



talkback@radiodx.com with David Ricquish, Wellington

Ralph Sutton, Wellington reminds Wellington area DXers (and visitors to the region) that the former Radio NZ receiving station at Quartz Hill is now an amateur radio DX site. Operated by the local Wellington NZART branch, the site has accommodation and power, and a marvellous array of aerials.

Until 1996, Quartz Hill was used for monitoring MW/SW signals for Radio NZ. It's almost 1000ft above sealevel, located on the western coast near Makara. NZRDXL members are welcome to use the facilities through membership of the Quartz Hill User Group. League member Ralph handles bookings and inquiries. Write: 12c Herbert Gardens, 186 The Terrace, Wellington, T: 04 473 0847, call ZL2AOH or email: Sir_Lancelot@compuserve.com

Phil van de Paverd, Auckland has some useful links. With some help from Tom Rushbrooke he suggests checking out www.intervalsignals.com for a long list of stations, including domestic, external, clandestine etc. Tune into the station, get frequency lists, live audio or other info about the station.

There's also a pre-recorded list of interval signals, IDs in various languages, signature tunes and national anthems. Ideal stuff to ID unknown catches. Phil also recommends www.latinworld.com/radio for those interested in Latin music.

The Committee on Democratic Communications is a San Francisco group leading the 'fight for microradio' in the USA. Recently, the FCC has started calling for applications for thousands of new LPFM (Low Power FM) stations. All have a maximum power of 100 watts and must be non-commercial educational or TIS stations. In the Pacific area, the June batch includes the Mariana Islands. In November, American Samoa and Hawaii applications are opened, followed by Guam in May 2001. There's a challenge for our FM members! More info at www.nlgcdc.org (via MediaWatch).

Tonga also welcomes new stations. Radio Tonga has been granted a TV channel, and is planning FM repeaters at Vava'u and H'apai islands. Oceania Broadcasting Network gets a second TV channel, plus a new FM radio network for Nuku'alofa and other islands. (Matangi Tonga Magazine). Meanwhile, TV Tonga is another new station, run by the Friendly Island Broadcasting Network. They begin streaming video TV direct from Nuku'alofa shortly at www.tvtonga.com.

Firm FM 100.8 FM Wellington has been on-air for 9 months now. Run by two local club DJ's the station promotes new tracks for other DJs, and is co-located with Firm Records at Shop 6, 120 Victoria Street, Wellington. A power boost is expected soon, format is dance

Contribution deadline for next issue is Wednesday July 12th - PO Box 3011, Auckland

music. Check out www.firmrecords.co.nz (City Voice).

Paul Aronsen, Invercargill is editor of Southland DX Digest the local rag for DXers which will soon celebrate its 64th continuous year of publication since starting in 1936. Now available from Paul via email, it's an ideal way for present and oldtime Southlanders to stay in touch with the local branch news and events.

Paul Ormandy, Oamaru writes: Over the past 26 years I've been a fervent hunter of QSL's. I've had a persistent attitude, used consulates, embassies, visits, emails, Prime Ministers (ZNS Bahamas) and would attempt to QSL every station I heard. Hold on to copies, send follow-ups, USD, tapes, IRCs, souvenirs and pursue stations for 10+ years. It's cost me an arm and a Watkins Johnson probably! However, I've been reappraising my attitude over the past year.

(1) Proof: in all my years of DXing, only one person has said 'show me your QSL as I don't believe you'. (2) NZRDXL competitions used to be hotly contested. No longer, and the incentive to QSL has gone too. (3) Collecting QSLs in albums no-one asks to see, and the novelty value of 3000 QSLs is wearing thin. (4) Achievement is one area I can focus on, like 250 Latins on MW. (5) If a station asks for reports and offers QSLs, I'll reciprocate. The upshot is I guess I'll maintain an audio ID database on the PC and chase the odd QSL to treasure. I still get a kick out of hearing rare stations and love DXpeditions with a technical approach to new aerials and devices. I also enjoy sharing my beverage site with visiting DXers!

Commonwealth Broadcasting Association (www.oneworld.org/cba/) news for the month includes: Solomon Islands Broadcasting Corporation continues to transmit normally despite reports of the station being taken over by armed militants in the Honiara coup attempt. (However, Gizo has been occupied by a third militant group and the 945 AM situation is unclear) (Radio Australia). SW listeners check 5020 SW for live transmissions from the new transmitter mentioned last month.

AIR Delhi launches a new digital radio service for Middle East/NE Africa via WorldSpace on August 1 (Deccan Herald) and, the South African Broadcasting Corporation launched Radio Sonder Grense (RSG) with a multimedia platform of radio, internet, TV and WAP (Wireless Application Protocol) on May 19 (SABC). Details at www.rsg.co.za

Barry Williams, Auckland checks in: George Beardsmore's recent comments about striking the 'right night' brought back a few memories of my own. Over the years, I've experienced quite a few memorable DX occasions, but two in particular were special.

The first one was back in June 1958 while spending a few days DXing at Claydens farm at Whangaparaoa. This was in the days when Yank BC stations had 'tone tests' usually on a Monday night NZ time. Normally, it was lucky to hear one or two new stations testing, but this night, in a matter of an hour, five stations were ID'd and logged. Four of them were 250 watters and the other a 500 watter! As George said, the band was full of DX, but one had to concentrate on certain frequencies to get IDs as signals floated up and down.

The second was a DX weekend Jim Gorman and I had at Parau, on the northern shore of the Manukau Harbour. A DX Convention was held there in the early 1980s. In July 1982, we heard Yaounde 4850, Cayenne 5050, Lebanon 6215, Rio Muni 4925, Conakry 4910 and a 1kW Angolan in Cabinda on 4970. A very good weekend's DX in anyone's logbook! But, what made the weekend extraordinary was the signal from Radio Apinte, Suriname on 4995. This station, always a difficult logging was word perfect at speaker strength for 3 hours! We both sat there in amazement! It's moments like these that make the hobby so fascinating.

Singapore Press Holdings gets two new FM radio networks and two new free-to-air TV channels in a loosening up of media control in Singapore. They publish ten newspapers. State owned broadcaster MediaCorp gets the right to publish a newspaper at the same time. (AsiaMedia at www.asiamedia.ucla.edu)

After many years, the Pacific Radio Heritage Collection (c) project has finally got underway. This is initially based on my own collection of Pacific radio material and visits to various stations from Hawaii to Tahiti to Norfolk to Noumea and more in between. With the help of webmaster Paul Ormandy, the PRHC is hosted at www.radiodx.com/spdxr and will feature an ongoing release of previously published and new articles about Pacific radio.

The first article is WXLE Memories, the story of WXLE 1385. This has quickly attracted help from DXers in the USA who've supplied rare photos of the studio caravan, studio console and 'that' 250 watt transmitter. Another WXLE article is being prepared, based on an exclusive on-line interview with one of the WXLE DJs. An audio clip of a WXLE ID from Chris Martin has added another dimension to the Canton Island site. In many ways, this is a test article, to see how DXers and others respond so we can be prepared as other articles are released.

The PRHC is ambitious: I plan to bring together every known article about Pacific radio ever published onto the one site, plus commission others. Author permissions and copyright clearances are already underway, and we have something like 20 articles in the schedule with Paul Ormandy's ZK2ZN Sunshine Radio Niue already on site. Radio Vemerama, KMTH, the WWII Mosquito Network, KUAL, Radio Norfolk and 2AP are amongst others in preparation.

You can help. Check your Pacific QSL letters, cards and collections for interesting items, magazines for articles, even books (we're getting clearances of excerpts about Hawaiian Radio and 'Hawaii Calls' the famous radio show from a major reference book) and tapes of rare recordings (like Radio Fiji on SW from the 1960s and early 1970s) and write and tell us what you've found. We'll also be accessing the NZRDXL Archives in Dunedin. Plus sources in Australia, the USA and other locations.

In the meantime, write to Pacific Radio Heritage Collection (c) c/o David Ricquish, PO Box 14339, Wellington, New Zealand or email talkback@radiodx.com and we'll contact you about your material. This project relies on the goodwill of many people in the DX hobby and beyond. We'll have some clear protocols for handling material ready shortly. For those without web access, PRHC material will steadily be licenced to hardcopy publications such as magazines, and several books are planned for 2001.

A reminder that Talkback is your column, a place to talk about the hobby and that your thoughts and views are very welcome. The mailbag has room for more news and views for July!

In the meantime, Paul Ormandy's South Pacific DX Report continues to be broadcast with David Miller in Dunedin (every second Sunday at 8:30pm on the NUU Country program, Hills AM 1575); David Ricquish in Wellington (now at the new time of 12:20pm every second Saturday on Access Radio 783 AM) and David Norrie in Auckland (every second Friday at 1:05pm on Access Radio 810 AM). Let your friends know and listen yourself for the latest in SW news.

This month, my station of the month is Radio Monte Carlo, Monaco. From studios in the Blvd Princesse Charlotte in this small Mediterranean principality, the Italian Service features contemporary Italian pop and American soft jazz music for listeners across the French

Riviera, Italy and parts of southern Switzerland. In Monaco, 106.8 FM carries the signal. You can listen live at www.radiomontecarlo.net using WindowsPlayer. It's much cheaper than visiting there! Enjoy. Ciao.

editorial@radiodx.com with Andy Gardner, Mexico

Another quick note this month. My sincere apologies for the lateness of this issue. Having had to knuckle down and start providing for a family (instead of wandering the world living on the smell of an oily rag) has reduced the time available for non-income-producing work, like producing the DX Times. I am working with admin in regard to this, so we hope it will be a short-lived problem for the magazine. Many thanks again to those who continue to provide interesting articles for the magazine, keep up the good work, guys! Please note that the closing date for the July issue has been put back a week to allow everyone time.

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

Welcome to this month's 'Shortwave Report'. As always, times in UTC and frequencies in kHz. Your contributions are welcome: by email to shortwave.report@radiodx.com, or post to 8/81 Kelleway Ave, Nicholls, ACT 2913, Australia. Acknowledgements: Cumbre, BCDX Top News, Glenn Hauser's DX Listening Digest (DXLD), HCDX — Hard Core DX, and others as cited. Good listening!

ANTIGUA: I was reading about Deutsche Welle's use of 6160 via Antigua to the Pacific in English at 0900-0945. This freq has been in use for many years now, yet even with the high MUF levels, and RNW-Bonaire heard on 9 MHz, etc. I wonder as to why DW's technical people isn't giving any thought to using a higher freq for this txion? When DW started using Antigua to the Pacific for the English broadcasts, back in 1983 or so, it was using a 9 MHz channel, and I think they also tried an 11 MHz channel too. Now for quite a long time they have been sticking with the 49 mb, and yes in AUS/NZ there is some interference noticed on the channel. When the B00 schedule goes into effect at the end of Oct, I hope that DW will have a better choice of freq and thus reception quality of the 0900 broadcast will be improved. (Joe Hanlon-USA, BCDX) What's the view of listeners in this, the target region? (Francis)

AUSTRALIA: The UK-based religious broadcaster, Christian Vision, has won the lease for the former Radio Australia transmitters at Cox Peninsula near Darwin. CV will operate the site under a 10-year temporary lease. They outbid Merlin for the rights. There has been a huge political furore in Australia over the government decision, particularly the loss of the site for use by RA. Christian Voice plans to commence broadcasts within a few months, targeting India with plans for several hours of English and Hindi programming each day. CV also operates from Zambia and Chile. (Francis)

CANADA: Current data on Canada's 49 Meter SWBC stations: CFVP (Independent) 100 watts, Calgary Alberta Canada, 6030 khz, Relays: CKMX 1060 AM, 24 hours per day. Address: PO Box 2750, Station M, Calgary, Alberta, Canada, T2P-4P8. CFRX (Independent) 1 kw, Toronto Ontario Canada, 6070 khz, Relays: CFRB 1010 AM, 24 hours per day, Xmtr: Elcom Bauer, Antenna: Omni. Currently CFRX is experiencing audio problems, resulting in low audio output, the xmtr is being "driven hard" at 1.25 kw. Address: c/o Ontario DX Association, PO Box 161, Station A, Willowdale, Ontario, Canada, M2N-5S8. CHNX (Independent) 50 watts (500 watts nominally), Halifax, Nova Scotia Canada, 6130 kHz, Relays: CHNS 960 AM, 24

hours per day, Antenna: 1/4 wave Dipole, v/s Scott Snailham (Evening Producer) is a SWL. Address: PO Box 400, Halifax, Nova Scotia, Canada, B3J-1K1. CKZN (CBC) 1 kw, St. John's Newfoundland Canada, 6160 khz, Relays: CBN 640 AM, 0000-0406 GMT 0825-0000 GMT (24 hrs except 0406-0825 GMT), Xmtr: Elcom Bauer, Antenna: Dipole with reflector aimed North to the Labrador Sea/North from St. John's, for off-shore fishermen and Labrador residents. Local programming from Goose Bay studio's 0830-1130 GMT, Engineer Keith Dunford is a SWL. Address: PO Box 12010, Station A, St. John's, Newfoundland, Canada, A1B-3T8. CKZU (CBC) 1 kw, Vancouver British Columbia, Canada, 6160 khz, Relays: CBU 690 AM CBC Radio 1, 24 hours per day, Xmtr: Elcom Bauer, Antenna: Dipole. Address: PO Box 4600, Vancouver, British Columbia, Canada, V6B-4A2. Return postage is always gratefully appreciated. (Talbot, in Cumbre)

GERMANY: High Adventure Ministries Voice of Hope broadcasts from transmitters in Lebanon have been relocated to transmitters at Julich following the Israeli withdrawal from south Lebanon in May. The station continues to operate on FM and have studios in Metulla, Israel. Broadcasts that took place on 6280, 11515 and 11530 kHz have been discontinued and replaced by: 0800-1200 21590 (Middle East), 1200-1600 21460 (Middle East), 1700-2100 11985 (Europe, Africa) (Ludo Maes, HCDX)

