



New Zealand DX Times

Monthly journal of the
New Zealand Radio DX League (est. 1948)
September 1999 - Volume 51 Number 11
<http://radiodx.com>



talkback@radiodx.com with David Ricquish, Wellington

Dick Pollard, Nelson checks in to tell us he's been a member since the Helsinki Olympic Games in 1952. In his location at Brightwater, he's only able to have a 6 meter whip antenna on top of a 30 ft mast and DX isn't the best. Recently browsing through an antiques store, he found a First Day Cover commemorating 50 years of HCJB. Needless to say, Dick bought it pronto! I think many of us enjoy the stamps we get on snail mail QSLs also Dick, and I'm sure members have got some great covers they could tell us about!

From Wellington, Chris Mackerell writes 'I've also found e-mail QSLs useful - in my case not so much for MW stations, but for SW pirates. Personally, I still prefer to receive something in the snail-mail that I can pin on the wall. I do have some concerns about how e-mail QSLs can be authenticated for use in club competitions. How is a club like ours going to view e-mail QSLs when it comes to competitions or Ladders? In a perfect world, I'd like to send every report out by e-mail, but get huge bundles of goodies in snail-mail in reply!'

Talking about SW pirates, I wonder why we don't see them reported in our magazine? There must be some interesting catches out there, as well as some fascinating QSLs.

Utilities DXers have had the chance to catch a lot of extra aircraft movements these past few days. AirForceOne in Auckland, along with presidential aircraft from China, Russia and many other countries during the APEC Conference. The logs will make fascinating reading, so let's hear what's been heard! Also in the air have been the RAAF evacuation flights from Dili, East Timor to Darwin.

Dili, East Timor is the home of a low power RRI outlet on 648 AM, as well as a SW outlet which used to be reported on 3305 with 10kW through to 1545 UTC. May be worth checking out the Indonesian radio scene for some unusual radio activity in the coming weeks.

Back to Nelson, again and news from Brian Palamountain. Now retired, Brian plans to spend more time at the radio dial. He recently purchased a Yaesu FRG7 from an elderly radio ham. It certainly pulls in the stations he says! His present antenna is 15 meters long running east-west up in the roof. Brian's dad has a 6 valve Columbus MW/SW radio about 45 years old which also uses the aerial with good results.

Also down in the South Island, the word is that North Otago Branch are suggesting that SW loggings be listed in time order, rather than by frequency. Check out the excellent English Broadcast Summary which appeared last month as an example of what the future could look like. Italian DXer Giovanni Serra has a very popular website 'The Four Winds' listing SW reception in time order. You can check it out at http://www.utenti.tripod.it/gio_ser

Contribution deadline for Oct Issue is Wednesday Sept 29th - PO Box 3011, Auckland

Whilst on the subject of changes, **Jack Searle, Haumoana** tells us he enjoys the good, clear easy to read type of the revamped magazine. He also suggests that reproductions of QSLs could appear more often to liven up the sections which now follow closely on one another. With electronic publishing, QSLs and other illustrations have to be scanned before they can be included. Members can send GIF files with their e-mail contributions, or, originals of QSLs to PO Box 3011, Auckland for possible inclusion.

Jack also asks 'what has happened to SPARC? I have not heard it mentioned in a long time.' SPARC began around 15 years ago as a grouping of DX clubs in Australia and New Zealand. I understand that only the NZRDXL and our friends at the NZ DX Radio Association remain members today, as other clubs have disappeared from the scene. The future of SPARC is, I believe, on the League's AGM agenda next month and member views are invited.

For some nice illustrations, check out these websites: <http://www.rfo.fr/polynesie/homepoly.htm> (RFO guide to broadcasting in Tahiti and French Polynesia) <http://www.rfo.fr/ncaledonie/nc.htm> (the same for New Caledonia) and <http://www.rfo.fr/wallis/wallis.htm> (the complete RFO guide for Wallis and Futuna). All three sites have excellent information about local broadcasting on AM FM SW and TV, broadcasting history, good photos of studios, broadcasting sites etc.

Phil van de Paverd, Auckland suggests some more good sites for SW information as <http://www.dwelle.de> (DeutscheWelle) <http://www.rnzi.com> for Radio NZ International <http://www.voa.gov> (Voice of America) <http://www.rvi.be> (Radio Vlaanderen, Belgium) and makes a correction to Radio Sofia from last month as <http://www.nationalradio.bg>.

Remember, **Alan Roycroft, Kahoa Street, Hilo HI 96720-2205** would love to hear from members as he recovers from his stroke. Wasn't that a great tale about his beginnings in radio which we've read about in recent issues! On the subject of Hawaii, **Hawaii Radio TV Guide** from Melvin Ah Ching Productions is a great resource for DXers. Complete broadcasting guide, plus links including a fascinating one by ex KPOI jock Ron Jacobs. Ron is credited as being one of the most creative programers in US radio during the 1960s and 70s. He created 'American Top 40' which made Kasey Casem a household name around the world. You'll find all this at <http://www.bfsl.com~macpro/HIRadioTVhomepage>.

I think **Andy Gardner** did a great job to be in Wellington, Buenos Aires, Santiago and London, AND get the magazine out only a few days behind schedule last month! Whilst it's nice to always meet deadlines, there's a real world which intrudes on voluntary activities from time to time, so we all welcome your tolerance at such times!

Remember, the **Adventist World Radio 1999 DX Contest** (check the July issue) and the **Argentina-New Zealand Radio Anniversary Commemoration** (May issue or our website at <http://radiodx.com> for details) and sweep those SW bands for Indonesian local and regional stations during these weeks. Check out increased broadcasting activity from other countries to Indonesia as well. This month, we've been having lunch outside on the patio here in sub-tropical Wellington listening to the hits of the 70s, 80s and 90s on **Cherlie FM Parls**. English, French and Italian soft rock music, fun contests and great to recommend for those learning French! You'll find them at <http://www.cheriefm.com> and on this world music note, ciao for now until we're back next month with more news, views and idle chit-chat!

Promote the DX League on the Internet - use your free @radiodx.com e-mail address!

editorial@radiodx.com with Andy Gardner, London

This issue is brought to you from the (amazingly) sunny southern England, which has, I'm happy to say, more reliable Internet connectivity than Santiago de Chile, but at peak times I'm paying local call charges of 10 cents per minute for access privileges! Correction. I started laying this issue out in England, but I am now in The Hague in Holland, where a friend has graciously allowed me to use his office to complete this month's magazine and e-mail it to the printer in Wellington. Another International issue hits the press. See you next month.

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

Welcome to this month's column which again demonstrates that shortwave is an ever-changing, ever-intriguing broadcast medium!

Brazil: Former Radio Universo on 9565 and 6060 now identifies as 'Radio Tupi'; heard August 11 at 0628 with new ID, long Portuguese newscast, 0655 music; next day from 0100 with new ID and religious sermon, still announcing call signs ZYE727 and 726, but new ID is "Radio Tupi de ...", followed by a long name which was unreadable. (Behr via Hauser, Cumbre DX 258)

Burma: Alan Davies reporting to Cumbre DX 258 provides the following schedule for Radio Myanmar's main service in Burmese and English: 0030-0245 7185; 0245-0300 (Sat/Sun) 7185, 9731; 0300-0330 (sat/Sun) 9731; 0330-0830 9731; 0830-1600 5986. Minorities service 0930-1330 4725.

Cuba: Radio Habana Cuba in English: to Europe 2030-2130 13660 usb, 13715; to Europe/North America 0100-0500 6000, 9820, 13705 usb; 0500-0700 9820, 9550, 9830 usb; to Caribbean 2230-2330 9550. (Arnie Coro, RHC in BCDX 427)- Radio Rebelde now using 5025 plus 6140 1100-1300 (50kw) and 9600 1000-1300 (100kw). Address for reports: Radio Rebelde Ondas Cortas, PO Box 6277, Habana 10600, Cuba. (Coro, BCDX 427)

Ecuador: HCJB has made another change for English to the South Pacific 0700-1100, moving to 11755, ex 15115. Station plans to continue using this outlet into the new B99 transmission season (from 5 October).

Germany: Deutsche Welle is facing major budget cuts if given final approval by the German government next month. The main impacts: cutting six foreign language services (Czech, Hungarian, Japanese, Slovak, Slovene, and Spanish); reduced air time for ten language services (including Indonesian); cutting the monthly DW radio/television program guide; scrapping DW's monitoring service; and, closing DW's English language news department. Up to 460 full-time and part-time jobs would be lost (from DW's total staff of 1700). Services on shortwave will be focused on less developed areas not covered by internet or other mediums.- since 1 September, DLF Deutschlandfunk Cologne program has been on 6190, in addition to LW 153 and 207, and various MW and FM frequencies, as well as via satellite. Via the 'Berlin' site with a power of 17 kw (most likely this is the old 20 kw unit of RIAS Berlin). (BCDX 427)

Latvia: Just for the record: Radio Caroline made an appearance on 5935 from 0900-2100 on 14 August to commemorate the 25th anniversary of their offshore operations. It was on air via the transmitters formerly used by Latvian Radio at Ulbroka, and widely heard in

Europe according to reports in BCDX 424. Latvian Radio's final broadcast on shortwave apparently was on 31 July in English 1900-1930. It seems as this may become another transmitter for hire, with 'Magic Star Radio' (from Germany) heard testing on 2 September throughout the day, according to BCDX 427.

Madagascar: Tamil Oli Radio' is buying airtime via the Radio Netherlands site at Talata/Volondry on 17495 1128-1228 for South Asia. I've heard it here in Canberra with reasonable signals. Tamil Oli is a direct-to-home satellite service based in London. It's interesting that the details for this service, and others described below, appear in the official RN schedule. According to an item in Cumbre DX 257, from Dave Kenny of the British DX Club, the station is operated by Tamil Radio and Television (TRT) at 727 London Road, Thornton Heath, CR7 6AU. Email: info@trt.net.- Also coming on air via RN is 'IBC Tamil' on 17490 1458-1525, and the Democratic Voice of Burma, 17555 1429-1455 (and also on 11850 via Norway). In BCDX 425, Kai Ludwig notes all of these transmissions are via the new 50 kw transmitter also used by AWR on 3215. RN's older 300kw transmitters are in use 1130-1325 on 17580 and 21480, and 1430-1625 on 9890 and 15590.

Papua New Guinea: According to a press report in Port Moresby on 7 September, Radio Simbu at Kundiawa (which uses 3355) was reactivated a week earlier after almost a year of closure. The station went off air on 9 September last year when funding from the provincial government ran out. (Under provincial government reforms in PNG, all provincial NBC stations were handed over to local governments to operate and maintain.) 'A senior staff member of Radio Simbu said he was grateful to the provincial government for providing some money for them to resume operations, hopefully until the end of the year', the report said. (The National', Port Moresby via Francis)

Philippines: The VOA transmitter site at Poro will close at the end of September, taking seven transmitters out of service. The Tinang site will continue, and the new sites at Tinian in the Northern Marianas Islands, and Sri Lanka, along with Udorn in Thailand, will pick up some of the schedule. Poro was home to transmitters of between 35kw and 100kw. Your last chance to hear this site with in English could include: 6110 1500-1800, 9525 1900-2000, 11715 1200-1315, 11720 1000-1200, 15305 2200-0000, 17820 2200-0300, 15185 2100-0100, 15425 1000-1500. Radio Pilipinas also uses Poro 0330-0400 13770, 15330 0330-0400 and 17730 0330-0400.

Russia: Nikolai Rudnev provided this overview of Russian regional stations active as of 20 August in BCDX 425: 4040 2100-1700 Tura; 4795 2100-1700 Uland-Ude; 4820 2300-1900 Khanty-Mansiysk; 4825 1900-1500 Yakutsk; 4895 2300-1900 Tyumen; 5290 2100-1700 Krasnoyarsk; 5290 2300-1500 Perm; 5930 0100-2100 Monchegorsk; 5940 1700-1300 Arman; 6060 1900-1500 Blagoveschensk; 6095 2300-1500 Khanty-Mansiysk; 6125 0100-1500 Yoshkar-Ola; 6160 0100-2100 Arkhangelsk; 7140 1900-1500 Yakutsk; 7200 0100-1600 Yoshkar-Ola; 7200 1900-1500 Yakutsk; 7210 1900-1500 Khabarovsk; 7320 1700-1300 Arman; 7345 1900-1500 Yakutsk; 9530 1700-1300 Arman; 9600 1700-1300 Arman; 11650 1505-2100 Perm; 11840 1700-1300 Yuzhno-Sakhalinsk; 15165 1605-2100 Yoshkar-Ola; 15235 1505-1900 Khanty-Mansiysk; 15395 1505-2100 Yoshkar-Ola. All transmissions one hour later in winter (November-March). Stations relay Radio Rossii when they don't carry their own programs.- Radio Rossii schedule 5 Sep - 29 Oct: GPR-1 Moscow 0100-0400 7370, 0430-1100 12070, 1130-1600 13705, 1630-2100 9845; GPR-2 St Petersburg 0100-0600 7405, 0630-1600 12045, 1630-2100 7345; TCR-4 Krasnodar 0100-0800 12025, 0830-1500 12015, 1530-2100 5965. (Nikolai Rudnev, BCDX 425)

St. Helena: A reminder about possibly the last Radio St. Helena broadcast on 23 October 1900-0000 on 11092.5. More information at web site www.sthelenase.com.

