



New Zealand DX Times

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<http://radiodx.com>



Station Profile - Radio Samoa Auckland

Radio Samoa based in Auckland broadcasts on two frequencies. 1593kHz has a transmitting power of 5 kilowatts. This covers the greater Auckland region, stretching north to Whangarei and south to the Waikato area. 88.2FM is a 300 milliwatt transmitter. Radio Samoa delivers comprehensive coverage of Samoan community based programmes in Current Events, Sports, Education, Religion, Health, Immigration, Law, Samoan traditions, language and culture and other relevant programmes to the community. The initiative to set up Radio Samoa came from a clearly defined need in the community to closely inform the Samoan people living in New Zealand on a regular basis on important issues pertaining to their every-day lives. Radio Samoa also plays an active role in strengthening family ties, connecting people to people, people to businesses and vital social services such as health and education, and promoting close relations between Samoans living in New Zealand and Samoans living in Samoa. Statistics show that 67% of the Samoan people in New Zealand live in Auckland.

Location: 37 Mt. Eden Rd. Mt Eden. Auckland
Phone: Office: (09) 377 1592
On Air Studios: (09) 377 1593
Fax: (09) 377 1597

Email:

studio@radiosamoa.co.nz

Newsroom@radiosamoa.co.nz

Postal P.O. Box 200-105

Papatoetoe Central,

Auckland Website:

www.radiosamoa.co.nz



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Contribution deadline for next issue is Wed 3rd October 2001 PO Box 3011, Auckland



talkback@radiodx.com

Compiled by
David Ricquish
Wellington

The Listener (August 4) published a full page article on the BBC shortwave shut down of Pacific services which included interviews with **Vice-President Bryan Clark** and **Talkback Editor David Ricquish** as well as mention of the NZRDXL. Entitled 'Peeved at the Beeb' the article also interviewed local **BBC spokesman Vince Geddes** who claimed he'd never met a shortwave listener in all his years, and regarded such people as similar to trainspotters. Rather sad that the BBC should now insult loyal listeners who simply want to continue to hear shortwave broadcasts.

In **Fiji**, the BBC's retreat from the Pacific continued in early August, when local **Fiji TV** simply dumped the relay with little notice. The replacement is CCTV9, the state-run central TV network from Beijing, China. The service is in English and replaces the BBC from 10pm to 3pm local time daily.

Anxious to have something broadcasting somewhere in the Pacific, the British government quickly offered a free relay of the BBC to **Solomon Telekom Limited** who would otherwise be unable to afford any service at all. The new service begins in Honiara shortly.

It's a bumpy time on Pacific airwaves. **RFO French Polynesia** had its radio and TV services dumped from Polysat in early August, in a dispute with the French Polynesian government over who pays the satellite costs. RFO quickly agreed to fund the service, but on a temporary basis until October 15.

Meanwhile, local **Tahiti Nui TV** continued its broadcasts via Tahiti Nui Sat to the outer islands uninterrupted. TNTV is funded by the French Polynesian government.

George Beardsmore, Dunedin notes that the independent **Otago Daily Times** also picked up NZRDXL press releases on the BBC issue and ran an article during July. INL newspapers in NZ, Australia and the UK have conspicuously avoided the story. George says 'any Points System devised in the past have inherent flaws. I feel it's reasonable to allocate points for individual countries and transmitter power, but these are only two factors. The ERP of the transmitter, transmitter location (eg: landlocked valley v sea level), apart from weather conditions as well as a DXer's equipment and location all enter into one's perception of the best QSL for competitions'

He suggests a formula based on the usual country/transmitter points, but multiplied by a subjective number (1-10) based on the judgement of the section editor involved. 'There'll never be a true solution' adds George!

Jack Searle, Haumoana writes 'the first instalment of the **Pacific Radio Heritage Collection** brought back a few memories, and I'm looking forward with anticipation to future episodes.

I regularly listened to **I2M** which was operated by the AFRS. I used to be intrigued by the ID's in an American accent as '1 Zee M broadcasting from downtown Auckland' as I'd never been to Auckland, and it seemed so exotic, just like KNX and KFI which were quite familiar to me as a DXer. Also listenable nearly every night were signals from the 'Mosquito Network' station in New Caledonia. (Note: **AEF/AES/WVUS Noumea**)

Shortly afterwards, I was posted to **Torokina** on Bougainville, where allied forces occupied but a small point on Empress Augusta Bay, but where a small radio station was already operating. (note: **WSSO/WVTI** of the Jungle Network, later replaced by **9AC** of the

Australian Army Amenities Service)

Six weeks later our entire unit moved north to the St. Matthias Islands (**Emirau**), and operated alongside a US Marine Air Group. Our island was a small dot in the ocean, but already boasted its own Jungle Network radio station. The station was great for morale, and although the programs were all American, we accepted that in those days.

I always thought the 'Jungle Network' ID was over the top, as no-one other than those on Emirau were ever likely to hear the station. (Many thanks for your memories Jack. We know of **AKAY/WTD Manus Island** which is west of Emirau, but have no record of any station on Emirau itself. Another station is reported to have operated at **Kavieng** to the east of Emirau, but we've no information about this one either. Any info about the Emirau and Kavieng stations would be helpful).

Andy Gardner, Manzanillo, Mexico checks in with news of his family move to the Pacific coast 'we've found a great place on a hill, and there's gonna be some big aerals appearing. I've just bought a Drake R8B that's being picked up in Texas and brought down here this week. Wahoo!' (Great news Andy. Hey, you'll be able to hear 2YB Access 783 and all those other Zedders you never logged down here hi!)

Stuart Forsyth, Wellington has been seen in a trendy waterfront café avidly reading the DX Times and heard mumbling about fixing loop aerals, finding his radio and attempting to log the 100 watt BBC locals which eluded him in Kent. (Welcome back Stu, and to the joys of teaching les neo-zelandais the finer points of le langue francais. Bon chance mon ami)

Steve Rawdon, Wellington writes 'always enjoy your articles! Although I don't send much to the DX Times these days, I still listen on my trusty Drake R7A, now almost 20 years old' (Thanks for the kind words Steve, now if we can just get a DX forecast included in your bulletins from time to time!).

Ken Baird, Christchurch continues our bumper reader content this issue with 'just a comment about the recent rise in activity logging pirate broadcasts. **Pirate broadcasters are illegal**, they don't conform to originating country laws, nor ITU Regulations. Should the NZRDXL, as a responsible group be supporting such illegal activity? If pirate broadcasting gains widespread recognition, already crowded bands will end up a complete mess. It's only the disciplined approach of legal broadcasters that keeps the SW spectrum as orderly as it is. I've noticed that 'Ripple' has covered pirate broadcasting to the exclusion of everything else lately. I don't think this is what Ripple was set up for. With its wide circulation, it could give the impression that the NZRDXL are a bunch of cowboys who support illegal activity. This reflects badly on membership as a whole. I'd never award a BOM for a pirate station. **Pirate radio stations may be different and fun to listen to, but it has to be remembered that they're illegal**'.

('Ripple' is an email newsgroup for SW listeners worldwide, provided as a free service by the NZRDXL, and whose content reflects the opinions of those who use it, not necessarily the NZRDXL. So, by listening to, sending reports to and getting QSLs from, and talking about pirate radio stations, are we encouraging "illegal" 'activity? What does 'illegal' mean anyway? Should pirates be counted as BOMs?. All I'll say right now is that without Radio Hauraki, Radio Caroline and countless others like them, we'd still be in the Dark Ages of media freedom!)

Whilst **Radio New Zealand's National Radio** services have been disrupted by industrial action (resulting in BBC relays to fill the gaps), **Australia's ABC** have announced the biggest boost to Local Radio in decades.

Two new regional stations (**Ballarat, Vic and Narrogin or Katanning WA**) will sign on, 50 new programers are being recruited for 12 stations and over 10,000 hours of local radio programs will now be broadcast each year.

The decision 'confirms the ABC's commitment to increase services in regional Australia, increases capacity to cover local emergencies and boosts regional employment.' Increased web streaming of programs, and content rich local websites will flow from the increased funding. (A cynic would suggest it's election year in Australia!).

Radio Samoa, Auckland is the new station in town. Using the UCB frequency of 1593 AM with 5kW, plus 88.1 FM, this is the only fulltime Samoan station outside Samoa itself. Check out their well designed website also: www.radiosamoa.co.nz for a taste of the tropics. (Thanks to **Paul Ormandy, Oamaru** for alerting us to this one).

Paul Aronsen, Invercargill sends the latest *Southland DX Digest* which begins its 65th year of continuous publication this month! Congratulations to Southland Branch for an effort which continues to tell the local story of the hobby after all these years. The 1948 AGM featured fresh oysters on the menu! The future of the Tiwai Listening Post is shaky, with little or no use of the facility and the Branch paying \$225 to DOC each year to maintain access

Website wins Hitwise Top 10 Award for April-June 2001 Quarter! In the Lifestyle- Hobbies and Crafts category for New Zealand, www.radiodx.com was the 4th most popular site which is great news for the club and professional recognition of the work put into the site by **Paul Ormandy**. Members who visit the site already know that it's developing into a full online resource about DXing in the Pacific. We're using the site to build increased global membership for the club, and becoming known as a place to visit for Pacific radio information. Recently, a Brisbane PR firm came to us first when looking for radio station contacts in the Pacific!



bandwatch.under9@radiodx.com

Compiled by
Ken Baird
Christchurch

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

- 3025 1856 NTH KOREA, Frontline Soldiers' Radio(tent) fair/poor in Korean with Asian songs, 1901 martial music and speech — KVB 17/8
- 3200 1844 SWAZILAND??? TWR poor in EE with relig prgm, T?S at 1900 — KVB 31/8
- 3210 0602 USA, WWCR in EE with ID 0602 — GR 2/8
- 3215 0550 USA, WWCR with news in EE at 0600 . QSY to 3210 at 0602 — GR 2/8
- 3265 0945 INDONESIA, RRI Gorontalo good in dialects — IC 9/8
- 3310 1030 BOLIVIA, R Mosoj Chaskifair with talk prgm, ID 1055 — RC 10/8
- 3320 1940 STH AFRICA, Sonder Grense via Meyerton good in Africaans with classical music RC 7/8
- 3330 0740 CANADA, CHU time signal, fair — GR 29/7
- 3345 1300 INDONESIA, RRI Ternate good in Indonesian YL & OM with comment KAB 13/8

- 3365 0928 PNG, R Milne Bay good in EE with local news and messages, ref to Milne Bay 0932 — KVB 26/8
- 3905 1008 PNG, R New Ireland fair in EE/Tok Pisin with news ID 1012 — KVB 23/8
- 3912 1320 STH KOREA, V of the People clandestine weak but clear in Korean, no sign of jamming — KAB 6/8
- 3975 1758 HUNGARY, R Budapest fair in Hungarian, IS 1759, 1800 ID then news KVB 18/8
- 3976 1315 INDONESIA, RRI Pontianak fair in Indonesian with comment — KAB 13/8
- 4725 1357 MYANMAR, R Myanmar weak in EE with comment, ID 1400 with address for letters — KAB 5/8
- 4747 0958 PERU, R Huanta fair in Spanish and Quechua with ads, spoken prgm and local music, ID 1003, 1004 — KVB 30/7
- 4775 1013 PERU, R Tarma fair/poor in Spanish, lively format with ads, rooster, UTE QRM 1027, ID 1023 — KVB 30/7
- 4777 1857 INDONESIA, RRI Djakarta fair in Indonesian with notices or ads, ID 1859 KVB 2/9
- 4782 1010 ECUADOR, R Oriental fair with vocals and many IDs — RC 14/8
- 4785 0905 BRAZIL, R Caiari v good in Portuguese — IC 16/8
- 4789 0840 INDONESIA, RRI Fak Fak fair in Indonesian — IC 28/7
- 4790 1642 PAKISTAN, Azad Kashmir Radio fair with Indian style music, ID 1648 in Kashmiri KAB 17/8
- 4795 1017 BOLIVIA, R Mailko with solo panpipe/block drum items, ID 1032 — TK 19/8
- 4800 1030 GUATEMALA, R Buenas Nuevas fair/good with vocals, big ID 1128 with frequencies — RC 14/8
- 1430 INDIA, AIR Chennai good in Hindi with news and Indian music — KAB 17/8
- 4800.61201 ARGENTINA, R Armonia fair in Spanish with ID at 1202 followed by news, noisy KAB 14/8
- 4805 1040 BRAZIL, R Dif do Amazonas fair with vocals and big ID 1050 — RC 12/8
- 4815 0605 BRAZIL, R Difusora poor with news in Portuguese — JSB 4/8
- 4835 0741 AUSTRALIA, ABC Alice Springs with news and music in EE — GR 6/8
- 4845 0250 BRAZIL, R Cultura Ondas Tropicias vocals then ID and s/off in Portuguese — RAD 4/8
- 0825 BRAZIL, R Meteorologia fair in Portuguese, good ID at 0856 — IC 11/8
- 1816 MAURITANIA, R Mauritanie poor in Arabic with music, v weak and noisy — KAB 19/8
- 4855 1000 PERU, R La Hora good with lots of talk in Spanish — RC 6/8
- 4865 0620 BRAZIL, R Alvorafa with Portuguese relig prgm and ID, only signal on otherwise dead tropical band — DN 11/8
- 0710 BRAZIL, R Missoes Do Amazoniz fair/good in Portuguese — IC 30/7
- 1115 BRAZIL, R Verdes Floresta good with news prgm — RC 10/8
- 4870 1216 SRI LANKA, SLBC poor with "Indian" style music, mention of Colombo, Sri Lanka // 4902 — KAB 14/8
- 4875 0945 BOLIVIA, R La Cruz del Sur fair/good in vernac and Spanish with music, ID 1000 KVB 21/8
- 4885 0930 BRAZIL, R Diff Acreana v good with many lds and vocals — RC 6/8
- 4890 0800 PNG, Port Moresby fair with ID Island music, news at 0802 — JSB 14/8
- 0848 PNG, Port Moresby relig prgm in EE/Tok Piusin. At 0900 full IDs news RAD 29/7
- 1320 PNG, Port Moresby good in EE with light music — KAB 13/8