GREECE: Updated schedule for Voice of Greece: 0000-0350 7450A, 9420K 12110K, 15630A; 0400-0550 7475K, 9375K, 11645A; 0600-0700 7475K, 9375K, 9420A, 15630A; 0700-0800 9375K*, 9420A, 9775DL*, 15630A, 15650K; 0900-0900 9420A, 15630A; 0900-1000 9420A, 9770DL, 15630A; 1100-1200 9420A, 15630A; 1200-1800 9420A, 15455DL, 15630A; 1800-2200 17705DL; 1800-2050 9420A, 15630A; 1900-1950 7475K, 9375K; 2000-2050 7475K; 2000-2055 17565GA; 2055-2200 7455A, 9375A, 17565GA; 2200-2250 9375A, 12105A; 2300-2350 7475K, 9380K, 9420A, 12105A. A = Avlis, K = Kavalla, D = Delano, GA — Greenville. * carry English news (DXLD)

INDONESIA: 9614.3 RRI Samarinda 0305-0330 News ending at around 0310 with 'usual' RRI end-of-news music Bagimu Negeri (not census song heard ad nauseam on RRI at present), then census song with voice-over by male encouraging people to register for census, followed by ID 'Radio Republik Indonesia Samarinda Programa Regional Satu'. Then into programme of talk, music and patriotic songs, and another clear ID at around 0329. Off at 0659, also noted 9 June on by 0105. Possibly a recent reactivation as I don't recall hearing it myself or seeing it reported recently. Excellent daytime signal here, but with some intermittent audio/modulation problems. (Davies, in Cumbre)

JORDAN: New frequencies for Radio Jordan 0300-0500 13630 (ex 9630), also on 11810, 15435; 0500-0715 11960 (ex 11835), also on 11810, 15435. (Ivo Ivanov, Observer — Bulgaria, in BCDX)

MOLDOVA: Radio International, anti-Iran station, operates via Grigoriopol site, daily on 15550 1700-1730 in Farsi (formerly on 15560 1730-1800). (Ivo Ivanov, Observer-Bulgaria, in BCDX)

NIGER: 5020.8 La Voix du Sahel, Niamey, 2150-2202*, reactivated after 5 months absence, news in French, flute and Muslim prayer, closing announcement with ID, flute and National Hymn. Very strong 45444 (Petersen Jun 8) 5020.9 La Voix du Sahel 2247-2303* Hi-life music with brief announcements by a male, until Koran recitation by male at 2257. Sign off announcement at 2301, followed by IS and choral national anthem. S5 signal. (Maroti Jun 10) Both reports courtesy of Cumbre! (Francis)

NORTH/SOUTH KOREA: Following this month's historic summit meeting between the

leaders of North and South Korea, there has been some speculation about the future of the propaganda broadcasts that each side directs at the other. The BBC reported "South Korea is suspending all anti-North Korean propaganda, ... And South Korean monitors said North Korean radio stations had dropped reports on South Korean affairs which contained fierce denunciations of the Seoul government." (Hans Johnson, Cumbre, 16 June). But the various stations were still on air a day later according to Sonny Ashimori in Japan — although the rhetoric had been toned down. Perhaps a good opportunity to tune in these stations before the march of history overtakes them. Schedules courtesy of the Asian Broadcasting Institute (Japan) website: [Radio Echo of Hope](#) broadcasts from South to North, 1500-1800 3985, 6003; 0300-0600 3985, 6348; 0900-1200 3985, 6003; 1200-1500 3985, 6003. [Voice of the People](#) (South to North) operates 0300-0700 6518, 6600; 1100-1900 3881, 3912. [Voice of National Salvation](#) (North to South) 0300-0700 1053, 3480, 4450, 4557; 1000-1700 1053, 3480, 4120, 4450, 4557, 6010 (until 1400); 2000-0030 1053, 3480, 4450, 4557 and 0030-0100 1053, 3480, 4450, 4557 (English).

PAPUA NEW GUINEA Survey at 1100-1200+ over the last week-2410 Radio Enga untraced, off?; 3205 Radio Sandaun on, irregular after 1200; 3220 Radio Morobe on 1200*; 3235 Radio West New Britain on, but irregular; 3245 Radio Gulf on 1200*; 3260 Radio Madang untraced, off?; 3275 Radio Southern Highlands on 1200*; 3290 Radio Central untraced in spite of a press item mentioning their return; 3305 Radio Western untraced, off?; 3315 Radio Manus on 1200*; 3325 Radio Bougainville on, irregular after 1200; 3335 Radio East Sepik on 1200*; 3345 Radio Northern untraced, off?; 3355 Radio Chimbu on 1200*; 3365 Radio Milne Bay on, but irregular; 3375 Radio Western Highlands untraced, off?; 3385 Radio East New Britain on, irregular after 1200; 3395 Radio Eastern Highlands untraced, off; 3905 Radio New Ireland on 1200*; 4890 NBC on 1200+ (Johnson, Cumbre)

ROMANIA: Home service relay Actualitati in Romanian has this monitored schedule: 0000-0600 7225, 9625; 0600-1900 11830, 15105; 1900-2200 9530, 11830; 2200-0000 7105, 9625. (Noel Green, UK, BCDX)

SWEDEN: [Radio Sweden](#), and its service provider Teracom, is trying to improve reception in North America by adding a new frequency. The new 15245 kHz will complement 9495 kHz between 0300-0400. Reception reports are most welcome, especially if they compare the two frequencies, says Magnus Nilsson at Teracom HF Planning. Reports will be verified with a special QSL-card, and a number of T-shirts will be given away to some of the reporters. Reports should be sent to (e-mail and fax preferred): e-mail: magnus.nilsson@teracom.se, fax: +46 8 55542060, Mail: HF Frequency Planning, Uf, Teracom AB, P.O. Box 17666, SE-11892 Stockholm, Sweden (HCDX)

TUNISIA: New schedule of RTT Tunis in Arabic. 0200-0500 NF 9720; 0400-0700 NF 7110, NF 7275; 1200-1400 15450, 17735; 1400-1700 NF 11655; 1400-1700 11730, 15450; 1700-1900 7225, 9720; 1700-1900 NF 11655; 1900-2100 NF 7110, 7225; 1900-2100 9720; 2100-2300 NF 7110, 7225. (Ivo Ivanov, Observer-Bulgaria, BCDX)

UNITED KINGDOM: Programs carried by Merlin: 0000-0100 Fri/Sat Global Sounds Kitchen 3955, 6140, 7325 to Europe; 0200-0230 Sat Celtic Notes - Wales Radio International 9795 to Americas; 1230-1300 Sat Celtic Notes - Wales Radio International 17650 to Australia; 1600-1700 Sat Roy Masters 6175 to Europe; 1900-2000 Fri Imagination - Stafford Broadcasting Society 6010 to Europe; 2000-2100 Fri/Sat Flat Earth Radio 3955 to Europe; 2030-2100 Fri Celtic Notes 7325 to Europe; 2100-2359 Fri/Sat Global Sound Kitchen 3955, 6140, 7325 to Europe; 9795 Wales Radio International, weekly English 0200-0229 on Sats. (Lee Silvi-USA,

HCDX)

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

Well Winter has arrived so hopefully you will have more time to DX, although I find the inclination seems to be harder to get somehow. Only a few contributors this Month but most have quite a few verifications in. Let's start the month off with

[Jack Searle Haumoana](#) who has them in from Radio Vlaanderen International on 15565, Radio Canada International via Sackville 15470, Radio Diffusao Portuguesa 13660, 15295, 17700, 21540, 21800, A.W.R. Rimavska- Sobata 15735. Kol Israel 15650, Voice of Greece 15650, Radio Pakistan 17835, 21460. That is a reasonable lot Jack.

[Paul Aronsen Wallacetown](#) has eight out and the following in Radio Sweden 6065, Radio Switzerland 9885, Radio Taipei 3335, Radio Ukraine 9870, RTV Malaysia 4845, and Christian Voice of Zambia 4965. Thanks Paul.

[David Norrie Auckland](#) Radio Blandengue 14565 From "Somewhere in South America"

[John Durham](#) has a few more back this month. World Beacon Radio 9675 [em] Voice of Tartistan 15105, Yemen 9780 [Country Number 261], Radio Japan via Ascension 11855, RFPI 25930, FEBA Seychelles 15535 AWR via Meyertown 12130. A good list John.

[Paul Peacock Blenheim](#) varies in for April/May are AWR Costa Rica 9725 for final transmission from Cahuita, HCJB 21455, Radio RSG Germany 6015 for once a year transmission, Kol Israel 15615, VOA Greenville 17725.

[Ian Cattermole Blenheim](#) has another long list with Voice of Tigray revolution 5500, Swiss Radio International 13710 [em] Radio Vlaanderen 5985, 9865, Radio Taipei International 15565, VOIRI 21770, Voice of Tatarstan 11915, 15105, Radio Austria via Sackville 17865, 17765, Radio Ukraine International 9870 15520, Kol Israel 7510, Radio Portugal 12020, 13610, 11995, 15295, 13660. Radio Rio Grande Do Sul 11895, 6160 Formerly Sistema LV Mundial With Verie Letter in English. A nice lot ther Ian.

[Laurie Boyer Invercargill](#) has a few in from RFPI 15049, Radio Canada International Sackville 15305, 11920, 13670, 15170, via Austria 15345, Radio Portugal 13700, Radio China 15440, Radio Sweden 15245.

Best of Month under 9 MHz Christian Voice of Zambia 4965 Paul Aronsen

Best of Month over 9 MHz AWR via Meyertown 12130. ~~John Durham~~



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

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

KHz UTC Country, Station, Programme, & Reception Details

3205 0912 PNG, R Sandaun poor in EE and Tok Pisin with Ids after news — BML 3/6
3210 1855 MOZAMBIQUE, R mozambique Maputo weak with spoken prgm — PGA 5/6

3315 1925 PNG, R Manus fair with s/on at 1930 — BML 28/5
3316 1910 SIERRA LEONE, SLBS weak in EE till 1930, IDs. Best local Sunday mornings when R Manus opens later — BML 3/6
1955 SIERRA LEONE, SLBS with weak signal — PGA 4/6
3320 2022 STH AFRICA, R Sonder Grense in EE — PGA 4/6
3365 1105 PNG, R Milne Bay fair with EE news, ID 1106 — KVB 31/5
3366 1857 GHANA, GBC Radio 2 poor in EE with ID and news at 1903 — BML 3/6
1910 GHANA, GBC Radio 2 weak in // to 4915 — PGA 4/6
3380 1923 MALAWI, MBC with good signal — PGA 4/6
1949 MALAWI, MBC Radio 1 fair in Vernac with lds — BML 31/5
3390 2053 STH AFRICA, BBC WS via Meyerton in EE — PGA 4/6
3955 1812 UK, R Taipei Intl good in EE with news and ID — SHV 20/4
4502.5 1102 GUATEMALA, R Verdad s/on at 1102 with choir music then stn announcements with tent "Verdad", by 1130 still weak but audible — DN 24/5
4770 2054 NIGERIA, R Kaduna weak — PGA 4/6
4800 1046 GUATEMALA, R Buenas Nuevas fair in Spanish with music, ID 1154 - KVB 30/5
2055 LESOTHO, LNBS weak signal — PGA 4/6
4815 0540 BRAZIL, R Diff Londrina fair in Portuguese with relig prgm, repeated at 0830, ID 0631 — KVB 10/5
4825 0545 BRAZIL, R Cancao Nova poor in PP with relig prgm/mx ID 0558 - KVB 14/5
4830 1023 VENEZUELA, R Tachira fair in SS with music. ID at 1029 & 1053 - KVB 14/5
4830 1035 VENEZUELA, R Tachira good in Spanish with Latin mx & several lds - CC 10/5
4835 2057 MALI, ORTM, Bamako fair in French — PGA 4/6
4845 0929 BRAZIL, R Meteorlogia fair in Portuguese — IC 15/5
4845 1128 GUATEMALA, R Kechi good with all one word ID — DN 12/5
2058 MAURITANIA with a very good signal — PGA 4/6
4850 2100 CAMEROONS, CRTV good signals most mornings — PGA 4/6
4855 1842 KENYA, Kenya BC in Vernac with Afro songs weak — DN 17/5
4885 0936 BRAZIL, R Difusora(Acreana) Rio Branco poor in Portuguese with music. Bad splatwtr from NBC on 4890, ID 0940 — KVB 14/5
4890 0930 PNG, NBC good in EE with Current Issues prgm ID at 0932 — CC 19/5
4915 1828 GHANA, Ghana BC in EE with business news, parliament at 1848 — DN 17/5
2106 GHANA, GBC in EE most mornings — PGA 4/6
4919 1037 ECUADOR, R Quito fair in Spanish with ID 1101 — KVB 14/5
4950 1907 SAO TOME, VOA poor in EE with news, ID 1912 — KVB 12/5
2110 SAO TOME, VOA in EE daily — PGA 4/6
4960 0936 VANUATU, R Vanuatu good in Bislama with music, ID at 0948 — CC 19/5
4965 1820 ZAMBIA, Christian Voice fair in EE with relig prgm — SHV 23/4
4965 2110 ZAMBIA, Christian Voice Lusaka also daily — PGA 4/6
4975 0700 PERU, R Del Pacifico (tent) good with orchestral music — SHV 23/4
4975 2115 UGANDA, R Uganda Red Channel fair signals daily — PGA 4/6
4980 0912 VENEZUELA, Ecos Del Torbes fair in SS with music, ID 0947 & 1006 - KVB 21/5
0948 VENEZUELA, Ecos Del Torbes good in Spanish with sung ID and talk — CC 19/5
4985 0745 BRAZIL, R Brazil Central good in PP with Latin style oldies/ID - SHV 23/4
5003.4 1948 EQUATORIAL GUINEA, R Bata poor in Spanish fading after 2010 — BML 24/5
5010 2115 CHINA, CNR 2 good with music prgm — PGA 4/6