Taiwan: Quite a bit of interesting activity over the past month. Radiodifusao Portuguesa (RDP) has introduced new services via CBS transmitters for East Timor: 11550 1000-1100 in Portuguese, and 2200-2300 in Portuguese and Tetum (indigenous language of Timor). Heard well in Canberra most evenings. Also on 17740 1000-1300 and 17600 2100-2300, both direct from Lisbon.-Also coming from Taiwan is the Herald Broadcasting Syndicate for English 0900-1000 11725, 1000-1100 11840, and 1300-1400 11725. They formerly used the KHBI site on Saipan which was sold to Radio Free Asia.

United Kingdom: Radio Taipei International relays via Skelton: 1800-1900 English 3955, 1900-2000 German 6175, 2300-0000 Mandarin 3975.

USA: Yet another private SW broadcaster plans to join an already overcrowded market: WTJC, Newport, North Carolina, planned tests around 21 August on 9725 0400-1600 at a reduced power of 18kw. Station plans to broadcast in English, Spanish, French, Russian and Chinese. And as Kim Elliott said on VOA 'Communications World' on 21 August: "Shortwave from North Carolina to Russia and China is ambitious." But the station may end up using a frequency in 6 or 9 mHz due to the potential for interference with AWR in Costa Rica which also uses 9725.- And while many broadcasters are suffering cutbacks (RA and DW to name but a few), the over-abundance of official international broadcasters from the USA was the subject of an interesting article in a recent 'Columbia Journalism Review'. The author was very critical of the plethora of the Radio Free Europe/Asia/Iraq/Iran/etc. services, in addition to VOA. It mostly dealt with the politics of the decision-making to set up 'Radio Free this-and-that'. If you'd like a copy, email me, or visit the 'CJR' website at www.cjr.org.

Sources: BCDX - Worldwide DX Club 'Top News'; 'Communications World' on VOA; 'DX Partyline' on HCJB' Cumbre DX newsletter. Your news and contributions are always welcome: email shortwave.report@radiodx.com.

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

A very small Mailbag this Month possibly because of the lateness of the August Times. This Month I had a Verie that may have won a Best of Month but it was not sent into the Mailbag but I saw it appear on the Ripple SW mailing list. I felt that it was not an entry as such because there were no other stations listed. So it would pay you to send to the Shortwave Mailbag P.O. Box 3011 Auckland. Laurie Boyer, 50 Miller Street Invercargill or e-mail to <shortwave.mailbag@radiodx.com>. I would also appreciate it if you would mark your entries for the Best of Month competition and include the power. Thank you, that would save me a lot of time. On to the Mailbag...

Paul Ormandy Oamaru has back Radio Gardarika St Petersburg 7330 and Radio Amazonia Via SWRS Italy 21860. Good one Paul.

John Mainland Wellington has Mongolia 11790, Christian Voice Chile 11690 and Democratic Voice of Burma via Julich 15330 Thanks John.

Jack Searle Haumoana is getting into them with veries from Radio Prague 11600, 15545, Radio Bulgaria 11700, Radio Romania 18040 (unlisted) A.W.R. via Julich 9490, 15560, A.W.R. via Slovakia 13855, Radio Sweden 12060, WHRA 7435.

Arthur de Maine Wellington is really moving with 6 QSL's back Radio Romania 11810,

SRI 9885, Radio Christian Zambia 4965, TWR Swaziland 3200 [new Country] and two e-mail veries from Gardarika Russia 7330 and 12040.

Ray Crawford Queensland has a lone verie back from VOA Sao Tome 6080.

Ian Cattermole Blenheim is holidaying and playing Golf in Fiji this Month. Ian gets a heap back from Radio Deutsche Welle Trincomalee 9715,17860,15250 and 17845, Radio Deutsche Welle Irkutsk 15470, Radio Deutsche Welle Sines 11970. Radio Espana 15285,17665, Radio Vlaanderen 13740,Radio Mayak 4930,China Radio 4950 [True Light Station] Radio Australia 6180,11650, WHRA 17665 VOA Tinnian 13610, Radio Canada International Sackville 11830 and Radio Canada Skelton 15330, Radio Romania 11740, RAI 7115, 11715, REE Costa Rica 5970, Radio Deutsche Welle Bonaire 15105 and Julich 11755, YLE 15250, 17670, VOBM Eritrea 7100, BBC AScension 11765 VOR Yeravan 15375, Radio Integracion 5046, Radio Guaiba 6000, Radio Tezulutan 4835. Now I need a holiday.

Laurie Boyer Invercargill has Romania 11725, Israel 17535, Slovakia 17750 and KWHR 17780.

Best of Month - Under 9Mhz: TWR Swaziland 3200 - Arthur de Maine. **Over 9Mhz:** Radio Amazonia Italy via SWRS 21860 300 Watts - Paul Ormandy.



bandwatch.under9@radiodx.com with Ken Baird

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

KHz UTC Country, Station, Programme, & Reception Details

2410 PNG not heard at this location for some time — DN
 3280 1015 ECUADOR, La Voz Del Napo fair in Spanish with brief ID, and local messages — LM 3/8
 3366 1845 GHANA, GBC poor in EE with ID and news at 1900 — IC
 3375 1000 BRAZIL, R Educadora with the Osmonds and firm ID at 1002 — DN 9/8
 3955 1835 UK, R Taipei Intl good in EE to close at 1900 — IC
 4552 1033 BOLIVIA, Radiodifusoras Tropico good in Spanish? — IC
 4695.8 1215 INDONESIA, R KIP Surabaya fair in Indonesian with pop songs and ID at 1230 — LM 2/8
 4725 1200 MYANMAR, R Myanmar fair in Burmese(presumed) — IC
 4748.3 1145 PERU, R Huanta 2000 fair in Spanish with ID, T/C and Huayno music — LM 3/8
 4770 0430 NIGERIA, R Kaduna fair in EE with local news — JSB
 1958 NIGERIA, R Nigeria Kaduna good in EE with ID, T/C and news — LM 2/8
 4775 1030 PERU, R Tarma, fair in Spanish with ID, T/C, commercials and music — LM 3/8
 4777 0900 INDONESIA, R Kebayoran in Indonesian with interview with YL then songs by same — TTS
 4800 1130 GUATEMALA, R Buenas Nuevas fair in Spanish with ID and relig prgm, XERTA Mexico not present — LM 2/8

1530 INDIA, AIR Hyderabad fair with report on capture of Tiger Hill in Kasmir — TTS
 4819 1035 HONDURAS, La Voz Evangelica v good in Spanish relig prgm — IC
 4824.4 1042 PERU, La Voice de la Selva fair in Spanish with ID, T/Cs, commercials and salsa music — LM 3/8
 4835 1058 GUATEMALA, R Tezulutan fair in Spanish with ID at 1100 and Xylophone music — LM 2/8
 4850 1810 UZBECKISTAN, R Tashkent(?) with comment in unid language and Central Asian type music, fair — KAB 17/8
 4855.3 1030 PERU, R La Hora fair in Spanish with jingles, ID, T/C, commercials and music — LM 2/8
 4875 1015 BOLIVIA, R La Cruz del SUR far in Spanish w/ ID and pan pipe music — LM 2/8
 4885 0945 BRAZIL, R Dif Acreana excellent in Portuguese with lots of commercials and good ID at 0955 — IC
 4915 0700 GHANA, Ghana BC Accra good in EE and vernac — JSB
 0458 PERU, R Cora good in Spanish with music and ID, a little distorted — CC 31/7
 4919 0433 ECUADOR, R Quito fair in Spanish with ID and Latin American music - CC 17/8
 4920 0507 ECUADOR, R Quito fair in Spanish, rather noisy with ID — CC 31/7
 4925.6 1045 BOLIVIA, R San Miguel fair in Spanish with t/c, IDs, and comment in Spanish — LM 2/8
 4955 1100 BOLIVIA, R Illimani fair in Spanish with ID "La Voz de Bolivia" with relig prgm — LM 3/8
 0456 COLOMBIA?? R Nacional?? Good in Spanish with comment, martial music then off at 0458 — CC 17/8
 4976 2030 UGANDA, R Uganda, Kampala good in EE w/ mx prgm, off at 2100 — LM 2/8
 5003.4 2040 EQUATORIAL GUINEA, R Nacional fair in Spanish with political comment and ID at 2045 — LM 2/8
 5015 0808 BRAZIL, R Brasil Tropical weak and noisy, used LSB, ID — DN 25/8
 5018.4 1115 PERU, R Horizonte good in Spanish with ID and T/C, chica music — LM 3/8
 5070 0657 USA, WWCR with comment on satellite TV in EE, fair with ID 0658 then change to relig prgm — KAB 22/8
 5077 0647 COLOMBIA, Caracol Colombia fair in Spanish, ID 0649 — KAB 22/8
 0909 COLOMBIA, Caracol Colombia good in Spanish with comment and several IDs — CC 7/8
 5524.3 1120 PERU, R Sudamerica fair in Spanish w/ IDs & organ music — LM 2/8
 5678 1110 PERU, R Ilucan fair in Spanish with T/Cs, lively music and frequent mentions of Ponderosa and Ilucan — LM 2/8
 5745 0650 USA, WHRI with Joyce Myer relig prgm fair in EE — KAB 22/8
 5825 0640 USA, WEWN v good with catholic relig prgm in EE — KAB 22/8
 5855.5 1044 PERU, R Nueva Cajamarca with better audio and no QRM, pleasant lively prgm — PWO 11/8
 5910 1820 GERMANY, RVI in German with item on Burundi, ID 1827, 1831, followed by music — KAB 17/8
 5927.1 1050 BOLIVIA, R dif Minería fair with natl anthem and full s/on preceded by lengthy open carrier — PWO 15/8
 5930 2008 CZECH REP, R Prague fair in EE with Magic Carpet, ID 2012 // 11600 excellent — KAB 21/8

5935 0640 USA, WWCR with relig prgm in EE, fair — KAB 22/8
5945 1832 AUSTRIA, ORF R Good Neighbour with announcements in EE and German with ID 1840. Part of special broadcast to Yugoslavia. Into EE at 1900 with yugoslavian news, good — KAB 17/8
0620 MONTENEGRO, R Free Montenegro in EE w/ IDs then into unknwn lang. - TTS
5950 0350 USA, R Taipei Intl in EE with Chinese lesson by Carlson Wong, fair — KAB 13/8
0630 USA, R Taipei Intl fair in Spanish, ID 0637 — KAB 22/8
5952.5 1050 BOLIVIA, R Pio Doce poor with muted audio with relig prgm, improved shortly after 1100 — PWO 18/8
5955 1019 COLOMBIA, Caracol Villavicencio presumed with Caracol IDs and usual prgm , not // 5077 — PWO 18/8
1048 COLOMBIA, Caracol Network with discussion in Spanish , fair — DN 1/9
5960 0350 CANADA, NHK/R Japan fair in Japanese w/ mx prgm, ID at 0359 - KAB 13/8
5965 2000 MALAYSIA, RTM fair/good in Malay — IC
5970 0500 SAO TOME, VOA excellent in EE with African news — JSB
5975 0609 UK, R Japan via Skelton with news in EE followed by special Summer prgm, fair - KAB 15/8
1015 COLOMBIA, R Autentica strong in SS with good IDs, spoiled by bad het - IC
2120 SINGAPORE, BBC WS in EE with ID 2120 followed by Britain Today, fair with fading and distortion — NMK
5985 0630 USA, WYFR with ID then relig prgm in EE, good — KAB 22/8
2005 CONGO, R Congo, Brazzaville fair in French. Regular and good some days. Has anyone had a recent reply from this Station? — IC
5990 1100 THAILAND, BBC WS in EE with news etc — JSB
6015 0628 CANADA, ORF Austria fair in German ID 0629 then into EE — KAB 22/8
0500 AUSTRIA, ORF Austria v good in EE with news and music — JSB
0947 STH KOREA, KBS Liberty One poor/fair in Korean with no sign of usual jammer - PWO 11/8
6035 0620 USA, VOA with pop music charts, fair with QRM ID 0626 — KAB 22/8
2110 SINGAPORE, NHK with EE ID at 2115 with business and Saian news, fair — NMK
6055 0500 SPAIN, REE excellent in EE with news, Sports, weather — JSB
6080 0610 SOA TOME, VOA fair in EE with African news. ID at 0617 "VOA News Now" — KAB 15/8
6095 2100 GREECE, VOA in EE with ID 2100 with news and EE lesson — NMK
6135 1918 FINLAND, YLE in EE with ID followed by news in Latin, bad QRM — KAB 22/8
0810 BRAZIL, R Aparecida good in unid language with music // 5035 nd 9630 the same — CC 4/8
6140 1200 URUGUAY, R Monte Carlo in Spanish with lots of music — JSB
6150 1130 SINGAPORE, R Singapore notifying of new freq 1130 — 1200 on 9590 but occupied by CRI?? — JSB
0940 BRAZIL, R Record v good in Portuguese some nights, absent others — IC
6155 1102 BOLIVIA, R Fides v good with news briefs and chimes, gave time checks in GMT and hora Boliviano — PWO 15/8
6160 0900 ANTIGUA, DW via St Johns good in EE with Newsline — JSB
0800 CANADA, CKZU-CBU Vancouver in EE with CBC news with Bob McLean switching to CBC Overnight at 0804 — DN 23/8