- 4902 1250 SRI LANKA, fair/good with news in EE at 1300 — RC 10/8
- 4905 1130 PERU, R La Oroyagood with several IDs and talk prgm — RC 8/8
- 4910 0750 AUSTRALIA, ABC Tennant Creek // 4835, fair — GR 6/8
1650 ZAMBIA, ZBC poor in EE with music and EE comment. ID 1700 followed by singing, very noisy — KAB 19/8
- 4919 1320 ECUADOR, R Quito fair in Spanish with comment — KAB 13/8
- 4926 0904 BOLIVIA, R San Miguel poor/fair in Spanish, upbeat music, rooster, Andean music with frequent canned IDs- KVB 21/8
- 4939 0910 BOLIVIA, R Norte fair in Spanish — IC 16/8
- 4940 0943 VENEZUELA, R Amazonas good with usual guitar music — TK 19/8
1255 SRI LANKA, good oner AIR, ID 1300 — RC 10/8
- 4950 0032 ANGOLA, R Nacional de Angola with talk in Portuguese and vocals. At 0100, time pips, ID , news — RAD 25/7
1225 CHINA, V of Pujiang fair in Chinese with Chinese music, ID 1229 — KAB 14/8
1907 SAO TOME, VOA fair in EE with news, ID 1912, 1915 — KVB 17/8
- 4960 1100 ECUADOR, R Federacion opens in Spanish at good level — IC 25/8
1130 ECUADOR, R Federacion, Susua with announcements in Shuar dialect, mention of Ecuador, monotone chanting items, strong — TK 19/8
- 4965 1901 ZAMBIA, R Christian Voice poor in EE with news and short stories, ID 1904/1908 KVB 22/8
- 4992 0929 PERU, R Ancash fair in Spanish with local music and lively announcer, ID 0942 KVB 13/8
- 4995.60315 PERU, R Andina with ID and Spanish talk on housing — RAD 3/8
1004 PERU, R Andina fair in Spanish with local music and ads, ID 1011 — KVB 19/8
- 5030 0745 COSTA RICA, University Network v good in EE — JSB 14/8
0925 COSTA RICA, University Network good with Dr Gene Scott — RC 12/8
- 5035 0914 BRAZIL, R Aparecida fair in Portuguese with local songs and spoken prgm, ID 0920 — KVB 26/8
0930 BRAZIL, R Aparecida fair with vocals and relig talk — RC 12/8
0948 BRAZIL, R Clube Paranaense good in Portuguese with phone-in, ID 0958 and swamped by WHRI 0959 — KVB 23/8
- 5800.20315 EUROPE, Pirate R Free London numerous ids and pop music, poorRAD 4/8
- 5924.51301 VIETNAM, V of Vietnam fair in Vietnamese, ID 1301 and spoken prgm KAB 15/8
- 5927 1410 BOLIVIA, Radio Dif Minería fair in Spanish with vocals, ID 1415 then change to Quechua — KAB 17/8
- 5950 0310 USA, R Taipei Intl v good in EE with news on airport — JSB 4/8
0740 USA, R Taipei Intl via WYFR in EE with Chinese lesson, v good — JSB 14/8
- 5955 1416 SRI LANKA, VOA in unid language with translations from EE in US accent, fair with QRM — KAB 17/8
- 5965 0557 BRAZIL, R Nova Visao relaying R Trans Mundial, poor/fair with ID, heard past 0700 with music and relig prgm — PWO 8/8
1305 CHINA, CRI in unid language, v good with what sounded like news, ID 1315 then different prgm — KAB 15/8
- 5975 1317 STH KOREA, RKI fair with co-channel QRM, in Chinese with spoken prgm, ID 1322 — KAB 15/8
- 5980 0735 CUBA, Partido Comunista Cuba v good in SS with consumer price infoJSB 14/8

5995 0500 PERU, R Melodia music with intr in Spanish and EE, plenty of IDs — JSB 1/9
6010 0735 MEXICO, R Mil good with oldies in Spanish — RC 12/8
0851 MEXICO, R Mil with music and ID in Spanish, good — RAD 29/7
6020 1324 AUSTRALIA, R Australia v good in EE with talk on music — KAB 15/8
6040 0750 BRAZIL, R Clube Paranaense fair with vocals and big ID 0800 — RC 8/8
6055 0400 SPAIN, REE v good in Spanish with v good audio // 6125 — JSb1/9
6060 0903 ARGENTINA, R Nacional fair in Spanish with classical music, ID 0908 KVB 15/8
6062 0725 BRAZIL, R Vtupi v good in Portuguese with relig talk — RC 5/8
6065 1735 SWEDEN, R Sweden fair in EE ID and report on Israel, QRM a problem CC 1/9
6070 0724 CHILE, R Voz Cristiana with church in Spanish — JSB 14/8
6090 0850 CHILE, R Esperenza with vocals mixed with Caribbean Beacon — RC 6/8
6100 0650 NIGERIA, R Borno fair with news in EE at 0700 — RC 7/8
6145 0800 RUSSIA, V of Russia v good in Russian to East Asia — JSB 14/8
6150 0720 COSTA RICA, University Network good with Dr Gene Scott — RC 22/7
0930 BRAZIL, R Record good but under University Network — IC 9/8
1232 SINGAPORE, R Singapore Intl fair in EE Market Rpt ID1234, some QRN CC 30/7
2307 SINGAPORE, News Radio 938 relay with frequent lds, with EE news and traffic tips etc — RAD 1/8
6154 0900 INDONESIA, RRI Biakj good with Koran chants — RC 7/8
6155 0410 ROMANIA, R Romania Intl fair in EE with classical music, ID — JSB 1/9
6165 0415 Netherland Antilles, RN v ggod in Dutch with news — JSB 1/9
6170 0840 BRAZIL, R Cultura strong in Portuguese — IC 7/8
0910 BRAZIL, R Cultura good with vocals and many lds — RC 7/8
6180 0800 BRAZIL, R Nacional de Amazonia good in Portuguese, great music with ID at 0801 — RP# 28/7
0830 BRAZIL, R Natl Amazonia with plenty of lds, v good in Portuguese — JSB 14/8
0930 BRAZIL, Nacional Amazonia strong in Portuguese — IC 9/8
6185 0420 MEXICO, R Educacion fair with flute and drum music, some fading — JSB 1/9
0640 MEXICO, R Educacion with 70's songs in EE, v good — JSB 4/8
0855 MEXICO, R Educacion poor/fair in Spanish with childrens' songs and play, ID & Sked 0902 — KVB 16/8
6200 2030 IRAN, VOIRI good in Arabic — IC 13/8
6350 0423 ARGENTINA, R Argentina fair but mixing with AFN, ID in Spanish 0425 JSB 1/9
0700 HAWAII, AFN on USB in EE fair with news and phone-in — RP# 28/7
6797.50139 PERU, Ondas del Rio Mayo vocals with long talks between selections. Long s/ off at 0205, poor/fair — RAD 28/7
6955 0207 USA, Pirate KIPM on USB ID and Outer Limits theme music, v good RAD 11/8
0312 USA, pirate Psycho Radio on after KIPM fair jingles and e-mail addr. RAD 11/8
0723 USA, Pirate KIPM on USB with ID and US postal address, great signal though drifting off freq. _ DN 11/8
7105 0336 ASCENSION IS, VOA with news in EE — RAD 2/8
7110 0445 INDIA, AIR Delhi music and comment in Hindi, good with some fading JSB 1/9
7150 0300 UKRAINE, R Ukraine Intl fair in EE — IC 7/8
2100 INDIA, AIR Delhi good in EE — IC 8/8
7160 0700 ASCENSION IS, BBC WS with Good Morning Africa in EE — JSB 14/8
1532 CHINA, CRI fair in EE with talk about cell-phones // 9785 clearer — CC 25/8

- 7185 0515 STH AFRICA, R Sondergrense in Africaans with folk music with ID — JSB 4/8
 7190 0530 MOROCCO, VOA with sports results, v good — JSB 4/8
 7200 0315 SUDAN, R Omdurman nice music Arabic talk ID and news at 0330 RAD 8/8
 7210 0340 BELARUS, R Stalitsa with IS, ID and news. Covered by BBC 0357. poor but // 11960 fair- RAD 28/7
 7230 0535 UK, NHK/R Japan via Skelton in EE to Eastern Europe with classical music, fair JSB 4/8
 2130 SERBIA, R Yugoslavia v good in Serb — IC 8/8
 7250 0500 VATICAN, R Vaticana good in EE — IC 29/7
 7255 0615 NIGERIA, V of Nigeria with African jazz and ID, good — DN 10/8
 7270 0320 TURKEY, V of Turkey good with a music prgm — JSB 4/8
 7275 0540 TUNISIA, RTV Tunisienne in Arabic with eastern music, fair with ID — JSB 4/8
 2130 SPAIN, REE v good in Spanish — IC 8/8
 7305 0330 VATICAN, Vatican Radio in Spanish v good with news — JSB 4/8
 7345 0300 CZECH REP, R Prague good in EE with poor audio after trumpet IS and ID // 7385 better — JSB 4/8
 7405 0800 USA, R Marti good in Spanish // 9805, 6030, 5980 all heard — IC 29/7
 7460 0644 ALGERIA, Western Sahara National Radio good in Arabic with strong co-channel QRM from WWCR, gave postal address — IC 13/8
 7465 0537 NORWAY, R Denmark good in Danish with music and talk // 11615 - CC 10/8

Thanks to all the contributors for this month.. 73's, Ken Baird

CONTRIBUTORS FOR THIS MONTH

CC - Cliff Couch, Paraparumu, ATS 803A, 60m horizontal loop, 2x30m wires N/S & E/W: **DN** — Dave Norrie, Auckland, AOR 7030, T2FD, 25m longwire with balun, 12m vertical : **GR** — George Rolton, Hampden, Nth Otago, DX 302, Long wire and vertical : **IC** — Ian Cattermole, Blenheim, JRC NRD 535, T2FD and Alpha Delta antennas: **JSB** — Jon Standingbear, Beaumont CA, USA, JRC NRD 345, Palstar R30, long wires, dipole : **KAB** - Ken Baird, Christchurch, R5000, Drake SW2, 15m wire, Eavesdropper: **KVB** — Kelvin Brayshaw, Levin, Collins 51J4, 40m&70m horizontal Loops : **PWO** — Paul Ormandy, Oamaru, SPR4, Numerous antennas : **RAD** — Richard D'Angelo, Wyomissing, USA, Drake R8B, Lowe HF 150, Alpha Delta Sloper, RF Systems mini window, Datong FL3, JPS ANC-4 : **RC** — Ray Crawford, Queensland, Australia, Drake SPR4, Sangean 818, Beverage and dipoles : **RP** — Robert Park, Lower Hutt, R1000, 40ft longwire : **TK** — Tony King, Greytown, Sony 7600D, bedspring base of hospital bed antenna.

Contributions to this column may be sent to
 PO Box 3011, Auckland or

K A Baird,

10 Sarabande Avenue, Christchurch, 5.

Ph: +64 3 352 6455, FAX: +64 3 354 1347,

e-mail to ka.baird@xtra.co.nz



Hello from Trentham where it is all quiet and peaceful. An interesting feature about this months reports is the popularity of some bands and not others . Why is it that hardly anything is heard on the 13 & 17 mHz bands? and yet others are very busy. All times reported are UTC

KHZ	TIME	COUNTRY STATION & PGM DETAILS	INITIALS
9475	0213	EGYPT R Cairo Fair in EE Id & chanting with Time pips & News 0215 28/8 CC	
9540	0200	SPAIN REE Excellent in SS 18/8 JSB	
9540	2129	ALBANIA R Tirana Fair opening in EE with Id & transmission details 12/8 CC	
9550	0215	BRAZIL R Rio Grande do Sul Good with News in SS not PP 18/8 JSB	
9553	0702	BRAZIL R Nova Visao Never heard so strong before. Religious pgm in PP in // 5965 but no sign of 11735 8/8 PWO (Is this a new freq. for them? - Ed)	
9570	2130	IRAN. VOIRI. Very good in EE. 14/8 IC	
	2130	Excellent in EE with pgm preview and News 11/8 PWO	
9595	0830	JAPAN R Tampa Good in JJ with all spoken pgm // 6055 weak 28/7 RAD	
9610	0245	SEYCHELLES. BBC opens at this time in EE. 15/8 IC	
9610	0400	IRAN. Voice of Palestinian Islamic Revolution. Using VOIRI facilities and anti Arafat. Strong in AA swamping co-channel SRI. 17/8 IC	
9610	1200	TAIWAN RTI Sign on with Id and anthem then News	
9630	2025	SEYCHELLES BBC good in EE. 13/8 IC	
9635	1536	IRAN VOIRIB Strong in EE with Id & pgm details //11775 noisier 25/8 CC	
9650	2100	INDIA AIR Good in EE with News and quiz show 28/7 RP	
9670	0645	ITALY RAI. Very good in II//11800. 30/7 IC	
9674	0806	PERU R Del Pacifico Fair in SS with religious talk & Choir vocals // 4975 weak 29/7 RAD	
9675	2130	GT BRITAIN? World Beacon Good to Africa in EE with DX QSL pgm 12/8 GRD	
9695	1100	JAPAN NHK/R Japan Excellent in EE with "Hello from Tokyo"12/8 JSB	
9737	0833	PARAGUAY R Nacional Poor in SS with Male announcer and upbeat local Mx Id at 0849 16/8 KVB	
9765	2130	GERMANY D/Welle Wertachal Fair in EE with some QRM News & sport 24/8 RP	
9795	0227	GT BRITIAN Wales R Int. Fair but a little noisy in EE with details of Welsh web site & Id 18/8 (Saturdays UTC only I believe- Ed)	
9795	0346	VIETNAM V of Vietnam Fair in EE with News of Vietnam Id at 0347 19/8 CC	
9810	0100	FRANCE RFI Fair in French with news 18/8 JSB	
9820	0230	CUBA R Habana Cuba Good in EE 18/8 JSB	
9840	0310	ITALY. RAI. Strong in SS. 28/7 IC	
9840	1249	VIETNAM V of Vietnam Fair in EE with Press review. Some QRN //12020 weaker 30/7 CC	
9865	1130	BELGUIM RVI Good in EE with R World & listeners letters 12/8 JSB	
9885	0400	SWITZERLAND SRI Sottens Good in EE to Nth America 2/8 HJS	
9885	1230	THAILAND Excellent in EE with beautiful audio 10/8 JSB	
	1246	Strong in EE with News pgm then Thai Mx 30/7 CC	
9885	1945	NEW ZEALAND RNZI Excellent in EE with Parliament Debate 19/8 JSB	
9895	1850	HOLLAND R Nederland Good in EE with live update of terrorism attacks on	

