge number of stations NOT having a full-time engineer on staff, verie reports have become bastard stepchildren...with no particular person/department to handle them. Most contract (part-time or retainer) engineers won't handle verie requests.

**DON'T UNDERSTAND**...could be part of the mix. I can easily envision a secretary opening a DX verie request/reception report and saying .... "Oh, isn't that nice...somebody heard (or saw) us in the Yukon." ... and then promptly dumping it in the trash can.

**COST CUTTING** might be a factor too. Some operations are budgeted so tightly that they won't spend a nickel for non-essential items...which of course includes DXer correspondence and the time required to handle it.

There are probably more...each operation has its own idea about how to handle hobbyists (or not handle them at all).

At any rate, my thought is that no matter how accurate, neat, polite, or even flashy your letter may be (with or without picture or tape included), times have changed to the extent that it won't make much of an impression.

Sorry to be so negative, but that's the way the big picture of the status of verification reports looks to me. (Tom Bryant, Nashville TN, USA via Greyline email 1998)

### AM RADIO LOG 20th Edition

This annual edition, indispensable to any serious DXer of North American Medium Wave stations, contains 321 pages, 8 1/2" x 11" size, 3-hole punched, loose-leaf format. Radio station listings from the United States and Canada including up to the last minute information on the new stations in the Expanded band (1605-1705). Each station listing consists of its location, frequency, call, format, network affiliation, station address, station slogan, day and night transmitter powers. There are cross-references by city and by call letter. The cost for delivery to the South Pacific is US\$28.00. Send orders to National Radio Club, Publications Center, Box 164, Dept W, Mannsville NY 13661-0164 USA.

adcom.news@radiodx.com compiled by Bryan Clark, Auckland

**WELCOME TO THE FOLLOWING NEW MEMBERS...** GILBERT EPPS, 7 Palm Court, Olean-der Lane, Mount Maunganui; BILL DODD, 112 Rawhiti Avenue, Matamata 2271; EVAN DODDS, 2 Lambert Street, Abbotsford, Dunedin 9006; ROGER GIANNINI, 316 North Park Apt B, Springfield, Illinois 62702, USA and JONATHAN MARKS of Radio Netherlands in Hilversum! Gilbert joins upon the recommendation of Napier member NEVILLE McKENTY. For that referral, Neville wins a two-months extension to his annual subscription! Evan is a retired radio serviceman - welcome Evan - a large number of our members have combined retirement with an interest in what comes out of their radio loudspeaker! Roger joins us after checking in at the DX League internet website <http://radiodx.com> while Jonathan made a flying visit to Auckland at the start of November to hand in his subscription - more of that later! Welcome gentlemen - we hope to see details of your DX listening efforts and radio-related contributions in our various columns!

**1999/2000 LEAGUE OFFICERS** The following members were elected at the 1999 AGM - Patron JACK FOX of Mosgiel; President BARRY WILLIAMS, Vice President BRYAN CLARK, Secretary EVAN MURRAY, Treasurer PHIL VAN DE PAVERD, Committee Member DAVID NORRIE (all from Auckland), Competitions Secretary ARTHUR DE MAINE of Wellington, Chief Editor ANDY GARDNER (believed to be in Mexico this week!). TOM PEARSON was reappointed as Auditor.

**ANNUAL LEAGUE COMPETITIONS** The following awards were announced at the League AGM on 31 October: Inter-branch - Hope McGregor SW Trophy won by Southland Branch; Individual - Whitestone Trophy for Best of Year Medium Wave to PAUL ORMANDY for SER Radio Santander Spain 1485kHz 2kw; Chester Cup for Best of Year Shortwave to DAVID NORRIE for CHNX Halifax NS Canada 6130 50 watts; Junior DXer of the Year to DAVID McGAUGHEY; Merv Branks Trophy to PAUL ORMANDY. Congratulations to all these worthy winners.

**AGM REMITS** There was lively debate on 5 remits this year. North Otago Branch's proposal to change the Bandwatch format from frequency to time order was lost on the basis that Bandwatch Sub-Editors will provide their completed columns to YURI MUZYKA each month in time for a cross-referenced time-order listing to be included in the same issue. This approach will be trialed for 6 months. The needs of SWLs would also be met by an updated 'English SW Broadcasts', which KEN BAIRD hopes to publish in the January 2000 magazine. Amongst arguments opposing the change was the fear that contributing DXers would 'desert' the column as had occurred in overseas magazines. DAVID RICQUISH's proposal for a Heritage Committee was approved and the Adcom will consult further with David and League Archives Officer PETER GRENFELL. David's 2 remits to offer reduced subscriptions were not supported. There was also resistance to changing the magazine name to Pacific DX Times unless there were more compelling reasons such as a future alliance of DX clubs in the region.

**SPARC RADIO COUNTRIES LIST UPDATE** Please note the following changes - Congo, Democratic Republic - new radio country from 19 May 1997 (ex Zaire) Hong Kong, British Colony - deleted as of 29 June 1997 Hong Kong - new radio country with special status from 30 June 1997 Macau - to be deleted country from 31 December 1999, when reverts to China Samoa, Western - word Western dropped from name 4 July 1997. No change in country status.

Yugoslavia - already deleted radio country and split into separate countries. To remain in this form with possibility of additions in future.

Zaire - deleted country as of 18 May 1997.

**SPARC** At the AGM it was agreed to support the recommendation of the NZ DX Radio Association that the South Pacific Association of Radio Clubs be wound up. At the same time, the meeting heard a statement from NZART President **ALLAN WALLACE** proposing the formation of FRENZ - Federation of Radio Enthusiasts of New Zealand.