6175 1955 UK, R Taipei Intl v good in German — IC
6279.9 2130 LEBANON, V of Hope fair in Arabic with EE ID — BML
6465.5 1030 USA, AFN on USB with IDs and The Breakfast Show in EE , fair with strong co-channel RTTY — NMK
6890 0430 USA, WGTG excellent in EE — IC
6898 0440 ISRAEL, Israel Defence Forces Radio fair in Hebrew on USB — IC
6970 1150 LAOS, (tent) Lao National Radio weak and noisy. True freq 6970.6 — IC
7125 0715 GUINEA, R dif TV Guineenne in clear after BBC s/off with music prgm news at 0730 and off at 08090 — PWO 17/8
7160 0230 ALBANIA, R Tirana good with solar eclipse — JSB
0600 ASCENSION IS, BBC WS with Afican and world news — JSB
1503 CHINA, CRI good in EE w/ tik abt Indian rail disaster // 9785 as good - CC 2/8
7185 1231 BANGLADESH, R Bangladesh fair in EE w/ ID and news, some QRM — CC 28/8
7195 1900 THAILAND, HSK9 good in EE with Thai news after s/on — BML
1900 THAILAND, R Thailand opens in EE. Good on this freq change — IC
7200 0955 CHINA, CNR2 fair/good with talk in // 9810 though some co-channel QRM from CRI s/on — PWO 11/8
7230 1901 YUGOSLAVIA, R Yugoslavia good in EE with news and ID at 1909 — CC 8/8
7250 0236 RUSSIA, V of Vietnam fair in EE with ID and news, a little noisy — CC 14/8
7255 0611 NIGERIA, V of Nigeria fair with ID and local news in EE — KAB 15/8
7270 1253 CHINA, CRIfair in EE with Music from China prgm and ID, distorted — CC 28/8
7295 0513 UK, RCI good in EE with report on Turkey — CC 18/8
7305 0305 VATICAN, Vatican Radio with EE ID — NMK
7325 2000 UK, World Wide Global Sound Kitchen via Merlin Network at 2000 although advertising prgm on air at 2100, good — DN 27/8
7330 1930 RUSSIA, R Gardarika with 30 minute test transmission from St Petersburg // 12040 Excellent in Russian — BML 22/8
7345 0300 CZECH REP, R Prague v good with news in EE — JSB
1857 SLOVAKIA, R Slovakia Intl good in EE with station announcements, ID repeated, then off — CC 8/8
7405 0800 USA, VOA excellent with ID then comment on Winston Churchill in SS — NMK
7415 0615 USA, WBCQ good with discussion on non-profit organisations — KAB 15/8
0341 USA, WBCQ good in EE with relig prgm — CC 2/8
7425 0315 USA, WEWN? In Spanish with music and comment, v noisy with fading — NMK
7465 0500 NORWAY, R Norway with Norwegian prgm after IS, ID, good — KAB 18/8
7490 0410 USA, WJCR?? In EE with Country music, poor with fading — NMK 8/8
7510 0435 USA, KTBN very distorted with heavy metal music and comtetition — NMK 8/8
0715 USA, KTBN with gospel music and relig messages, ID at 0859 — NMK 9/8
7580 0400 USA, WHRA v good in EE on this new freq — IC
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: DN — Dave Norrie, Auckland, AOR 7030, T2FD, 25m longwire with balun, 12m vertical: IC - Ian Cattermole, Blenheim, NRD 535, T2FD, Alpha Delta: JSB — Jon Standingbear, Macedonia, DX375, portable antenna: KAB -

Ken Baird, Christchurch, R5000, ATS 909: 15m wire, Eavesdropper: LM — Leigh Morris, Coorong Natl Park, Sth Australia, Drake R8A, 200m long wire : NMK - Neville Mc Kenty, Napier, R70, NRD 545, Sloper, DXSW Listener: PWO — Paul Ormandy, Oamaru ,SPR4, numerous dipoles and longwires : TTS — Tristram Speedy, Auckland, 7700 N/S 55m wire plus others.

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

bandwatch.over9@radiodx.com with Andy McQueen

Hello from Trentham where the hills are echoing with the sounds of Gunfire and not from pop guns. This must be a real Army exercise not just shooting rifles at the range. All Times are UTC

KHZ	TIME	COUNTRY	STATION	& PGM	DETAILS	INITIALS
9022	0200	IRAN?	Spanish	pgm	talking about Columbia	2/8 NMK
9400	0100	SLOVAKIA	R Slovakia	Good with Id as "Your tuned to R Slovakia"	1/8 NMK	
9450	1200	RUSSIA	China Radio True light Station	bc from Petro-Kamchatsky	V/gd in CC	IC
9495	0239	SWEDEN	R Sweden	Strong in EE w/ investigation of former PM's Death	14/8 CC	
9500	0526	SWAZILAND	TWR	Fair in EE with advert for TWR Insight for Living	pgm 2/8 but poor at 0547 on 9/8 CC	
9510	0210	ROMANIA	RRI	Fair with Id and Musical folk tour of country	30/7 NMK	
				0242 Fair in EE Music and Id by OM // 9570 as good	14/8 CC	
9555	0200	THAILAND	VOA Udon	? Sideband appears on 9560 S/off at 0259	NMK	
9560	0000	UKRAINE	R Ukraine	Poor with pgm of local music and Ukraine Today	pgm NMK	
9560	0100	HUNGARY	R Budapest	Straight on without a break in transmission from Ukraine	pgm with Id in EE then short musical items	NMK
9560	0300	SLOVAKIA	R Liberty	in Serb or Slovak language	NMK	
9560	0400	CHINA	CRI	Good in Ee and wipes out R Liberty by 0415	NMK	
9560	0540	FINLAND	YLE	R Finland Good with Id in Finnish and all spoken	pgm NMK	
9560	2130	TURKEY?	VOT ?	Pgm of Turkish & Armenia music	NMK	
9640	1521	NORTH KOREA	R Pyongyang	Fair in EE with Orchestral Music but distorted by QRM // 9975 the same	2/8 CC	
9645	1140	THAILAND	?VOA	Relay Good in EE with story of money laundering in Moscow by New York bank	AMQ	
9705	0308	MEXICO	R Mexico	Int Weak in EE Talk abt Mex people Noisy backgrnd	14/8 CC	
9840	0232	HUNGARY	R Budapest	Strong in EE with Id and News	14/8 CC	
9885	1241	THAILAND	R Thailand	Fair with tlk of Thailand's economic crisis	28/8 CC	
9965	0910	PALAU	KHBN	Fair with religious pgm in English	IC	
11590	0335	ISRAEL	Kol Israel	V/gd in Hebrew w/ Reshet Bet	pgm Id and News at 0400	HJS
11600	2134	CZECH REPUBLIC	R Prague	Poor in EE to Asia/ Australasia	#HJS	
11605	1910	ISRAEL	Kol Israel	Fair in EE abt 'Millenium Village'// 9435 15650 poorer	8/8 CC	
11655	0300	TURKEY	VOT	Good in EE but // 7290 not heard	IC	
11705	0830	BRAZIL	R Transmundial	Poor in PP w/ relig but spoiled by sideband splash	IC	
11720	0503	SOUTH AFRICA	Channel Africa	Strong with African News & Id	19/8 CC	
11645	0330	GREECE	V of Greece	Good in Greek with Nice music // 9420	Fair HJS	

11730	1045	CHINA	CRI	Good with Listeners letters	pgm AMQ	
11730	2200	CZECH REPUBLIC	R Liberty	Fair with Id as "R Svoboda"	Unknown language	TTS
11740	0256	USA	R Taipei	Int relay Strong in EE with Let's learn Chinese	Id at 0258	14/8 CC
11740	2144	IRAN	VOIRIB	Very good with News in English	HJS	
11745	0130	CHILE	R Voz Christina	V/gd in SS // 11690 also good	IC	
11785	2030	??	??	Warbling jammer over music	HJS	
11810	0249	ANTIGUA	D/Welle	relay Strong in SS w/ announcements	Id then off	14/8 CC
11810	0400	ROUMANIA	RRI	Fair signal to Sth East Asia in English // 15545 to Africa	#HJS	
11835	0400	AUSTRIA	RCI	relay Good in EE In last month's DX Times this channel was listed as Germany	#HJS	
12050	0532	EGYPT	R Cairo	Strong in AA with Music Id by YL as 'Huana Cairo'	2/8 CC	
12055	0745	RUSSIA	R Tikhy Okean	Fair in Russian Closes at 0800 // 12070 better	IC	
12180	2118	USA	WGTC	Fair in EE on USB		
13605	0230	IRAN	VOIRIB	Opens strongly in SS Id then koran	HJS	
13670	0200	CANADA	RCI	Sackville Very good in English	#HJS	
13670	1135	SOUTH KOREA	RKI	Fair in EE with Fair in EE with Nx // 9570 not so clear	28/8 CC	
13730	0250	AUSTRIA	ORF	Excellent audio with Straus/Verdi Music and comments in SS	HJS	
13740	2030	VIETNAM	V of Vietnam	Fair/ good in EE #	HJS	
13750	2040	CUBA	RHC	Only fair in English	#HJS	
13780	0215	???	D?Welle	Excellent in SS from unknown location	HJS	
13820	0128	USA?	R Free Asia	Closing with EE Id "This is Radio Free Asia Good Signal	IC	
14855	0325	ICELAND	??	Tenative Very weak in unknown language No positive Id	NMK	
15110	0500	KUWAIT	R Kuwait	Good with Testimony of History- The Old Caravan Trail	TTS	
				0510 Strong in EE with "Testimony of History" and Id	19/8 CC	
15125	2250	INDONESIA	RRI	V/good in Indonesian At 2300 Id and News	HJS	
15140	0200	ECUADOR	HCJB	V/good in SS with Id as "La Voz de Los Andes" Sked indicates to Mexico at this time	HJS	
15150	2040	Unknown Location	RCI	Poor and Noisy in English and not on their sked	HJS	
15160	0230	SPAIN	REE	With terrific signal in Spanish to latin America	HJS	
15170	0459	USA	WYFR	Fair in AA? with well known hymn tunes	18/8 CC	
15195	0430	USA	WSHB	Excellent in English till S/off at 0458	IC	
15195	0700	BELGIUM	RVI	Fair in EE but // 9925 much better	IC	
15240	2050	ITALY	RAI	Int Fair /Good opening in Portuguese to Africa	HJS	
15365	2220	ROUMANIA	RRI	Good in SS to Argentina // 15120	Fair HJS	
15375	0430	CHILE	Voz Christina	Poor in Spanish	IC	
15425	0145	SRI LANKA	SLBC	Good in EE News at 0200 // 9780 not so good	IC	
15470	2100	CANADA	RCI	Weak in EE with World at Six // 13650 much better	IC	
17485	2300	CZECH REPUBLIC	R Prague	Good in SS to Sth America	HJS	
17600	2100	PORTUGAL	RDP	Stong opening with Anthemn and Id in PP	#HJS	
17635	2050	GUAM	KSDA	Excellent in Mandarin with full Id at 2300	#HJS	
17680	1453	FRANCE	RFI	Good with Id and News in EE // 11910 & 17560 weaker	2/8 CC	
17735	0400	ROUMANIA	RRI	Fair in English to Oceania	#HJS	
17825	2100	JAPAN	NHK/R	Japan Good with EE news to Nth America	HJS	
17845	0200	USA	R Taipei	Int Good in SS to S. America // 15125 suffers heavy QRM	IC	
21700	0548	UAE	R Dubai	Fair martial band music then off // 15435, 17830 weaker	CC	

Many thanks to this months contributors. The # mark indicates a station has been

reported. You are welcome to contact me either via P O Box 3011 Auckland or direct at 36A Brentwood Street Trentham Trentham Upper Hutt. I do have an Email address: mcqueenandy@hotmail.com If your hearing a station not reported here please drop me a line. I was up in Hawkes Bay a few weeks ago and was very pleased to meet up again with Jack Searle and also make contact with Nev McKenty. Good Luck with your holiday in the Mainland Nev. 73's Andy McQueen

Shortwave Exchange

AMQ - Andy McQueen Trentham Upper Hutt Sony 6800 / / CC - Cliff Couch Paraparumu Sangean ATS803A 60m horizontal loop / HJS- Jack Searle Haumoana Hawkes Bay Icom R71 100m longwire 19 & 60 m dipoles / IC - Ian Catermole Blenheim JRC NRD 545 with T2FD and Alpha Delta antennas / / NMK - Nev McKenty Napier JRC545 & Icom R70 and sloper aerial / / TTS Tristram SpeedyGraham's Beach Waiuku Yaesu FRG 7700 with 55m N/S random wire

utilities@radiodx.com with Evan Murray, Auckland

AUGUST

Apologies for this August report being delayed due to a computing error and last minute preparations for our holiday. The two weeks we spent in Freemantle among family, about 14 in all, were really great, and weather was spring in all its glories. Forgot to pack a small receiver which is minus sideband frequencies but there were no opportunities to DX anyway.