- Washington 12/9 AMQ
- 9940 0200 RUSSIA. Radio Gardarika. VG in RR with some EE anns 1/8 IC
- 9940 0200 RUSSIA R Studio from St Petersburg Good Signing on with Id and address both email & postal and phone number Mostly in Russian with techno pops and some EE about St Petersburg 1/8 RAD
- 9975 0230 USA KVOH Excellent in SS religious pgm 18/8 JSB
- 9990 2115 EGYPT R Cairo Fair in EE with Id and music 12/8 CC
- 11600 0354 CZECH REPUBLIC R Prague Fair in EE with Id and waltz music Some distortion // 15470 the same 12/8 CC
- 11690 1530 JORDAN R Jordan Fair in EE with some QRN News about Jordan 25/8 CC
- 11710 0200 ARGENTINA RAE Fair in EE Time pips & repeated Id's 18/8 CC
- 11765 0834 ALASKA KNLS Fair in EE with some QRM **HJS**
- 11765 1600 NTH MARINAS ISLANDS RFA Tinian Good in CC Modern & classical Mx 18/8 JSB
- 11810 1217 POLAND R Polonia Fair at first in EE with interviews at shopping market but deteriorated Id at 1225 4/8 RAD
- 11835 0200 USA BBCWS via WYFR relay Good in SS 12/8 JSB
- 11835 2140 SEYCHELLES BBC. Good in EE. 14/8 IC
- 11895 1800 GERMANY FEBC test transmission. Strong in Various. 6/8 IC
- 11915 2330 BRAZIL R Gaucha Fair with non stop talk in PP At 2359 Id Time pips top of hour & news Some slop from 11920 station RAD
- 11945 0346 UAE AWR Fair with Talk and Music l/signal at 0400 8/8 RAD
- 11955 1555 TURKEY VOT Good signing off at 1555 after local music 18/8 JSB
- 12000 0645 BULGARIA Radio Bulgaria. VG in FF to off at 0700. 22/8 IC
- 12015 1500 MONGOLIA V of Mongolia Good with modern American Mx 13/8 JSB
- 12025 0257 RUSSIA R Rossi Good in RR with C & W then Nx Id 0309 16/8 KVB
- 12040 0300 UKRAINE R Ukraine Good in EE S/off at 0400 25/8 **HJS**
- 12055 1600 RUSSIA VORWS Fair in EE with some noise 13/8 JSB
- 12070 1700 VIETNAM Voice of Vietnam. Fair in EE. 21/8 IC
- 12075 1548 UZBECKISTAN R Nederland Good in EE with discussion on recordings // 9890 noisy 25/8 CC
- 12085 2133 SYRIA R Damascus Fair in EE with News Then Id & Mx some distortion 12/8 CC
- 13362 1758 GUAM AFRTS Weak in USB mode with Mx and Network Nx on hour 1/8 CC
- 13605 1920 INDIA AIR Good in EE with News about terrorism in New York Many Air India overseas flights cancelled after attacks on USA 12/9 AMQ
- 13630 0600 JAPAN NHK/R Japan Excellent in EE with "Hello from Tokyo" 13/8 JSB
- 13635 2150 ISRAEL.KOL. Fair with talkback programme in Hebrew? 27/8 IC
- 13660 2300 PORTUGAL RDP V/good in PP to Brazil //15295 worse 9/8 HJS
- 13690 0400 GERMANY? D/Welle Good opening in EE 27/8 HJS
- 13690 1800 GT BRITAIN RCI via Skelton Good in EE with weekend news summary 8/9 **AMQ**
- 13730 2300 AUSTRIA ORF V/good in German to Africa 16/8 HJS
- 15048 0155 COSTA RICA RFPI Fair with Glen Hauser's World of Radio 11/8 DN
- 15060 2200 Unknown Location Unknown station daily in Chinese with mentions of Taipei & Taiwan Sounds like at religious station Gave email address of: life @nhy.recovry.art.twe HJS
- 15070 0210 HOLLAND? R Alfa Lima (Pirate) Fair with continuous rock music 29/7 RAD
- 2315 Clear signal with EE pops 11/8 PWO

- 15150 2044 INDONESIA V of Indonesia Talk in EE and good local music till 2054 then News headlines & several Ids S/off at 2057 28/7 RAD
- 15180 0200 ROMANIA RRI Fair/good in EE to NZ Slight QRM //17790 not usable under BBC Singapore **HJS**
- 15220 1600 CANADA R Nederland Sackville relay Good in EE 10/8 JSB
- 15225 1630 ASCENSION ISLAND VOA Africa Service Good in EE 10/8 JSB
- 15235 1400 USA Radio Free Vietnam, Louisiana. Good in VV. 9/8 IC
- 15240 2120 GUAM KSDA V/good in EE with Health News 21/8 **RP**
- 15265 1725 CHINA CRI Fair in EE with News about China 1/8 CC
- 15265 2056 GUAM AWR Good closing in EE 1/8 HJS
- 15265 2105 SINGAPORE? RAI Int. Opens in EE varies up to good level presumed to be Singapore heard daily HJS
- 15260 2200 ITALY? RAI Int. Good in EE Signing on with I/sig and Id Nx & Mx 22/8 **RP**
- 15270 0810 ARMENIA R Yerevan Fair in EE with slight flutter Transmission schedule and feature about Armenia 18/8 PWO
- 15290 2037 SPAIN REE Excellent in EE 22/8 **HJS**
- 15295 2300 PORTUGAL RDP Strong opening in PP to Brazil 16/8 HJS
- 15335 1715 PAKISTAN R Pakistan Fair in Urdu with talk and local music Nice flute music prior to 3 fine pips at 1800 Then Id and world news Freq varies. 28/7 RAD
- 15320 1700 ASCENSION ISLAND RAI Good in Italian 10/8 JSB
- 15365 2030 UAE World Beacon Dubai relay Good in EE with Full Id and transmission details On from 1800 in // 3230 18/8 PWO
- 15365 2230 ROMANIA RRI V/good in PP with 'Musica do Romana' 1/8 HJS
- 15385 0100 SPAIN REE Excellent in EE with News 31/8 HJS
- 15400 1800 ASCENSION ISLAND BBCWS Good in EE 10/8 JSB
- 15425 0237 SRI LANKA R Sri Lanka Fair in EE with swing music standards Dinah Shore & Jo Stafford plus contemporary Mx 29/8 KVB
- 15445 1910 MOROCCO VOA relay Good with live broadcast from the roof of VOA building in downtown Washington describing the damage and scene around the Pentagon 12/9 AMQ
- 15445 2255 HUNGARY R Budapest Good signing on in EE 15/8 HJS
- 15475 1931 GT BRITAIN Salama Radio via Merlin Good in EE playing African children choir music and listeners letters 28/7 RAD
- 15475 2030 ANTARTICIA LRA 36 Base Esperanza Por - Fair in SS Light Pop Mx 20/8 PWO
2240 Often up to fair level in SS with and YL presenter 2/8 HJS
- 15485 0049 PAKISTAN R Pakistan Poor to fair Urdu with local music with nice Id at 0200 followed by News 28/7 RAD
- 15495 0350 KUWAIT R Kuwait V/good in AA with news at 0400 2/8 HJS
- 15530 0125 PHILIPPINES R Veritas Asia Fair with several EE Id's then into Javanese at 0130 31/8 HJS
- 15545 2240 CZECH REPUBLIC R Prague Fair/good in EE 9/8 HJS
- 15565 2240 NETH. ANTILLIES RVI Fair in EE with 'Brussels Calling' 9/8 HJS
- 15580 0900 TAIWAN CBS (tentative) Good signing on in CC 28/7 **RP**
- 15630 0207 GREECE FTH (V of Greece- Ed) Fair with Greek Music Some QRN //9420 12110 poor 18/8 CC
- 15660 0100 RUSSIA? CIS RFA. Strong in Burmese. Off at 0130 after EE IDs. 23/8 IC

- 15750 1930 GERMANY KAS Voice of the Lord. VG in EE. 25/8 IC
 15785 0530 ISRAEL Galei Zahal V/good in Hebrew with 'Arutz Sheva' pgm 1/9 PWO
 17505 1242 SWEDEN R Sweden Strong in EE with '60 degrees North' 30/7 CC
 17520 1530 MOLDOVA? KSRI. Radio Sedaye to Iran. Good in Farsi? 23/8 IC
 17615 2155 PORTUGAL RDP Good signal in PP // 17575 & 21655 5/8 **RP**
 17795 1632 QATAR QBS Fair in AA Nice music and talkback At 1700 Id & news 1702 ID and
 frequency announcements then S/off 12/8 RAD
 17820 0700 AUSTRALIA. Christian Voice fair in EE. 31/7 IC
 17820 1915 GERMANY RCI Wertachal RCI Good in AA with some quotes in EE 1/9 **AMQ**
 18910 2126 USA Herald Broadcasting Fair in FF with talk pgm Id at 2127 CC
 21455 2255 ECUADOR HCJB Good in SS with Music 3/8 also heard at 0510 in EE with Old
 geezers country music in EE with Id 0520 3/8 GLR (Did they really say old gee
 zers? - Ed)
 21460 0524 PAKISTAN? R Pakistan? Id at 0530 Female announcer with mentions of Paki
 stan and then Pakistani type music Good signal 10/8 GLR
 21480 0540 Romania R Tigernesti? Male & female announcers in Romanian with many
 mentions of Romania. Good signal and //17805& 15250 10/8 GLR
 21500 0600 NTH MARIANAS ISLANDS RFA Good sign on in EE then pgm in Tibetan 4/8 GLR
 21505 0740 SAUDI ARABIA BSKSA Good in AA with M & F announcers and music interludes
 27/8 GLR
 21530 0400 GREECE Voice of Greece Kavala Fair signal with Id in EE at S/on then Greek Mx
 pgm 9/8 **RP**
 0725 Fair in Greek with music // 17520 10/8 GLR
 21550 0550 AUSTRALIA Christian Voice Darwin Fair in EE with Christian Music 7/8 GLR
 21580 0745 FRANCE RFI Fair in French 20/8 GLR
 21640 0727 SRI LANKA D/Welle Good in German with Sports News 9/8 GLR
 21645 0550 Voice of Islamic Republic Sirjan Fair in Arabic with mentions of Iran 29/8 GLR
 (This is Iran Ed)
 21645 1700 FRANCE RFI Good in SS 13/8 JSB
 21660 0542 SINGAPORE BBCWS relay Kranji Poor in EE with talk on teachers 6/8 GLR
 21680 0512 AUSTRALIA R Australia Fair in Indonesian with fading at 0520 // 17750 27/8
 GLR
 21690 0550 USA? R Free Asia In unknown Asian language then Tibetan at 0600 6/8 GLR
 21700 0542 UAR R Dubai Poor with Male/female announcers in EE 7/8 GLR
 21700 1700 SPAIN REE Excellent in SS with Pop Mx in EE 10/8
 21725 0115 AUSTRALIA R Australia Good in EE with World news // 17580 17750 17775 7/8
 21740 2245 AUSTRALIA R Australia Good in EE with World news 3/8 GLR
 21755 0630 JAPAN NHK/R Japan Good in EE Talk on Compost & vegies // 15195 & 17810
 18/7 GLR (Compost works very well in my vegetable garden- Ed)
 21790 0455 RUSSIA VORWS Fair in EE Talking about Taleeban & Indonesia //17685 8/8 GLR
 21830 0455 CYPRUS BBCWS via Limasol relay Good in EE S/off at 0500 10/8 GLR

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 Thanks very much to all this month's contributors. Please note that I have changed how
 stations reported these are now shown eg. **HJS**

You can contact me via PO Box 3011 Auckland or direct at:
36 Brentwood Street Trentham Upper Hutt or you can use the E-mail address as listed above
73's

Andy McQueen
SHORTWAVE EXCHANGE

AMQ Andy McQueen Trentham Upper Hutt Sony 6800W 30m long wire/ **CC** Cliff Couch Paraparaumu Sangean ATS 803A with 60m horizontal loop / **DN** David Norrie Auckland AR 7030/ **GRD** Graeme Dixon Auckland **IC** Ian Catermole Blenheim **HJS** Jack Searle Haumoana Hawke Bay Icom R71 with 100m longwire & 19m & 60m dipoles / **JSB** Jon Standingbear Beaumont California USA NRD 345 and 5 mhz dipole / **KVB** Kelvin Brayshaw Levin Collins 51J4 and HF loop / **PWO** Paul Ormandy Oamaru **RAD** Richard D' Angelo Wyomissing PA USA **RP** Robert Park Lower Hutt Kenwood R1000 and 40ft long wire

shortwave.mailbag@radiodx.com

Compiled by
Laurie Boyer
Invercargill

Spring seems to have arrived down here and I'm starting to get the DX bug again. The Southland members who have been ill lately seem to be on the road to recovery, so that is good news. A few more in the mailbag this month so that is very pleasing. First up is

Robert A Park Lower Hutt with them in from Voice of Russia Krasnodar 9725, 15455, Voice of Turkey 7171, 9460, BBC Delano 9515 Meyerton 17695, NHK UK 6180, Deutsche Welle Wertachtal 11865, Sines 11925, CRI 15100, RTE 11685 plus Italy, Cairo and Radio Singapore all without veries.