**THANK YOU** to the following members who have made unsolicited donations to the League in recent months: **JACK FOX, PETER GRENFELL, BARRY WILLIAMS, JOHN MAINLAND** and **EVAN MURRAY**.

**SONY ICF2001** Bay of Plenty member **DOUG MILLIGAN** has been given one of these fine receivers but has no instructions on how to operate it. If you have the User Manual for the 2001, Doug would be most appreciative to receive a photocopy. His address is 6 Holmburn Street., Welcome Bay, Tauranga.

**JENS FROST** We are sorry to learn of the recent death of Jens Frost, Editor in Chief of the World Radio TV Handbook between 1964 and 1986, taking over from WRTH Founder **O. LUND JOHANSEN**. Jens, who would have been 80 in a few months, was assistant editor from 1961, and was WRTH Editor Emeritus from 1987 until his death. **ANKER PETERSEN**, who was a special guest at the DX League 50th Anniversary Convention last year, writes that he received Jens' contribution to the Danish SW Listeners Club magazine just a day before the sad news. The week before, Jens had confirmed his participation in the EDXC Conference on 6 November. League President **BARRY WILLIAMS** has sent a message of condolence to the Frost family on behalf of members. Jens travelled to New Zealand in November 1990 and made a special visit to long time WRTH contributor and distributor **ARTHUR CUSHEN**.

**CONTEST - FINAL REMINDER** In the May 1999 DX Times, we announced details of the special certificate being awarded to commemorate the 75th anniversary of the first two-way radio contact between New Zealand and South America. The award requires participants to tune into Argentine radio stations - these may be on mediumwave 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 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 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.

**AUSSIE POSTAGE INCREASE** Members reporting Australian stations please note - long-time Melbourne member **HARRY WEATHERLEY** mentions that airmail letters to NZ and most Pacific countries now cost AU\$1.00. This is an increase of 25% in the postage rate but the maximum weight for the basic rate has gone from 20 to 50 grams.

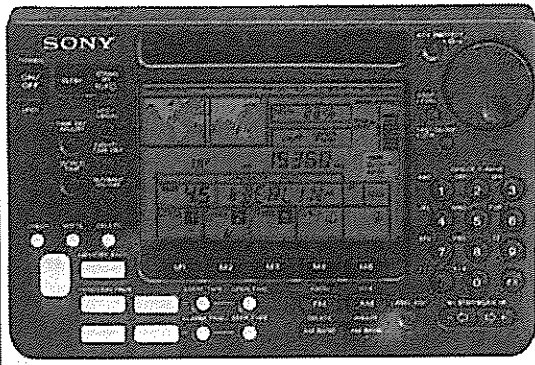
## shortwave in time order with Yuri Muzyka

Time Order summaries of Under & Over 9 MHz loggings. The contributor's name is abbreviated here (for further details please see the Under & Over 9 MHz columns). Please remember to include the date with all your loggings, thanks and 73's - Yuri Muzyka.

Time (UTC)	Frequencies (kHz)	Station Name	Station Country	Language	Date	DXer Name
0004 - 0027	15125	RRI INDONESIA		Indonesian	28/10	KVB
0022	15345	Radio Nacional	ARGENTINA	EE	24/10	BDC
0043 - 0057	15200	RFI	FRANCE	French	28/10	???
0115	21455USB	HCJB	ECUADOR	EE	3/10	CC
0120 - 0200	15485, 17895	R Pakistan	PAKISTAN	Urdu/Kora	28/10	KVB
0127 - 0130	13820	R Free Asia	?	EE	3/10	CC
0130 - 0345	11830, 15135	AIR	INDIA	Hindi/EE	1/11	PWO
0132	11745, 11690	Voz Christiana	CHILE	SS	3/10	CC
0135	6175, 15425	SLBC	SRI LANKA	EE	25/10	PWO
0159	9795	Wales R. Int.	GT BRITAIN	EE	-	BML
0200 - 0230	9795	Wales R. Int.	GT BRITAIN	EE	-	IC
0221	13670	RCI	CANADA	??	8/10	CC
0225	15530	R Veritas Asia	PHILIPPINES	EE	28/10	KVB
0229 - 0330	15425	SLBC	SRI LANKA	EE	28/10	KVB
0230	9840	R Budapest	HUNGARY	EE	29/9	NMK
0255	9495	R Sweden	SWEDEN	Swedish	-	PRP
0300	15515	R Australia	AUSTRALIA	EE	-	HJS
0325 - 0328	9475	R Cairo	EGYPT	EE	10/10	CC
0326 - 0400	17600	RDP	PORTUGAL	PP	10/10	KVB
0330	9830	V of Vietnam	VIETNAM	EE	22/10	PVP
0330	12005, 13675, 15400	R Dubai	UAE	EE	10/10	CC
0330	12060, 13670	R Sweden	SWEDEN	EE	-	HJS
0330 - 0545	15170, 21495	BSKSA	SAUDI ARABI	Koran	1/11	PWO
0333	7448, 9420, 11645	FTH	GREECE ?	EE	10/10	CC
0345	15530	FEBA	Seychelles	AA	31/10	PWO
0350	9680	R Taipei Int	TAIWAN	EE	22/10	PVP
0400	6135	BBC WS	UK	EE	-	JSB
0400	7250	V of Russia	CIS	EE	-	JSB
0400	11965	VOA	USA	??	-	GJ
0400	15565	Mystery station	UNID LOCATION	Russian?	3/10	NMK
0408	7580	WHRA ?	USA	EE	3/10	CC
0410	11895	R Free Europe	MOROCCO	Romanian	-	GJ
0413	15660, 17495, 17525, 17615	R Free Asia	UNKNOWN LOCATION	CC	10/10	KVB
0415 - 0700	15820USB	Radio Continental	ARGENTINA	SS	17/10	BDC
0420	15310	BBC WS	UK	EE	-	AMQ
0430	9505	RCI	CANADA	Arabic	-	AMQ
0430	9580, 11850	R YUGOSLAVIA	SERBIA	EE	-	???
0445	6890USB	WGTC	USA	EE ?	-	HJS
0445	9670	RAI	ITALY	??	3/10	NMK
0458 - 0700	15820LSB	Aspen FM	ARGENTINA	SS	17/10	BDC
0459	6890USB	WGTC	USA	EE	1/10	CC
0500	6975	RFPI	COSTA RICA	EE	27/ 9	NMK
0503	15205	VOA	USA	??	-	GJ
0506	9625	CBC	CANADA	EE?	29/10	BDC