To work. Contributions should be sent to 14 Kia Ora Road, Birkdale, Auckland, unless you are reporting loggings for multiple column, in which case you should mail to Box 3011, Auckland, for separation to respective Sub Editors.

5547 0938 San Francisco/North West 932, Singapore 5, Eva 15. EM
5634 2057 Antanarivo/Qantas 64, then calls Mauritius. JV
5637 1055 Houston/Giant 051 departed Miami 0953/14 estimate Caracas 1303. Call you on ground Caracas. (Atlas Air Jamaica, NY) JC
5650 0947 Oz fishermen. Are you working tomorrow and what are you doing today? EM
5667 1035 San Francisco/North West 8. Request FL 310. SC GLEM. EM
5667 1254 San Francisco/Canadian 4. Are you still on guard Tokyo? NMK
5667 1256 San Francisco/Delta 56. Posn 46N 167W. NMK
5727.50358 Mac Centre/Shamu (tanker after midair refuelling) advises estimate Christchurch 0800. Next Dalos 0548. JC
5727.50549 Mac Centre/Polar 99 (C141) mission completed. JC (Both above flights involved in repatriation of sick US scientist from Amundsen Scott, South Pole Station ED)
7005 1220 McMurdo/? 35. Faint with QRN. NMK
8746 1100 US Coastguard commencing Y2K exercise. NMK
8806 0800 9AR Radio Rijeka Croatia. Male/female conversation. Short and abrupt transmissions. References to NY and Brasil. Tape of Song of Joy. NMK
8825 0742 Santa Maria/Ghana 130. Posn 28N 40W. EM
8825 0744 Santa Maria/Air Portugal 1423. FL 410. EM
8825 0404 Rescue ?/New York. Posn 35N 48W. OB

8825 0411 Santa Maria/Gianca 01. Posn. OB
8825 0438 New York/Transport 23 (Canada) Posn. OB
8825 0441 New York/Speedbird 2541. Posn. OB
8825 0448 Santa Maria/Britannia 1761. OB
8825 0308 Santa Maria/First ?. Posn. OB (May be Canadian or US ED)
8825 0322 Santa Maria/Gianca 01. Posn. Request higher level. OB
8825 1027 New York/EGY 116. Egyptian Air Force. Bound for Washington. Given WX for Baltimore, Dulles and Dover. EM
8825 0950 Speedbird 4508/New York. Posn 50N 50W. FL 370. Mach .84. EM
8864 0748 TWA 724/Gander. Message ex Dallas with WX London Gatwick. EM
8867 0810 Brisbane/Flight West. SC on ground Norfolk. NMK
8867 0820 Tahiti/LAN Chile 833. Estimate Sumol 0833. NMK
8867 1232 Auckland/Kiwi 997. Posn. Continue with Nadi. NMK
8891 0505 Iceland/Canadian 96. Posn. JC
8891 0336 Bodo/Lufthansa 8383. QSY to 11279. JC
8894 0441 Niamey/Air Afrique 9961 to Paris Charles de Gaulle.
8903 0925 JAL 778/Tokyo. Primary 6573 Secondary 8903. EM
8903 0927 NZ 97/Tokyo. Posn. EM
8903 0425 Bura(Bujumbura?)/KAC (Kuwait Airways) JC
8903 0425 Luanda/Kinshasa. Repeated calls. No reply. JC
8906 0848 Santa Maria/Air Romania 9435. 38N 50W. Next 36N 55W. NMK
8918 2040 ? 7297 airborne Malaga. SC MNFJ. NMK (SC may be MNFJ and Malaga (Spain) may be Malacca Indonesia. Frequency is on South East Asia regional route, allocated to Indonesia. See footnote re Selcal ED)
8930 2028 Karachi/Pakistan 702. JC
8942 1046 Singapore/ 42/Singapore. EM
8942 1047 Singapore 18/Singapore. Report EVOP. EM
8942 0918 Singapore/Cathay 77. EM
8951 1007 Tokyo/Eva 27. Remain at Mach .85
8951 1007 Tokyo/United 876. Request San Francisco frequencies. NMK
8951 1007 Tokyo/Cathay 88 and UPS 7993. Request San Francisco frequencies NMK. (UPS is Universal Parcel Service, USA ED)
8974 2355 Kiwi 997/Air Force Auckland. Do you require contact other aircraft? No, I have them on 11. NMK
10066 1147 Calcutta/Iranair 840an to Lumpur. SC DHAM. JC
11175 0315 Goose 17/Guam. What is your ETA Guam? NMK
11235 2205 Air Force Sydney/Aussie 33. Will call on departure. NMK
11300 0417 Air France 977/Tripoli. Go ahead. EM
11396 0345 Perth/Malaysian 125. Cleared to FL 390. NMK
11396 0125 UN 651/? Request time for Darwin. NMK
11396 0130 ?/Alitalia 796. Squawk 1327. NMK
13170 2330 J59T Radio. Eastern European male/female. UID language (Maybe SVN 59, Athens Radio ED)
13170 0320 LPM, Mar del Plata Radio, Argentina. NMK
13188 0420 UAT, Moscow Radio. Male/female. Also CW. NMK

13188 0430 DYI, Iliolo Radio, Phillipines. Weak and distorted. NMK
 13300 0910 San Francisco/Air Nauru 351. FL 310. Niper at 0953. NMK
 Contributors - JC John Charlton Greymouth Kenwood R 5000 30 m wire NMK Neville
 McKenty Napier NRD 545 antenna sloper, Icom 70 shortwave listener, AOR 202 discone
 D130 OB Oliver Barton Auckland Kenwood R 5000 50 m wire EM Auckland Kenwood R 5000
 T2FD, Yaesu 7700 30 m wire.

STOP PRESS From John Charlton. United States National Guard was expected to operate WINFLY, the commencement of flying to the Antarctic about 20 August when the sun comes up for a short time, the first since last summer. Frequencies include the upper end of 8 mhz.

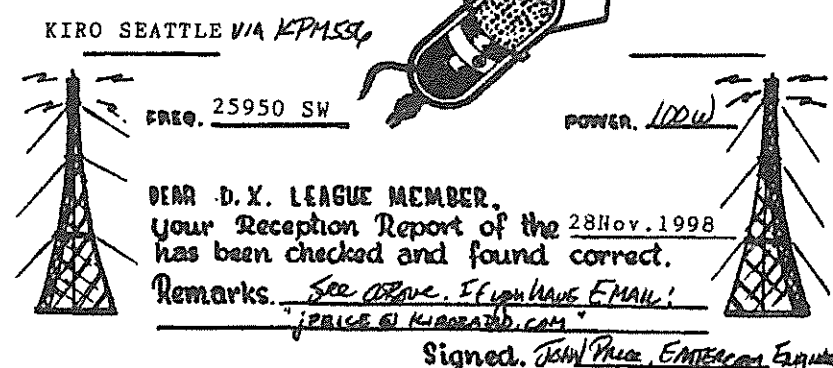


NAVAL MEDIA CENTER
 2701 S. Capitol St., SW
 Washington, DC 20373-5819
 18 Feb, 1999



- 6628 0753 Santa Maria/Air Europe 2926. Air Europe Spain. EM
- 6628 0802 Santa Maria/Reach 201. SC CSHQ. Able FL 360. EM
- 6628 0802 Santa Maria/Air France 34523. Request FL 350. EM
- 6637 0802 Dynasty 340. Report to Atlas Air, DNJ at 0720, FL 330. ETA Dallas Fort Worth 1025. JC
- 6637 0745 Emery Worldwide 823 on ground Mexico City working Houston. Message to Dayton Ohio. Tail No N795 FT. Arrived Mexico City 0640/50 Depart 0825/42. ETA Guadalajara 0923. SC CFDM. Adios. JC Emery Worldwide USA.
- 6637 0800 Emery Worldwide 107 working Houston. Destination Caracas ETA 1010. JC
- 7336 0800 CHU Ottawa/Canada. Standard Frequency Station. NMK
- 8825 0945 Santa Maria/KLM 742. Cross 40W at FL 400. Presume this implies cross 40W longitude at FL 400. EM
- 8825 1954 Springbok 202/Santa Maria. At 2005 climb and maintain FL330. EM
- 8855 1036 Porto Velho/Korean 061. Posn. EM. Porto Velho South of Rio de Janeiro. EM
- 8867 0553 Auckland/Kiwi 945. Posn. EM
- 8867 0132 Auckland//Cathay 108. SC FRGP. EM
- 8867 0328 Auckland/Malay 136. FL 350. SC QRES. EM
- 8867 0211 Brisbane/New Guinea 83. No reply. NMK
- 8867 2325 N690 CA/Auckland. Departure Norfolk. NMK
- 8867 2207 Orion Grey/Auckland. Normal. Call again 1.30. NMK
- 8867 1280 Indonesian 712/Auckland. SC Check. Require your ground speed. NMK
- 8867 2210 Kiwi 867/Brisbane. Posn and SC. NMK
- 8879 0823 Reach 5413/Gander. Doyou read. EM
- 8879 0831 Malaysian79/Gander. ATC advises higher not available. EM
- 8879 2152 Pakistan 796/Gander. Return to VHF with 51 latitude progress. EM
- 8879 0941 Gander/Unid. SC AFJM. EM
- 8903 1955 Tokyo/JAL 778. NMK
- 8903 1955 Tokyo/Dynasty 0-01. Make primary 6532. NMK
- 8918 2002 Saudia 822/Bahrain. QRM. QRN. JC
- 8918 2002 Unid clears Saudia 1538 for Al Madinah (Medina). JC
- 8921 2039 Speedbird London/Colours 041 bound Tenerife (Flying Colours London)JC.
- 8974 2215 ZKX/Kiwi 802 for Kiwi Red posn. NMK
- 8974 0900 Air Force Sydney. Radio check Townsville, Darwin, Perth. NMK
- 8992 0700 Hickham/Evac 5241 on blocks ?. 1 Baggage pallet, 3 Litter patients, 4 ambulance patients, 2 wheel chairs., CCT bnbreakers want reset, require phone patch to Yokota WX. NMK
- 11175 0444 Mainsail YD003/Elmendorf. Request phone patch. NMK
- 11175 0444 Elmendorf/YD003. Do you have a spare shaving kit. NMK
- 11175 0450 Unid/Reach 2291, 5104, 8393, 2293 All very weak. NMK
- 11175 0507 Magnavox/McClellan Patch through to Fisherman. NMK
- 11175 0507 Magnavox/Fisherman. Come up to Zulu 175. NMK
- 11175 0616 Ramstein/7R3. Total 70 persons, medics and aircrew inventory. Request WX Ramstein.
- 11175 0630 Blue 42/Raymond Base RYI out of Suvic. Nil pax, Nil cargo. Request Customs, agriculture, Status A2, Tail number 638006, ETA 1900Z. NMK
- 11175 1015 Hickham/Reach 0005. Tail number 96005, Status A1, Request customs, agri-

FROM PEAK REMOTE FREQU JUNCTION KPM 556, I connect to KGOV-FM
 PORTLAND, OREGON. KPM556 IS USED TO RELAY PROGRAM CUES TO Remote
 LOCATIONS. KGOV HAD KIRO'S PROGRAM - AVAILABLE VIA SATELLITE -
 on the channel. KIRO & KGOV BOTH ON A BY ENTERCOM.



SEPTEMBER

Some more news of flights to the Antarctic mentioned in July DX Times. Adventure Network International, which transports hardy individuals from Chile to its small airfield at Patriot Hills, 800 South 700 West, first landed a DC4 on the ice field in 1987. This was followed by a DC6 in 1989 and by a Hercules in 1993. 800,000 miles have been flown by ANI's Twin Otter and Cessna 185 aircraft. Weather in Patriot Hills varies with the seasons with air temperature in early October around -300 rising to -50 in mid December.