5020 0952 SOLOMON IS, SIBC good in Pidgin with sports news and ID at 0959 — CC 19/5
5035 1935 UZBEKISTAN, R Tashkent fair in German with s/on, sked., ID 1936 — KVB 27/5
2115 CENTRAL AFRICAN REP, CAF with weak signals most mornings — PGA 4/6
5755 0730 ??? UNID good in EE, sounds like Dr Gene Scott?? Can't ID stn — RP 8/4
5825 0538 USA, WEWNgood in EE with relig prgm — CC 8/5
5900 0309 BULGARIA, R Bulgaria good with clear ID then music — CC 15/5
5925 0400 ??? RFI fair in French with IS and ID at 0400 — RP 21/5
5955 0459 NETHERLANDS, RN good in Dutch with IS, ID — cc 21/5
5960 1930 BELGUIM, RVI with IS, ID then EE news, poor with QRM — KAB 15/5
5970 1940 ITALY, RAI good in EE with IS, ID 1940 + s/off 1955, Newscast then mx - RP 27/4
1940 ITALY, RAI good with IS, ID and s/off at 1955 — RP 27/4
5975 0549 JAPAN, R Japan fair in EE — PGA 4/6
2035 ??? BBC WS fair in EE with comment in Zimbabwe — KAB 20/5
5975.4 0831 COLOMBIA, R Macarena/ R Autentica fair SS, both IDs used - BML 31/5
5995 0500 CANADA, RCI fair in EE with IS, ID and First Edition, into FF at 0530 - RP 19/4
2030 CANADA, RCI fair in EE with news, Canadian news and weather — KAB 20/5
6010 0325 ITALY, RAI good in Spanish?? With ID then off — CC 15/5
6010 1059 MEXICO, R Mil good in Spanish with ID and Mexican ballads — SHV 20/4
6015 0530 CANADA, R Austria Intl fair in EE with lds at 0530, 0558, News — RP 25/4
6025 0327 HUNGARY, R Budapest good with lds in various languages — CC 15/5
1910 HUNGARY, R Budapest EE fair, nx, ID 1913 then political comment - KAB 15/5
6035 2030 JAPAN, R Japan/NHK poor in EE at 2100 — RP 22/5
6050 0505 NIGERIA, R Nigeria Ibadan EE poor till 0530, clear after HCJB closes - BML 31/5
6065 1740 SWEDEN, R Sweden good in EE with news and comment — KAB 25/5
1930 SWEDEN, R Sweden IS, ID then news with Bill Schiller , v good — KAB 15/5
6065 1938 SWEDEN, R Sweden good in EE with Spectrum of the Arts prgm — AMQ
6075 2000 GERMANY??, DW excellent in German with IS and ID 2000 and 2030 - RP 20/5
6095 1000 USA, WSHB v good in French with EE ID at s/on at 1000 — RP 20/5
6095 2016 ??? VOA v good in EE with economic news, ID 2017 — KAB 15/5
6105 0740 BRAZIL, Cultura Foz De Iguacu strong in PP with canned ID 0749 - IC 21/5
6130 1200 LAOS?? Laos Natl Radio (tent) Big Ben chimes, good. Poss. Laos ID - DN 6/5
6135 1020 BOLIVIA, R Santa Cruz good in Spanish with music — SHV 23/4
6145 1650 NZ, RNZI good in EE with news of Fijian coup — AMQ
6150 1345 SINGAPORE, R Singapore Intl good in EE with ID, prgm details, music - CC 20/5
6155 1637 AUSTRIA, ORF fair in EE, listener's letters, ID, bad QRM //13730 clear - CC 27/5
6185 0549 MEXICO, R Educacion good with music and ID — DN 12/5
6458 0645 PUERTO RICO, AFRTS on USB fair in EE, ID, weeling in background - CC 21/5
6956.7 1116 PERU, La Voz Del Campesino excellent, flute music, firm ID - DN 12/5
7120 0420 STH AFRICA, BBC WS from Meyerton good in EE with World Today — SHV 23/4
7125 0340 RUSSIA, V of Russia WS good in EE with Listener's Mailbox — SHV 23/4
2025 ITALY, RAI fair in EE with IS, ID at s/onat 2025 then nx, off at 2045 - RP 24/4
7150 0425 ITALY, RAI v good in EE with IS, ID and Newscast, off at 0440 — RP 29/4
7190 0500 ??? DW in unid language fair with clear IS, ID at 0500 - RP 21/4
7195 0556 MOROCCO, VOA good in EE with Communications World — SHV 23/4
7275 2000 SPAIN, REE v good in Spanish with mention of REE often — RP 8/5

7290 0500 UK, RCI fair in EE with IS, ID at s/on followed by First Edition — RP 13/4
 7385 0530 GERMANY, R Santec just audible in EE Sundays only. Former relig Universal Radio with a change in name — IC 7/5
 7410 1915 INDIA, AIR fair in EE with comment on Indian affairs, ID 1919 — KAB 15/5
 7465 0500 NORWAY, R Norway good in Norwegian// 13800 — PGA 31/5

CONTRIBUTORS FOR THIS MONTH

AMQ — Andy McQueen, Trentham, Sony 6800, 30m wire : BML — Bill McLeod, Christchurch, NRD 545, 60m wire : CC - Cliff Couch, Paraparaumu, ATS 803A, 60m horizontal loop, 26m wire with Balun: DN — Dave Norrie, Auckland, AOR 7030, T2FD, 25m longwire with balun, 12m vertical : IC — Ian Cattermole, Blenheim, JRC NRD 535, T2Fd and Alpha Delta antennas: KAB - Ken Baird, Christchurch, R5000, ATS 909: 15m wire, Eavesdropper: KVB — Kevin Brayshaw, Levin, FRG7, ICF 2001, HF Loops & 5MHz dipole : PGA — Paul Aronsen, Wallacetown, Sony 6800 & 7600G, 400 ft long wire: RP — Robert Park, Lower Hutt, R1000, 40ft longwire : SHV - Andy McQueen, Shag Valley, Panasonis DR31, 120m wire.

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@paradise.net.nz. Thanks to all the contributors for this month. 73's, Ken Baird

bandwatch.over9@radiodx.com with Andy McQueen

Hello from Trentham in the City of Song, that's the new logo for Upper Hutt City. More activity on the 31 metre band this month as the shortest day approaches with it being open almost all day long. So I hope you can all make some catches here All times are UTC

KHZ TIME COUNTRY STATION & PGM DETAILS INITIALS

9435 0100 GERMANY R Santec Weak but clear in EE on Sundays 7/5 IC
 9435 2130 SWEDEN R Sweden Fair in EE with Id at S/on then Music Countdown pgm // 15255 V/good 9/4 # RP
 9495 0236 SWEDEN R Sweden Fair in EE with talk on relations with Austria & China 13/5 CC
 9525 2100 TURKEY VOT Excellent in EE Nx then Music Id at S/off 2120 22/4 #RP
 9530 1600 PHILIPPINES R Veritas Asia Opens in Bengali after Id in EE Good signal 14/5 IC
 9540 2130 ALBANIA R Tirana Poor in EE Mentioned Albania but no clear Id 28/5 #RP(I haven't heard this one reported for ages 20 years ago it was all over the dial- Ed)
 9550 0655 CUBA R Habana Cuba Fair in EE Pgm 'World of Stamps' Id and S/off 0701 Noted with Bad QRM at 0650 27/5 Clear on 21/5 CC
 9555 1020 PHILIPPINES R Veritas Asia Moderate in unidentified language Pgm of Rlg or folk music Id at 1025 31/5 KVB
 9560 0410 CANADA CRI Relay Fair with Id and pgm details 10/5 CC
 9575 2213 MOROCCO R Medi Un Moderate in FF with Nx and interviews then into AA 2259 with Nx and Pop mx Id at 2259 12/5 KVB
 9595 0500 GT BRITAIN RCI Relay Fair in EE with 'First Edition' pgm Id at S/off 0530 also on / 11710Good 11830Excellent, //13755 V/good 15330 Fair14/4 #RP
 9595 2140 SPAIN REE Poor /Fair in EE 28/5 HJS
 9605 0249 VATICAN CITY Vatican Radio Strong in EE with I/sig & ID then into FF 13/5 CC
 9610 0500 GERMANY SRI via Juelich Fair in EE with item on flying Easter eggs 17/4#RP

9615 1335 ALASKA KNLS Strong, EE, ID, talk on computer virus Some distortion 20/5 CC
 9640 0100 CANADA RCI Good in EE with news but subject to splash from VOA on 9645 // 13650 good 7/5 AMQ
 9640 0330 UKRAINE? R Ukraine Int V/good in EE with News and folk Music 17/4 #RP
 9670 2000 ITALY RAI Good in RR /11800 equal 12/5 HJS
 9670 2100 SRI LANKA D/Welle vgd, EE, 'Newslink', 'Women on the Move' pgms 24/4#RP
 9675 2000 GT BRITAIN World Beacon via Rampisham Fair in EE with some QRM 9/5 #HJS
 9730 1935 ITALY RAI Poor, EE, I/sig of bird chorus, ID plus QRM from R Liberty 28/4 #RP
 9730 2347 GERMANY D/Welle Fair in GG Music and talk 9/5 CC
 9775.32220 BULGARIA R Varna Fair Sundays only in Bulgarian. Closes 0300 Mostly mx pgm with plenty of IDs, Freq varies week to week 28/5 Next week was on 9775kHz BML
 9810 2100 GT BRITAIN R Japan via Skelton Fair and Noisy in EE with Nx 27/5 #RP
 9820 1930 RUSSIA VORWS Fair signal in EE with religious pgm 27/5 #RP (I bet that made Joe Stalin turn in his grave? - Ed)
 9830 1402 THAILAND R Thailand fair, EE, some distortion. News about Thailand 20/5 CC
 9835 1545 CYPRUS BBC Good in AA with Mx and News TTS
 9840 2100 SPAIN REE V/Gd in EE Nx then 'Radio Waves' pgm // 15285 8/4#RP
 9860 0800 USA WSHB Fair in EE with Christian Science pgm 21/5 #RP
 9870 0335 AUSTRIA ORF R/Austria Excellent in SS to L/am //13730 equal 12/5 HJS
 9880 0700 CZECH REPUBLIC R Prague Good in EE with id then Czech News 8/4 #RP
 9925 0303 GERMANY Croatian Radio Fair in EE with news about Croatia and Id 15/5 CC
 11570 0000 SRI LANKA? IBC Tamil 60 minute pgm in Tamil with Nx in EE from 0047-0056 1/6 BML (I guess this would be a Clandestine Station? And not likely from SL — Ed)
 11600 2250 CZECH REPUBLIC R Prague Weak in EE Discussion on orchestral music //15545 Weak & scratchy 14/5 CC
 11605 1648 ISRAEL Kol Israel, fair, UNID lang, references to Israel // 9435 weaker 13/5 CC
 11655 2000 MADAGASCAR R Nederland V/good in EE with News 27/5 #RP
 11665 0400 RUSSIA Voice of Tatarstan Opens in Tartar at fair level RR from 0430 IC
 11700 0200 BULGARIA R Bulgaria Ex Signal in EE with Keyword Bulgaria pgm 16/4 #RP
 11710 0241 ARGENTINA RAE Strong in EE talking about Argentina 13/5 CC
 11720 0500 SOUTH AFRICA Channel Africa V/gd in EE with item on African forests 9/4 #RP
 11720 0830 NEW ZEALAND RNZI V/good in EE with relay of National pgm 7/5#RP
 11740 2130 IRAN VOIRIB V/good in EE with Id then News after S/on 26/5#RP
 11745 0300 CHILE Voz Christiana Good in Ss with lots of Ids 25/5 RP
 11760 0430 CUBA R Habana Cuba V/good signal in SS 'R Habana' Id at 0500 22/5 #RP
 11765 0500 SOUTH AFRICA BBCWS via Meyerton, vgd, EE News, Network Africa 23/5 #RP
 11765 0800 ALASKA KNLS Fair in EE with Religious pgm 22/4 #RP
 11790 2030 CHINA CRI, good, EE, QRM 11795, pgm of listeners' letters // 12010 27/5 #RP
 11805 2030 GERMANY R Croatia, vgd, 16 minutes of Nx in EE Start time variable 28/5 BML
 11810 0345 Unknown Location D/Welle Fr/Gd in EE/GG lessons, mixing R Jordan 9/5 HJS
 11810 2300 JORDAN R Jordan Fr/Gd in AA // 15435 same 3/5 IC
 11830 2300 VATICAN CITY Vatican Radio Very good in EE 16/5 IC
 11835 0415 AUSTRIA RCI Good in EE with Spectrum pgm 21/4// 11975 Fair, //13765 Fair // 15215 Good, //15345 Good # RP
 11835 1027 SRI LANKA R Sri Lanka Poor/Fair in EE with S/on and EZL mx Id 1030 15/5 KVB