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0528 - 0600	4960.1	R Villa-La Sencilla	DOMIN. REP	Spanish	2/10	BML
0530	6015	ORF	AUSTRIA	EE	3/10	KAB
0530	6110	NHK/R Japan	JAPAN	EE	4/10	KAB
0530	7230	NHK/R Japan	JAPAN	EE	4/10	KAB
0537	6130USB	CHNX	CANADA	EE	30/ 9	DN
0540 - 0600	7510	KTBN	USA	EE	4/10	KAB
0545	6145	RCI	CANADA	French	4/10	KAB
0550 - 0558	15445	UN Radio	UN		1/11	PWO
0600	7230, 5975	NHK/R Japan	JAPAN	EE	-	IC
0600	9371	WTJC	USA	EE	25/10	CC
0600	11725,11940	R Romania Int	ROMANIA	EE	23/10	PVP
0600 - 0700	7255	V of Nigeria	NIGERIA	EE	-	BML
0608	5945	R Free Montenegro	MONTENEGRO?	EE	18/10	CC
0621	15170	WYFR?	USA?	French	25/10	CC
0625 - 0656	21460	R Pakistan	PAKISTAN	EE/Urdu	3/11	BDC
0630	4990.9	R Apintie	SURINAME	EE	6/10	BML
0630	9820	R Habana	CUBA	EE	13/10	CC
0630	15049	RFPI	COSTA RICA	EE	3/10	NMK
0630	21505, 21705	BSKA	SAUDI ARABIA	Koran	1/11	PWO
0635	5985, 13740	RVI	BELGUIM	Flemish	23/10	PVP
0638 - 0800	6115	R Union	PERU	Spanish	25/10	KVB
0645 - 0700	7215	Uke Senderin	NORWAY	Norwegian	-	BML
0655	6015	ORF	AUSTRIA	EE	-	HJS

0703	4775	R Liberal	BRAZIL	Portuguese	-	IC
0703 - 0756	17720, 21480	R Romania Int	ROMANIA	EE	3/11	BDC
0705	6045, 9820	TWR	MONACO	EE	-	IC
0710	4919	R Quito	ECUADOR	Spanish	1/10	LM
0712	5085, 6890	WGTC	USA	EE?	-	HJS
0715	7265	SDR Rohrdorf	GERMANY	German	4/10	LM
0720	9370	WTJC	USA	EE	-	PRP
0730	17685, 21750	SRI	SWITZERLAND	EE	-	IC
0735	4920	R Quito	ECUADOR	Spanish	9/10	NMK
0743	9370.8	WTJC	USA	EE	-	HJS
0745	5055	Faro del Caribe	COSTA RICA	Spanish	1/10	LM
0745	5935	WWCR	USA	EE	-	IC
0750	4895	R Bare ?	BRAZIL	Portuguese	9/10	NMK
0750	4985	R Brazil Central	BRAZIL	Portuguese	9/10	NMK
0750	6010	R Inconfidencia	BRAZIL	Portuguese	-	IC
0755	2390	WWCR	USA	EE	9/10	NMK
0759	6160	R Rio Mar	BRAZIL	?	2/11	DN
0800	3210	WWCR	USA	EE	9/10	NMK
0800	13820	R Croatia	CROATIA	Russian	22/10	PVP
0800	21640, 21780, 25740	D/Welle	GERMANY	German	1/11	BDC
0810	6894USB	WGTC	USA	EE	-	PRP
0810	15200	KTWR	GUAM	EE	-	IC
0810	15350	VOIRIB	IRAN	AA	-	IC
0815	6070, 15375	Voz Christiana	CHILE	SS	-	IC
0815 - 0900	9370	WTJC	USA	EE	-	IC
0825	5055	R Difusoria Caceras	BRAZIL	Portuguese	-	IC
0830	6010	R Mil	MEXICO	Spanish	4/10	LM
0830	6153.8	RRI Biak ?	INDONESIA	Indonesian	4/10	LM
0830	6185	R Educacion	MEXICO	Spanish	4/10	LM
0839	15150	VOA	USA	??	-	GJ
0840	17895	VOA	USA	EE?	-	GJ
0841	21650	ORF/ROI	AUSTRIA	EE	-	PRP
0845	3220	HCJB	ECUADOR	Spanish	9/10	NMK
0846 - 0900	3325	R Bougainville	PNG	? (pidgin)	13/10	KVB
0900	3395	R East Highlnds	PNG	? (dialect)	9/10	NMK
0900	11755	HCJB	ECUADOR	EE	2/10	NMK
0900	15150	VOA	USA	EE	2/10	NMK
0900	21680	D/Welle	GERMANY	EE	-	PRP
0900	25820	RFI	FRANCE	French	2/11	BDC
0905 - 1000	2850	KCBS Pyongyang	NTH KOREA	Korean	13/10	KVB
0930	4950	R Baha'l	ECUADOR	Quecha	1/10	LM
0935	5370USB	R Continental	ARGENTINA	Spanish	-	IC
0940	3345	R Northern	PNG	? (pidgin)	12/10	NMK
0941 - 0956	25820	RFI	FRANCE	French	8/10	???
0950 - 1000	4940	V o. t. Straits	CHINA	Chinese	7/10	KVB
0956	6674.1	R Super Nueva Sensacion	PERU	?	2/11	DN