- 5634 1943 Mauritius/Foxtrot 001. Perth replies. JC
- 5639 0448 Virgin 002/Gander. SC Check. JC
- 5680 2019 Kiwi 135/Wellington RCC. Man overboard 32S 179.44W. NMK

culture, immigration, 103 people, 4 pallets, 13100 lbs.

11175 1015 Elmendorf/Reach 005. NMK
11300 0542 Jeddah/Cairo with movements Emirates 17. EM
11300 0357 Khartoum/Mauritius 62. We have comms with Tripoli. EM
11300 0357 Tripoli/Mauritius 45. Posn Kupra at 2117. EM
13151 1125 HLS Soul Radio Korea. Synthesised MX. Korean language. NMK
17904 0745 Honolulu/Qantas 69. Call Tokyo 8903. EM
17904 0210 Brisbane/New Guinea 083. No reply. NMK
124.80008 Aussie 733/Napier approach. ATC "Crew member wants to know what's the tripod things in water". Mai mais. NMK
Contributors - JC John Charlton Greymouth Kenwood R5000 30m wire NMK Neville McKenty Napier NRD 545 60' antenna sloper, Icom 70 shortwave listener antenna, AOR 2002 discone D130 - EM Evan Murray Auckland Kenwood R5000 T2FD. Thanks to all

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

Conditions on MW have been FANTASTIC! Some terrific activity on the Expanded-Band.. and from home too! The last few nights (2nd-6th of September) DXing from home has been almost as good as Waianakarua! (I can't say it's been just as good or my wife would want to know why I bother going!).

Bill Woller, Opunake, "Other than getting a few W and the odd K station back, the Times is the Highlight of the month. Well getting down to the nitty gritty I have sent reports to KCNZ 1650, [E-mail] WHKT 1650, KXOL 1660, [2nd try] E-mail, WTDY 1670, WJNZ 1680, KBGG 1700. Veries back from : KCNZ and KXOL Both by Email and overnight. Great stuff. KXOL was not a follow up from my earlier report from Matata by snail mail but a complete new report. In the reply from KXOL Beverly Snyder said "KXOL have heard from many New Zealanders but few who like their music."

Sounds like I come into the right age group. Well that's about it for this time ,If I can do as well for the next month or better I certainly won't be complaining. I was talking to Rob Chambers the other evening on the twisted pair and asked him how he was doing on the X Band. He Said his system did not cover that area. But he's been back in touch and has got it working ok. He was amazed what was doing up there so watch out for the results." *In-deed... the results are below... thanks Bill!*

Cliff Couch, Paraparaumu, has finally bagged a Yank from home! Hearing KFMB 760 more than once too! We're all looking forward to some competition Cliff!

Peter Chambers, Onekawa, Peter has been experimenting with wires and fences and promises an article on ground-wires, coax chokes to eliminate noise and using a fence as a Beverage... there Peter... now you're committed!

Chris Martin, Ormeau Qld. "A very good month on the band with some exceptional loggings and conditions! August 16th was once in a lifetime type auroral conditions with the band full of rare Latins at 1000z. X Band Yanks have been on the boil and some new stations heard at our sunrise skip time. Logs are WRUU 1660, KBLA 1580, KVNR 1480, SODRE (tent) taped report 1290, R. Nac Bolivia (tent) taped report 1390, R. Integración (tent) taped report, HJJW 1460, HJCP 1560, HJBS 1490, YVTP (tent) tape report 1430, AIR Calcutta 1134, VOA Poro 1143, VOA Thailand 1575, XEBCO 1210, Radio Paradise 830, Fiji 1152, DYRF 1215, QSL's in from VOA Botswana 909, KMIK 1580 & WHKT 1650. Good DX to all for the equinox." *Sheesh! What*

are you going to do when you retire!

Paul Ormandy, Oamaru, plenty of logs WHKT 1650, WTTM 1680, R Italia 1611, KAZP 1620 and WTIR 1680 and a few QSLs too... R Familia del Maule 1570, YVSG Union R 1090, R Italia, Canberra 1611, 2TR 756 and 2CP 1602 (the latter heard during 2XA's silent period).

Merv Branks Trophy

Paul Ormandy 6

Best of the Month

Paul Ormandy with R Familia del Maule, Talca, Chile 1570kHz 10kW

Into the MW Trail...

BW - Bill Woller, Opunake. PC - Peter Chambers, Drake R8A at Ocean Beach with 100m 70° ground wire, and home QTH using a T vertical 55ft, and a fence near the airport 1200m long at 110°. CM - Chris Martin, Ormeau Qld having the time of his life... PWO - Paul Ormandy from home, using two 30 metre slopers 180 deg apart, the MFJ-1026 and SPR-4. POW - Paul Ormandy from Waianakarua, MFJ-1026, SPR-4 and assortment of Beverages..

670 0510 CUBA R Rebelde, fr copy //710. 670 weaker signal but less splash. PC
670 0858 USA WMAQ Chicago IL, "WMAQ 6-70 Sport" gd sig but some flak. PC
680 0712 USA KNBR San Francisco CA, pres. the one w/gd clear sig carrying same sports prog as XETRA 690. PC
680 0750 USA KNBR good w/ ESPN sports and KNBR 68 id's. CM
800 0730 BONAIRE TWR fair w/ PP relig. CM
800 0849 BONAIRE PJB pr-fr w/relig in PP. Strong het from Rhema 801. PWO
830 0715 NEVIS Radio Paradise fair w/good peaks // 7510 w/TBN promo's CM
850 0715 USA KOA Denver CO, gd w/id, strong signal. PC
870 0953 HAWAII KAIM Honolulu, pr-fr w/modern gospel mx, steady signal. PWO
1000 0720 COLOMBIA RCN Cartagena dominant w/RCN noticias. CM
1017 0740 TONGA TBC strong over 2KY w/ local notices. CM
1040 1050 CANADA CKST dominant w/ oldies and "AM1040 CKST" id's. CM
1070 0940 USA KNX Los Angeles CA, fr-gd w/radio theatre drama. PWO
1100 0943 USA KFAX San Francisco CA, pr-fr in 3ZB slop w/modern gospel mx. PWO
1121 2010 UNID Arab w/ talk on Beirut fair sig - drifter. CM
1134 2010 INDIA, AIR Calcutta over 2AD w/Hindi mx // 1566. CM
1150 0947 USA KXTA Los Angeles CA, pr with sports-talk, local ads 0950. PWO
1190 1020 ARGENTINA R. Nac Tucuman local tc's and R. Nac Tucuman id's, good sig. CM
1215 2000 PHILIPPINES DYRF w/ religious talk, dominant. CM
1260 2000 PHILIPPINES Cebu DYDS w/ DZRH network news dominant on Asian ant. CM
1260 2000 AUSTRALIA 4MW w/"Triple A" news mixed VOA,6KA,DYDS,3SR. CM
1269 2000 KUWAIT R. Kuwait over 2SM w/ AA mx. CM
1278 2000 JAPAN JOFR good w/ network id stn and calls. CM
1290 1010 URUGUAY(!) SODRE w/ economic talk on Paraguay. CM
1310 0850 USA KMKY with R. Disney // 1580 - no delay, one feed from Dallas. CM
1370 1030 BOLIVIA(!) R. Integración with talk and UTC-4 tc CM
1380 1005 VENEZUELAN Unid Venezuelan music here on top of other latins. CM
1380 1105 ECUADOR R Cristal Quito w/RCQ id's mixed Chile. CM
1386 2000 RUSSIA VOR w/EE Nx dominant over Iran. CM

1390 1012 BOLIVIA Radio Nac Bolivia fluttery w/talk on mining at Oruro. CM
 1410 1200 MEXICO La Mexicana, Los Mochis id and ann 10Kw after relig talk. CM
 1420 1120 HAWAII KCCN w/ESPN sports talk. good CM
 1430 1005 VENEZUELA R. Bahia w/Venez News Network & gongs. Briefly peaking. CM
 1446 1212 UNID Indonesian w/ Bahasa talk and Gamalang mx. CM
 1467 0700 FIJI, Raki Raki Good early evening. BW
 1470 0740 PERU CPN Radio dominates this channel. Lots of ID's. CM
 1480 0618 USA KWIZ Santa Ana CA, pres. the one here w/prog in W. Mxd KYOS Merced CA running Art Bell. POW
 1500 0720 VENEZUELA, R. Dos Mil dominant over Santa Rosa w/ id's CM
 1500 1100 PERU R Santa Rosa dominant w/ relig talk. CM
 1510 0547 USA WLAC Nashville TN, totally dominant and good copy, ids and "Road Gang" truckers show. Received on fence beverage. PC
 1510 0550 USA KGA Spokane WA, gd clr sig on 70° grnd-wire whilst WLAC down on Beverage. PC
 1510 0825 USA KFNN Mesa w/Dow Jones report. A rear one this. On high power. CM
 1510 0905 USA WLAC Nashville TN, up nicely w/id after nx then "Road Gang" jingle and into truckers show. Mxd unid w/biz nx, presumably KFNN Arizona who has been running night power recently. PWO
 1512 1202 PHILIPPINES DYAB dominant over ABC w/"DYAB-ABN" promo. CM
 1520 0724 USA KOMA Oklahoma C OK, up w/National Weather Service forecast, high of 80°, despite slop from reactivated Tauranga 1521. PWO
 1540 0500 BAHAMAS R Bahamas, Nassau, usually back-back mx though on w/hurricane report this night. Update of situation, danger of low over-head cable sin New Providence. Up for about 5 mins with tlk then into usual mx pattern. POW
 1540 0923 USA KCTD Los Angeles CA, up briefly w/ad, sports nx and fade. PWO
 1550 0621 MEXICO XENU "La Rancherita de Nuevo Laredo", pr-fr on peaks w/canned id between tracks. Mxd station with oldies (KQWB?). PWO
 1560 1100 USA WRHC call into SS news dominant over XEFAJ. CM
 1560 1100 Colombia, Antena Dos w/ Anthem and id, dominant. CM
 1560 0537 MEXICO XEFAJ R Consentida, México C, w/id, ranchera mx, dom. o/rumble. PWO
 1560 0617 USA WQEW New York NY, pres. the one here w/R Disney pg in // 1580 & 1690. PWO
 1590 0918 MEXICO XEVOZ Bonita AM, up briefly w/couple of ads for DF, jingle id & ballad. PWO
 1600 0617 USA KMNY Pomona CA, pres. the one w/CC lang prog, dominant o/KGST. PWO

Expanded Band

1604 1140 INDONESIA Unid w/ Indonesian pop music. CM
 1611 1015 AUSTRALIA R Italia, Canberra, pr-fr on peaks w/talk prog. Noted w/RAI theme tune 1059, and 6GS Wagin fading-up at 1045z w/C&W and horse-racing. PWO
 1620 0810 USA KAZP Bellevue NE, pr-fr on peaks w/ESPN Radio sports, only local break for 1 min from 0859. Had the Aussies phased out. PWO
 1620 0747 USA WPHG Atmore AL, pr sig on peaks w/low-key male preacher, local id 0759. PWO
 1620 0630 USA WPHG Atmore AL, exc copy & briefly dominant w/id on half-hour. Relig prog, mostly mxd with 2nd relig stn. PC
 1640 1020 USA KDIA fair thru side of 2ME w/ adult standards, mx // 1390//1320. CM
 1640 0805 USA KDIA Oakland CA, exc sig, dominant on channel "Catholic Family Radio" &