11840 1000 USA WSHB Poor in EE with Christian Science pgm25/4 #RP
 11850 0730 PORTUGAL RDP V/Good in PP till off at 0800 17/5 IC
 11870 0440 BOSNIA? R Yugoslavia Good in EE with some UNID QRM 17/5 AMQ
 11900 2200 ITALY RAI Excellent in EE 16/5 IC
 11915 2300 USA WWBS Macon Good in EE with religious pgm Sat & Sundays 3/6 BML
 11920 1000 SINGAPORE RAI Int relay Good in Italian with I/sig and Id 28/5 #RP
 11965 0225 SRI LANKA D/Welle Fair in EE with 'Newslink' pgm with comment on free trade unions Id at 0226 // 11945 moderate 25/5 KVB
 11970 0100 IRAN VOIRIB Good in EE with news and commentary Off 0130 28/5 #RP
 11985 2020 High Adventure Ministries Ending EE broadcast. Nothing wonderful but announced times as 0700-1100 GMT and freq 5975 with an English address obviously a recorded pgm via? HJS
 12005 1615 NTH MARIANAS ISLANDS KFBI Good in Uzbek with EE Id at closing 1630 10/5 IC
 12020 1010 VIETNAM V of Vietnam Fair in EE with news Some QRM // 9840 similar 10/5 CC
 12045 0300 UKRAINE R Ukraine Int, poor, EE, suffers sev co-chan QRM //9640 better 17/5 IC
 12085 0024 SYRIA R Damascus Fair in SS with Nx then AA mx and S/off Id 0025 14/5 KVB
 13570 1330 USA WINB, weak, noisy, EE. Off 0000 sched for 12100, no sign this day 23/5 IC
 13580 0000 CZECH REPUBLIC R Prague Poor and Noisy in EE 15/4 #RP
 13630 1629 UAE R Dubai Fair in EE with Pleasant Mx then Id and Nx //13675 Similar 13/5 CC
 13650 0600 USA WSHB V/good in EE with religious pgm 8/4 #RP
 13650 1630 GT BRITAIN BBCWS Rampisham, good, EE, doco on life of Charles Dickens AMQ
 13670 2000 GT BRITAIN RCI Relay V/good in EE with 'Venture Canada' pgm //15470 V/good //17735 Good //17805 Fair 22/4#RP
 13700 1015 INDIA AIR Strong in EE with Station announcements and Id 10/5 CC
 13710 2000 FRENCH GUIANA SRI via Montsinery Good in EE with 'News Net' pgm // 13770 Sottens Excellent //15220 Juelich Good // 17580 Juelich V/good 16/4#RP
 13710 2200 KOREA RCI relay Fair in RR with Id 5/3 #RP
 13765 0400 UNKNOWN LOCATION RCI Fair/good in EE to Africa // 15435 same 11/5 #HJS
 15105 0300 NETH ANTILLIES D/Welle Good in EE 17/5 IC
 15105 2330 ROMANIA R Romania Int Poor in EE with plenty of Id, S/of 2357 17/4#RP
 15110 0515 KUWAIT R Kuwait Fair in EE with discussion on Islamic marriages
 15110 2000 CHINA CRI Fair in EE with co-channel QRM from REE 7/5 #RP
 2100 At good strength in EE but severe co-channel QRM from Kuwait 8/5 IC
 15120 2100 USA WYFR Poor in EE with 'Family Radio' Id Not heard here often 6/5#RP
 15160 0700 ECUADOR HCJB Fair in EE with 'Saludos Amigos' 27/5 #RP
 15170 0200 CANADA RCI Fair in EE with Spectrum pgm 12/4 #RP
 15185 2130 PHILIPPINES? VOA Good in EE with Communications World on Sunday mornings NZ time with News that Voice of Hope Lebanon most prominent S/w station has closed down due to Israel's withdrawal from South Lebanon
 15255 2136 SWEDEN R Sweden Good in EE with item on changing law for to allow for dual citizenship Id 2139 18/5 KVB
 15245 0330 SWEDEN R Sweden Stockholm Fair opening in EE on this new freq to Nth America with News also fair on // 9495 10/6 BDC
 15270 0840 ARMENIA V of Armenia, fair, EE 0840-0900 Sundays only, ID at S/on 8/5 BML
 15280 2334 THAILAND BBCWS, fair, EE, item on the Muslim cause in Philippines 29/5 KVB
 15410 1500 RUSSIA R Mayak in RR with 1 hr special transmission over 3 days only Mainly

talk but some music from F/vocalist Sent e mail report and awaiting confirmation .
 Poor signal 26/5 #PRP
 15410 0900 GERMANY ?D/Welle,fair, EE, not heard here often //21640 Excellent 16/4 #RP
 15470 0330 CZECH REPUBLIC R Prague Good in EE with frequency sked 9/4 #RP
 15470 0900 RUSSIA D/Welle relay V/good in EE Id then news 27/5 #RP
 15485 2000 RUSSIA VORWS Good in EE with series "Russia at war" 6/5 #RP
 15545 2130 CZECH REPUBLIC R Prague Poor in EE 10/4 # RP
 15550 2130 GUAM KSDA Fair in EE, echo. Religious pgm. ID "AWR Voice of Hope"22/4#RP
 15565 0400 BELGUIM RVI Fair in EE with 'Brussels Calling' to Nth America 19/5 #HJS
 15630 0315 GREECE V of Greece Excellent in Greek 19/5 #HJS
 0615 Excellent in EE with Greek News then into Mx at 0620 21/4 RP
 15645 1845 USA VOA Poor with mix of EE and unknown language TTS
 17535 0407 ISRAEL Kol Israel Fair in EE with News about Israel 10/5 CC
 17550 0700 SLOVAKIA R Slovakia Int Fair in EE with I/sig and Id 21/4 #RP
 17560 0800 ASCENSION ISLAND R Japan relay Good signal in JJ with sports talk 30/4 #RP
 17605 0921 CHINA CPBS Beijing Moderate in CC with Mx including 'Cuckoo' song // 17550,17580 &17565 Id 1000 22/5 KVB
 17655 0630 RUSSIA VORWS Fair in EE to S/off 0659 7/5#RP
 17685 0730 GERMANY SRI via Juelich Fair in EE with Easter edition on Singapore // 21750 Excellent direct from Sottens in Switzerland 21/4 #RP
 17695 2300 CANADA RCI Good in EE with CBC pgm 'World at Six' 2/5 IC
 2329 Fair in EE with repeated I/sig and Id 11/5 CC
 17740 0430 ROMANIA RRI Fair in EE with item on endangered species 10/5 #RP
 17745 2000 USA ?VOA V/good in EE With Nighline Africa 29/4 #RP
 17835 2200 JAPAN RCI Poor in EE with fading Id heard 2235
 17860 0600 GERMANY? D/Welle V/good in EE with ID, Nx, 'The Week in Review' 16/4#RP
 17885 1000 KUWAIT R Pinoy 96.3 2 hr pgm in Tagalog Fair signal with EE I at S/on 5/5 BML
 18910 0900 NORWAY RNI Fair in Norwegian then Danish /R Denmark at 0930 21/5 #RP
 (You might be lucky as I hear they don't QSL- Ed)
 21515 1100 GT BRITAIN Flat Earth Radio (Virgin Radio)Fair in EE // 21455 better 6/5 IC
 21570 0500 JAPAN? NHK/R Japan Excellent in EE with Nx then '44 Minutes' pgm 8/5#RP
 21620 0900 FRANCE RFI Good in FF with I/sig and Id at 0900 20/5 #RP
 21630 0345 UAE Abu Dhabi Excellent in AA with time pips & Id at 0400 5/5 HJS
 21745 0900 CZECH REPUBLIC R Prague Poor in EE with QRM from station on 21755 with Id at 2130 'R Prague' mentioned often 21/4 #RP (Did you really listen all night ?- Ed)
 21765 0830 AUSTRIA ORF/ R Austria Int Good in EE 8/4 #RP
 21790 2300 RUSSIA D/Welle Fair in EE with Newslink pgm 26/5 #RP
 21830 0400 SINGAPORE? BBCWS, vgd, EE, closes abruptly 0459. Does anyone have a definite site for this one? 5/6 BDC (According to my BBC sked this one is from Cyprus -Ed)
 25820 0930 FRANCE RFI Good in FF with I/sig at 1000 8/4#RP
 25950 0300 USA KTM 556 Good in EE with id as "KTM 556 Portland Oregon auxiliary broadcasting station for KGOM Portland " Ids on the half hour 11/5 BML
 Thanks very much to all this month's contributors. A # mark indicates a report has been sent to the station. New contributors are most welcome. You can contact me either via P O Box 3011 Auckland or direct to me at 36A Brentwood Street Trencham Upper Hutt or you

can use the Email address. 73's Andy McQueen

Shortwave Exchange

AMQ Andy McQueen Trentham Sony 6800 & 40m long wire / BDC Bryan Clark Mission Bay Auckland AOR 7030 and Alpha Delta Sloper / BML Bill McLeod Christchurch NRD 545 7 60m wire / CC Cliff couch Paraparaumu Sangean ATS 803A with 60 m horizontal loop / HJS Jack Searle Haumoana Hawkes Bay Icom R71 100 m longwire & 19m & 60m dipoles / IC Ian Catermole Blenheim JRC NRF535 T2FD Alpha Delta / KVB Kelvin Brayshaw Levin FRG7 Sony ICF 2001 5 MHz dipole & 40m horizontal loop / PRP Paul Peacock Blenheim Sony 6800 / TIS Tristram Speedy Manurewa Auckland Yaesu FRG7700 with 55m N/S random wire.

utilities@radiodx.com with Evan Murray, Auckland

Aviation Australia magazine reports that Adventure Network International aircraft use 11297 and 17977 for operational control of its SAFAIR C130 flights flying in to the South Pole. We have tried to get information of the routes followed but find that airlines are notoriously relectant to reply to mail. However we now have a contact in Washington DC who may be able to help us in cases such as this.

- 4415 0710 Russel Radio with fishing boats BJ
- 4445 0730 Russell Radio/Yacht Fantasia. We have not eaten and have been sick. Advised to drink lots of fluid and keep as warm as possible. Bound for Fiji. NM
- 4445 1900 Russell Radio/Yacht Fantasia reports drifting about 35 miles from Cape Brett. Russell asks Fantasia to go to VHF Ch 63. Boat Olga on way now. NM
- 4445 0715 Russell Radio/Antaris and Domingo advise of riots (probably Suva). NM
- 6215 2005 Port Moresby Radio with ID and Taupo with same. JC
- 8022 0900 VKS 737 Penta Radio standby for radio check. Whisky 120 you are 60 km inland from Auburn 2640 South of Toowoomba. Hopeful of rain. NM
- 8764 0953 USCG Portsmouth WX for Gulf of Mexico EM
- 8770 1314 XSG R Shanghai PP to 301-4-42031 in English and Spanish for 18 mins at cost of 260.85 unknown currency. NM
- 8817 1340 Azerbaijan Volmet in RR followed by second station very weak at 1345. NM
- 8825 0847 Air Portugal 1843/Santa Maria confirm destination Porto FL 340 Mach .78. EM
- 8825 0900 Santa Maria/Air Portugal 1843 FL 340 Posn 38N 20W. EM
- 8825 0915 Cubana 420/Santa Maria Posn 45N 20W. EM
- 8825 0930 Santa Maria/Air Mexico 001 Posn 43N 30W FL 390 Madrid ETA 1012. Fuel remaining stated. EM
- 8846 1000 Unid/New York WX Boston, Philadelphia. For concourse and taxi instructions call 120.7 Use San Francisco 129.45 for relay. S/C PBQL. NM
- 8846 1000 American 641/New York. No requirement to call at SIMBA. NM
- 8846 1955 Nadi/R Tonga estimating Fua'amotu 2030 PO 11. Nadi advises traffic Vavau. JC
- 8846 2015 Unid advises Nadi ATD Wallis Island 2007. JC
- 8846 2014 Fortuna working Nadi but hard to read and stepped by on R Tonga. JC
- 8846 2016 French Navy 5582 calls Nadi but no reply. JC
- 8855 0540 Piarco/Springbok 209 S/C check. JC
- 8855 0506 Houston/Continental 94 but no reply. BJ
- 8861 0519 Canaries/Speedbird 266 S/C Check. JC
- 8861 0519 Canaries/Lufthansa 502. JC
- 8861 1240 Yakutsk Volmet in Russian. NM
- 8867 0242 Auckland/Kiwi 563 Pan Pan at 39S 164W Our intention is to reach Whenuapai at this time descending to 1000. Later 563 established on bearing 235o and asked to estimate time crossing FIR boundary S/C LMOK. NM
- 8867 2330 Brisbane. Lord Howe has reported strong turbo 3000 ft and thro mountains. Winds gusting 25 km on ground. NM
- 8867 0300 Auckland/ZK DOL on ground Ardmore. At 0500 on ground North Shore. Request radio check. NM
- 8867 1021 San Francisco/Qantas 11 46S 160W Rego VH-OJC. EM
- 8867 2034 Brisbane/Eastern 261 on ground S/C OK. We are close to buildings but OK. JC
- 8867 0512 San Francisco/Alliance 464 (AMR Services Corp Dallas ED) JC
- 8867 0530 RMF radio maintenance check with San Francisco S/C ADFJ. (Royal Malaysian Air Force ED) JC
- 8903 0511 Luanda/MK Air Cargo 115. Asks if contact with Libreville. JC
- 8903 0518 Bangui/Unid but heavy crashing static. JV
- 8903 0440 N'Djamena/Sudan Air 424. Airbus 300 ETA N'Djamena 0539. JC
- 8903 0500 Libreville/Luanda but reception bad. JC
- 8906 0512 Santa Maria/American 68. BJ
- 8915 0844 North West 12/Tokyo From Company Code 3 Turbo at 36N 160E FL's 270, 290 Mach .87. NM
- 8924 1943 Dublin/Transair 728 Posn Brussels. JC
- 8930 2030 Stockholm/British Midland Airways 289. JC
- 8930 0506 Reach Delta X Ray with departure message. Dest Lima. BJ
- 8983 0832 Coastguard Rescue 1790/Comspac Kodiak. Read U loud/clear. Standby. NM
- 8983 0835 1790/Pt Reys. We will add 15088 and get you on directional antenna NM
- 8983 0900 1790/Pt Reys make primary 8983 secondary 15088. Nil further this time. NM
- 8983 0917 to 1300 ten calls logged by vessals and aircraft on this SAR operation by NM
- 10024 0944 Punta Arenas/Qantas 115. EM
- 10024 1004 Lima/VH-TGG 325 32S 85W FL 410 SAV at 1033 RODIN next. EM
- 10024 1017 Cenamer/LAN Chile 370. REM
- 10024 0742 Asuncion/Mexico Unid Posn in Spanish. S/C CSDK. NM
- 11125 0214 Air Force Sydney working Aussie 126. BJ
- 11247 2015 Cyprus Combined Radio WX at LIYW (Aviano USAF ED). NM
- 11247 2025 This is Gibraltar Radio Do you copy. NM
- 11253 0600 RAF Volmet WX Manchester, Oslo, Leuchars, Marham at various times. NM
- 11342 0941 San Francisco/North West 24. Contact established then transferred to North West Dispatch. Tropical live fish in aft cargo bay 2000 lbs. Heat has not cycled. Should cycle every 10 secs. No temp gauge. Airborne 2.30 hours. 0947 system OK now. EM
- 11396 0951 Manila/Eva 448. EM
- 11396 0951 Perth/United Nations 065. FL 150. Sec 13318. Est FJDH (NB location indicator FJDG is Diego Garcia, a mysterious USAF base South of Maldives Islands ED) EM
- 12359 2045 Russell Radio/Midnight Sun at Marina Suva Yacht Club. No problems here. Riots are in town. Folks are staying with their boats. NM

12359 2032 Russell Radio/Caliste. I've lost the boat. No way to salvage. No roads. Saw a 4x4 on the beach but long way off. NM

12359 2045 Russell Radio/Lolita. Damage to steering gear and have had emergency tiller. We are about 60 miles from Suva. NM

Thanks to contributors - JC John Charlton G reymouth Kenwood 5000 30 m wire - NM Neville McKenty Napier NRD 545 and ICOM R70 60 foot antenna sloper, Shortwave Listener, Discone D130 - BJ Basil Jamieson Oamaru Drake R8 and Kenwood 5000 30 m wire - EM Auckland Kenwood 5000 T2FD.