0957	11730	CRI	CHINA	EE	5/10	NMK
1000	4955	R Cultural	PERU	Spanish	1/10	LM
1000	9685	NJK/R Japan	JAPAN	SS	-	IC
1000 ~ 1015	5025	R Quillabamba	PERU	Spanish	4/10	LM
1006	5145	CRI	CHINA	Russian	7/10	KVB
1012	4855.6	R La Hora	PERU	?	2/11	DN
1014 - 1045	4796.3	R Maico	BOLIVIA	Spanish	5/10	DN
1020	5060	R Progresso	EQUADOR	Spanish	4/10	LM
1028	4746.5	R Huanta	PERU	EE ?	2/11	DN
1028	4790	R Atlantida	PERU	Spanish	1/10	LM
1030	2310, 2325	VL8A, VL8T	AUSTRALIA	EE	23/ 9	NMK
1030	15020	AIR	INDIA	EE	-	IC
1040	2850	KCBS Pyongyang	NTH KOREA	Korean	25/ 9	NMK
1040	4775	R Tarma	PERU	Spanish	1/10	LM
1050	3205	R West Sepik	PNG	? (dialect)	25/ 9	NMK
1100	2485	VL8K Katherine	AUSTRALIA	EE	29/ 9	NMK
1100	6975	RFPI	COSTA RICA	EE	2/10	NMK
1115	3245	R Gulf	PNG	? (dialect)	2/10	NMK
1130	3335	R Simbu ?	PNG	? (dialect)	12/10	NMK
1134	6150	R Singapore	SINGAPORE	EE	22/10	CC
1150	2960	RPDT Manggarai	INDONESIA	Indonesian	2/10	LM
1230	3385	R East	PNG	? (dialect)	30/ 9	NMK
1230	5005	R Nepal	NEPAL	Nepali	2/10	LM
1230	17650	Wales R. Int.	GT BRITAIN	EE	16/10	BML
1254 - 1300	3345	RRI Ternate	INDONESIA	Indonesian	-	IC
1300	4606	RRI Surui	INDONESIA	Indonesian	-	IC
1300	4696.6	RKIP Surabaya J.	INDONESIA	? (pop lagu)	2/10	LM
1315	5030	BBS Thimpu	BHUTAN	EE	2/10	LM
1317	7295	R Malaysia	MALAYSIA	EE	11/10	KAB
1328 - 1330	6150	R Singapore Intl	SINGAPORE	EE	11/10	KAB
1356	15420	R Sweden	SWEDEN	EE	24/10	CC
1402	3344.8	RRI Ternate	INDONESIA	Indonesian	21/10	KAB
1405 - 1408	9830	R Thailand	THAILAND	EE	24/10	CC
1410	3905	RRI Merauke	INDONESIA	Indonesian	21/10	KAB
1425	15140	R Sultanate of Oman	OMAN	EE	-	IC
1521	11690	R Jordan	JORDAN	??	9/10	CC
1528	9890	R Nederland	NETHERLANDS	EE	9/10	CC
1539	4800	AIR	INDIA	EE	9/10	CC
1630	7165	R Ethiopia	ETHIOPIA	EE	-	IC
1639	7165	R Ethiopia	ETHIOPIA	EE	19/10	CC
1640 - 1730	11615	RFI	FRANCE	EE	-	AMQ
1720	15210	RFI	FRANCE	EE	-	AMQ
1720 - 1730	5040	AIR	INDIA	EE	-	IC
1730	15190	R PILYPINAS	PHILLIPINES	Tagalog/EE	-	AMQ
1735	5910, 13670	RVI	BELGIUM	EE	8/10	CC
1738 - 1747	6065	R Sweden	SWEDEN	EE	28/ 9	CC