"Family values for a new millennium, talk about it on KDIA 16-40" PC
 1650 0621 USA KGXL Costa Mesa CA, exc w/id then into mx, slogan "Great music, great memories 16-50 KGXL" PC
 1650 1107 USA KCNZ strong with weather for Cedar Valley & Iowa markets. CM
 1650 1000 USA WHKT Chesapeake good Hurricane Warnings 30th Aug. BW
 1650 1000 USA WHKT Portsmouth VA, abrupt s/on into CNN nx. Local id 1003:30 then more nx. At 1006 "Point of View" current-affairs style program. POW
 1660 1100 USA WMIB strong over KXOL w/ABC news. CM
 1650 0729 USA WMIB Marco FL, good signal, asking for listeners to fax them, then into Nostalgia mx using slogan "The Source". Running in // to WODX 1480. PWO
 1660 0415 USA WMIB Marco Is FL, weak but clear sig at this time, rapidly got stronger thru to 0600 when KXOL dominated thereafter. Reg ids between soft and dreary mx tracks (Pete's a head-banger from way back... :^). ABC nx on the hour. PC
 1660 1130 USA KXOL Brigham City Exc. Oldies till drop out at 12:35. BW
 1670 0521 USA WRNC Warner-Robins GA, gd copy "WRNC AM/FM Real Country" dominant on channel, vgd peaks all evening. PC
 1670 0900 USA WTDY Madison WI only stn on channel this date "AM 16-70 WTDY Madison" & "The latest in ABC news" 0903 wx & sev. ids, gd peaks, rapid, lengthy fade-outs. PC
 1670 1103 USA WTDY Madison WI on news over WRNC on country mx. CM
 1670 0830 USA WTDY Madison Good Talk, plenty of local ads. BW
 1680 0940 USA WTTM Princeton NJ, up o/WJNZ w/ESPN sports. Local promo and "Sports Radio 16-80" ids at 0945. Disappeared before 1000. POW (Possibly your Unid PC)
 1680 0601 USA WTIR Winter Garden FL, first day on air w/"Traveler Information Radio", heaps of ids and "Florida Feature" items, reg. wx at 4, 14, 24, 34, 44 & 54 minutes past the hour. Assumed to be running 10kW. PWO
 1690 0650 USA Unid Gd sig w/R Disney (pres. KDDZ Arvada CO.-ed) No ids over hour or any other time seemingly. Often received. PC
 1700 1107 USA KQXX good thru side of R 1701 w/"KQXX" jingle and Julio type mx. CM
 1700 1015 USA KBGG good thru side of R1701 w/Dow Jones report. CM
 1700 0430 USA Unid slogan "1700 The Fan" "Sports like you've never heard before" Heaps of promos, sports tlk. Heard "W" call on hour but never been quite able to get it. Often good signal. PC (ex-WCMQ methinks-ed)
 1700 0700 USA KTBK Dennison TX, gd w/id, KTBK mentioned along with another call-sign. Sports-tlk program, slogan "The Ticket". Often mxd with "The Fan" and SS stn. PC (runs //1310 KTCK "The Ticket"-ed)
 1700 0830 USA KBGG Des Moines V. Good Talk and Biz. Ads. 0900 "The Des Moines Business Network on the BIG 1700." BW
 1700 0732 USA KBGG Des Moines IA, ids "Our business is covering the business, Des Moines Big 1700, KBGG" and biz news report. POW

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

ASIA PACIFIC BROADCAST NEWS

NEW ZEALAND Radio Pacific in Auckland on 702 increased power to 10kw in early

August. (Barry Hartley via Paul Ormandy)

The Ministry of Commerce has jointly awarded the Auckland Maori radio frequencies **603 AM** and **96.8FM** to the Manukau Urban Maori Authority and the Te Whanau o Waipareira Trust. Former operator Radio Aotearoa Radio was forced off air last year because the station was running at a loss. Urban Maori leader Willie Jackson said it was hoped to begin broadcasting before the end of 1999. He said the station will be based at the Nga Whare Waatea Marae in Mangere. 603AM will be used to meet Maori language and cultural obligations, while FM will be mainly used for commercial purposes, he said. (via Bryan Clark)

AUSTRALIA Since Saturday August 7th the 2ST translator on **1215** at Bowral has a loop announcement saying they have moved the Souther Highlands service to 102.9 FM. This leaves only two other Aussies on **1215**, a low power frequency. (Chris Martin)

5TAB Adelaide on **1539** verified with full detailed QSL card in 19 days for taped report. Verification signer E.G. Gesler. Address: Tab Building, Level 1,

Pulteney Court, Adelaide 5000, S.A. Australia. (Patrick Martin OR email)

The Australian Broadcasting Authority is about to release it's draft LAP for Sydney (analog). In it they will be calling for submissions from interested parties about higher power for the AM commercial stations (from 5kw to 10kw), and Day/Night switching. Also, the commercial stations are expected to advise the ABA for special testing requirements to run 10kw in anticipation of the higher power outcome. Sydney is the next cab of the rank for the planning process, then Melbourne. Most of the ABA's resources are being channeled into digital though (mainly digital TV). The Minister for Communications has announced that there is a sunset clause for analogue broadcasting which is to be 2021. The way things are moving in the broadcasting technology business there may very well be no analogue receivers around by 2021 though.. (Chris Martin)

(Later) Finally the ABA's draft LAP for Sydney, Lithgow, Campbelltown, Gosford has hit the streets. There are lots and lots of FM changes and the only AM stuff is as follows:

Day/Night switching for 2GB, 2UE, 2KY, 2CH, 2SM will be allowed - 10kw days, 5kw nights after the September 2000 Olympics. (Some are already running 10kw nights!) 2LT 900 will get a translator for Katoomba on **783** with 2kw (2KA old frequency vacated to ONE FM). The Sydney frequencies for the open narrowcasting type format will be auctioned in September 2000 for 1539, 1476 and 1386. Gosford **801** will be open narrowcast, again to be auctioned. Campbelltown didn't get 783 kHz as was mooted but instead an FM'er of 200 watts. Again this is the DRAFT and open to public comment. (Chris Martin)

CAMBODIA: National Radio of Cambodia seems to have been experimenting with its use of MW frequencies. Noted in early June with national program on 918 only (previously 740 and 918), with 740 coming on only at 0000-0110v and 1200-1310v to carry external service National Voice of Cambodia // 11940v. Since approximately 10 June, the national service has been on **740** only, with nothing observed on 918. Usual hours are 2230-0800/0810v, 1030-1500. News in EE is carried some days at approximately 0755-0810. (Alan Davies-Thailand, BC-DX 417 ARC via NRC's IDXD)

PHILIPPINES Kim Elliot has announced that the VOA relay station at Poro will close at the end of September 1999. Most off the transmissions will be taken over by Saipan (ex KHBI) or Tinian. It was said that Tinang will stay on the air. (Mark Veldhuis via Patrick Martin email)
Presume this will mean the end of 1143? Ed

X-BAND ACTION

The frequency range 1620-1700 kilo-Hertz is beginning to fill rapidly stateside. Thanks to prolific Oregon State DXer **PATRICK MARTIN**, here's the status as at 11 September 1999.

1620 KHZ

WPHG - AL, ATMORE - Gospel
KSMH - CA, AUBURN — Catholic Religion
WHLY - IN, SOUTH BEND - Nostalgia
KOIL - NE, BELLEVUE — Sports Talk
KYIZ - WA, RENTON — Rhythm & Blues

1630 KHZ

KCJJ - IA, IOWA CITY — Adult Contemporary
KKWY - WY, CHEYENNE — Country & Western
XEUT - MEXICO, BCN, TIJUANA- Jazz (Daytime only, on at 6:30am PDT)

1640 KHZ

KDIA - CA, VALLEJO — Catholic Religion
KKJY - OR, LAKE OSWEGO — Religion/Gospel
WKSH - WI, SUSSEX - Religion

1650 KHZ

KGXL - CA, TORRENCE - Nostalgia
KDNZ - IA, CEDAR FALLS - News/Talk
WHKT - VA, PORTSMOUTH - Religion

1660 KHZ

WMIB - FL, MARCO — Nostalgia
WQSN - MI, KALAMAZOO — Sports Talk
WWRU - NJ, ELIZABETH — Ethnic/Spanish
KAXY - TX, WACO — Sports Talk (only operating until Midnight CDT)
KXOL - UT, BRIGHAM CITY — Oldies (55-65)

1670 KHZ

WRNC - GA, WARNER ROBINS — Country & Western
WTDY - WI, MADISON - Talk

1680 KHZ

WTIR - FL, WINTER GARDEN — Travellers Information
WJNZ - MI, ADA — Rhythm & Blues/Rap
WTTM - NJ, PRINCETON — Sports Talk

1690 KHZ

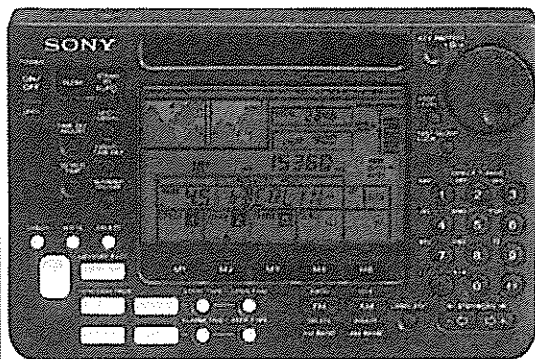
KDDZ - CO, ARVADA — Radio Disney
WMDM - MD, LEXINGTON PK — Talk/Sports

1700 KHZ

WRNU - FL, MIAMI SPRINGS — Sports Talk
KBGG - IA, DES MOINES — Talk

SONY

ICF-SW55



Enquire at an authorised **SONY** dealer

<http://SONY.co.nz>

- ◆ 4 Way Tuning (Direct Access, Autoscan, Manual Tuning, One Touch Memory Preset Tuning)
- ◆ 5-Event Timer
- ◆ Dual Clock (UTC, Local Time)
- ◆ Duct Speaker
- ◆ FM Stereo/LW/MW/SW
- ◆ Multiband Reception
- ◆ LCD Backlight
- ◆ New Visual Clock features bar graph selection of major cities for display of local time
- ◆ Rec Out Jack
- ◆ SSB Receivable (USB/LSB 2 Position)
- ◆ Station Name Display for Quick Station Access (max 25 pages)
- ◆ Tone Control

KQXX - TX, BROWNSVILLE - Spanish

KTBK - TX, DALLAS/SHERMAN - Sports

1630 XEUT Tijuana BCN Mexico finally logged at 0930 EDT 18 August with non-stop Jazz, some EE some SS. Identifies as "Radio Universidad". (Patrick Martin OR)

1660 WMIB Marco FL. Phil Beckman CE of WMIB is doing another test of the 10Kw rig from midnight EDT on September 12th. Reports should go to: mrradioguy@excite.com. His message is as follows : Greetings to you of the down under l-o-n-g wire! I will be crankin' WMIB up to 10kw in the wee hours of September 12, probably starting right at midnight EDT. Oh... I did get responses from the last test, but all Stateside. Texas, Mississippi and Virginia. We have also received reports from Sweden and Italy over the last few weeks. Love that expanded band! (Chris Martin)

1660 KAXY Waco TX is on the air, heard with a high school football game on 3 September. (Bill Hale TX via Pat Martin email)

1680 WTIR Wintergarden FL, heard very strong from California, way way over WJNZ with non-stop tourist & traffic info at 0345 EDT 4 September, lots of IDs as "TIR", Traveller Information Radio, etc. They must be on with 10kw. (Patrick Martin OR) Paul Ormandy has heard it too! Ed

1680 KAZJ Tacoma WA opening imminent, if the following message is anything to go by: "Thank you for checking out Inspiration Radio Group web site. KKMO AM 1680 is our newest station, Tacoma's Teaching and Talk. I am pretty much sure that your friend has heard our station. KKMO is currently on the air, and is also available at <http://www.inspirationradio.com>. Check it out for yourself, and let us know what you think,

God bless you, Elena Kazakova" (Robert Wien via Patrick Martin email)

WORLDWIDE MEDIUM WAVE NEWS

BULGARIA: 747 & 1224 foreign service outlets are now using full power of 500 kw (Arctic Radio Club via IRCA's DX Monitor)

CHILE Radio Familia del Maule, Talca, 1570. Friendly SS Verification Letter via e-mail for a s-mail report. V/s Manuel Yañez Gallegos, Gerente General. Has been on since April of this year (ex-Radio Campana) and runs 10kw. A envelope of goodies is on the way too. E-mail addr: myg36@cvmall.cl (Paul Ormandy)

COLOMBIA Changes to WRTH 99: 670 Antena Dos Medellin now 50 kW, 830, CARACOL Medellin ex R. Deportes, 1080 Radio Recuerdos ex CARACOL Medellin, 1120 CARACOL Bucaramanga ex Radio Net. Also of interest are new stations (5kw or less) with numerical call letters, such as HJR33 or HKV41, many of these are military-related in guerilla zones. (excerpts from an extensive rpt by Rafael Rodriguez R., Bogotá, via ARC via NRC's IDXD 9/99)

COMORES Per a visiting DXer there are no MW or SW stations on the air from this Indian Ocean island nation. (ARC via IRCA's DX Monitor)

CYPRUS Cape Greco 1233 will boost power from 600 to 1200kw by mid 1999. (Arctic Radio Club via IRCA's DX Monitor)

GERMANY Deutsche Telekom is installing the Mega Radio transmitter in Wobbelin on 576, tests were to begin 6/99. 612 will become Power Radio in summer 99. Mega Radio-693 Berlin will start 9/99 with 250 kw. Mega Radio- 1575 Burg was scheduled to start 1/99 with 500/200 kw (Arctic Radio Club via IRCA's DX Monitor) LW 153 & 177 will carry DLF-programs in the future and LW 207 & 261 will carry the DLR Berlin transmissions. (Mobi radio news, via Arctic Radio Club via IRCA's DX Monitor)

ITALY RAI-2 Milan is on 693 ex1035, Roma 846 is now 600/1200kw, Roma 1332 now 600kw (Arctic Radio Club via IRCA's DX Monitor)