This month we feature some RTTY loggings from Bill Mannix of Pounaweia, South Otago. For this mode Bill uses a Universal M400 V2 Decoder attached to his Yaesu FRG 100 with an Epson Printer plus a 60m antenna. Traffic runs from Marifitime/Aviation weather broadcasts, Navigation warnings, Press Broadcasts etc. Here is a sample of Bill's Loggings.

12579 0900 NMC USCG. Eastern Pacific Peru seismic survey in progress until further notice by M/V Gulf Supplier towing 4000m cable at position (given). Request wide berth. BM

12579 0900 NMC USCG. Eastern Pacific Indian Ocean. Vessel CARITA with 220 persons on board overdue between Indonesia and Christmas Island. Vessels in vicinity keep a sharp look out. Reports to RCC Australia.

12615 0815 Mariupol Radio Ukraine re customers orders for consumables. BM

12657.5 0855 XSG Shanghai. Numerous WX reports of Shanghai, Taiwan straits. BM

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

Hi all, well it may be winter but the Sun is having an influence on listening conditions - not from the heat but rather the flares and coronal mass ejections which have been upsetting things. And a goodly number of contributors this time round. And some surprising signals too - 1570kHz (one of Bill Woller's favourites) has produced a new Argentine - as yet a bit of a mystery, and another WGSR Fernandina Beach, from Florida see the trail further on...

Laurie Boyer, Invercargill, "Just three in this month. Have re written seven reports over six years old and surprisingly three came back immediately they were WKNG 1060, WGGA 1240 and WDUN 550 along with 2ZH Hawera." *Presume those Yanks logged on one of your USA odysseys???*

Sutton Burtenshaw, Hamilton "Reports out this month to Southern Star 882, 531PI, 1XC, Tarana 1386, Access 1206. Veries in from BBC 1476, SS 882 and 1YA." *Sutton has plans to run a radial wire down the driveway as well as a tower!*

Nev McKenty, Tamatea "Here are some loggings from Lagoon Farm May 18th. I worked on USA, Peter worked South America." *Some good stuff Nev... you'll be giving up SW soon!*

Peter Chambers, Eskdale "Actually got around to some MW DXing during May. Was most surprised to pick up the 1630 Argentine rather well from home on the vertical aerial. The Taumarunui beacon only puts out it's CW code on USB. With the Drake on LSB and off-tuned to knock down the carrier, I can get excellent reception on 1630 until the 1629 Aussies fade in. First heard the 1630 Argentine on May 16th, on May 17th from home picked up R El Mundo 1070 quite good. May 18th Neville McKenty and myself set up at Napier Airport for the evening. On a 140 metre radial wire at 150 degree I picked up some of the Argentines quite well, especially 1150 & 1190. I think however that propagation was on the way down. Absolutely no signal level peak with sunrise in Argentina. Stable peak signal levels all evening

through to just after 1030z then rapid decline to total fade-out. May 19th I went to Ocean Beach and ran a 120 metre radial-wire at 150 degrees down a very steep hillside having to throw the wire across a slip-face and large blackberry areas. Argentine reception through to Buenos Aires had gone right off. The 1630 station was poor and others non-existent, However, Chile 1380 was still getting through well. What really made the effort worth-while was hitting a new Argentine on 1570 that really came in well. First heard it at 0330 and stayed with it more or less continuously till sign-off 0612. Caught it signing on at 0955." *(I wonder if it was R Familia del Maule from Talca, Chile as Argentina is UTC -3 hours??-ed).*

Arthur de Maine, Wellington "Trip to Cape Palliser two weekends ago did not produce much in the way of logs on Mediumwave except for two Australians. 2ME heard at 1043 hours songs in English and at 1104 announcement in English "Steve Jacob to raise a million dollars and then mentioned Coles. The other one was 2NTC 1701 at 1706 hours - Classic hits and at 1718 hours mention the best of yesterday NTC. Heard on the Drake R-8 with 80 metre longwire. *Maybe need a few extra reels of wire for good MW DX...*

Dave Onley, Melbourne "Dave Headland and I spent another weekend at Woodside. Conditions were really terrible and the only things heard were 1690 WPTX Lexington Park MD, 1680 WTIR Winter Gardens FL, 1670 WRNC Warner Robins 1660 WMIB Marco FL, 1650 KCNZ Cedar Falls IA, 1570 XERF, 1460 ???, 1110 XERED. All these were on Saturday night. On Sunday a solar storm was about and the band was wiped out. We had the two SPR4's and 300m at 120 degrees (Latin) and 550m at 75 degrees (Florida/Southern USA). "David adds a bit about the new DX hut "During the day more repairs and renovations were made to the hut. We put a new window in (Which I managed to break on the way to Pakenham resulting in another \$32 - I only bought the window for \$25). We are moving the water tank further along this weekend to insert another window so we can get the morning sun. (The dx window) We also started putting new boards on the walls.. It now needs a ceiling and the floor repaired. A lot of the outside boards are being replaced. We have also obtained a bank of 6 x 2v batteries which should give us 12v at 100 amps. So this weekend we will be doing a bit of wiring and installing a small solar panel on the roof. So before too long it will be the Victorian DX Hilton.. All we need now is some decent dx. We are heading down there this Friday again for the Queens Birthday weekend. Hopefully the band has recovered." *Sounds like a good place to while away a few hours...*

Bill Woller, Opunake "Another bad month, plenty of thunderstorms over the last week, things can only improve, well hopefully. I have not got any further with 1620. Plenty of detail off the tape, "Bloomberg Morning Show", plus commercials for a learning program for the kids but where I thought I heard WTAW call at 10:29, its not so clear on the tape. Probably worth trying though, looks like its the only Talk Station on 1620. I did get a verie from them on 1150 khz when they aired a DX special back in 1958. Well lets hope there will be more to send down next time" *and good luck with IDing that 1620 station...*

Paul Ormandy, Oamaru "Not too much time spent at the dials lately however the odd QSL has turned up... seems that Argentines are verifying very well at the moment with the four turning up over 2 months. Just one this month though, LT9 R Brigadier Lopez 1150. Next weekend I'm off to Waianakarua so more logs will hopefully result"

Merv Branks Trophy

Paul Ormandy 13, Keith Robinson 7, Sutton Burtenshaw 7, Lindsay Robinson 5, Laurie Boyer 1, David Ricquish one more than Peter Grenfell...

Best of the Month

Paul Ormandy with LT9 R Brigadier Lopez, Santa Fé, Argentina 5kW 1150kHz

Trail Time

All from Nev McKenty and Peter Chambers on location at various locations around the Hawke's Bay. Nev uses a Japan Radio NRD-545. Peter runs a Drake R-8A. Aerials: from Peter's home a 55ft Tee vertical. Napier Airport 140 metre 150 degree groundwire. Ocean beach 120 metre 150 degree groundwire. And NM is Nev McKenty from home.... And he comments "Better reception, less noise since new tenants moved in next door. Noise levels are increasing with the onset of winter".

648 1200 AUSTRALIA 2NU Tamworth, local NSW news after network progs. Fair. NM

650 0727 COLOMBIA HJKH Antena Dos, Bogota, id & big signal, easy copy. Off the home vertical.

666 1210 RFO Noumea mixed 2CN Canberra, French tlk mixed sports. NM

684 1205 AUSTRALIA 2KP Kempsey sama as 2NU 648 but a bit better. NM

747 1215 AUSTRALIA 4QS Toowoomba, prog Kenny Rogers music. Fair, NM.

850 0928 URUGUAY CX16 R Carve, Montevideo. Good signal but splash from NZers "Transmite Radio carve" ids

870 0935 ARGENTINA LRA1 R Nacional, Buenos Aires, dominant over Hawaiian for a while, good copy. Much weaker & harder to hear than other Buenos Aires stations.

870 1220 HAWAII KAIM Honolulu HI, religious prog, commonly heard. Fair. NM

873 1225 AUSTRALIA 2GB Sydney mixed 3ZE. 2GB music & 3ZE talkback. Very difficult. NM

1070 0601 ARGENTINA LRI R El Mundo, Buenos Aires, good copy thru splash "El Mundo" and "Mundo Mil Setenta" ids.

1150 0800 ARGENTINA LT9 R Brigadier Lopez, Santa Fé, tentative, excellent copiable signal all evening, music, tlk. Could not pick out an id despite great copy over the hour

1180 1100 CHILE CB118 R Portales, poor w/id on the hour, signal quite a bit weaker than 1380 Corporacion. Modulation very low.

1190 0500 ARGENTINA LR9 R America, Buenos Aires, exc copy on hour w/ids, classical music before 0500, news after the hour. Best Argentine signal, present 04-1030.

1200 0600 USA WOAI San Antonio TX, id very weak, marginal copy

1380 0315 CHILE CB138 R Corporación, Santiago, copiable this early on Ocean Beach radial wire. Exc signal over 3 or 4 nights. Up to full strength 0430 & present past 1100. Ids on the hour.

1560 1115 MEXICO XEFAJ R Consentida, exc w/many lively ids

1570 0330 UNID Very strong signal thru to 0610 s/off with choir music (anthem?). Carrier back on 0955, 0957 piano music, ids then choir music/anthem. At 1000z, 2 lime pips "Seis de la mañana... noticias" Present full strength to 1045 then slowly faded out. Heard May 20th at Ocean Beach.

1570 0500 USA WGSR Fernandina Beach FL, "New start" id 0503, music, oldies style. Over-run by XERF from time to time.

1580 0605 USA KMIK Tempe AZ, plenty of Disney sound-track music, signal held up well through evening.

1620 0453 USA WTAW College Station TX "College Radio" id 0453 & 0459. CBS news & sports, ads for Boler Atkinson Toyota. Very good.

1630 0305 ARGENTINA R Buen Aire, Buenos Aires, Good copy but weak this early on Ocean

Beach radial wire. Exc signal & copy later on LSB before 1629 Aussie fade-in. "Dieciseis treinta AM" ids heard regularly.

1650 0625 USA WHKT Plymouth VA? Id as Liberty Radio and Liberty Works Radio. Varied prog about star-signs, astrology, magnetic fields. Also advert for web-site and the works of Velikofsky... etc. Monitored off/on till 0835. Fair-good. (*think it may have been the Iowa station running network programs-ed*).

1660 0520 USA WMIB Marco Is FL, ids 0600 & 0700, light music, ads, good.

1660 1100 USA KXOL Brigham C, UT. Fair, commonly heard. NM

1670 0620 USA WRNC Warner-Robins GA, continuous C&W music, fair.

1680 0705 USA WTIR Orlando FL, id 0711, news & weather, good.

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

NEW ZEALAND More local commercial radio ratings, this time the Waikato. Top with all listeners aged 10 or more is 97.8FM The Edge, with the most popular MW station being Radio Pacific in 4th place (954 and 100FM), The next MWers are Newstalk ZB in 8th place (1296 and 97FM), Radio Sport 792 in 11th. Note that the ratings now are commercial stations only — National Radio is excluded. (Research International via Median Strip)

Canadian media giant CanWest, operators of TV3, TV4 plus More FM, Channel Z and The Breeze, is now majority owner of radio rival RadioWorks, which operates the Radio Pacific talk network, and a number of FM music formats including Solid Gold. Last year RadioWorks merged with the Radio Otago group. (via Median Strip) The government is releasing a series of "high-level" policy papers to facilitate public discussion on broadcasting will be prepared this month. Topics include youth radio and reservation of radio spectrum for non-commercial purposes. (Via Median Strip 4/00) There are indications that we will soon see more National Radio outlets on FM to address reception problems on MW. (BC)

ANGUILLA Radio Anguilla's 1505 AM tower was toppled by weather, silencing the AM service as of December 26, 1999. It is suspected that Radio Anguilla is now solely on 95.5 FM. Caribbean Beacon, transmitting from the big "antenna farm" near Sandy Hill is owned by Dr. Gene Scott, the Glendale CA preacher, who talks on 690 AM, almost non-stop. The other two Beacon frequencies, at 1610 AM and 100.1 FM are locally programmed with a mix of inspirational talk, Caribbean Gospel, and Christian Contemporary music.