1745	3365	AIR	INDIA	Hindi	13/10	NMK
1757	4770	R Nigeria ?	NIGERIA ?	EE	8/10	CC
1800	6575, 9335, 13760	R Pyongyang	NTH KOREA	EE	20/10	KAB
1800	17830	V of Greece	GREECE	EE?	-	AMQ
1806 - 1815	3955	R Taipei Intl	TAIWAN	EE	13/10	NMK
1807	11750, 15160	R Algiers	ALGERIA	AA	8/10	CC
1810	6140	DW	GERMANY	EE	4/10	KAB
1810	7185	Bangla Betar	BANGLADESH	EE	3/10	KAB
1813	3955	R Taipei Intl	UK	EE	28/ 9	CC
1813	7300, 7330, 9480, 9720	V of Russia	CIS	EE	20/10	KAB
1814	15105, 17785	BBC WS	UK	FF	8/10	CC
1815	6898	Galei Zahal	ISRAEL	Hebrew/Arabic	-	BML
1815	17705	V of Greece	GREECE	EE	-	???
1820	6035	VOA	USA	EE	20/10	KAB
1820	6165, 6265	NBC	ZAMBIA	EE	20/10	KAB
1820 - 1830	5955	R Romania Intl	ROMANIA	Russian	3/10	KAB
1820 - 1900	5009.5	RTV Malagasy	MADAGASCAR	African	1/11	PWO
1825	11715, 15160	R Algiers	ALGERIA	French	28/9	CC
1827	5920, 6055, 7345	R Slovakia Intl	SLOVAKIA	EE	6/10	KAB
1829 - 1859	21630	RTE	GT BRITAIN/IRELAND?	EE?	1/11	BDC
1830	9885, 9895, 13700, 17605, 21590	R Nederland	NETHERLANDS	EE	8/10	NMK
1830	12160, 13725, 21630	RTE	GT BRITAIN/IRELAND?	EE	20/10	BML
1830 - 1833	7495	DW	GERMANY	Russian	3/10	KAB
1830 - 1845	4800	R Lesotho	LESOTHO	EE	7/10	KAB
1835 - 1856	7410, 9950	AIR Aligarh	INDIA	EE	10/10	KAB
1836	6165, 6265	NBC	ZAMBIA	EE	3/10	KAB
1840	6020	RN	NETHERLANDS	EE	3/10	KAB
1840	6055, 7345	R Slovakia Intl	SLOVAKIA	EE	3/10	KAB
1840	6140	DW	GERMANY	EE	3/10	KAB
1840	7170	VOA	USA	EE	3/10	KAB
1845	9655, 13730	ORF	AUSTRIA	EE	-	AMQ
1848	7465, 11470	USB SWRS	ITALY	EE	24/10	BML
1858	11092.5	USB R. St. Helena	ST HELENA	??	23/10	BML
1900	6010	Merlin NW	UK	EE ?	1/10	BML
1900	6010	Stafford Broadcasting	UK	EE ?	5/10	DN
1900	7195	R Thailand	THAILAND	EE	3/10	KAB
1900	9600	R Pyongyang	NORTH KOREA	EE	24/10	PVP
1900	9760	VOA	USA	??	-	GJ
1900 - 1905	21520	RAI	ITALY	??	1/11	PWO
1905	9885	Swiss Radio Int	SWITZERLAND	??	-	GJ
1905	11100	CNR	CHINA	??	-	HJS
1905	13750	AIR	INDIA	EE	-	PRP
1910	9895	R Nederland	NETHERLANDS	??	-	GJ
1915 - 1926	9510	R Tirana	ALBANIA	EE	23/10	PVP
1920	9335	R Pyongyang	North Korea	SS	-	HJS
1925	11720	R Bulgaria	BULGARIA	EE	2/10	NMK

1930	11570	R Pakistan	PAKISTAN	EE	-	HJS
1930	11720	R Bulgaria	BULGARIA	EE	-	PRP
1930	13800	WINB	USA	EE	-	IC
1935	9525	VOA	USA	EE	-	HJS
1940	11825	VOA	USA	Arabic	-	HJS
1940 - 1941	7260	VOA	USA	EE	27/10	KVB
1945	4815	R Dif TV Burkina	BURKINO FASO	French	2/10	LM
1945 - 2100	3287.7, 5009	R TV Malagasy	MALAGASY	? (vernac)	-	LM
1948	18910	WSHB	USA	EE	24/10	PVP
2000	4820	R Botswana	BOTSWANA	Sebele	23/10	LM
2000	4835	RTM Bamako	MALI	? (vernac)	2/10	LM
2000	7215, 9022	VOIRI	IRAN	EE	-	IC
2000	7410	VOA	BOTSWANA	EE	28/ 9	NMK
2000	9740	BBC WS	UK	EE	-	PRP
2000	11785	V of Indonesia	INDONESIA	EE	-	PRP
2000	13650, 13670	RCI	CANADA	EE	-	HJS
2000	13660USB, 13750	R Habana	CUBA	??	5/10	NMK
2000	17580	SRI	SWITZERLAND	EE	8/10	NMK
2015	6165	ZNBC	ZAMBIA	EE	1/10	LM
2015	13790	D/Welle	GERMANY	?	-	HJS
2029	7235	Merlin NW Wales Radio Intl	UK	EE	16/10	BML
2030	5035	R Diff Centrafica	CEN. AFRICAN REP	French	1/10	LM
2030	5047	TDT	TOGO	French	2/10	LM
2030 - 2100	6055	Radiodiff de la Rep.	RAWANDA	French	1/10	LM
2034	11815	V of Africa	LIBYA	EE	-	PRP
2045	17555	WYFR	USA	French	-	HJS
2047	17510	WHRI	USA	EE?	-	HJS
2050 - 2102	11785	R Iraq Int.	IRAQ	EE	-	PRP
2100	6060	RAI	ITALY	Italian	2/10	LM
2100	7410	AIR	INDIA	EE	30/ 9	NMK
2100	13250	R Habana	CUBA	EE	-	HJS
2100	15084	VOIRIB	IRAN	Farsi	24/10	PWO
2100	15205	REE	SPAIN	EE	17/10	NMK
2130	21525	Family Radio	USA	EE	1/11	PWO
2130	21550	Voz Christiana	?	??	1/11	PWO
2130	21600	R Marti	USA	EE	1/11	PWO
2130	21645	RFI	FRANCE	SS	1/11	PWO
2130	21740	RA	AUSTRALIA	EE	1/11	PWO
2130	21800	RDP	PORTUGAL	??	1/11	PWO
2135	11955	R Nacional	ANGOLA	??	24/10	PWO
2150	15550	AWR Voice of Hope	GUAM	EE	25/10	PVP
2150 - 2155	13760	R Pyongyang	NORTH KOREA	EE	1/10	NMK
2157	11730	R Liberty	USA	EE/other	30/9	NMK
2158	17660	HCJB	ECUADOR	EE	-	HJS
2159	17650	WHRA	USA	EE	-	HJS
2230	15656	RVI	BELGUIM	??	26/9	NMK