John Durham Tauranga has Voice of Iraqi Kurdistan 4085, Christian Voice of Darwin 21680, VOA Ascension Island 17745, Radio Japan via Skelton 7230, Everest Radio via Mossbrunn 7235, KIPM Elkhorn Nebraska 6950.

Jack Searle Haumoana with Christian Voice Darwin 21680, Christian Voice Zambia [Country # 209] 9865, AWR Moosbrunn 17635, World Beacon Rampisham 9675, High Adventure Ministries via Jerusalem 21590.

Bryan Clark Auckland with 2 QSL's for @new Countries AFN Diego Garcia 4319 and Puerto Rico 6458.5.

Ian Catermole Blenheim with another long list Radio Finland 6120, 9510, Radio Denmark 9935, 12090, FEBC Wertachtal 11895 [EM] VOA Philippines 9530, Radio Capixaba 4935 [EM] Radio Meteorologia 4845 [EM] Canada Radio International 9730, 11760, 9760, 11790, Radio Free Vietnam 15235, Radio Veritas Asia 11820, 9520, WINB 12160 [EM] WINB12160 [EM] Radio Vaticana 7305, Radio Sweden 21530, 9775, 11895, Kol Adonai F 15750 Wyfr 18980 [EM] AFRTS Diego Garcia 4319.

Stu Forsyth Wellington has Voice of Korea 9335 and Deutsche Welle Wertachtal 6140.

David Norrie Auckland With KIPM 6955

Best of Month under 9mhz Radio Capixaba Brasil 4935 1kw **Ian Catermole**.

Best of Month over 9mhz BBC Meyerton South Africa 17695 **Robert A Park**

China Radio International



ANTARCTICA: 15476 LRA 36. According to the news appearing in the Argentine press, the Base Esperanza and others in the Antarctica will be closed for budget reasons and LRA36 in the next month will be out of the air. Get it while you can. Are the various sideband relays we hear from Argentina also for the Antarctica? Will these go away as well?
(NICOLAS ERAMO. ARGENTINA)

BOLIVIA: 6035 R Tropico, Trinidad, Beni - I stopped by R Tropico on 16 Jul on vacation while they were changing frequencies from the old 4552+/- to their newly assigned 6035 kHz. According to owner Eduardo Avila-Alberdi, they finally received their frequency allocation from the government. They had been operating under a temporary permit since 1979! The move was made since most of their listening audience has trouble finding portable SW radios that cover 60m. Expect to see more Bolivian stations trying to move out of 60m and into the 49m band. I pointed out that RCN-Colombia is also on 6035 kHz and the engineer indicated they might move a few kHz. I found them transmitting on 6027 that evening, but they may move around a bit in that general vicinity for the next few weeks before settling down. The schedule is 0600-0900, 1200-1430, and 1830-2100 local time or 1000-1300, 1600-1830, and 2230-0100 UCT with 1.5 kW. The transmitter is rated for 3 kW, but they run at half power. They are interested in hearing how their signal is getting out after the frequency change. If you log them, be sure to send a report to the address in WRTH and especially mention any messages heard - their emphasis is as a message service and that will get their attention and give them ammunition for advertising. (Fontenelle CUMBRE DX)

BURUNDI: 6140 R Burundi heard again on SW after a lengthy absence. R. Burundi's SW operations have been highly erratic since 1993, with the transmitter often being off the air for months or even years at a time.(BBCM via BDXC-UK, via Jerry Berg-MA-USA, Dexplorer)

CANADA: HFCC MEETING IN MONTREAL. For the very first time since its inception, the HFCC - High Frequency Coordinating Conference is being held in the western hemisphere. Montreal-CAN, will host the summer meeting Aug 27-31. This meeting will attempt to coordinate the B-01 frequency schedules for the majority of the world's HF broadcasters. (WWDXC)

CHINA 6060 Sichuan PBS 0925 Programme for young people hosted by YL from first check around 0925, then at 1000 apparently prerecorded ID with "Sichuan Renmin Guangbo Diantai, Jin Qiao zhi Sheng" said by male and then female anncr, followed by frequency announcement and male voice saying in English, "This is the Voice of Golden Bridge", then back into Chinese for the news. Fair signal here. The announced frequencies are 954 and 5900 kHz, but nothing audible on 5900 at the time so the announcement is presumably out of date. (Davies CUMBRE DX)

CLANDESTINE: from ? to NIGERIA. The Voice of Biafra International will start broadcasting on shortwave as of September 1, 2001. Programming will be in Igbo and English and

is directed towards Nigeria. In the beginning programs will air on Saturdays only from 1900 to 2000 UTC on 12120 kHz. The organization behind the broadcasts is The Biafra Foundation, based in Washington, D.C. More information about the organization can be found at <http://www.biafraland.com> (Maes TDP-BEL, Aug 26 2001). Neat site, seeks an independent Biafra through peaceful means only, great music. (JOHNSON, CUMBRE DX)

CYPRUS: VOA relay station planned on Cyprus The Americans want to set up the largest relay station of the well-known US propaganda [sic] radio network - Voice of America [VOA] - of the Eastern Mediterranean in Cyprus, which they regard as being the most suitable choice given its geographic location. The radio station will relay American messages to the Middle East and the Arab Gulf. Two sites are currently under consideration. The first is the area near Cape Greco, where a French relay station is already operating. The second is an area in Liopetri village. (HCDX)

EGYPT: Shortwave test broadcasts approved, reported heard. Minister of Information Safwat Al Sherif has approved the immediate experimental transmission of beamed broadcasts to Ea and WeAM, EUR, WeAF, LatAmerica, AUS and SoAS. The Engineering Sector has completed tests on these high frequency beamed broadcasts which will be transmitted from Abu Zaabal. Abu Zaabal is Egypt's main SW transmitter. Mikhail Timofeyev heard Egypt testing two new txs on 17 July from 1900-2054 on 5900 kHz, 9900, 9850 and 12050. On 18 July between 0336-0358, tests were heard on 6200, 12000, 9770, 9800 and 12050 kHz approximately. (MENA via BBCM via DXLD)

GERMANY: FEBC Philippines have been testing on 11895 via Deutsche Telekom. Here are the details as received from FEBC.

Many thanks for the reception report you sent to me. This is to verify that what you heard is correct. It is a test transmission of FEBC using the following: Date start: August 5th, Sunday. Date End: August 11th, Saturday. Time: 1800-1830UTC. Daily, for one week. Frequency: 11895Khz. CIRAF Zone 39 (Middle East) Site: Wertachtal, Germany. Antenna: HRS4/4/0.7. Azi: 120 degree. Power: 250kW. The language you heard is a mixture of Tagalog and English, sometime know as Tagalish spoken by Filipino. Many thanks for the encouraging report. Sincerely yours , Peter Hsu

INDONESIA: Here is the current observed schedule of Voice of Indonesia (Suara Indonesia), thanks to Olle Alm for assistance. All frequencies appear to be via Cimanggis (Jakarta) 250 kW. Some language services seem to disappear occasionally for days or weeks, with transmitters remaining on air with open carrier at the relevant times.

Arabic	0300-0400:	9525, 11785	Chinese (Mandarin)	1030-1130:	9525								
English	0100-0200:	9525, 11785.	0800-0900:	9525.	2000-2100:	15150							
French	1900-2000:	15150.	German	1800-1900:	15150.	Indonesian (Bahasa Indonesia)	0200-0300:	9525, 11785.	1200-1300:	9525.	Japanese	1130-1200:	9525.
Malay (Bahasa Malaysia)	0900-1000:	9525.	Spanish	0030-0100:	9525, 11785	1730-1800:	15150.	Thai	1000-1030:	9525			

LIBERIA 28 August 2001: The Catholic Church in Liberia has filed a lawsuit against the government for banning its radio station, Radio Veritas, from broadcasting on shortwave.

The case could be an important test of the judicial system in Liberia, as many believe the judiciary is controlled by the government of President Charles Taylor. In late July, the government banned Radio Veritas from broadcasting on shortwave, but gave no reason. On 28 August, Taylor said he would only allow his private Liberia Communications Network, the state-owned Liberia Broadcasting Service and Radio ELWA, which airs religious programmes, to operate on the shortwave bands. Taylor argued that operating on shortwave "is a privilege, not a right" and added that the multitude of shortwave services had given rise to some "hate messages on certain hate stations."

Radio Veritas Station Manager Ledger Hood Rennie claims that the station has been paying fees to broadcast on both FM and shortwave "even for the period our shortwave has remained inoperational," referring to a recent breakdown and transmission problems. Taylor closed down the independent Star Radio and Radio Veritas in March 2000, but allowed the latter to re-open following intense domestic and international pressure. (Radio Netherlands Media Network.)

Liberia to close shortwave once more Liberian president Charles Gankay Taylor has said his leadership will no longer allow shortwave radio stations to operate in the country. The Liberian leader said on Radio Liberia International that the granting of the nation for the establishment of shortwave radio stations under the Liberian constitution is not a right, but a privilege. In a survey during May 2001, BBC Monitoring confirmed only two active shortwave stations in Liberia: LCN's Radio Liberia International on 5100/6100 kHz and Christian station ELWA on 4760 kHz. The Liberian Broadcasting System's radio station ELBC was only heard on FM 99.9 MHz. (HCDX)

LIBYA: In one of its Arabic broadcasts today, Vo Africa announced the following E-mail address: <africavoice@hotmail.com> Now as we all know, Libya is not so open as a country, but, as many DX-ers' experience shows, Email can be such an effective way of getting into real contact with a station. Libya Returns to 17725 - Vo Africa programmes from Libya have been noted back on 17725 (x15415) during the last couple of days. Heard in Arabic with occasional news in English e.g last night (Aug 13) with En news at 2222. (Graham Powell-UK, hcdx Aug 14)

MEXICO: XERTA has been all over the place since their shift from 4800.7 with reports of reception on 4970, 4820 and now heard on 4918 to close at 0400utc. This latest info from: (Bojorge via CUMBRE DX)

NIGERIA/"BIAFRA" : More than 30 years since the last attempt to create a breakaway state in South Eastern Nigeria, new efforts are being made within Nigeria by the Movement for the Actualization of the Sovereign State of Biafra (MASSOB), and internationally by the Biafra Actualization Forum (BAF). The latter organisation, which stresses that it is dedicated to achieving its goal by exclusively peaceful means, has announced that it is starting a weekly shortwave radio programme on 1 September. The programme, in English and Igbo, will be broadcast each Saturday at 1900-2000 UTC on 12120 kHz. The station is expected to identify as the Voice of Biafra International. (Radio Netherlands Media Network.)

e-mail address for this one is: biafraland@biafraland.com (Cattermole)

OMAN: New schedule for Radio Oman in Arabic:2300-0100 9760 0100-0300 7235

0200-0400 6085 0400-0600 9515 153550600-1000 17630 0600-1400 13640 1400-1800 15375
 1500-1800 151401800-2000 6190 153552000-2200 6085 2000-2300 9735 (WWDXC)

PHILIPPINES: A new religious broadcaster is on air and well heard here in NZ, 1700-2000 on 15750khz. It is KAF,(Kol Adonai Foundation) meaning Voice of the Lord. Programmes are gospel music and devotional services in English. Programmes are produced in Manila and forwarded to Israel and then transmitted through Germany to the Middle East. Address for reports is:- P.O. Box 2194-10, Makati Central PO. Metro Manila, Philippines. e-mai shofar@l-manila.com.ph (Marisa Albert KAF) (Cattermole)

SEYCHELLES: Here is the B01 (281001-310302) schedule for BBC relays via Seychelles sent to me by Barrie Elding, BBC Seychelles.
 6005, 1700-2200.— 9610, 0245-0330.— 9630, 1700-2100.— 9770, 0200-0300.—
 – 11730, 0300-0430.— 11835, 2100-2300.— 11860, 1400-1700.— 15420, 0325-0600. 1300-1700.— 17885, 0430-1400.— 21470, 0800-1300.
 All are daily broadcasts.

UNITED ARAB EMIRATES: (Abu Dhabi) ADVENTIST WORLD RADIO. New Relay Service for Adventist World Radio. Adventist World Radio has just commenced the usage of a new relay service. The station is located in the Middle East and the new relays commenced a few days ago at the beginning of August. As has been announced in news releases from several other organizations, Merlin in England has taken out a management contract with United Emirates Radio in Abu Dhabi, effective August 1. This station is located at Al Dhabayya and it contains four shortwave transmitters at 500 kW, each of which is capable of operating at half power. This large shortwave station in the Gulf region was established in 1985 using BBC transmitters made in Switzerland. The huge antenna farm at Al Dhabayya contains 41 fixed antennas and two rotatable units, thus ensuring excellent shortwave coverage in all directions.

The introductory AWR schedule from Al Dhabayya shows the usage of all four transmitters in services beamed to Africa and Southern Asia, with each unit operating at 250 kW. It is anticipated that this schedule of five hours daily will be markedly increased with the commencement of the new Transmission Period in October.

ADVENTIST WORLD RADIO. Introductory Daily Schedule - Al Dhabayya, United Arab Emirates Effective August 1, 2001

Africa	0300	-	0330	11975	250	Amharic
1700	-	1800	17875	250	Afar,	Oro
0300	-	0400	11945	250	Oro,	Tigrinia
1630	-	1800	15520	250	Somali,	Tigrinia
Southern	1330	-	1400	15495	250	English
Asia 1400 - 1430	15385	250	Urdu	(CUMBRE DX)		

WORLD BEACON: Some time ago, I wrote to you announcing our intention to move our long term broadcast from the Merlin Rampasham facility at 9675 kHz to a site in the United Arab Emirates. At long last, we've cleared all of the technical and regulatory hurdles to make this so. Beginning September 1, you will be able to hear the World Beacon African Service from 18-22 hours UTC on 15365 kHz via Dubai. 9675 kHz will fall silent. We are still

using 3230 kHz from Meyerton in South Africa during the same time period. We are very interested to hear listener feedback on the UAE broadcasts via email to or via snail mail to The World Beacon - 8133 Baymeadows Way - Jacksonville, Florida, USA, 32256. E-mail reception@worldbeacon.net A reminder that our Russian Beacon continues to broadcast from 14-18 UTC, weekdays via 17795 kHz, from a BBC facility at Wooferton in Eastern Great Britain. We continue to receive outstanding support from both our worldwide audience and from pastors who utilize the World Beacon Network for their mission outreach. In response to listener requests we have augmented our website to include on-demand programming in place of our shortwave audio stream. Visit www.worldbeacon.net for more information. Thanks again for your continued interest in The World Beacon, Warmest regards from Jacksonville, Florida. (ScottWesterman . World Beacon)

To add interest, each month I will be listing a frequency and list of stations operating on that frequency along with times and language. Featured frequency this month is 9500KHZ. See how many of these you are able to hear and identify on your receiver. Your comments welcome.