(Info from <http://www.news.ai/ref/radio.html> via David Ricquish)

ARGENTINA Radio Tropical 1620, an unofficial station, has been closed following action from legitimate Radio Buen Aire on 1630 before I could get my report away to them! (Paul Ormandy & Jorge Aloy Argentina)

QSL received from AM1630, La Plata, Argentina, via e-mail 46 minutes, after report to am1630@red92.com Verification text reads: "Hermod Pedersen es un gusto para nosotros la RED 92 AM 1630 decirle que su recepsion es correcta. Desde ya gracias y esperamos siga conectado con nuestra frecuencia. Saludos desde La Plata, Buenos Aires, Argentina". Idents as "1630 AM, desde la provincia de Buenos Aires, 1630 AM, Buen Aires". (Hermod Pedersen, hcdx list, 17/4 via PWO)

CANADA Update courtesy of members of IRCA in 'DX Monitor' magazine.

900 CJI Victoria BC are hoping to move to FM by July/August. (Pat Martin OR) Non-commercial CKMO may move to this frequency from FM. (Doug Smith TN)

1040 CKST Vancouver BC is expected to go to a sports format in July. (Eric Floden BC)
 1070 CFAX says it is staying on MW but will launch a modern rock FM station — already on Internet at <http://www.extreme1073.com> (Pat Martin OR)
 1200 CKXM Victoria BC closed down in early May and is now only on 91.3 FM. (Nick Hall-Patch) It is suggested CBUF in French will take over this frequency. (Doug Smith TN)
 1440 CFCP yet another British Columbia station moved to FM. (Pat Martin)
 1500 CKAY Victoria BC was granted move to FM 89.7 late last year. (Doug Smith TN)
HAWAII Update courtesy Dale Park, via IRCA's DX Monitor
 620 KIPA Hilo format changed from Adult Standards to ABC 45+ Adult Contemporary, but retains local standards and hawaiian mix during drivetime.
 650 KHNR Honolulu, sister station to KGU, has been purchased by Salem Media. This company has also acquired KAIM 870.
 670 KPUA Hilo format news-talk, carries "Coast to Coast AM with Art Bell (and Friends)" and ESPN's "The Morning Show with Mike Golic"
 760 KGU Honolulu has dropped all-sports format, reverting to the talk format it carried between 1982 and 1997.
 790 KKON Kealahou relays KIPA with ABC soft Adult Contemporary.
 850 KHLO format is satellite oldies (Hawaiian music in morning drive); adds AP Network News.
 1170 KOHO Honolulu has callsign change to KBUG
 1460 KRTR Honolulu was KGMZ, format oldies//KGMZ-FM, now AC// KRTR-FM. Ids "Crater".

ITALY RAI is closing some MW transmitters. Santa Palomba on 846, with 1200kw has been shut down. Also its transmitter on 1332 is closed, as is Radio 3 Torino on 1368. The transmitters were closed on 14 April due to problems with the electrical field generated. There is still no official news from RAI about the shutdown. You can find Santa Palomba transmitter photos at <http://www.mediasuk.org/archive> (Andrea Borgnino, hcdx list 21/4 via PWO)

MEXICO Recent QSLs received by IRCA members:
 1410 XEKB Guadalajara sent very nice full data letter in 5 weeks from: Ing. Daniel Arturo Martinez Orozoco-Gerente General, sent registered mail, enclosed U.S.\$1, which was returned. (Nick Hall-Patch AB)
 1470 XERCN Tijuana sent nice full data letter from: Sergio Golarte Quiros-Gerente de Promociones. (Patrick Martin-OR)
PERU Paul Ormandy's mystery Radio la Luz 1080 has been identified thanks to Pedro F Arrunategui. , the location of Radio la Luz has been traced. Address is Jr. Huancayo 288 piso 7 - Lima 1. Teléfono: 51-1-330-5656. Hoja electrónica: www.radiolaluz.com

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

WELCOME TO NEW & REJOINING MEMBERS: A.J. (TONY) LOWE, 70 South Road, Masterton 5901 and JOHN BRYANT, P.O. Box 1124, Eastsound, WA 98245, USA. Tony rejoins after nearly 40 year's absence. He first joined the League as a 15 year old in the late fifties, while living on a farm at Culverden. He used to attend Canterbury Branch meetings at Leithfield

Beach (a great DX spot — I tried it myself in the mid-sixties. Sub Ed). Nowadays Tony is listening quite frequently, especially to Utilities and Numbers stations. John is well known in North American DX circles. Welcome gentlemen! Both Tony and John join our membership via the League's internet website www.radiodx.com

GOODBYE TELETEXT After more than 15 years, Television New Zealand have discontinued free access to the Teletext service by the NZ Radio DX League and the NZ Association of Radio Transmitters. BRYAN CLARK has been visiting the TVNZ headquarters building every month to personal update shortwave listening tips on page 397. The page prompted a steady stream of enquiries and a number of our members 'discovered' the League through this medium. We acknowledge TVNZ's provision of this facility, and also the NZART for allowing us to share their pages. At its next meeting, the Administration Committee will evaluate other promotional options. As always, we are keen to hear from any member with ideas on how to introduce the SWL/DX hobby and the League to newcomers.

FEATURE ARTICLES We are very grateful to a small group of members who contribute articles on their listening experiences or some aspect of the hobby — user reviews of receivers or antennas, tips to improve reception, DXpedition experiences, reminiscences of past DX successes, and so on. Member surveys show that such articles are always popular with our readership, particularly those with a technical bent. If you have any ideas, why not put pen to paper and send your efforts to P.O. Box 3011, Auckland. Your material can be computer-scanned with text recognition software into electronic form for forwarding to our electronically-enabled Chief Editor. If you are similarly equipped, computerised material can be submitted by email, either as email text, or as an rtf (rich text format) attachment. To encourage interest and effort, the Administration Committee will award a prize for the best technical feature article published each year.

AMATEUR RADIO LICENCING CHANGES PROPOSED Member YURI MUZYKA highlights

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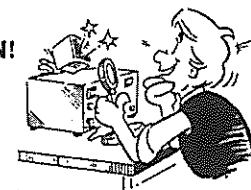
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possible changes to the regulations covering amateur radio in NZ. The Radio Spectrum Management Group of the Ministry of Economic Development has advised NZART that it is considering the following changes to promote and encourage the further development of Amateur Radio in this country:

- < 3 levels of amateur radio operator qualification and radio licence to be retained, with Novice and Limited grades to be renamed Entry and Technician respectively.
- < Callsigns no longer grouped to indicate grading or to change when grade changes.
- < An exam pass at the present Novice level to give immediate access to Novice band 144-148MHz at existing power levels. Access to Novice bands below 30MHz when credited with a Morse test pass at 5 words per minute.

CALLING PHILATELIC DXERS Because of the delayed delivery of last months magazine, we repeat this offer. One of our German members GUNTER JACOB has sent us a first-day philatelic souvenir with a very attractive postage stamp depicting his hometown — the three-river city of Passau, issued on 16 March 2000. We will conduct a draw amongst interested members for this attractive item — just send a postcard with your name and address to Stamp Offer, NZRDXL, P.O. Box 3011, Auckland, to arrive no later than 30 June.

LEAGUE MEMBERS STATIONERY Our advice last month that aerogramme type report forms will be discontinued due unavailability of blank aerogramme stock for overprinting may be premature. With assistance from a member, Stationery Secretary BARRY WILLIAMS is investigating alternatives. Watch this space!

2000 ANNUAL GENERAL MEETING/MINI-CONVENTION Mark your calendars now for the DX social event of the year 2000 — the DX League's 2000 Annual General Meeting and Mini-Convention to be held at Motu Moana Scout Camp at Green Bay Auckland from Friday afternoon 13 October to Sunday afternoon 15 October.

branch.news@radiodx.com

Auckland

The branch had an excellent turn out for the May meeting, a visit to TVNZ Headquarters. Former League member, Wayne Huggard, gave a most interesting talk on the transmission side of the operation, and it was a surprise to many of our people that TVNZ rates very highly among major world TV authorities, and provides facilities for many others. A view of the city from the satellite dish farm on the top of the building gave an interesting view - large dishes and small, about 7 in total.

Adcom was pleased to receive from ex member Rob Bell a National DR 49 communications receiver which he asked to be gifted to a needy member. Daniel Bloomfield President of the branch decided that the receiver should be given to blind member, Marce, who is a regular attender at meetings, and it will be presented to her at the next meeting. This will be an informal gathering at the Clubrooms, 3000 Great North Road, commencing at 2 pm on Sunday 25 June.

North Otago

Had a very good meeting at Jim Smyth's with a lengthy discussion of our display next week from the 12th to 17th June. Will be interesting to see if we get any new members, will let you know in the next edition. Plenty of correspondence and also Paul Ormandy mentioned his website, there are a lot of new and interesting articles to view. The website address is

<http://radiodx.com/spdxr> Happy dxing from the group.

marketsquare@radiodx.com

For sale - "Equinox" baluns, 9:1 ratio housed in waterproof box, standard PL259 UHF plug connection, easily converted for two wire or single wire aerials, designed for broad Ormandy, 33 Greta Street, Oamaru 8901, tel 03 434 5931, e-mail paul@radiodx.com

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My primary shortwave DX receiver since the late eighties, a solid performer on the SW bands. Serial Number 4822. Supplied with instruction manual, schematic, servicing record since purchase. Price: NZ\$600. Contact: Bryan Clark, P.O. Box 3011, Auckland. Tel: (09) 528-4184. email: bryan@radiodx.com

DXISIMO - FOCUSING ON LATIN AMERICAN, AFRICAN AND EXOTIC DX with John Durham

COLOMBIA. 4955 00.00-04.20 Radio Nacional with a cultural prg.(R Scaglione. c/- PDX)

CONGO. 7205 18.30, Lubumbashi noted in FF and playing Afro pops. Best heard LSB. Roumania also on this freq. (Hardcore DX via WOR)

DOMINICAN REP. 6025 00.00 Noted in SS by (R Albini. c/- PDX)

ITALY 7306 08.10 Radio Europe.Pioltello noted by (R Scaglione,Sicily. c/- PDX)

MADERIA 5550 RdP // 603 Maderia. Noted by Dxer J Manilya listening in Puerte Ventura, Canary Is. 15 April 18.00-; 19 April 16.00-; Some special relay by Atlantic Fisherman ?. (via PDX) (Keep a ear on this freq. During Euro 2000 soccer tournament ED.)

SOMALIA 7012 Radio Gaalcacyo 17.00 sign off. Tentative logging by Ed here in Tauranga. Typical horn of Africa Mx and koran reading,

ZIMBABWE. Independent broadcasting station on SW due to be launched this week on June 14th with broadcasts in Shona, Ndebele and English. 17.00 - 19.15 On 7215 possibly via Sth Africa relay. (WOR)

PDX = PlayDX. WOR = World of Radio No 1040

English in Time Order with Yuri Muzyka

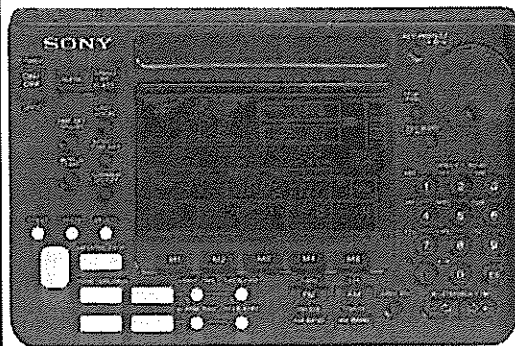
Time (UTC)	Frequencies (kHz)	Station Name	Station Country	Log Date	DXer Name
0000	13580	R Prague	CZECH REP	15/4	RP
0047 - 0056	11570	IBC Tamil	SRI LANKA?	1/6	BML
0100	9435	R Santec	GERMANY?	7/5	IC
0100	9640, 13650	RCI	CANADA	7/5	AMQ

0100 - 0130	11970	VOIRIB	IRAN	28/5	RP
0200	11700	R Bulgaria	BULGARIA	16/4	RP
0200	15170	RCI	CANADA	12/4	RP
0225 - 0226	11945, 11965	D/Welle	GERMANY	25/5	KVB
0236	9495	R Sweden	SWEDEN	13/5	CC
0241	11710	RAE	ARGENTINA	13/5	CC
0249	9605	Vatican Radio	VATICAN CITY	13/5	CC
0300	9640, 12045	R Ukraine Int	UKRAINE	17/5	IC
0300	15105	D/Welle	GERMANY	17/5	IC
0300	25950	KTM 556	USA?	11/5	BML
0303	9925	Croatian Radio	CROATIA	15/5	CC
0330	9640	R Ukraine Int	UKRAINE	17/4	RP
0330	15470	R Prague	CZECH REP	9/4	RP
0340	7125	V of Russia WS	RUSSIA	23/4	SHV
0345	11810	D/Welle	GERMANY	9/5	HJS
0400	13765, 15435	RCI	CANADA	11/5	HJS
0400	15565	RVI	BELGIUM	19/5	HJS
0407	17535	Kol Israel	ISRAEL	10/5	CC
0415	11835, 11975, 13765, 15215, 15345	RCI	CANADA	21/4	RP
0420	7120	BBC WS	UK	23/4	SHV
0425 - 0440	7150	RAI	ITALY	29/4	RP
0430	17740	RRI	ROMANIA	10/5	RP
0440	11870	R Yugoslavia	YUGOSLAVIA	17/5	AMQ
0500	7290	RCI	CANADA	13/4	RP
0500	9610	SRI	SWITZERLAND	17/4	RP
0500	11720	Channel Africa	SOUTH AFRICA	9/4	RP
0500	11765	BBCWS	UK	23/5	RP
0500	21570	NHK/R Japan	JAPAN	8/5	RP
0500 - 0530	5995	RCI	CANADA	19/4	RP
0500 - 0530	9595, 11710, 11830, 13755, 15330	RCI	CANADA	14/4	RP
0505 - 0530	6050	R Nigeria	NIGERIA	31/5	BML
0515	15110	R Kuwait	KUWAIT	-	???
0530	7385	R Santec	GERMANY?	7/5	IC
0530 - 0558	6015	R Austria Intl	AUSTRIA	25/4	RP
0538	5825	WEWN	USA	8/5	CC
0549	5975	R Japan	JAPAN	4/6	PGA
0556	7195	VOA	USA	23/4	SHV
0600	13650	WSHB	USA	8/4	RP
0600	17860	D/Welle	GERMANY	16/4	RP
0615 - 0620	15630	V of Greece	GREECE	21/4	RP
0630 - 0659	17655	VORWS	RUSSIA	7/5	RP
0645	6458(USB)	AFRTS	USA	21/5	CC
0655 - 0701	9550	R Habana	CUBA	27/5	CC
0700	15160	HCJB	ECUADOR	27/5	RP
0700	17550	R Slovakia Int	SLOVAKIA	21/4	RP