2300	9750	V of Malaysia	MALAYSIA	Indonesian	23/10	PWO
2304 - 2305	17485	R Prague	CZECH REPUBLIC	Spanish	10/10	KVB
2323	17510	WHRI	USA	EE?	-	AMQ
2350	17580	R Australia	AUSTRALIA	EE	7/11	AMQ

## TRAVELLING WITH JONATHAN by Bryan Clark

It was my privilege to act as guide and chauffeur to Jonathan Marks on his recent fleeting visit to New Zealand in early November. Jonathan was in Sydney for the Asia Pacific Broadcasting Union's 36th General Assembly and spent 3 nights in Auckland before returning to Hilversum via Singapore and Amsterdam.

"Media Network" is how most of us know Jonathan. He's been key to the weekly delivery of this award-winning Radio Netherland's programme (and its predecessor "DX Jukebox") since 1980. Indeed the millennium isn't really on 1 January 2000 — its actually in March 2000 when "Media Network" will celebrate its 1000th edition! Nowadays Jonathan is Director of Programmes at Radio Netherlands, with responsibility for over 300 staff. So, this most popular of shortwave programmes is produced each week as a 'labour of love' by Jonathan and his co-host Diana Janssen, who heads up the research and interactive (aka Internet) departments at Radio Netherlands. 'Media Network' is finally put together by Jonathan and Diana on Wednesday evenings, after their normal day's work.

Its amazing how media story opportunities presented themselves to Jonathan everywhere we went during his Auckland visit. There was:

- ⇒ the amazing transformation of Radio New Zealand House in Auckland into a supermarket of private and public service radio stations and network resources. Cheek by jowl, under the same roof are National Radio, Concert FM, Newstalk ZB, Hauraki 99FM, 91ZM, Classic Hits 97FM, the fully automated Channel Z and 9inety6ixdot1 operations, IRN's almost paperless news gathering centre, and Radio Sport (the entire network running out of a cramped studio measuring 3 metres by 3 metres, and a similarly sized adjacent booth for the programme producer);
- ⇒ observing the almost total reliance on computerisation in today's broadcasting enterprises, and the potential risk this presents to the medium with technical failure;
- ⇒ Jonathan entering Leighton Smith's Newstalk ZB broadcast studio during a commercial break, but only to photograph the expansive view of Auckland Harbour;
- ⇒ the mechanical revolving walls in Concert FM's 'Helen Young Recording Studio';
- ⇒ Jonathan handling his first piece of volcanic pumice rock — a souvenir from the RNZI shortwave transmitter site at Rangitaiki near Taupo;
- ⇒ The aborted visit to Television NZ's Interactive department due to a computer 'meltdown';
- ⇒ our unsuccessful efforts to locate the Auckland studios of BBC World Service 1476 and to get close to their transmitter/antennas (previously Radio Hauraki's first land-based transmitting site) located within the Auckland Sewage Treatment facilities at Mangere (an odd juxtaposition that!);

- ➔ strolling through the grounds of Musick Point, site of the aeronautical and maritime radio station named in memory of Edwin Musick who captained the first Panam Clipper flights linking NZ to the United States;
- ➔ the very successful expedition to track down the studio's of Auckland's most professional FM micro-broadcaster George FM (1/3 of a watt on 88.2 and 100.6 mHz) in Ponsonby with makeshift studio measuring 4 metres by 2 metres, the passion of the volunteer staff — certain to be a 'Media Network' feature sometime soon;
- ➔ the street evangelists from Family Radio who approached us around the Americas Cup village and were astonished that we knew about their WYFR shortwave operation from Okeechobee, Florida;
- ➔ observing the gaggle of media reporters following the prime minister's walkabout in the Americas Cup village;
- ➔ Jonathan - the modern media man, able to capture stories everywhere and anywhere with his Sony mini-disk recorder and digital camera;
- ➔ Adrian Sainsbury's confession that RNZI's bellbird interval signal runs fast;
- ➔ unsuccessful attempts to access the Auckland harbour wharves for a closeup view of a Chinese research vessel bristling with 3 giant satellite dishes, massive log periodic and other assorted antennae;
- ➔ the Samoa Television vehicle in front of us on the way to the airport.

On Friday 5 November, Jonathan met with Auckland shortwave enthusiasts and gave a stimulating presentation on the future of international broadcasting. The computer-generated presentation was complemented by a demonstration of the audible differences promised by digital shortwave broadcasting, and a variety of other technological wizardry.

All those who attended were impressed by what they heard from Jonathan, and as soon as we have time to start transcribing his 60+ minute address (any volunteers?), you'll see it in the DX Times. Broadcasting veterans Adrian Sainsbury and Barry Hartley were interviewed for possible airing on 'Media Network'. Gadget-man Jonathan also captured some of his Auckland trip on digital camera so you may also see/read something of it at <http://www.rnw.nl> in due course.

Thanks to Barry Hartley for arranging the visit to Radio NZ House, to Adrian Sainsbury, Technical Manager of Radio NZ International who made a special trip from Wellington to take part in the weekend proceedings, and to Sandra and the Auckland DX League members who helped with hospitality and organisation. And finally to Jonathan, for fitting New Zealand into his busy schedule.