Time	Station	Country	Days	Language
0000-0100	CNR Beijing 2	CHINA	1234567	Mandarin
0000-0100	Radio BULGARIA	BULGARIA	1234567	Bulgarian
0100-0200	Radio BULGARIA	BULGARIA	1234567	Spanish
0200-0400	CNR Beijing 2	CHINA	1234567	Mandarin
0400-0457	CNR Beijing 8	CHINA	1234567	Tibetan
0500-0800	CNR Beijing 2	CHINA	1234567	Mandarin
0502-0720	TWR AFRICA	SWAZILAND	1234567	English
0600-1600	UN Radio Minurca	CENTR . AFRICAN REP.	1234567	French / Sango
0720-0735	TWR AFRICA	SWAZILAND	1234567	English
0800-0857	CNR Beijing 8	CHINA	1234567	Tibetan
0900-1300	CNR Beijing 2	CHINA	1234567	Mandarin
1400-1600	CNR Beijing 2	CHINA	1234567	Mandarin
1730-1900	TWR AFRICA	SWAZILAND	1234567	English
1900-2130	Radio AUSTRALIA	AUSTRALIA	1234567	English
2100-2300	CNR Beijing 2	CHINA	1234567	Mandarin
2300-2357	CNR Beijing 8	CHINA	1234567	Tibetan
2300-2359	Radio BULGARIA	BULGARIA	1234567	Spanish



 Bhutan Broadcasting Service



english in time order

Compiled by
Yuri (George) Muzyka
Auckland

Time Order summary of Ken's Under 9MHz & Andy's Over 9MHz BandWatch columns.
Please remember to include the date and signal strength with all your loggings,
thanks. 73 - Yuri ("George") Muzyka, ZL1GYM.

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

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

Time (UTC)	Frequencies (kHz)	Station Name	Station Country	Log Date	DXer Name
0100	15385e	REE	SPAIN	31/8	HJS
0115	17580:17750:17775:21725g	R Australia	AUSTRALIA	7/8	GLR
0125-0130	15530f	R Veritas Asia	PHILIPPINES	31/8	HJS
0155	15048f	RFPI	COSTA RICA	11/8	DN
0200	11710f	RAE	ARGENTINA	18/8	CC
0200	15180g:17790	RRI	ROMANIA	-	HJS
0207	6955(USB)g	Pirate KIPM	USA	11/8	RAD
0213-0215	9475f	R Cairo	EGYPT	28/8	CC
0227	9795f	Wales R Int	GT BRITAIN	18/8	?
0230	9820g	R Habana	CUBA	18/8	JSB
0237	15425f	R Sri Lanka	SRI LANKA	29/8	KVB
0245	9610	BBC	UK	15/8	IC
0300	7150f	R Ukraine Int	UKRAINE	7/8	IC
0300	7345g:7385e	R Prague	CZECH REPUBLIC	4/8	JSB
0300-0400	12040g	R Ukraine	UKRAINE	25/8	HJS
0310	5950g	R Taipei Int	TAIWAN	4/8	JSB
0312	6955f	Psycho Radio (pirate)USA	USA	11/8	RAD
0315	5800.2p	Pirate R Free London	GT BRITAIN	4/8	RAD
0336	7105	VOA	USA	2/8	RAD
0346-0347	9795f	V of Vietnam	VIETNAM	19/8	CC
0354	11600f:15470f	R Prague	CZECH REPUBLIC	12/8	CC
0400	9885g	SRI	SWITZERLAND	2/8	HJS
0400	13690g	D/Welle	GERMANY	27/8	HJS
0410	6155f	R Romania Int	ROMANIA	1/9	JSB
0455	17685:21790f	VORWS	RUSSIA	8/8	GLR
0455-0500	21830g	BBCWS	UK	10/8	GLR
0500	7250g	R Vaticana	VATICAN	29/7	IC
0510-0520	21455g	HCJB	ECUADOR	3/8	GLR
0530	7190g	VOA	USA	4/8	JSB
0535	7230f	NHK/R Japan	JAPAN	4/8	JSB
0542	21660p	BBCWS	UK	6/8	GLR
0542	21700p	R Dubai	UAE	7/8	GLR
0550	21550f	Christian Voice	AUSTRALIA?	7/8	GLR

0550-0600	3215	WWCR	USA	2/8	GR
0600	13630e	NHK/R Japan	JAPAN	13/8	JSB
0602	3210	WWCR	USA	2/8	GR
0630	15195:17810:21755g	NHK/R Japan	JAPAN	18/7	GLR
0640	6185g	R Educacion	MEXICO	4/8	JSB
0650-0700	6100f	R Borno	NIGERIA	7/8	RC
0700	6350(USB)f	AFN	USA	28/7	RP
0700	7160	BBC WS	UK	14/8	JSB
0700	17820f	Christian Voice	AUSTRALIA	31/7	IC
0720	6150g	University Network	COSTA RICA	22/7	RC
0723	6955(USB)e	Pirate KIPM	USA	11/8	DN
0740	5950g	R Taipei Int	TAIWAN	14/8	JSB
0741	4835	ABC Alice Springs	AUSTRALIA	6/8	GR
0745	5030g	University Network	COSTA RICA	14/8	JSB
0750	4835:4910f	ABC	AUSTRALIA	6/8	GR
0810	15270f	R Yerevan	ARMENIA	18/8	PWO
0834	11765f	KNLS	ALASKA	-	HJS
0848-0900	4890	Port Moresby	PNG	29/7	RAD
0925	5030g	University Network	COSTA RICA	12/8	RC
0928-0932	3365g	R Milne Bay	PNG	26/8	KVB
1008-1012	3905f	R New Ireland	PNG	23/8	KVB
1100	9695e	NHK/R Japan	JAPAN	12/8	JSB
1130	9865g	RVI	BELGUIM	12/8	JSB
1217-1225	11810f	R Polonia	POLAND	4/8	RAD
1230	9885e	?	THAILAND	10/8	JSB
1232-1234	6150f	R Singapore Int	SINGAPORE	30/7	CC
1242	17505e	R Sweden	SWEDEN	30/7	CC
1246	9885e	?	THAILAND	30/7	CC
1249	9840f:12020p	V of Vietnam	VIETNAM	30/7	CC
1250-1300	4902g	?	SRI LANKA	10/8	RC
1320	4890g	Port Moresby	PNG	13/8	KAB
1324	6020g	R Australia	AUSTRALIA	15/8	KAB
1357-1400	4725p	R Myanmar	MYANMAR	5/8	KAB
1530	11690f	R Jordan	JORDAN	25/8	CC
1532	7160f:9785g	CRI	CHINA	25/8	CC
1536	9635e:11775	VOIRIB	IRAN	25/8	CC
1548	9890:12075g	R Nederland	NETHERLANDS	25/8	CC
1600	12055f	VORWS	RUSSIA	13/8	JSB
1600	15220g	R Nederland	NETHERLANDS	10/8	JSB
1630	15225g	VOA	USA	10/8	JSB
1650-1700	4910p	ZBC	ZAMBIA	19/8	KAB
1700	12070f	Voice of Vietnam	VIETNAM	21/8	IC
1725	15265f	CRI	CHINA	1/8	CC
1735	6065f	R Sweden	SWEDEN	1/9	CC
1758	13362(USB)p	AFRTS	USA	1/8	CC
1800	3230:15365	World Beacon	USA	18/8	PWO

1800	13690g	RCI	CANADA	8/9	AMQ
1800	15400g	BBCWS	UK	10/8	JSB
1844-1900	3200p	TWR	SWAZILAND?	31/8	KVB
1850	9895g	R Nederland	NETHERLANDS	12/9	AMQ
1901-1908	4965p	R Christian Voice	ZAMBIA	22/8	KVB
1907-1915	4950f	VOA	USA	17/8	KVB
1910	15445g	VOA	USA	12/9	AMQ
1920	13605g	AIR	INDIA	12/9	AMQ
1930	15750g	KAS Voice of the Lord	GERMANY?	25/8	IC
1931	15475g	Salama Radio	GT BRITAIN	28/7	RAD
1945	9885e	RNZI	NEW ZEALAND	19/8	JSB
2025	9630g	BBC	UK	13/8	IC
2030	15365g	World Beacon	USA	18/8	PWO
2037	15290e	REE	SPAIN	22/8	HJS
2044-2057	15150g	V of Indonesia	INDONESIA	28/7	RAD
2056	15265g	AWR	GUAM	1/8	HJS
2100	7150g	AIR	INDIA	8/8	IC
2100	9650g	AIR	INDIA	28/7	RP
2105	15265g	RAI	ITALY	-	HJS
2115	9990f	R Cairo	EGYPT	12/8	CC
2120	15240g	KSDA	GUAM	21/8	RP
2129	9540f	R Tirana	ALBANIA	12/8	CC
2130	9570e	VOIRI	IRAN	11/8	PWO
2130	9570g	VOIRI	IRAN	14/8	IC
2130	9675g	World Beacon	USA	12/8	GRD
2130	9765f	D/Welle	GERMANY	24/8	RP
2133	12085f	R Damascus	SYRIA	12/8	CC
2140	11835g	BBC	UK	14/8	IC
2200	15260g	RAI	ITALY	22/8	RP
2240	15545g	R Prague	CZECH REPUBLIC	9/8	HJS
2240	15565f	RVI	BELGUIM	9/8	HJS
2245	21740g	R Australia	AUSTRALIA	3/8	GLR
2255	15445g	R Budapest	HUNGARY	15/8	HJS
2307	6150	News Radio 938	SINGAPORE	1/8	RAD
2315	15070g	R Alfa Lima (pirate)	?	11/8	PWO



HCJB World Radio

FREQUENCY PREDICTION FOR SW / UTE LISTENING & DXING

compiled by Ken Baird. Christchurch

An excellent aid for the prediction of the best frequencies to listen to is available from WWV/WWH, the Frequency/Time standard stations at Hawaii and Colorado. These stations broadcast on 2.5, 5, 10, 15 and 20 MHz continuously.

Check what frequencies you can hear the best. If you can hear 10 and 15 MHz, the 9, 11, 13 and 15 MHz Short wave bands are likely to be good, while the others will be poor, if there at all. If you can't hear any of the WWV/WWH frequencies, short wave reception will be very poor across all the bands.

Also, at 18 minutes past the hour WWV/WWH broadcasts the Solar Flux Index (SFI), and K Index. If the SFI is greater than 120, world wide reception of short wave signals is likely, while at a SFI of 180 world wide reception will be very good.. The higher the K index, the more unstable reception becomes. When storm level is reached, when K=6 or higher, reception strongly degrades, with fade outs. Typically, K ranges between 1 and 4.

For members with PCs, a very good prediction program, "W6EL Prop" is available free from www.gsl.net/w6elprop/. Download the self installing zip file and install. Setup is as follows.

a) OPTIONS

Terminal Lat/Long ie Christchurch is Lat 43.553S, Long 177.75E (Doesn't have to be too accurate). Frequencies and Constants : change from Ham frequencies to the frequencies at the top end of the short wave bands. Prediction Parameters are self evident. User Preferences : Solar Flux Index, Signal levels, UTC, High Resolution

b) MAPS

Frequency : add SFI and K Indices to give a very useful map of the world showing Max Useable Frequencies. (MUF)

Rectangular : add terminal by selecting from Atlas, search by name. Gives Darkness Path, and full details of path(length, bearing etc)

Great Circle : Add distant end as for Rectangular map

c) PREDICTION

A table is automatically prepared when a Rectangular Map is formed. This gives the short path MUF over a 24 hour period as well as likely signal levels on other frequencies. Also very useful.

The Solar Index and K Index can be obtained from www.hfradio.org/hffreq Click on Propagation at the top right hand corner and go to the data. You can have the latest data e-mailed to you by registering and providing your e-mail address. The registration page will say there is a problem with the password or e-mail address but ignore it otherwise you will get multiple e-mails. I have done this and now always have the latest SFI and K indices.

Both the manual and computer aided prediction methods will help in finding working frequencies with the minimum of effort and often point to band openings not expected. Good luck with them both.

Ken Baird

Fossett balloon circumnavigation Airways Corporation in Wellington has given us the following information on tracking through the Oceanic Control System. "We received his original flight plan which was loaded into the OCS computer and this set up and provided an intended track routing across our oceanic airspace. The call sign for the balloon was Solo Spirit (S.S.). Hourly position reports were received from the Solo Spirit mission control. These were entered into the OCS which updated the flight plan of the balloon. The OCS provided a target of S.S. and a restricted airspace was drawn around the intended and actual track. This restriction was used to protect/separate S.S. from commercial jet liners flying across the area and took into account the continual altitude changes of the balloon".