0730	17685, 21750	SRI	SWITZERLAND	21/4	RP
0800	9860	WSHB	USA	21/5	RP
0800	11765	KNLS	ALASKA	22/4	RP
0830	11720	RNZI	NEW ZEALAND	7/5	RP
0830	21765	ORF/ R Austria Int	AUSTRIA	8/4	RP
0840	15270	V of Armenia	ARMENIA	8/5	BML
0900	15410, 21640	D/Welle	GERMANY	16/4	RP
0900	15470	D/Welle	GERMANY	27/5	RP
0900	21745	R Prague	CZECH REP	21/4	RP
0930 - 0932	4890	NBC	PNG	19/5	CC
0912	3205	R Sandaun	PNG	3/6	BML
1000	11840	WSHB	USA	25/4	RP
1010	9840, 12020	V of Vietnam	VIETNAM	10/5	CC
1015	13700	AIR	INDIA	10/5	CC
1027 - 1030	11835	R Sri Lanka	SRI LANKA	15/5	KVB
1100	21455, 21515	Flat Earth Radio (Virgin)	GT BRITAIN?	6/5	IC
1105 - 1106	3365	R Milne Bay	PNG	31/5	KVB
1330 - 0000	13570	WINB	USA	23/5	IC
1335	9615	KNLS	ALASKA	20/5	CC
1345	6150	R Singapore Intl	SINGAPORE	20/5	CC
1402	9830	R Thailand	THAILAND	20/5	CC
1629	13630, 13675	R Dubai	UAE	13/5	CC
1630	13650	BBCWS	GT BRITAIN	-	AMQ
1637	6155, 13730	ORF	AUSTRIA	27/5	CC
1650	6145	RNZI	NZ	-	AMQ
1740	6065	R Sweden	SWEDEN	25/5	KAB
1812	3955	R Taipei Intl	TAIWAN	20/4	SHV
1820	4965	R Christian Voice	ZAMBIA	23/4	SHV
1828 - 1848	4915	Ghana BC	GHANA	17/5	DN
1845	15645	VOA	USA	-	TTS
1857 - 1903	3366	GBC Radio 2	GHANA	3/6	BML
1907 - 1912	4950	VOA	USA	12/5	KVB
1910 - 1913	6015	R Budapest	HUNGARY	15/5	KAB
1910 - 1930	3316	SLBS	SIERRA LEONE	3/6	BML
1915 - 1919	7410	AIR	INDIA	15/5	KAB
1930	5960	RVI	BELGIUM	15/5	KAB
1930	6065	R Sweden	SWEDEN	15/5	KAB
1930	9820	VORWS	RUSSIA	27/5	RP
1935	9730	RAI	ITALY	28/4	RP
1938	6065	R Sweden	SWEDEN	-	AMQ
1940 - 1955	5970	RAI	ITALY	27/4	RP
2000	9675	World Beacon	GT BRITAIN?	9/5	HJS
2000	11655	R Nederland	NETHERLANDS	27/5	RP
2000	13670, 15470, 17735, 17805	RCI	CANADA	22/4	RP
2000	13710, 13770, 15220, 17580	SRI	SWITZERLAND	16/4	RP

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2000	15110	CRI	CHINA	7/5	RP
2000	15485	VORWS	RUSSIA	6/5	RP
2000	17745	VOA	USA	29/4	RP
2016 - 2017	6095	VOA	USA	15/5	KAB
2020	11985	High Adventure Ministries	ECUADOR?	-	HJS
2022	3320	R Sonder Grense	STH AFRICA?	4/6	PGA
2025 - 2045	7125	RAI	ITALY	24/4	RP
2030	5995	RCI	CANADA	20/5	KAB
2030	11790, 12010	CRI	CHINA	27/5	RP
2030	11805	R Croatia	CROATIA	28/5	BML
2030 - 2100	6035	R Japan/NHK	JAPAN	22/5	RP
2035	5975	BBC WS	UK	20/5	KAB
2053	3390	BBC WS	UK	4/6	PGA
2100	9670	D/Welle	GERMANY	24/4	RP
2100	9810	R Japan	JAPAN	27/5	RP
2100	9840, 15285	REE	SPAIN	8/4	RP
2100	15110	CRI	CHINA	8/5	IC
2100	15120	WYFR	USA	6/5	RP
2100 - 2120	9525	VOT	TURKEY	22/4	RP
2106	4915	GBC	GHANA	4/6	PGA
2110	4950	VOA	USA	4/6	PGA
2130	9435, 15255	R Sweden	SWEDEN	9/4	RP

2130	9540	R Tirana	ALBANIA	28/5	RP
2130	11740	VOIRIB	IRAN	26/5	RP
2130	15185	VOA	USA	-	???
2130	15545	R Prague	CZECH REP	10/4	RP
2130	15550	KSDA	GUAM	22/4	RP
2136 - 2139	15255	R Sweden	SWEDEN	18/5	KVB
2140	9595	REE	SPAIN	28/5	HJS
2200	11900	RAI	ITALY	16/5	IC
2200 - 2235	17835	RCI	CANADA	-	???
2250	11600, 15545	R Prague	CZECH REP	14/5	CC
2300	11830	Vatican Radio	VATICAN CITY	16/5	IC
2300	11915	WWBS	USA	3/6	BML
2300	17695	RCI	CANADA	2/5	IC
2300	21790	D/Welle	GERMANY	26/5	RP
2330 - 2357	15105	R Romania Int	ROMANIA	17/4	RP
2334	15280	BBCWS	UK	29/5	KVB
2329	17695	RCI	CANADA	11/5	CC

BOOK REVIEW: THE AIB GLOBAL BROADCASTING GUIDE by Mike Butler

This is a neat 15 x 21cm booklet of around 30 pages setting out the schedules of international shortwave broadcasters in an easy-to-read format in alphabetical order of country then broadcaster's name. Included are postal, web and e-mail addresses as well as phone and fax numbers for each broadcaster.

Not included are English speaking DOMESTIC shortwave broadcasters such as the Solomon Islands Broadcasting Corporation, Papua New Guinea National Broadcasting Corporation, Radio Malaysia and Radio Nigeria. This may disappoint some listeners. Many private, mainly religious, stations are also excluded.

Although the target areas of transmissions are shown, no details of the locations of transmitting sites are given. This makes it impossible to estimate how well a frequency will work into your region-if yours is not in the target area - and even if it is!

The booklet is published in January and May. As the seasonal schedule changes occur close to the beginning of the months of November and April it means that at least three months of your year's listening will not be accurately served by the publication - ie. November, December and April. However, full marks must be accorded to the Global Broadcasting Guide for at least supplying an update - which is more than can be said for the two most prominent shortwave bibles!

Unlike local DX sessions and local monthly publications reporting ACTUAL reception, the booklet is unable to indicate whether a particular frequency will perform well at your location - so it is left to you to try all the frequencies listed. Also, stations sometimes make alterations AFTER the seasonal change-over date for which the booklet cannot possibly cover.

To attempt to ascertain the level of accuracy/freshness of the data supplied, I checked about 50 items against my log and found the following frequencies missing in the JANUARY issue:

1. first logged September 1999, rechecked February 2000 - Australia 11550 at 0900 UTC;
2. logged or checked November 1999, rechecked January or February 2000 - Austria 6015 at 0630 UTC, Thailand 9535 at 1900 UTC, Germany 12055 at 0900 UTC, Russia 9830 at 1900 UTC, Malta 7150 at 0702CEã-Vµ«n≥M4örd So the booklet is not infallible-but largely correct.

In having solely a country/broadcaster listing, this Guide of course cannot concisely tell you what reception is available to you during a particular hour. Only a listing by time will achieve this.

Despite these limitations, the little book will be useful to those who have no access to more local and comprehensive sources of shortwave information.

The price of the Guide is approx.\$NZ6.50 per issue or about \$NZ5.70 if a 2 year subscription is taken out - subject to the exchange rate. Precisely in British pounds - £1.95 for a single issue; £3.50 for two issues; £6.85 for 4 issues, all post paid to anywhere in the world.

Apply to Tom Waiters, Association for International Broadcasting, P.O.Box 4440, Walton,CO14 8BX, United Kingdom. Phone/Fax: +44 (0) 1255 676 996 E-mail: tom.waiters@aib.org.uk

REVIEW: SONY ICF-SW07 WORLD BAND RECEIVER

reviewed by John West

Labeled a "FM Stereo/SW/MW/LW PLL synthesized receiver", the Sony ICF-SW07 is a small pocket receiver designed principally for the (high-tech) traveler, and includes many features found on serious communications receivers.

CONCEPT

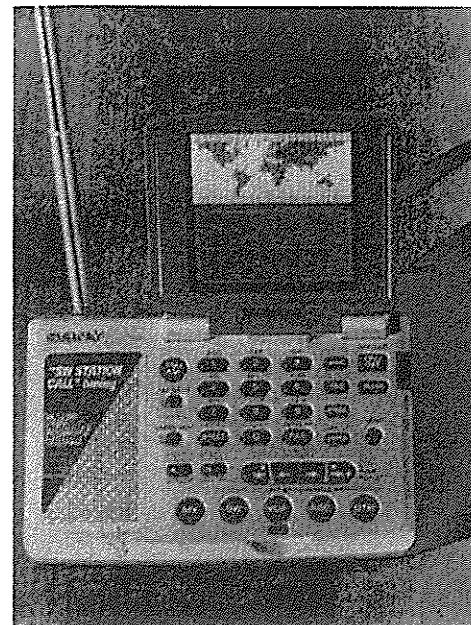
Sony have recognized that the most difficult factor in tuning shortwave is to find the best frequency for a particular station - because there are so many frequencies and they are being changed often. The SW07 is designed around a ROM (Read-Only Memory chip) which contains pre-programmed frequencies for BBC, VOA, DW and others. (The user can also select R. Nederland, RFI, R. Japan, REE Spain or CRI). To keep up to date Sony will produce a new ROM in October each year for users to purchase. The ROM will be programmed with those frequencies on which the station will be heard in a particular time-zone (region). The set can scan through all possible frequencies (of one of the stations above) and stop on the frequency giving the best reception.

A 6-character alphanumeric display allows the user to view/edit a station description label for each stored frequency.

BASIC SPECS

Frequency coverage: 150 - 29999 kHz (LW/MW/SW) and 76 - 108 MHz (FM). A back-lit LCD display gives a digital readout of frequency (to the nearest kHz on LW/MW/SW, or nearest 0.1 MHz on FM). There are a number of tuning modes: Manual, using "up-down" buttons, direct key-pad input of frequency, selecting the pre-programmed or user-programmed memory channels, and a SCAN mode.

Modes of demodulation: AM, FM, LSB/CW, USB plus synchronous AM (LSB or USB selectable). Power: 3VDC (2 x AA batteries) or optional AC power adapter. In addition to the pre-programmed memories mentioned above, there is 100 memory channels



available for the user to use ("MY" button).

There is a Line Out socket (3.5 mm stereo) for recording programs on an external tape recorder. If you have a stereo recorder, you can even record FM in stereo! A tone switch - music quality (also enables stereo reception in FM), and news quality (narrower audio bandwidth - mono reception in FM). A variable RF attenuator can be switched in and out. The external antenna socket (3.5 mm stereo) can supply power to the active antenna, if used, or a long wire can be connected to the inner pin. A world clock is provided so that you can fine the time in any time-zone around the world. The clock can also be programmed as an alarm clock - either to activate a beep or to turn the radio on. Weight is 257g with batteries.

The receiver comes with the following accessories: stereo earplugs, active

antenna (see below), leather carry case and Sony's Wave handbook (basically a sawn-off version of 'Passport to Worldband Radio') and an operating manual.

LOOP ACTIVE ANTENNA AN-LP2

The AN-LP2 is a broadband active receiving antenna designed for indoor use. Folded up, it measures 205 x 180 x 17.8 mm, but when opened up ready for use it has a diameter of about 490 mm. This antenna has a clip and a suction cap to enable it to be hooked up in a variety of places. Total weight is 236g including batteries and control unit. The AN-LP2 looks similar to an earlier model, the AN-LP1, however unlike it's predecessor, the AN-LP2 does not have a band selector - it simply operates between 3 to 27 MHz, continuously. This is a short-wave only antenna and does not perform well on MW, LW nor the FM band. The active antenna is powered by 2 x 1.5 V AA batteries, or via the receiver using the external antenna socket.

PERFORMANCE

RF performance is quite good. I was pleasantly surprised to be able to listen to MW DX with a modest length of wire connected (e.g. Radio Disney, USA on 1580kHz with 50ft of wire). The set is very good for SW reception. There is only a small delay for the system to lock when using AM synchronous detection, and the ability to select either sideband of an AM signal is a definite PLUS when trying to combat interference from an adjacent frequency. Resolving SSB signals is a breeze with this set, as the tuning steps are 100 Hz.

The built-in small speaker does not do the audio justice. For music lovers; when connected to HI-FI stereo headphones in FM, the audio quality is unbelievable.