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## TransWorld Anniversary

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### ANOTHER HISTORIC PIONEER RADIO CONTACT ANNIVERSARY

18th October 1999 was the 75th Anniversary of the first ever trans-world two-way radio communication. This was made on the 18th October 1924 by Frank Bell of Shag Valley Station, Waihemo, Palmerston, (north of Dunedin). Mr Bell held the callsign Z4AA and on that date made morse code contact with Cecil Goyder G2SZ who was at the Mill Hill School in London.

Here is how American Amateur Radio magazine QST reported the event in its Janu-

ary 1925 issue, under the headline "The G-Z Work"

"We were able to report briefly in our last issue that New Zealand and England amateurs were working, to the shattering of all previous records. It is indeed so. Starting with G2SZ and Z4AA on Oct. 18th, there has been easy and reliable communication almost every night. British stations 2SZ, 2KF, 2NM, 2OD, 2WJ, 6TM, 2JF, 5LF and 5NN, in the order named, got into communication with Zedders 4AA, 4AG, and 4AK, and the ether has been resounding with the 12,000-mile wallop! This is the really marvelous work of the year. Except G2NM, none of these stations used over 250 watts. We hand it to 'em; great stuff!

A peculiar thing is that the three NZ stations getting QSO are situated in a radius of 50 miles on the south island of New Zealand and Z2AC to the north, altho heard in England, has not yet been able to work. Nor has Australia, although A2DS reports G2OD and G5LF. All of the work so far done has occurred between 0615 and 0730 GMT, when it is dawn in England and dusk in New Zealand. With the rising of the sun in England, the signals fade out at both ends. Peculiar antipodal effects enter into the communication; both the G's and the Z's say it is decidedly easier to work each other than it is to work U.S.I'. British and French amateurs comment on the great intensity of NZ signals, often mistaking them for nearby stations. They have worked easily when US stations reported the British signals quite weak; but that is understandable, as investigation has showed that signals are often stronger at the Antipodes than they are at intermediate points. The longwave high-power European stations have their antipodes near southern New Zealand and their signals are much stronger in the vicinity of the NZ-fours than they are further north. But it is also interesting to note that these longwave stations are received at maximum strength about 6am NZ time, while amateurs have been utterly unable to communicate between Britain and NZ at this time. Recently, however, Z4AA and several Australians have been heard in England at 7pm British time, and it is hoped that communication may yet be effected when the times of dawn and dusk are reversed in the two countries.

Now here is a dizzy feature of this business. The shortest distance between England and New Zealand is East from London, a little less than half-way around the world. All communication has occurred during the hour of sun-up in England and dusk in NZ, when it is daylight over the area east from England. Since signals fade out regularly with the rising of the sun, it is obvious that they are not going through the daylight area. They therefore go the other way, across the Atlantic, Canada, the United States, and the Pacific, over a distance greater than half the circumference of the globe! This is even more emphasized in the work of French amateurs with NZ. This balls up all our calculations. We really don't know now just how far it will be possible for amateurs to work on this footstool!

Credit G2OD with being the first Englishman heard in NZ, and the first to hear NZ for sure. This occurred just a day before the two countries clicked. Apparently all that was necessary was to determine the time of day that signals could be heard in both places. Most of this work has been done with low-loss tuners, detector and one stage audio, no fancy trappings necessary, although G2OD uses a superhet. There must be a terrific kick for an Englishman in this business of working the Empire's far-flung Dominions. Mr C.W. Goyder of G2SZ tells us dispassionately enough, however, how it first happened: "I called U1KC at 5:30 or so and as QRN was bad and I got no reply I stood by and at about 6 GMT I heard G2OD working U1XAV. Apparently U1XAV had heard me and wanted to get QSO, so G2OD was helping us to connect; but I could not hear U1XAV and he seemed to lose us. While G2OD was trying to get him again and I was searching for him I heard a station, pure DC,

very steady, good strength, and on about 95 meters, calling me and signing Z4AA. Owing to his steadiness and strength I doubted the genuine-ness of his signals, but this is the log: 2SZ gz 4AA K. 4AA zg 2SZ-R GRK If u r really z4AA cable K. 2SZ gz 4AA-Wl cable OM hr nr 1 to Radio Society GB-Greetings fm NZ -sig Bell-K. 4AA zg 2SZ-Nr 1 R OK Wl cable but QRA? Greetings fm us OM-QRX 6:30 tmw GMT fr G amateurs Congrats OM-K. 2SZ gz 4AA-Wl cable OM Hr nr 1 to hemo NZ-Still dalite IU fainter now Input 150 watts Hr nr 2 to gZOD-Ur sigs QSA last night-sig z4AA K. 4AA zg 2SZ-Nr 1 R OK Wl cable but hr hw K. 2SZ gz 4AA-R vy psed to greet u friend .... (qss)....1.3 amps Dusk hr nw Congrats OM....(too faint to read but audible for few minutes more). "This was about 7:30, so I worked him for an hour and a quarter. At 11 a. m. a cable confirming above was received and read 'Congratulations on first trans-world message.-Bell'."