Hawkes Bay airport. The revamp of the airport has been stalled due to the requirement for a lift for disabled people in the control tower, delaying redevelopment of the terminal building, the approach road and carpark. (Neville McKenty from the local Bay newspaper)

Ice Flights. McMurdo station is scheduled to open with the first C-141 flight on 2 October. A C-17 will also be used at the beginning of the season. South Pole is scheduled to open on 22 October. Weather conditions can alter dates. Listen on 9032 and 11256 khz. (John Charlton, Greymouth)

- 3725 1005 Fishermen. One off to golf, the other "I'll have a bloody good feed of silverbeet." EM
- 4483 1012 McQuarrie radio. Tasmania WX for vessels Alchemist and Canard.NM
- 5455 0840 VK5 4WD radio. WX and radio reports inc closures except for 4WD vehicles. NM
- 5643 2139 Singapore 397/Auckland. BJ
- 5643 1926 Auckland/United 841 for radio check on ground in Auckland. JC
- 5680 2050 Otaki/Levin. SAR party need up to date info. NM
- 5680 2345 Levin/Otaki. Missing party found. NM
- 5680 2015 Kinloss/Rescue 169. Voluble speakers. JC
- 6535 0454 Sal/Springbok 202. SC CQAS. NM
- 6535 0500 Sal/World 7150. SC EGAC. Dakar to New York. NM
- 6535 0510 Varig 8748/Dakar. SC PGBH. NM
- 6637 1624 Flight Dispatch/NZ 114. Child assaulted by mother. Require police for arrival. JC
- 6637 1700 Hong Kong Dragon/Air China 175. Request phone patch to Beijing. JC
- 6960 0915 3LXR/Unid base at Cape York. Watch for crocs attack. NM
- 8120 2020 Unid Base to fishing vessels in Samoa and Tonga in Polynesian languages. NM
- 8420 0515 EAD Madrid radio. SITOR WX broadcast.BM
- 8453 0520 HWN French Navy Paris. ITA. 75 baud in circuit test. BM
- 8855 0940 Manaus/American 973. EM
- 8861 0458 Canaries/Kano/Sal with Air France 455. KLM 798 SC CGKS, Springbok 210 SC MPAR,, Springbok 203 SC FHGM, Lufthansa 827 SCALDH. NM
- 8861 0800 Alitalia 795/Conakry. Call Santa Maria now. NM
- 8867 2044 Nadi/French Navy 5254. Request radio check. JC
- 8894 0503 Algiers/Libyan 315. JC
- 8894 0506 Niamey/Unid. Kinshasa to Paris.SC EDCH. JC
- 8894 0543 Algiers/MKA 11. Malabo (Equatorial Guinea) to Laayoune (Morocco) (Possibly MK Air Cargo UK Ed) JC

8902 1500 NZ 36/Moresby. Call NZ 98 and tell him to call Brisbane on 11396. NM
8930 1942 Stockholm/GMIDK just South of Zurich. Message to British Midland Ops de
parted Preveza/Aktion 1742 ETA London Heath Row 2040. JC
8930 2115 Stockholm/Swiss Air operating as Gemini Air Cargo out of Switzerland to
Mumbai, ATD Basel 2030/43 ETA Mumbai 0437. JC
8930 2041 Stockholm/SSV 912 (Sky Service FBO Canada) SC HSCB. We taxied out of Vienna
2029/2034. ETA Antalya Turkey 2247. JC
8951 0904 Tokyo/Delta 26. Position. EM
8951 1141 Japanair 18/Tokyo. BJ
9032 0855 Ice 04 departed Christchurch 0655. Point of safe return 1135. ETA McMurdo
0019 Cargo flight. Checked BOSLA. 55 South 170.55 East. Estimate 60 South at
2128. Endurance 7 + 564. Temperature - 58. WX code 011. Wind 180/20. JC
9032 Ice 01, 02, 03, 04, 05 working Auckland, Mac Center, Mac Weather. Also
heard South Pole and Mac Relay. Position reports monitored Anopa, Aporo,
Bosla, Dalos Elnakand Kalva. JC
9032 2102 Auckland/Pegasus. Temperature -43 Horizon definition poor. BJ
9034 2314 MHA/Trans 4 Dispatch. Am using 7 m telewhip. When warmed transmiton
9035.2. Can you arrange replacement sets and call me Cellfone 1340. N M
100480343 Reach 9292/San Francisco. Position. SC CPRS. EM
100662044 Calcutta/Gulf Tango India 900 (Atlas Air) BJ
100662031 Calcutta/Malaysia 15. Rome to Kuala Lumpur. BJ
100662009 Yangon/Singapore 435. BJ
100720210 NZ 133/Flight Dispatch. Conversation re transfer passengers to Cairns. NM
105360945 CFH Canadian Forces Halifax. ITA. 75 Baud. WX broadcasting and info. BM
111752007 Mainsail/Charger 32. Received PP ex Yokota. BJ
113961000 Malaysia 94/Manila. EM
125840115 CBV Valparaiso radio Chile. Sitor. Traffic. BM
126250448 UCE Archangelsk radio. Sitor. Traffic messages. BM
126370850 XSG Shanghai radio. Sitor. WX traffic. Warning re typhoon PABUK. BM
166060118 NMC/NRV USCG Guam. Sitor test RYRY etc. The quick brown fox. BM
166770440 PNA Philipines news agency Maniula. Sitor. News in English. BM

CONTRIBUTORS

JC John Charlton, Greymouth. Kenwood 5000, 30 m wire - BJ Basil Jamieson, Oamaru. Drake
R8, Kenwood 5000, 30 m wire - BM Bill Mannix, Pounamu, S Otago. Yaesu 100, Universal M
400 Decoder, 60 M wire. EM Evan Murray, Auckland. Kenwood 5000, T2FD





Hi all. When is summer going to come? It's still winter here!!

George's brother Frank Frank FM is Auckland's latest guardband station, heard in the central city and solidly across the North Shore on 100.6FM. I have also heard traces on 88.2 in Auckland City, though Devonport Community Radio - "the Flea" is usually dominant on the latter frequency. Frank has been on air for a couple of months now and appears to be George FM's little brother as Program Director is Thane Kirby ex George. I'd describe the format as 'lounge music' - with Frank Sinatra, Nat King Cole and similar vocalists frequently heard. Unfortunately my emails to the station address frankfm@ihug.co.nz seeking more information have gone unanswered to date. (Bryan Clark)

Upper FM band all non-commercial? Discussion documents on the future of the upper end of the FM band (101-108MHz) were released by the government this month, proposing room be made for four nationwide non-commercial networks in the upper band - but no new commercial use. They do suggest that spectrum freed up in the AM band and lower FM band, by shifting National Radio, Concert FM and others, be considered for auction to commercial operators. The documents give no indication of exactly when the 101-108FM band will be opened up. (Median Strip September 10)

Ufm becomes The Generator Hamilton b.net station Ufm was relaunched last week as The Generator - the first step in a planned split into two stations, one to look after the alt-rockers, the other for the dance crowd. (Median Strip September 10)

Queenstown stations team up Three southern stations - Ice FM, The Zone and the Queenstown network version of George FM - are to join forces under the banner 'The Alpine Radio Network'. With the recent powering up of The Zone from its guardband frequency to 93.6FM, the establishment of George FM on 90.4FM and a relaunched Ice FM on 96FM, the town is suddenly teeming with new independent stations. (Median Strip September 10)

Blowhole goes full-power After two years of "lurking in the background" of Bay of Plenty radio, former guardband station Blowhole FM is relaunching on a full-power frequency as a "streetwise, media-smart" alternative station. It's a new arrangement with the Bay of Plenty Polytechnic, a licence to broadcast on 97.4FM and backing from Bay-based radio company The Pelac Group. Initial coverage in the Mount Maunganui area has been expanded to take in most of the Bay of Plenty. The station has shifted to new premises in central Tauranga. (Median Strip September 10)

Aoraki students prepare station Radio broadcasting students at Aoraki Polytechnic's Dunedin Campus are about to launch a new station, Inferno 100.3FM, on a temporary licence in Dunedin. The students hope to have the station running by October. (Median Strip September 10)

Tahu expands Tahu FM is now in Dunedin on 95FM, giving it coverage of most of the South Island's east coast. (Median Strip September 10)

The Wolf frequencies Here's the latest list of frequencies The Wolf Radio Network is broadcasting on: SKY DIGITAL - CHANNEL 73 (NATIONWIDE), CHRISTCHURCH & CENTRAL CANTERBURY - 1593AM, HOKITIKA - 91.9 FM, WAIMATE - 100.6 FM, OAMARU - 100.6 FM, ALEXANDRA - 100.6 FM, GORE - 100.6 FM, MOUNT COOK - 100.6 FM, REEFTON - 100.6 FM, GERALDINE - 100.6 FM, LAKE TEKAPO - 97.8 FM, TWIZEL - 100.6 FM, FAIRLIE - 100.6 FM,

MURCHISON - 100.6 FM, TIMARU - 100.6 FM, WESTPORT - 100.6 FM, HANMER - 100.6 FM, KARAMEA - 100.6 FM, OUR BROADCASTS CAN ALSO BE HEARD PART TIME ON: BREAM BAY RADIO IN NORTHLAND, TIMARU HOSPITAL RADIO, CHATHAM ISLANDS RADIO (<http://www.thewolf.co.nz/frequency.html>)

New radio services for Adelaide The ABA has decided to make licences available for one new commercial radio service and five new community radio services in Adelaide in its final Licence Area Plan for the city. The ABA will allocate the commercial licence in two years time and is also making available several narrowcast licences. To make the new commercial radio service available on 91.9 MHz for the main transmitter at Mt Lofty and 99.1 MHz for the translator at Grenfell St serving the Adelaide Foothills several changes will be made to other services. The Adelaide Foothills translator for commercial radio service 5SSA is required to change from its existing frequency (91.1 MHz) to a new frequency (90.3 MHz), and community radio service 5CST is required to change from its existing frequency (88.5 MHz) to a new frequency (88.7 MHz) within the next twelve months. (AMT Newsletter September 2001)

5UV goes FM After 29 years on the AM band, the pioneer community radio station 5UV will convert to FM as part of the changes announced in the ABA Adelaide Licence Area Plan. 5UV will move from the 531 on the AM band to the FM band at 101.5. ABA Chairman David Flint said: "The decision to convert 5UV from AM to FM transmission will allow it to better serve its licence area and provide parity with the new and existing wide coverage community FM services in Adelaide." (AMT Newsletter September 2001)



broadcast.news@radiodx.com

Compiled by
Paul Ormandy
Oamaru

AUSTRALIA Richard John Cavell wrote: From the aus.radio.broadcast newsgroup... Laugh Radio, which had been broadcasting on 1503 AM across Melbourne, has gone off air. Laugh Radio is a 24 hr a day, 7 day a week comedy radio station. Its signal strength was poor, and deteriorated even further over the weekend. This led to a poor listener base, and hence to poor revenue. The station is not scheduled to return anytime before the Broadcasting Authority makes its fulltime license allocations. (Richard John Cavell, ARDXC Topica via the aus.radio.broadcast newsgroup...)

Following some business transactions with Vision FM - Brisbane, this week, I discovered they are on relay in Innisfail Qld via 4KZ's Narrowcaster on 873 kHz. Vision FM is broadcast nightly from 10PM till 6AM from the 2Kw AM facility. I have not heard this signal however it is listed in the www.aca.gov.au database web site. Can anyone hear this station. The only Aussies I get here are 2GB and 6DB ABC Derby WA with Vietnam underneath. May be an e-mail to Al Kirton , 4KZ's owner will clear up any questions. (Chris Martin, ARDXC Topica)

CAMBODIA It is expected that in the near future the MW band will be opened up to private organizations with powers of up to 50 kW. The FEBC is planning for a 50 kW transmitter in Phnom Penh and another MW transmitter at Stung Treng [FEBC website, in ARC Info Desk e-mail via NRC IDXD Sept 6 via Glenn Hauser's DXLD]

CANADA Here in Canada, broadcasters are abandoning AM like rats leaving a sinking ship. CBL's old 740 frequency was snapped up quickly (as were CBF-690 and CBM-940 in

Montreal), but the line isn't exactly forming at the CRTC to apply for new stations on southern Ontario frequencies once occupied by CHIC-790, CHOO-1390, CKAN-1480, CHOW-1470, CKLY-910, CHNR-1600, CFOR-1570, CKBB-950, etc. A daytime- only facility is available on 1190 to serve the Toronto area (ex- CJMR), but for almost 20 years there have been no takers. Unlike FM, where you can just stick an antenna on top of the tallest building downtown, AM stations require several acres of valuable real estate in the suburban fringe. In many cases the land occupied by the transmitter site is worth more than the station. Some former AM transmitter sites have been paved over to make way for urban sprawl. 73 (Mike Brooker, Toronto, ON, NRC-AM Sept 9 via DXLD)

CKLG-730, Vancouver, BC has changed formats to all-news and ID's as: "NW2, 730, powered by CKNW". Not // to CKNW-980. (Terry Palmersheim, KC7LDP/ FOØPAM amfntvdx newsgroup)



HAWAII Callsign updates per August 21 1170
 KZEZ Honolulu HI becomes KBNZ Aug. 15.
 2001. (FCC via Alf Ardal)

USA Callsign updates per August 21. 2001 (FCC via Alf Ardal)

970	KUFO	Portland	OR	KUPL	Aug. 1. 2001
1140	KXPS	Thousand Palms	CA	KCMJ	Aug. 1. 2001
1270	KCMJ	Thousand Palms	CA	KXPS	Aug. 1. 2001
1680	KTFH	Seattle	WA	KAZJ	July 22. 2001
830	WUNO	San Juan	PR	WSKN	May 24. 2001
940	KNNZ	Cedar City	UT	KBRE	May 25. 2001
1150	KKNW	Seattle	WA	KSRB	June 1. 2001
1320	WSKN	San Juan	PR	WUNO	May 24. 2001
1360	KWDJ	Ridgecrest	CA	KZIQ	May 21. 2001

broadcast.dx@radiodx.com

**Compiled by
 Tony King
 Greytown**

A light mailbox again this month although the Spring equinox approaches and I'm hoping for a bumper mail next month. Next month I'll publish an X-Band update as a few new ones have come on the air in the US while we slept through the winter !

Paul Ormandy, Oamaru had a quiet month with QSL's in from CMKW Winkler MB 1570 and KXLW Merced CA 1660. However Paul says he awaits the vernal equinox, and reports below

on a session at Wainakarua on the 9th September.