LESOTHO According to "BBC On Air", the BBC World Service relay on 1197 in Southern Africa was to be discontinued in August. (Stefano Valianti in MWN,9/99 via NRC's IDXD)

MACEDONIA Deutsche Welle is building a new 1200 kW transmitter for 810 kHz to replace the present 133 kW one located at Ovchje Polje site near Skopje. This transmitter will be used for home service and DW programmes in Albanian, Macedonian, Bosnian and Serbian. Taken from the interview with technical director of Macedonian Radio, heard on DW Macedonian Service on 20 May. (Rumen Pankov via WWDXC in MWN 9/99 via NRC's IDXD)

MEXICO XEWA, La X, San Luis Potosí, new slogan as this station is relaying XEX 730, 24 hours/day. (Héctor Garcia Borge in Medium Wave News 9/99 via NRC's IDXD)

MONACO BBC World Service is testing on 702 at 0500-0715 & 1800-2115 UTC. (Arctic Radio Club via IRCA's DX Monitor)

NETHERLANDS It is expected that Longwave Delta Radio 171 will start transmitting in the summer of 2000. Joachim Fleury, CEO, says that the construction of the LW "Zender", beyond the 12 mile zone will start soon. Location is 35km offshore near Walcheren, Zeeland. According to Fleury, reception of DR 171 will be "middling" in the coastal regions of the Netherlands, despite the 2000kw. The United Kingdom is the main target area. The format will be the "Sky Radio" type and intended for the 15 to 35 age group. DJ's from the UK will present the programmes, using a computer with the playlist 'composed' in Amsterdam. The DJ's voice goes via ISDN to Amsterdam and is combined with the music tracks and sent out again via ISDN to the transmitter. All this more or less forced and in view of the juridical status of the

station. Original plan was 2000kw from Kootwijk on the Dutch mainland. (RN Media Network 8/99 and Spreekbuis, Medium Wave Circle via NRC's IDXD 9/99)

PERU Union Radio, Caracas 1090, v/s Maria Alejandra Lopez, Gerente de Produccion, friendly registered-mail Verification Letter in SS after three follow-ups. QTH: Av. Mohedano 42, Edif. Esplendor, La Castellana, Apto Postal 65598, Caracas 1061. They also have a web-site www.unionradio.com.ve and Real Audio available there. (Paul Ormandy)

POLAND "During a recent trip to the island of Oland I heard the two transmitters very well, 225 in the mornings and 198 in the afternoons. The new 225 transmitter is located at Solec Kujawski, near Bydgoszcz and will have a power of 1000kw when in full operation in September 1999. The 198 transmitter will be the old Raszyn using 600 kW (ex 225)." (Bengt Ericsson & Hard-core-dx via ARC via NRC IDXD)

RUSSIA Radio Rossi, St Petersburg has changed frequency from 873 to 801 with 600kw. The programme is relayed on shortwave from transmitters at St Petersburg-Popovka (9845kHz 0100-0600, 12045 0630-1700, 7445 1730-2100 UTC. (Timofeyev via MWN email via NRC's IDXD 6/99)

SAUDI ARABIA ?? "On August 22-23, I have heard a station on 1467 kHz in parallel with Saudi Arabia 1521kHz. The signal is much weaker than 1521 but clear. There is no satellite delay between the signals. 1467 signs off at the same time as 1521 at 2300 UTC with same ID and anthem. Is this a Saudi station or someone relaying the Saudi signal." (Steve Whitt, Medium Wave Circle (UK) via NRC's IDXD e-mail 9/99)

marketsquare@radiodx.com

FOR SALE - Yaesu FRG8800 HF, VHF coverage. Good condition, instruction book. Genuine reason for selling. \$550. Telephone Nev at 06-843-5439.

WANTED - One only copy of a 1956 World Radio Handbook needed to complete a set. Mine has disintegrated due to excessive use that year! Phone, Barry Williams 09 6279,070

For sale - "Equinox" baluns, 9:1 ratio housed in waterproof box, standard PL259 UHF plug connection, easily converted for two wire of 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

branch.news@radiodx.com

Southland

The AGM was held on the 28th of August at Paul & Gwen Aronson's residence at Wallicetown. The election of officers are as follows. President is L Boyer. Vice President E MacAskill. Secretary S Greenyer. Treasurer E McIntosh. Competitions committee: S Greenyer & E McIntosh. Stationary secretary L Robinson. Next, the yearly competitions were presented and are as follows: Best of the year Shortwave - P Aronson, Trans World Radio Swaziland 3200 kHz 140pts. Yearly competition. 1st P Aronson 969 pts. 2nd L Robinson 920 pts. Most verifications L Boyer 145 L Robinson 33. Most countries shortwave plaque. L Boyer 47. L Robinson 25. Broadcast. Best of the year. E MacAskill WMDM Lexington Park MD USA. 1690kHz 1kW 160 pts. Yearly competition L Robinson. Most verifications L Boyer 25 PAL Trophy. L Boyer

24. The meeting closed at 8.30 and then the monthly meeting followed. The usual business was attended to and in general Paul reported his progress with DOC. Laurie mentioned the inconsistency of the Times arrival. Well that's about it for now, 73's to all from Invercargill.

North Otago

September meeting had full attendance of members, this may have something to do with a fish & chip supper. Anyway it was also our AGM. Election of officers are as follows: President: Ray Davey. Vice-president: Paul Ormandy. Secretary: Peter Illingworth. Treasurer: Auther Finch. Newsletter Editor: Basil Jamison. Publicity Officer: Ray Davey. There was some bits and pieces discussed. We were informed that the programme Codenza was voted best programme on shortwave, worth tuning into.

Auckland

News for July and August meetings are included in this report. Both months had good attendances though it would be good to see more of the new faces who come along at odd times. Long time member Ivor Williams passed away on 20 July and, in respect for him, members stood for one minute. Ivor was a keen member, a long time ham and always ready to offer advice on technical matters. Yuri Muzyka is now a well qualified technician and gave a talk on Winradio developments. Bryan Marsh and Barry Williams demonstrated a Hallicrafters receiver and the latest Kenwood transceiver respectively at the August meeting.

The August meeting was the branch's AGM and comprised the usual matters, such as election of officers, setting of 1999/2000 subscriptions, donations to Western Suburbs Amateur Radio Club (who supply our meeting venue) and to Branch DXpedition members for their accommodation. The positions of President, Secretary and Treasurer remained as they were for the last year, while Tom Rushbrooke and Malcolm Holmes comprised the remaining committee with Barry Williams as Auditor. Daniel Bloomfield gave his Presidential address outlining the previous year's activities of guest addresses, visits etc. The visit to the Air New Zealand Maintenance Base was the highlight of the visits, and drew a record number of members. Phil gave a worthwhile report of financial matters, showing a small surplus for the year.

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

SUBSCRIPTION TIME! If your mailing label this month still reads 31/08/99, this could be your last copy of the 'NZ DX Times' unless your subscription is in the mail or will be soon. Please help us to keep the club going and keeping you informed about radio happenings around the world! There is a worldwide trend for clubs such as ours, indeed for most hobby-type organisations, to have declining membership. But the Administration Committee believe that there's still sufficient interest to justify all the voluntary hard work that goes into producing the magazine and other club services. All you have to do is send in information you wish to share with fellow members, or even just renew your subscription to keep the hobby alive for you, and recognise the efforts others put into sharing radio news with you. So how about it? Renew today....

WELCOME TO THE FOLLOWING NEW OR REJOINING MEMBERS ... DALLAS MCKENZIE, Flat 2, 74 Champion Street, Christchurch 8001 and JOHN McCLELLAND, 4 Saunders Street,

Brockville, Dunedin. Dallas was very active in the League's Wellington Branch back in the sixties, and was last a member in the early eighties, since when he has been overseas, including a long stint at New Zealand House in London. John is keen on listening to international air traffic and would be pleased to hear from other Otago members with similar interests.

WITH REGRET we report the passing of Dunedin member **CON STIGLISH** on 20 August. **TVNZ SCORES BIG IN AUSTRALIA** Television New Zealand has recently won almost NZ\$150 million in business after securing a 5-year contract to maintain Australia's recently privatised transmission network. The deal involves operating and maintaining broadcasting sites for ABC and SBS TV and radio services throughout Australia.

RADIO NORTHSEA INTERNATIONAL, a European shipborne broadcaster (that was audible as far away as NZ back in the early 1970s on both shortwave and medium wave) was back on the air last month in a special fundraiser for the Royal National Lifeboat Institute. A very low power transmitter located in an old Trinity House Lightship anchored off Clacton-on-Sea, broadcast on 1575kHz AM for 28 days. Despite the low power the RNI signal was heard as far away as Newfoundland by DXer Dr **JEAN BURNELL**. Thanks to Auckland member **WINSTON LASHLEY** for the background information.

SOUTHERN CROSS DX CLUB We are sorry to report that our South Australian-based colleagues at SDC have decided to close the club after 26 years, due to a lack of administrative staff and a decline in membership. This per **STEPHEN NEWLYN**, editor of the club's "DX Post" magazine.

SONY ANTENNA The successful tenderer for the Sony LP AN1, donated to the League by Sony NZ Ltd was **TOM MOYLAN** of Invercargill. Tom uses Sony ICF 7601 and Sony 2001 receivers. Thanks to all who bid.

BERND SAYS GOODBYE Hawkes Bay member **BERND HENNING** writes that ... "Since nearly 3 years I have been a member of the NZRDXL. Now I'm going back to Germany and have to say good bye and thank you very much for your support during my stay in New Zealand. The DX Times was always a excellent source of information around the hobby. I wish all of you the very best for the future and may the shortwave hobby survive against the huge internet competitor." Bon voyage Bernd!

1999 ANNUAL GENERAL MEETING The League's AGM will be held this year on Sunday afternoon, 31 October, commencing at 1.30pm. Venue will be the Western Suburbs Amateur Radio Clubrooms at 3000 New North Road, right next to the Whau Creek Bridge in New Lynn, Auckland. As well as the usual AGM activity, there will be a mini-auction. To assist with catering, members should let **EVAN MURRAY** or **BARRY WILLIAMS** (contact details on the back cover) know of their intention to attend. Remits or items for the Agenda need to be notified to Evan, no later than 5 October, so that branches can be pre-circulated. 5 October is also the deadline for branch annual reports and financial statements to be received.

COMPETITIONS SECRETARY Expressions of interest in taking on this position are invited. The current secretary **PAUL ORMANDY** is 'retiring' in October. Please contact League President **BARRY WILLIAMS** for further information.

CORRECTION Ooops.... In this column last month we mentioned the recently published "On the Shortwave" publication, but gave the author's name incorrectly. Prominent American DXer Jerry Berg, or more formally **JEROME S. BERG**, wrote this important radio book. To put the matter right, a book review by Richard D'Angelo of the Association of North American Radio Clubs follows...

On The Shortwave, 1923-1945: Broadcast Listening in the Pioneer Days of Radio

by Jerome S. Berg - ISBN 0-7864-0506-6 - McFarland & Co., Inc. Reviewed by Richard A. D'Angelo

Every once in a while, a special book arrives in the book stores that is a "must have" for the radio-monitoring enthusiast. On The Shortwaves, 1923-1945: Broadcast Listening in the Pioneer Days of Radio by Jerome S. Berg is just such a book. Written by well-known North American DXer "Jerry" Berg, a current member of the North American Shortwave Association's ("NASWA") Executive Council, past NASWA Log Report editor and lifelong shortwave listener, the book covers shortwave broadcasting and early shortwave broadcast listening.

Jerry is also well known for his work as Chair of the Committee to Preserve Radio Verifications ("CPRV"), which is a committee of the Association of North American Radio Clubs ("ANARC"). Shortly after founding the CPRV, Jerry's committee work expanded into general research into the early days of radio broadcasting and listening. This combination lead him to putting pen to paper and developing a book that captures the thrill and excitement of the early days of radio broadcasting, radio listening and DXing. The book is the product of extensive scholarly research into the history of medium wave and shortwave radio broadcasting and listening and the events surrounding that period. I can highly recommend it to anyone with an interest in the early days of radio and shortwave radio in particular.

On The Shortwaves, 1923-1945 begins with a review of broadcasting's roots and the growth of medium wave DXing, which was the foundation for the future development of shortwave DXing. The first "wireless" experiments and the efforts of experimenters and inventors such as Marconi, De Forest, and Armstrong are detailed. The story moves into shortwave broadcasting and shortwave DXing through World War II. There are numerous references to the popular radio literature of the 1920-1940 time period, such as, Hugo Gernsback's "Radio News" and "Short Wave Craft" magazines and the ever-popular "Radex" magazine. There are numerous QSL illustrations taken from the archives of the CPRV collection. In his book, author Berg has conveyed the flavor of the mystery and the magic of shortwave radio's early years. The book is divided into eleven chapters plus endnotes, a reading list and an index. The chapters are entitled: Broadcasting Roots, Distance, The Arrival of Shortwave, Stations of the 1930s, Shortwave Broadcasting in the United States, Reception, The Popular Shortwave Press, Organising, Verifications, Stations and Voices of War, and Listening in Wartime. The book was written to appeal to those with an interest in shortwave broadcast history and the early days of DXing. The early days of the listening hobby were quite different from today's environment. Consequently, the book provides an intriguing contrast between DXing at the close of the millennium and the early DXing movement.