Postscript: The Otago Branch of NZART comments in their Internet anniversary tribute: "Within hours Frank Bell was inundated with congratulatory telegrams, call cards and letters. For Frank Bell in the clear air of the Shag Valley, Otago, had achieved what no-one had done before: around the world wireless communication. The United States had not communicated with their antipodes, neither had Australia nor Canada. The wireless companies, already in possession of air time and armed with laws preventing interference by amateurs, had not been able to open up communications. This particular achievement was left to the Hams to make so that now we may think nothing of having at our command instant morse, telephone and wireless communication between peoples at opposite points of the globe.

branch.news@radiodx.com

### North Otago

Hi everyone, our November meeting was held at Keith Creighton's place with 7 members present. After our minutes etc were done with we had a further discussion about band watch. Basil Jamison held an interval signal contest which stumped 1 or 2 of us somewhat including me. Members activities for the past month were also discussed with some interesting outcomes.

Our December meeting will be a potluck supper, so should be loads of fun (warning: don't eat anything cooked by PWO - that's not potluck, it's death-wish! - ED). Have an enjoyable and safe xmas and new year from the North Otago Branch.

### Auckland

No branch meeting for Auckland in October as the AGM took over the time-slot.

year when some \$2500 was received in the last month

2This account has since been closed and replaced by an "Achiever Savings Account" which yields a higher rate of interest.

3This is the second instalment in a series of sponsorship contributions by Sony NZ Ltd.

4Includes a one off donation of \$1,000 from the Stationery Account

5A big saving has been made by our new Chief Editor in printing the magazine. If there is enough copy available the magazine will be increased in volume.

6This PO Box has been cancelled by the League.

Phil van de Paverd, National Treasurer, 13-Sep-99

## NEW ZEALAND RADIO DX LEAGUE

### RECEIPTS & PAYMENTS FOR 12 MONTHS ENDING 31 AUGUST 1999

Full Year 1997/98  
1998/99

Full Year

#### INCOME

9,117.53		Member Subscriptions (Note 1)	7,673.04
494.00		DX Times Advertising	187.25
		Bank Interest	
	47.20	BNZ Working Account (00)	72.08
	0.13	BNZ Autocall Account (25) (Note 2)	0.08
205.97	158.64	BNZ Term Investment (3001)	202.85
		BNZ Achiever Saving (97)	32.65
		Sundry Income	
	0.00	Annual Meeting Fees/Auction	811.90
	500.00	Sponsorship (Note 3)	500.00
640.00	140.00	Donations (Note 4)	1,084.92
10,457.50		TOTAL INCOME TO 31 AUGUST 1999	10,564.77

#### EXPENDITURE

		DX Times Magazine Expenses	
	8,866.00	DX Times Printing & Postage (Note 5)	5,974.69
	11.20	Chief Editors Postage & Stationery	0.00
	264.00	Handbooks for Magazine Section Editors	0.00
	105.00	NZ Post Fees for Box 2956, W*ton (Note 6)	0.00
	49.15	Postage Cost for Monitoring Times	0.00
	87.40	Sub-Editor Expenses - J.Mainland	0.00
9,428.25	45.50	Magazine Mailing Labels	0.00
		Administration Committee Expenses	
	227.60	Postage, Stationery & Photocopying, phone	361.88
	52.50	NZ Post Half-fee for Box 3011, Auckland	57.50
	52.95	AGM Expenses	767.41
	35.50	Bank Clearances & Fees	0.00
		2 years fee for radio.com internet address	128.90
		Joint 50th Anniv. GSL card RNZI/NZRDXL	75.00
368.55		Sundries	54.95
		Arthur Cushen Invercargill Expenses	
13.20	13.20	Public Relations Expenses	
9,810.00		TOTAL EXPENDITURE TO 31 AUGUST 1999	7,420.33
647.50		EXCESS OF INCOME OVER EXPENDITURE	3,144.44

I have examined the Receipts and Payments of the NZ Radio DX League and certify that they give a true and correct view of transactions. Tom Pearson Auditor

### STATEMENT OF ACCOUNT BALANCES as at 31 AUGUST 1999

3,116.06	0	BNZ CURRENT (CHEQUE) ACCOUNT	127.01
27.10	25	BNZ AUTOCALL ACC - ACHIEVER SAVINGS (97)	3,032.65
4,085.48	81	BNZ TERM INVESTMENT (3001)	7,000.00
7,228.64			10,159.66

#### EXPLANATORY NOTES:

1 A subscription reminder was enclosed in the August 1999 magazine. As the magazine arrived late hardly any subscriptions were received prior to the end of the financial year, contrary to last

## 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:  
**NZRDXL AdCom, PO Box 3011, Auckland**  
Patron - Jack Fox

president@radiodx.com - Barry Williams  
National Secretary - Evan Murray (Tel. 09 483 9543)

vice.president@radiodx.com - Bryan Clark  
treasurer@radiodx.com - Phil van de Paverd

### Annual Membership:

Within New Zealand - NZ\$35.00.

Australia/Pacific Islands - A\$35.00

Asia/North America - US\$30.00

Rest of World - US\$33.00

All overseas members get airmail delivery of the NZ DX Times magazine.

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

### Club Magazine:

The NZ DX Times, PO Box 3011, Auckland.

Published monthly. Registered publication.  
ISSN 0110-3636.

editor@radiodx.com - Andy Gardner

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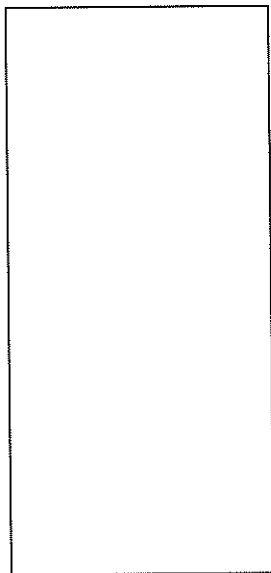
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