Laurie Boyer keeps the flag flying with a nice bundle of QSL's in from Sport 1125, 1539, 1XLR 576, Ngatai Porou 585, KSRR 1400, KMCD 1570, KRPX 1080, KRKY 930, KKG0 810, 2KM 1620, WOXR 1580, WTCS 1490 (no 4000 !), WMMN 920, KDYL 1280, KQIL 1340, WOBG 1400, 4EB 1053, and 4MW 1260.

BROADCAST TRAIL

680	0706	USA	KNBR San Francisco, pr-fr in 3YA slop w/sports nx. 9/9	PO
750	0726	Ecuador	R Caravana, Guayaquil, briefest jingle Id between tracks; steady sign with ballads.	PO
940	0709	USA	KFRE Fresno CA, dom with 'Radio Unica' all SS programme. 9/9	PO
1070	0646	USA	KNX Los Angeles CA, fr sig in 1071 het w/sports nx. 9/9	PO
1110	0648	USA	KFAB Omaha NE, presumed the one with sports, id as "ESPN Radio 11-10" then sports-talk. Fr signal all evening. 9/9	PO
1150	0818	USA	KXTA Los Angeles CA, poor in heavy 1052 slop with sports-talk. 9/9	PO
1250	0447	Peru	R. Miraflores, Lima. tent. The one with SS/religion; anthem at 0500 and stayed on air.	PO
1330	0820	USA	KWKW Pasadena, CA fair sig with SS/talk. Not often heard. 9/9	PO
1470	0440	Peru	CPN Radio Lima, fr sig w/nx prog, FA and MA alternating items. 9/9	PO
1480	0659	USA	KYOS Merced CA, local ad then ID prior to 0700, then next nx and back to talk. 9/9	PO
1620	0437	USA	WTAW College Station TX, fr sig with talk prgm. Only X -bander audible at this time.	PO
1650	0839	USA	KFOX Torrance CA, dominating with KK talk. KCNZ in back. 9/9	PO
1660	0729	USA	KXLW Merced CA, dominant o/KXOL w/ranchera mx. Plenty of "La Rancherita" ID's, callsign in SS at 0801. 9/9	PO
1660	0755	USA	KXOL Brigham City UT, briefly surfacing w/invite to relive Utah's railroad history then back to oldies. 9/9	PO
1690	0638	USA	KSXX Roseville CA, pr-fr w/spoken prog in SS. 9/9	PO
1700	0641	USA	KTBK Sherman TX, pr-fr w/string of ads then canned ID "the Ticket" and back to sports. 9/9	PO



adcom.news@radiodx.com

Compiled by
Bryan Clark
Auckland

WELCOME to new members **PAUL GIBSON**, 6 Marlin Street, West Harbour, Waitakere, Auckland and **PAUL BAILEY** of Hobart, Tasmania. Welcome to the new Pauls in the club — we have some fine DXers of this name already!

2001 LEAGUE ANNUAL GENERAL MEETING This year's AGM will be held on Sunday 28 October at the Western Suburbs Radio Club rooms, 3000 Great North Road, Avondale, Auckland, starting at 2.00pm. Deadline for remits from branches or individuals to be received at Box

3011, Auckland was no later than 15 September.

THANK YOU to **PETER GRENFELL** and **BARRY WILLIAMS** for recent donations to League funds.

ASHLEY GULBRANSEN It is with considerable regret that we report the passing of this long-time DX League member. Fellow Taranaki member **ROBERT KRUGER** writes that Ashley "was a very keen shortwave listener, with an interest also in Utilities. Several years of studies and latterly his battle with illness prevented Ashley from actively contributing to the DX Times in recent years, but his interest was still there." Our deepest condolences go to Ashley's family, and thanks to Robert for passing on the news.

JACK BLACKLOCK Jack's widow Shirley has written from Dunedin to thank the League for its message of condolence. She says "I was able to speak briefly to (League members) **JACK FOX** and **GEORGE BEARDSMORE** at the funeral, and was most appreciative of their being there. I remember **JIM BENZONI** as a teenager all those years ago and send him greetings too. Kind wishes to the League and its members".

QUARTZ HILL Keen DXers are reminded that the League is a member of the Quartz Hill User Group. This allows you to use the former Radio New Zealand Receiving Station located at Makara, west of Wellington City, and its 100-acre antenna farm for shortwave and medium wave DX listening, as well as amateur radio purposes. Please contact **MARK NICHOLLS** (editor@radiodx.com) for details.

RADIO DX.COM At its September meeting the Administration Committee approved purchase of upgraded computer equipment for League Webmaster **PAUL ORMANDY**. The committee recognises the importance of the radiodx.com website to attracting new members and encourage the sharing of radio related information with enthusiasts worldwide.

SUBSCRIPTION RATE CHANGE Adcom has also confirmed a reduction in the hardcopy subscription rate for Europe, Africa and South America. Overseas postage rate changes by NZ Post mean that the subscription for all overseas addresses outside of Australia and the South Pacific is now US\$30.

NZART SURVEY From our colleagues at the NZ Association of Radio Transmitters, we learn that a survey of 200 members revealed no one under 24 years of age, 25% between 25 and 44 years, 26% between 55 and 64 years, and 45% of members aged 65 and over. League President **BARRY WILLIAMS** says it is likely that the age demographics of League members are similar.



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AUCKLAND

The 26 August meeting had 13 present at the clubrooms including Mr Jack Fox our Patron. John West handed out copies of a Marine Band frequencies list as a follow-up to our recent NZ Coast Guard visit to Mechanics Bay.

Malcolm Holmes reported that the September planned Waipu Cove DXpedition had to be cancelled because the batch is not available till after New Year's. The Port Waikato (Sunset Beach) site also does not appear to be available. Yuri Muzyka gave a brief update on his latest LiNRADiO GUI (graphical user interface) application program for Linux, working under supervision of Czechborn Milan Hudecek (Manager of WinRADiO Communications, Australia). A pre-release of the software is expected shortly on their website.

Jack Fox gave an interesting talk accounting his life's involvement with professional and hobby radio from the 1930s onwards. Crystal sets in the early days; Invercargill days of DXing with the late Arthur T. Cushen, they both monitored POW namelist broadcasts over Shortwave. Jack's sports results newswires to NZ troops overseas as well as for local radio stations was equally satisfying. Plus his more recent activities.

The September meeting will be the next Auckland Branch AGM (instead of August) on Sunday the 30th at 2 pm at the Clubrooms, 3000 Great North Road, New Lynn, just past Whau Creek. The October meeting is tentatively at the clubrooms on the 28th at 2 pm.

Meetings are on the last Sunday of the month except December.

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Member Profiles

This month we recognise two members who have both achieved impressive milestones in collecting 4000 QSL's. First up is Ian Cattermole who has achieved his milestone on Shortwave and secondly Laurie Boyer who has achieved his milestone on Mediumwave.

Ian Cattermole

While at Ohakea in 1960 I purchased a Columbus tablegram which incorporated the shortwave bands and bandspread tuning. At the time I knew nothing about DX, QSLs etc. As a pastime I used to tune through the SW bands and write down the names of the stations I was able to identify. I came across an English news programme around 0500 at very week level. Over the next couple of weeks I used to rush in from work and listen to this station hoping to identify it. Eventually I did as Radio Brazzaville. I actually wrote to them telling them my story and a few weeks later did receive a nice letter and card from them so I guess this was my very first QSL even though I did not know what it was. Around this time a friend of mine, knowing my interest suggested that I join the DX League which of course I had never heard of. He obtained the address from somewhere and I duly joined up and began DXing in earnest.

A year or so later I was posted to Fiji and aircraft weight restrictions meant that my radio stayed behind to be forwarded later. I was soon to meet my wife to be and DX was terminated for "other" interests? Sadly during postings over the years all my QSLs, logs etc were disposed of although I always thought that one day I would get seriously into DXing when time again permitted.

This I did in 1976 here in Blenheim and this is when my QSL total commenced as I do not include any of my earlier QSLs in my total. I purchased a TRIO 59D from a friend, rejoined the League and got into it. Many a night I was at the dial until around 4am. My very first QSL came from New Caledonia, 7170khz with 20kw. Feb.2nd 1976. In those days this station, also on 3355 and 11710 was regular and easily heard. My main interest has always been Latin America and still is. I have well over 200 QSLs from that region and used to enjoy about a 40% reply rate but alas on recent years these domestic stations are becoming much more difficult to get a response from. They are also very much easier to hear now with many booming in like a local despite their sometimes very low power.

Along came the FRG7 so I ordered one of these and sold the Trio which I lived to regret as it was a good mediumwave receiver. In those days one could not just walk into a shop and buy a receiver but had to order and wait some considerable time. I kept the FRG7 for a few years and then one night in the local paper I saw an advertisement for a JRC 515 which I immediately bought. Oh the pure luxury of the digital frequency readout. No more guesswork. I kept this receiver for a number of years and then decided to purchase a JRC NRD535V which I still use. I imported this direct from USA myself by mail-order and even paying \$US300 airfreight and local GST I was still able to save several hundred dollars. Of course I was able to purchase it from a wholesaler in America and it was here in only 22 days from posting my order. I use a T2FD antenna these days having experimented with many over the years.

Recently I received QSL 4000, this from RCI. My countries list total only 199 and is sure hard to

increase. I often rue the day that I threw out all my early QSLs, logs etc. as there were at least two countries I could claim. My Brazzaville QSL and a very colourful one I recall from Mozambique.

These days I am retired and am able to spend a considerable time at the hobby and am using electronic mail more and more for reports after having some reservations earlier. I look forward to many more years DX in the future but sadly it is no longer the same as more and more broadcasters cease sending out QSLs.

Laurie Boyer

My first logging was 2HD Newcastle Australia on May 12 1951 whilst waiting to hear a sports broadcast from 2HD. I was encouraged by the late Jimmy Martin and also by Jack Fox and from there managed to hear a large number of North American stations from my home. I was then helped a lot by Ken Mackey and taken out to Long Beach many times where I really got amongst them. This made me decide to build a hut at Aramoana where I DXed for a couple of years until they put the power on and I was surrounded by power lines. I used to pushbike the 26 miles to get there most weekends until I upgraded to a Motorbike. Then I shifted the shack to Long Beach where I DXed until 1960 by which time I had well over 1000 veries. In 1960 I shifted from Dunedin to Invercargill and got a lot of good DX at home plus going out to Keith Robinson's at Kapuka frequently to get some rare catches out there. My 4000th verie was WTCS1490 logged on a visit to the USA. I used an Eddystone 750 for many years and now use a LOWE HF 225 plus a Sony 6800 W. I have enjoyed the hobby and made many good friends throughout the years I have been involved in it

I realise not all members collect QSL cards, have sophisticated radio receivers or large aerial systems, so during the coming months I hope to profile both new members and longtime members. Next month League member Cliff Couch will offer some thoughts on 'How he became interested in DX Listening' and the 'Comforts of Fireside DXing'

Article:

Easy 'Bucket' Aerials. Compiled by Tony King

Arthur Demaine's antenna antics have prompted me to reveal my portable antenna masts that enable me to erect dipoles, longwires and beverages, V's, slopers, horizontal open and closed loops, and if I wish - pack them all away at the end of the DX session !

They're based on portable movable short masts - 3 metre lengths of 50 x 50 mm timber embedded in concrete in 10 litre empty paint pails.

I have five of these - in fact Mk II is a one metre length of 50mm PVC downpipe embedded in the concrete - into which a pole slots.

Made with Quikcrete (sets in 15 minutes) the poles are embedded in concrete until the pail is half full (or more if your pole is longer). Once set you can move the pail by carrying it by its handle, rolling it on its edge, or tilting it and carrying it with one hand on the pole.

To measure your antenna dimensions (like a 60 m open loop = four 50' sides) so that you place your poles correctly you either measure the distance with a tape or stride it out with

your own pre-measured stride (heel to heel). Put a stick or stone on the spot and that's your bearings for future open loops, in this case, if you decide to pack up after the DX session. The antenna wire is attached to the poles by simply pulling them towards yourself, S curling the wire through a cleat hook screwed on vertically (\$3.50 for 2) at the top of the pole for tension, and then pushing the poles upright again. Just do the reverse if you wish to vary your array or pack it all away, and wind up the wire. Label the bundle so you know which aerial it is.

This idea is a boon if you don't wish to erect permanent fixtures for poles, and of course two 'on the back lawn' and cleats on the house eaves could also give you an open loop. There's also the added opportunity of "cleating" more than one aerial on each pole at a lower level so that you could have a open loop, a long wire and a V all erected at the same time. ! And if your 'significant other' says the pails "ain't pretty" in the garden, decorate the pails, or only half fill them with concrete and plant flowers around the pole ! May you get buckets full of DX from this adventure !

Article:

Ground Radial Antenna Update. Compiled by Peter Chambers

When writing the article last year on ground radial antennas I was not sure how they worked or what type of antenna I was dealing with. Since then I have established that the ground radial antenna is in fact a beverage antenna. A very inefficient ghost of a beverage antenna. I have calculated that the impedance of the ground radial should lie between 460 ohm and 520 ohm regardless of ground type and wire thickness. Thus as I found in practice a 9:1 or 10:1 ratio balun matches the ground radial correctly to a 50 ohm receiver input. The 100 metre optimum length for 1650 khz matches exactly to the mathematical result for a beverage height of between 1 inch and 12 inches. Optimum length for maximum signal pickup varies with frequency, longer than 100 metres for lower MW and longwave frequencies, shorter than 100 metres for 2.3 and 3.2 Mhz. I maintain my recommendation for using the 100 metre length for MW purposes as the length is optimum for the X band over all ground types, whether wet or dry, with heavy or thin wire. X band DX signals are much weaker than the lower frequency MW DX signals that are generally higher power transmitters and have to push thru a high noise floor of local splash. Undoubtedly however a longer wire length will provide better directivity on the lower MW frequencies but top end pickup will drop off significantly. For specifically DXing the 120 metre band or 90 metre band a shorter wire length than 100 metres will be better.