GRIPES

To a new user, the set is not terribly user friendly (you need the manual!) — this set has all of the appeal of a multi-function calculator. The built-in speaker doesn't do justice to the audio

quality. The size of the volume control (a small thumbwheel on the side) is VERY small. One would expect that this may give problems after frequent use. There is no tuning knob (in the traditional sense), however the 2-stage (course/fine) up-down buttons work fairly well. Sadly for FM DXers, the external antenna socket does not work on FM.

OVERALL

My personal opinion is that this is an unusually good portable receiver with advanced features, designed specifically with the world traveler in mind and a price-tag to match. The ICF-SW07 retails at NZ\$999.00 (30/5/2000).

THAT CAN'T BE ME!" – TIMOR RADIO UPDATE

Taken from UNESCO's Internet Website 3/00

When children heard their own voices for the first time on radio, they could hardly believe their ears. Popping eyes said 'That's not me! It can't be!' But it was. Using only a single microphone connected to a cassette recorder, in turn plugged to a 20 watt FM transmitter, the signals went up the cable and radiated from a simple dipole antenna to the community for a few kilometres around.

This experiment was conducted in the streets of towns in East Timor - Manatuto, mainly with young children; in Baucau, at the municipal market with two CNRT (National Council for the Resistance of Timor) representatives explaining the concept of radio run, owned and managed by the community. In Lospalos, with the help of CNRT and Church leaders, over 60 people including farmers and young students, came on Sunday to discuss the possibilities of their making radio programmes. Asked about the use of radio, one farmer said 'We are in the fields all day, what can we know about the rest of the world without radio?'

Leading the experiments were Louie Tabing, Manager of the Philippines-based Tambuli Community Radio Foundation, and Romy Carballo, Senior Broadcast Engineer, also of Tambuli; Choy Arnaldo, UNESCO Headquarters and Griet Dierckxsens, UNV staff member of the UNTAET Office of Communication and Public Information (OCPI), Dili. Griet was especially helpful as her fluent bahasa quickly won people over to speak freely, and coaxed some bashful ones to sing. She also explained community radio and animated several discussions.

It was not simple at first to explain the difference between community radio and the transmissions of UNTAET radio available only in Dili and not yet in any of the districts. 'Community radio,' said Louie Tabing, 'is radio that is owned, managed and produced for the people and by the people.'

After meeting around the table, we invited the leaders to take the microphone and explain to the public on the air, what community radio was and what it could do for Baucau. They said it more eloquently than ourselves in Tetun and Bahasa.

Baucau was fortunate to have a strong District Administrator, Ms Sarwa Sultana whose dynamism and warmth were overwhelming. She organised a group of some 20 community representatives. She was able assisted by Ms Liezl Rich, District Field Officer (DFO), from South Africa who had done some work with community radio there. Many of her staff also attended the meeting and supported the ideas.

All the communities visited were eager to participate in the radio project. In Baucau and Lospalos, community leaders themselves took to the airwaves and explained the project

to the people gathered and to others listening on their radios. In Lospalos, some speakers also used a fourth language, Fatloka, from the Pacific.

'Costs would be greatly reduced by making use of the existing towers in all these districts,' suggested Liezl and Hugo. Fortunately the new country has inherited a vast and complex system of telecoms and broadcast towers, some with several buildings on the property. These could be used for a standby or daytime generator, transmitter hall, production studios and offices. In districts where the tower is located away from the town proper, such as Lospalos, suitable radio station premises will be identified in the town and a link will be installed to reach the transmitter.

UNESCO with funds-in-trust from Portugal and a contribution from USAID will provide training experts and equipment. The bigger contribution will be that of the community – their own time, skills, organisations to make programmes, run technical operations and take the day to day responsibility for overall management. 'It is easy to turn on the transmitter,' says Romy Carballo, 'It's much harder to turn on the community.'

Radio receivers remain a major problem. While there are a fair number in Baucau which was less damaged by the post referendum crisis, almost all radios in the other districts were stolen or destroyed. The slow rebuilding of the economy has not yet enabled people to buy radios. Batteries are rare or pricey. For the particular conditions in East Timor it is more relevant to select one of the several models of combined power sources – battery, solar panel, and wind-up generator, though these are still pegged at fairly high prices ranging from US\$35 to US\$60.

But even as these communities prepare for establishing their own radio, two important actions are running parallel: the finalisation of the East Timor Broadcasting Law which states how all broadcasting shall be organised in the country; and the revitalisation of district relay transmitters for the national programme of UNTAET Radio. The first two links are to be established in Baucau and Mallana in the month of March, while the law should reach its finalisation stages by early April. There may soon be new voices added to the airwaves in some districts, whereas up to now only Radio UNTAET and Radio Voz de Esperanza (also called Radio Falantil) radiate on FM in the capital and Radio Kamanek broadcasts on medium wave (1404 kHz).

The real reckoning in community radio is that people will have their own means to seek information as well as to provide information and communicate with each other. When there is free dialogue and free circulation of ideas, informed opinions can be made and decisions for cooperation taken. The basic processes of democracy can be reinforced from the bottom up. Radio, like any other means of communication can speed up the democratic process and make it real and reachable. Radio can make self-determination and self-empowerment a reality for all.

The World of Radio Rhema in 2000 *with David Ricquish, Wellington*

From Christchurch garage to Moscow and a lot more inbetween...

It all began with DXing....founder of Radio Rhema, Christchurch youth Richard Berry, used to listen to shortwave radio station HCJB from Quito, Ecuador. In the early 1960's, he began to wonder why such a radio station couldn't exist in New Zealand. His story of vision and sacrifice which resulted in one of the world's largest religious radio networks is inspiring (read a shortened version at <http://www.rhema.co.nz>)

From a mobile studio and 100 watt AM transmitter.....a one day broadcast in 1976 introduced Christchurch listeners to the music and talk format which has now become familiar to all New Zealand. Now, in 2000, there are three networks covering 92% of the population. Rhema Broadcasting Group owns 28 AM channels, leases 5 others, owns 28 FM channels, and leases another 9 for a total of 68 stations across the two main islands.

Radio Rhema is the core network, with Southern Star Network the second largest (with 50kW on 657 AM they have the most powerful commercial AM transmitter in the South Pacific) and Life FM concentrated in the Auckland / Waikato region.

UCB is the umbrella group.....which includes not only the three local networks, but also a growing worldwide influence. UCB is based in Auckland and has affiliates in the Pacific, Australia, UK, Russia and Estonia.

UCB Pacific Partne..(<http://www.pacificpartners.org/cg/MainMenu>) is a registered charity in Auckland, Nadi (Fiji) and Kingman, AZ (USA) operating A3R Radio (93.1 FM, 200 watts) in Nuku'alofa, Tonga. In this tiny pacific kingdom, media is severely regulated and all commercial activity ceases on Sundays. In this very conservative nation, 93FM complements state owned media with a mostly music and educational format. A bible training outreach is centered in Fiji.

Vision FM covers Austral.....(<http://www.visionfm.com.au>) since 1999 with 30 low powered FM stations (mainly in Queensland, northern NSW and northern Western Australia) and a Channel 18 audio feed on the Optus B3 satellite system.

Serving small towns, rural areas and increasingly coastal resort areas, Vision FM has an easy listening music format, distributed from the Brisbane studios. Expanding rapidly, Vision FM holds more than another 100+ low powered FM licences across the country and is emerging as the second largest network after ABC Radio.

Radio Rhema is here too...with 30 community groups in larger towns and cities franchising the Rhema FM name. Around 15 broadcast permanently with another 15 using short-term licences as a step along the way towards gaining fulltime frequencies. More local groups are planning to take the Rhema brand into all the major metropolitan cities.

In Europe, UCB is also expanding.....from original timeshare on Manx Radio (1368 AM) and on AM/FM Irish stations, UCB Europe now broadcasts two non-commercial 24 hour NSP networks.

One has the same format as Radio Rhema (NZ) and is carried from this month on the SKY Digital satellite system (SKY Sports1 audio 7.56MHz). The other is Crossrhythms, similar to the Life FM format in New Zealand. The networks are also carried on the Dream Family Network, part of Christian Channel Europe.

Future plans are for FM coverage throughout the UK and Ireland to complement satellite service. Based in Stoke-on-Trent, the UCB Europe facility covers three hectares with studios, technical and outreach services (<http://www.ucb.co.uk>) to underpin efforts in Eastern Europe as well.

Raadio 7 covers the Baltic state of Estonia.....from Tallinn, this FM network began in 1995 with help from Swedish based IBRA, currently operates on 103.1 FM with 1kW and is about to expand into four more cities with new licences. Format is similar to Radio Rhema (NZ) with international music.

and finally to Moscow.....where Radio Teos (<http://www.teos.org.ru/>) uses 20kW on 1134 AM from Kurkino in the Moscow region, as well as 20kW on 1089 AM for St.Petersburg. Broadcasting since 1993, Radio Teos is 30% financially supported by local listeners, and you

can hear them via RealAudio at their website.

Radio Teos has also begun a TV channel carried on the Petrony Cable TV system in St.Petersburg and surrounding cities such as Novgorod and Pskov. Satellite broadcasts of the AM programs are planned soon, for retransmission via AM and FM stations in cities west of the Urals.

From Christchurch NZ to the heart of Moscow.....is a journey which reflects one of the most successful radio format franchising stories. Avoiding the small audiences of traditional SW religious broadcasters, and with little or no fanfare, Radio Rhema continues to expand with potentially hundreds of stations broadcasting locally worldwide. As a combined missionary and commercial outreach, Radio Rhema is an amazing success story.

And they QSL.....perhaps reflecting the early inspiration of HCJB, Radio Rhema has great QSL cards for their stations. As the designer of their very first QSL card for that 1976 broadcast, this DXer is pleased to see old traditions carried through into the high tech world of today. Richard Berry would be pleased.

Member E-mail Addresses

To facilitate communications between members who have an email address, hereunder is a list of known addresses. If your name is not on the list and you wish to be, or the address is incorrect, please send your email address or correction to Treasurer@radiodx.com E M A I L ADDRESSES NZRDXL MEMBERS

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Barton	Keith	Ingle Farm, AU	ksbarton@hotmail.com	
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Burtenshaw	Sutton	Hamilton, NZ	suttonb@xtra.co.nz	z14qj@i4free.co.nz
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Wright	Chris	Christchurch, NZ	chrisw@inet.net.nz

League Ladders with Peter Grenfell in Oamaru

Welcome to mid-winter. Winners for the six-monthly competition are Medium Wave. Laurie Boyer. Intermediate Paul Peacock. Shortwave. Ian Cattermole. Intermediate Arthur de Maine. A warm welcome to Sutton Burtenshaw now in Hamilton.

MEDIUM WAVE	QSLs	INC	CNTS	SHORTWAVE	QSLs	INC	CNTS
OPEN (Over 500)				OPEN (Over500)			
Laurie Boyer	3972	28	137	Ian Cattermole	3811	134	197
Keith Robinson	2929	11	157	Jack Searle	2315	24	207
Paul Ormandy	1484		139	Paul Ormandy	1600	1	234
Sutton Burtenshaw	943		102	Laurie Boyer	1750	56	183
George Beardsmore	802		61	John Campbell	1597		260
Bryan Clark	673		120	Bryan Clark	1545		236
Mark Nicholls	643		67	Lindsay Robinson	1420	5	169
John Campbell	641		129	Brian Withers	1297		128
Paul Aronsen	529			Mike Smith	1218		133
Lindsay Robinson	524		56	Ross Gibson	1055		162
SENIOR (301-500)				Graeme Dixon	916		117
Peter Grenfell	443		37	Paul Peacock	841	3	123
Stuart Forsyth	413		39	Paul Aronsen	733		
Brian Withers	411		51	Peter Grenfell	653		133
INTERMEDIATE (151-300)				Ian Wells	582		133
Jack Searle	294		35	SENIOR (301-500)			
Andy McQueen	295		21	Bernd Henning	372		90
Robert Krijger	228		13	Andy McQueen	368		103
Mike Smith	194		18	Bob Boundy	400		91
Paul Peacock	193	7	16	Chris Elliot	301		78
JUNIOR (5-150)				INTERMEDIATE (151-300)			
Ian Wells	108	1	5	Stuart Forsyth	283		87
Adam Claydon	71		4	Arthur de Maine	250	14	90
Arthur de Maine	50		10	Ashley Gulbransen	193		75
Chris Elliott	15		3	Keith Robinson	190	4	181
FM-TELEVISION				JUNIOR (5-150)			
Brian Withers	899		9	George Beardsmore	129		68
Robert Krijger	678		6	Adam Claydon	123		40
Bryan Clark	148		5	Mark Nicholls	121		55
Paul Ormandy	110		5	Daniel Bloomfield	13		11
Paul Peacock	65		2				
Adam Claydon	49		1				
Mark Nicholls	42		2				
Mike Smith	33		2				
Andy McQueen	29		2				

Peter Grenfell, 1 Stour Street, OAMARU.
PH/FAX (03) 4345907

NEW ZEALAND RADIO DX LEAGUE (Inc.)

The New Zealand Radio DX League (Inc.) is a non-profit organisation founded in 1948 with the main aim of promoting the hobby of Radio DXing. NZRDXL is a founding member of the *South Pacific Association of Radio Clubs (SPARC)*.

The NZRDXL is administered from Auckland by:
NZRDXL AdCom, PO Box 3011, Auckland
Patron - Jack Fox

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

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

Annual Membership:

Within New Zealand - NZ\$35.00.

Australia/Pacific Islands - A\$35.00

Asia/North America - US\$30.00

Rest of World - US\$33.00

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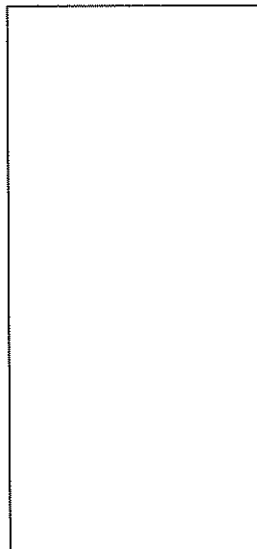
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