The book covers numerous topics in its eleven chapters. Readers will enjoy coverage of the radio personalities during the early days of radio broadcasting. There is extensive discussion about frequency utilisation and interference, early shortwave literature, receivers, antennas, set building, early shortwave broadcasters in the United States and around the world, the birth of the Voice of America, clubs, government and private monitoring, broadcasting during World War II, clandestine radio and listening during wartime. Collectors of vintage radio equipment will find the material on receivers particularly interest-

ing as well as the many reproductions of radio advertising from that time frame. Today's hobby club members will find the chapter devoted to the formation and emergence of the early radio club's very interesting. The Newark News Radio Club, the National Radio Club and the International Short Wave Club were the pioneer organisations in the sharing of DX news and information. Clearly, *On The Shortwaves, 1923-1945* extensively covers the growth and development of this fascinating medium like no other work before it.

Over the years, numerous DXers and shortwave listeners, myself included, have gotten to know Jerry Berg. As Chair of the CPRV and an avid fan of radio history, Jerry has accumulated a wealth of radio broadcasting history, both medium wave and shortwave. Often at radio gatherings, hobbyists get to listen to Jerry telling stories from the early days of radio broadcasting while leafing through one of the many CPRV albums of QSL cards and letters from the early days. These discussions usually perk one's interest in the subject matter. Thankfully, he took the time to put together this terrific book which captures so much of the flavour of that time period from a listener's perspective. What sets this book apart from any other books written about the early days of radio broadcasting is that a radio hobbyist, with the insight of a true radio hobbyist, has written this one. *On The Shortwaves, 1923-1945: Broadcast Listening in the Pioneer Days of Radio* by Jerome S. Berg is a 272 page, hardbound (7 x 10 inch) book, which includes 157 photographs and illustrations. It is available direct from the publisher (McFarland & Co., Inc., Box 611, Jefferson, NC 28640) for US\$42.50 plus US\$4.00 shipping and handling in the United States and US\$6.00 elsewhere. Also, orders may be placed by telephone (1-800-253-2187) or FAX (1-336-246-5018) or through the publishers' website <<http://www.mcfarlandpub.com>>. Orders can be charged to VISA, MasterCard, AMEX, or Discover cards. The book is also available via other Internet booksellers.

On The Shortwaves, 1923-1945: Broadcast Listening in the Pioneer Days of Radio is one radio-related book that needs to be in every listener's library. With the summer months coming up, this may be a good time to dig into some terrific hobby reading. Definitely, it is a "must read" for every radio enthusiast.

tv.fm@radiodx.com with Brian Withers in Taradale

Your editor has logged the following: REV FM 89.9, The Edge 94.0, Life FM 96.3.

STATION NEWS

REV FM Gisborne 89.9 switched from 98.9 to open on 7 September at 10.15am after 6 months off the air.

Solid Gold using in South Island 90.20 Dunedin, 98.00 Invercargill & 1260 Christchurch & Wanaka 1179. By Xmas to be on in Alexandra/Queenstown & Nelson. The Edge on 89.00 Christchurch, 91.8 Dunedin, 97.2 Invercargill. The Rock 93.70 Christchurch, 93.40 Dunedin, 90.80 Invercargill.

C93 Christchurch now using Hot AC format.

Kahungunu R to switch to 94.30 from 765 Napier soon.

Auckland IWI to use 96.80 before end of September.

More FM Waikato started 9 August on 92.00.

Vision 100FM will be launched January 1 2000 in Palmerston North & will be 100 per cent

KIWI. Right now it is broadcasting live on the Microsoft radio page.

Southern Star switched from 88.50 to 88.40 in Taupo.

Chill FM testing until start date of 20 September on 100.4 with Rock format. via James Johnston.

Trail from your editor:-

89.90 REV FM heard daily poor.

94.00 The Edge heard very weak all day 8.9.99 with other New Plymouth FM. Also so Life FM 96.3 very weak heard with other Palmerston North FM.

Send news & Log's to PO BOX 7072 TARADALE 4030 OR DX TIMES PO BOX 3011 AUCKLAND

Going Loopy - By Kelvin Brayshaw

For the last few years I've been dabbling with lengths of wire that ended up becoming full-wave HF loop antennas. My 'experiments' have been based on the 'cut-and-try' method, and I've usually had a dipole in the backyard to compare results. If the loop exceeded, or filled gaps in the dipole's performance, it had a good chance of surviving for a few months, or until the next bright idea came along.

Various magazine articles stated that loops could provide good reception at low heights, didn't mind being close to other physical objects and tended to have a low noise level. As a move to a smaller property in a few years was a real possibility, this seemed to be the way to go, and subsequently I was very interested to read Cliff Couch's DX Times article on his experiences as an SWL in a retirement village setting.

In the early 90's I tried (without much success) a half-wave, open, delta loop during an 80 metre Ham contest. More recently I've had better results, as an SWL, with horizontal full-wave 40 metre & vertical 20 metre loops. The latter was made using the outer braid of 50 ohm coax for the whole antenna, giving quite adequate results across a number of bands.

My latest construction owes more to Cliff Couch (for its shape) and Paul Ormandy (for its termination) than to any technical skills on my part. "It" started life as two separate 40 metre full-wave loops, mounted under the eaves of the garage (timber). PWO told me about the possibility of rectangular loops having some directional properties, so I had a feed on one corner, and a termination to ground at the opposite corner, through a variable resistor, on the 90°/270° diagonal, and the other on the 150°/330° axis.

While they were showing directional trends along their axes, they weren't giving much improvement over anything the dipole (with 1:1 baluns at each end of the coax) could produce in signal reception or noise rejection. Sooner or later they had to face the inevitable.

What has resulted is a "double loop" fed at one corner (90° bearing) with coax, the inner going to loop 'A' and the outer to loop 'B'. The opposite corner of the loops (270°) are parallel terminated (i.e. the loops are not "open") to ground through individual 5k ohm variable resistors, which are adjusted to match the frequency.

There are enough permutations of this arrangement to keep even the most avid tinkerer happy for hours. I'm content for the moment to keep the pots set around 3k ohm, and enjoy better signals for on 16 & 20 metres than my dipole is able to deliver.

The loops are spaced 20 cm apart and average 2.4 metres above ground-level. With the right coloured wire they're virtually invisible to the neighbours!

Promote the DX League on the Internet - use your free @radiodx.com e-mail address!

QSLING LATIN AMERICA – A PERSONAL SURVEY

by Ian Cattermole

As reception from Latin America is currently the best that I have ever experienced, I thought it may be a good time to do a bit of a survey on the reply success rate (or lack of it) on these stations.

REDE GLOBO

Mr. I.L. CATTERMOLÉ
 Address 213A SCOTT Street,
Blenheim New Zealand. ~~New Zealand~~

Confirmamos e agradecemos seu report de nossa emissora, Rádio
 Globo de S.P. em 6,125 MHz 49 m.

Radiodifusora Nacional
 DE
 COLOMBIA

17.650 kHz Banda FM/14. 4.935 kHz Banda:
 11.625 kHz Banda FM/14. 9.635 kHz Banda
 New Frequency 4.935 Kc.

Q.S.L.

Nombre / Name I.L. CATTERMOLÉ
 Dirección / Address 213A Scott Street
 Ciudad / City Blenheim
 País / Country NEW ZEALAND
 Fecha / Date 06 July 1983

ERICSSON
 INSTITUTO NACIONAL
 DE RADIO Y TELEVISIÓN

Since commencing serious DX in 1976, the radio stations of Latin America have always had a special appeal to me and I have spent countless hours chasing them over the years. I have tried with IRCs and changed to US one dollar notes and back to IRCs. It appears to make little difference to the return rate.

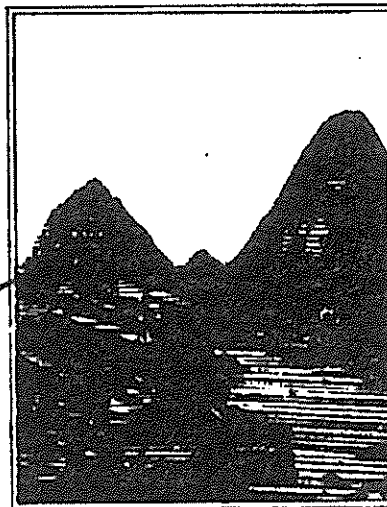
TARJETA DE VERIFICACION

Confirmamos su recepción de fecha . . 21 . . .
 de . . MAYO de 19. 83 . . . de nuestra
 emisora. Onda Media OBZ-4-N, 880 Kcs.,
 con potencia de 50 Kwts., Onda Corta
 OBZ-4-O, 6.115 Kcs., con potencia de 10
 Kwts. La que encontramos correcta y
 conforme a nuestra programación.

Siempre a sus órdenes

De sus Attos. y Ss. Ss.
RADIO UNION Y TELEVISION S.A.

RADIO UNION Y TELEVISION S.A.



**MACCHU-PICCHU
 PERU**

Lima-Perú .08 . de . . JULIO 19 .83

Last year I experimented with 8 new Peruvians and sent no return postage at all to see what would happen!! Result. One only reply so I guess there is a message there!! For Brazil, I only use English and to all others, Spanish. The return rate is about the same. I have never sent out a follow-up, preferring to wait until and if I hear the station again and re-log it and send a new report completely. I have been successful with this approach on a number of occasions. One Brazilian took me 4 reports to get a reply.

For the purpose of this survey I have included only domestic stations, omitting internationals such as RAE, Radio Nacional/Voice of Chile, HCJB, R.Havana Cuba and Radiobras.

This includes reports sent out up till the end of 1998 only. I sent some 45 odd out to new stations this year, mostly over the past 8 weeks and none of these are included in the totals listed here. Given the slow reply time of most Latins, I would still expect to improve my return rate slightly. Time will tell. Now for the survey:

Country	Reports	QSLs	Country	Reports	QSLs
ARGENTINA	13	9	GALAPAGOS	1	0
BOLIVIA	20	10	GUATEMALA	5	2
BRAZIL	115	53	HAITI	2	2
CHILE	14	4	HONDURAS	3	2
COLOMBIA	47	19	MEXICO	12	8
COSTA RICA	31	29	NICARAGUA	4	2
CUBA	1	1	PERU	51	24
DOMINICAN REP	5	0	PARAGUAY	2	1
EL SALVADOR	1	1	URUGUAY	4	3
ECUADOR	31	10	VENEZUELA	26	14

TOTAL — 387 stations reported, 190 verified

There you have it. About 50% return rate. Still, I am prepared to accept that as I do get a lot of pleasure out of reporting these stations.

STEAM RADIO - via Barry Williams

In 1907 Marconi's mighty Clifden station was powered by steam engines totaling 1100 horse-power.

To establish a wireless telephony link across the Atlantic with his station at Glace Bay, Canada, Marconi in 1907 built an unprecedentedly powerful 300 kilowatt transmitter at Clifden in the west of Ireland. He used steam engines developing a total of 1100 horsepower to drive high voltage direct current generators which operated in conjunction with his newly invented high power "disc discharger". His 1.16mfd capacitor consisted of 1800 sheets of galvanised steel, 9m x 3.8m, suspended from insulators and separated by a wide air space. It operated reliably at 80000 volts and occupied a huge building over 100 metres long. The directionally aligned antenna stood 62 metres high and utilizing over 18 km of wire, covered an area of one twentieth of a square kilometre. Owing to the remoteness of the site the only access was by means of its own light railway. The steam engine had at certain seasons to be fired by peat dug from the surrounding bog. The station operated successfully until 1921 when it was blown up by Irish rebels.

Promote the DX League on the Internet - use your free @radiodx.com e-mail address!

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 Pavverd

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

© All material contained within this magazine is copyright to the New Zealand Radio DX League and may not be used without written permission (which is hereby granted to exchange DX magazines). Where such permission is given, acknowledgement of the NZ DX Times and the original contributor is required.

Advertising Rates:

"Marketsquare" members advertising is \$3.00 payable in advance.

Commercial rates on request.

Support your magazine by mentioning the DX Times when replying to advertising.

Postage Paid
Porirua, NZ
Permit No. 27



31/12/2010

BRYAN D CLARK
12 BONGARD ROAD MISSION BAY
AUCKLAND 1005

NZ DX Times
PO Box 3011
Auckland
NEW ZEALAND