As the ground radial antenna is in fact a beverage, it can be terminated to reduce rearward signals. A termination resistor of 470 ohm would be worth a try to start with. Now for the bad news. A really good earth connection is required for effective termination of any beverage. A long screwdriver pushed into even wet soil will not do. A full length driven in earth rod is the minimum requirement in damp or wet ground while an upright buried sheet of corrugated iron 4 foot long may be needed for drier soils. Termination is not a viable option for single night one off listening trips. If you have a suitable site you can re-visit regularly then putting in permanent earths for the receiver end and termination end will be worth doing. Find out about buried power cables, gas pipes etc before banging in earth

rods. Fortunately the ground radial antenna exhibits a useful front to back ratio without being terminated. This is due to the losses incurred by a rearward signal travelling to the far end of the wire, reflecting and travelling back to the receiver. With a raised beverage wire on poles these signal travelling losses are much lower so virtually no rearward rejection occurs without a termination.

Ground radial antennas can be installed fairly permanently across sheep or cattle grazing land by threading the wire thru garden hose. Soft pliable garden hose sits on the ground amongst the grass nicely only getting disturbed by cattle if the earth turns to really soft mud.

At Waianakarua I discovered that running the ground radial wire underneath scattered Kanuka trees produced a very poor result. Re-running the exact same length of wire out in the open paddock away from overhead trees worked much better.

Another important point is that the wire needs to be fully insulated along its full length. Low insulation to ground via exposed joints in wet grass etc will definitely degrade pickup and directivity, especially low insulation in the middle section of the wire.

A ground radial antenna can be fed to a receiver successfully via a coax length of 100 metres or more. Most important that a matching isolation balun be used between coax and antenna to stop noise transfer to the antenna and corruption of directivity. Matching the approximate 500 ohm impedance of the antenna to the coax impedance is very necessary due to the low initial signal level. Once matched, losses thru the coax are miniscule at low frequencies, much longer lengths than 100 metres of coax will produce no noticeable signal loss compared to the balun feeding directly into the receiver. A reasonably good earth for the balun at the antenna will be needed.

Signal levels coming off the ground radial antenna are significantly weaker than those obtained off a raised beverage on poles, correct matching to the receiver is important. A fully sensitive receiver on MW is a definite bonus, be wary that some expensive communications receivers and most cheaper receivers are deliberately desensitised by up to 20dB on MW to prevent overloading on big powerful antennas. For ground wire antennas full sensitivity is required. Most receivers can be modified to restore full MW pickup. If you are fortunate enough to find a listening site so free of electrical noise that your receiver cannot hear the difference between having the antenna connected or dis-connected while on a X band frequency early in the evening, then much can be gained by using a tuned amplifier. My Drake R8A receiver is sensitive enough to produce 10dB signal to noise for a 60% modulated AM signal of 1 micro volt from a 50ohm source. I have bench tested the receiver myself to prove that this is so down to right thru mediumwave frequencies. Wanting even more sensitivity for DXing the X band in quiet locations I experimented with tuned amplifier circuits and came up with a very good result. I now have a 500kHz to 8Mhz amplified tuner that has at least 10db better sensitivity than the Drake itself, the tuning being sharp enough to eliminate overloads that such pre-amplification would otherwise cause. My tuned amplifier can dig out signals at 100% copy that are barely audible on the Drake alone. I will be writing another article on this tuned amplifier sometime.

I am very pleased to hear of various people trying out the ground radial antennas and getting some interesting results. All one needs for to get really good MW and X band DX is some wire, a good receiver, a balun, and a good location. Good luck to all who give it a try. Feel free to contact me for any additional help or information or just to tell me of your success or otherwise.

Article:

Wavescan Topics by Adrian Peterson. Compiled by Bryan Clark

This month we begin an occasional series featuring material contributed by prolific international radio historian and DX hobbyist Dr Adrian Peterson, Co-ordinator - International Relations for Adventist World Radio (AWR) and previously aired on AWR's SWL/DX feature programme 'Wavescan'.

To start the series, Adrian Peterson tells us something of his life and interest in international radio.

"I was born at Victor Harbour in South Australia, and grew up in Charleston, where my father had established a motor business just before World War 2. My Uncle Max Mudie, who lived near Victor Harbour, introduced me to the wonderful world of international radio. He used to build his own radio receivers, so I learned to do this also. Many of my earlier QSLs, Australian & overseas, were logged on these (uncalibrated!) home made radio receivers, using generally the old English Cossor valves.

During the early part of the Pacific war, I was invited to monitor broadcasts from the Japanese shortwave stations in Asia in the same way as Arthur Cushen. His name was mentioned to me, and the authorities indicated to my father that I would be given a suitable radio receiver. However, I was a little younger than Arthur, I was still attending high school, and I was a little afraid of listening to broadcasts from what were at the time enemy radio stations. So I hesitated to accept!

Other South Australian radio enthusiasts in those early days included Rex Gillett (with whom I still exchange letters), Ted Fluck and Wally Young. Ern Suffolk was my mentor at the time, and he lived near Lobethal, just a bicycle ride away from where we lived.

I studied theology at a college near Newcastle in NSW, where I met my wife. We served in South Australia, Tasmania and Western Australia before accepting a transfer to the countries of Southern Asia in the interests of radio ministry. In Sri Lanka, I became acquainted with the well-known Victor Goonetilleke, and the Sri Lanka Broadcasting Corporation invited me to begin a DX program, the old Radio Monitors International.

After nearly 20 years service in the dozen countries in Southern Asia, we were invited to transfer to the United States, where I am involved in many areas of AWR activity, including the AWR Board and other AWR Committees, and the DX program Wavescan.

I have two academic degrees in theology and two in international radio communications. My doctoral dissertation was on the history of Radio Australia.

Over the years, I have accumulated a collection of more than 30,000 QSLs (I am in the process of counting them and entering them into a computer file, and this will take a year or two

to complete). It is probable that I have visited more radio stations in more countries of the world than any other person, and I lay claim to being the only person in the world who has jogged the entire coastline of Goa, in India!"

Thanks for the introduction Adrian. Next up will be a look back at the history of Australian Army Radio.

Australian Army Radio

In recent time, many DXers and international radio monitors worldwide have reported hearing the unique shortwave service for Australian troops serving in the peacekeeping forces in Timor and elsewhere. Over a period of time, these broadcasts have been radiated over transmitters located at 3 different radio bases in Australia, and they form an interesting update to the entire story of radio broadcasting by the Australian Army Amenities Service (AAAS). This is the story, which begins way back during World War 2.

The first radio broadcasting unit for Australian Forces was a mobile studio which was commissioned in Australia in June 1942 and shipped to the Middle East. Originally, it was intended that this mobile radio studio would broadcast back to Australia with war news and information from North Africa and the Middle East. However, because the shortwave transmitter had an output of only 1 kilowatt, these intended broadcasts became impractical. Consequently, the mobile studio was used mainly for producing programs in the battle areas and for broadcasting them over local radio transmitters.

During the Pacific theatre of World War 2, a series of some 21 mobile radio stations were constructed in Australia, tested late at night from locations in Melbourne and Sydney, and then shipped to forward areas. These stations were rated with a power output ranging from 10 watts up to 200 watts. On one occasion, and quite by chance, I heard one of these stations, at a distance of some 500 miles. It was 9AF, with 200 watts on 1440kHz, broadcasting a test program from Melbourne late at night. These AAAS stations were based in the main areas of Australian troop deployment in the Pacific islands and were supplementary to the larger number of American Armed Forces Radio Stations in the same areas. The whole series of callsigns for the AAAS stations at the time ranged from 9AA to 9AP.

Many of these stations were transported from place to place according to the movement of the armed forces in the various stages of the Pacific war. One of the stations, 9AG with 200 watts on 1340kHz, was established at Balikpapan in Borneo. When the Australian troops moved forward, this station was handed over to the Dutch authorities, and it became the local station in the NIROM network. In addition, several other stations were constructed locally in forward battle areas, or were taken over from a retreating enemy. Such stations as "Radio RAAF Milne Bay" and "RAAF Radio Madang" were well known in the area at the time. At Port Moresby in New Guinea, a 500 watt station on 1250kHz was officially opened by General Douglas MacArthur on February 26, 1944. The first allotted callsign was 9PA, but this was soon changed to 9AA, signifying its status as the parent station for all of the forward stations with callsigns in the 9A series. The QSL letter that I received from this station lists the call as 9PA,

when in reality, as an army station at the time, it was really 9AA.

In addition to the testing of the mobile MW stations in the two cities, Melbourne and Sydney, additional army stations have been established in other areas of mainland Australia. These have operated generally on the medium wave band, though one in particular was a shortwave broadcaster. At Darwin in Australia's Northern Territory, a MW station was established in 1944. This was 5DR, standing for Darwin Radio. It was in use as an army station for 2 years, and then it was taken over by the government broadcasting service, the Australian Broadcasting Commission, as the Northern Territory relay station for the ABC home service network. This station was later designated as 8DR, and its callsign has since been changed to 8RN.

Soon after the war was over, an experimental broadcasting service was launched from an air force base at Higgsfield in North Queensland. This station announced as "Radio RAAF No 2", identifying the air force unit that was operating it. The 100 watt transmitter on 1470kHz was on the air in August 1945, with the intent of launching an entertainment/information radio service, but the project was abandoned. Then, in November 1955, the first army shortwave station came onto the air unannounced, from Puckapunyal in Victoria. This station radiated 25 watts on 7850kHz, and it was on the air just 2 hours per week.

Towards the end of the Pacific war, a 50 year old wooden ship, the "Apache", was fitted out in Sydney Harbour as a radio station and sent up to the Philippines. This station, announcing as WVLC, took over some of the Australian shortwave broadcasts from VLC Shepparton and it also relayed American AFRTS and VOA programs, over a channel in the 7 MHz band. In addition, several warships in the Pacific - British, Australian and American - began to relay programs from Australian MW stations to surrounding areas on shortwave. One of these, for example, was the HMS Grenville, which was heard relaying the commercial programs from 2KY Sydney in January 1946. More recently, some of the larger Australian navy vessels have incorporated a radio station as part of their onboard entertainment facilities. In some cases, these stations have radiated programs over a MW transmitter, and in other cases, programs are available on board the ship via closed circuit cable. One of the ships, HMAS Canberra for example, was stationed off the coast of Vietnam during the South East Asian conflict.

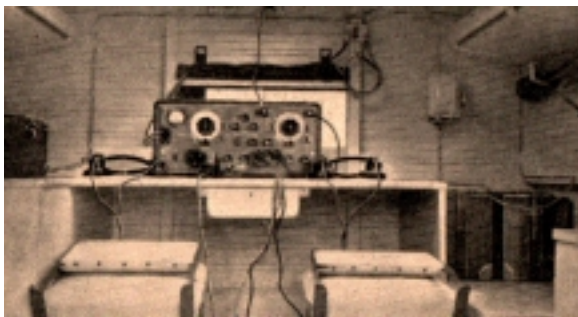
During the era of occupation in Japan, at least four of the mobile 9A stations were taken to Japan. These were incorporated into existing Japanese stations and were allocated callsigns in the American W series. For example, the 10 watt station, 9AQ was located near Kure in Japan. It was first identified as WVTX and then later as WLKU. All of these stations were broadcasting on MW, but one of them, 9AL - WVTV-WLKS was also broadcasting for a while on shortwave. When the Korean offensive began, Australian troops also moved into the peninsula, and so too did some of their radio stations, as many as four of them. Along with the American "Good Morning Vietnam" series of AFRTS stations, there were also a couple of Australian stations located

in Vietnam as well. One of these was a 500 watt station broadcasting from Vung Tau on 1040kHz. Another station was located for a while at Hue, nearby to the larger VOA and AFRTS stations.

Back on 1 July 1960, a rather substantive radio station was established by the Royal Australian Airforce at Butterworth on the Malay peninsula, just across from the island of Penang. This AAAS station broadcast from two 500 watt transmitters, using each on alternate days, both at 50% power. They also had a choice of two simple antennas, an inverted L and a folded dipole. This station was occasionally heard further afield, and on several occasions, I heard it in India and Sri Lanka. Radio RAAF Butterworth served some 5,000 Australian personnel at the air base and it left the air when Butterworth was closed in the late 1980's.

The latest endeavour in AAAS broadcasting made its appearance - unheralded, unannounced and unexpected. A few years back, a new shortwave service for Australian forces serving in Somalia came onto the air. At first, the half hour programs were broadcast from one of the 250 kW shortwave transmitters of Radio Australia located on Cox Peninsula near Darwin in the Northern Territory. A while afterwards, DXers in Europe and elsewhere, reported hearing similar programming on other channels not listed for Radio Australia. Subsequent information revealed that these transmissions were coming from two different locations. One is VHP, the large Navy radio station located at Belconnen near Canberra, Australia's capital city. The other is NMC-VLF, the America radio facility located near Exmouth at North West Cape in a Western Australian coastal area. These transmissions were on the air several times a day from both locations. Studio facilities are housed in one of the government offices in Canberra, and the first broadcast each day was presented live. The broadcasts from Exmouth were directed towards Somalia and the broadcasts from Belconnen were directed towards Kampuchea. Programming consisted of contemporary music interspersed with calls from relatives in Australia to servicemen on ships and in Somalia and Kampuchea.

Thanks Adrian – we hope members enjoyed this look back at a unique chapter of Pacific radio history. The League's Heritage Committee is currently collecting material such as this for the Pacific Radio Heritage Collection. The Committee includes webmaster Paul Ormandy, patron Jack Fox, radio historian Dr Adrian Peterson, archives master Peter Grenfell and researcher David Ricquish. The Collection is an internet-based free information resource focussing on the history of broadcasting in our region.



Article:

Book Review. Compiled by David Ricquish

Sparks out of the Plowed Ground (The History of America's Small Town Radio Stations)

by Bob Doll

Streamline Publishing Inc, 224 Datura Street
#718, West Palm Beach, FL 33401

ISBN 1-886745-05-6, Published 1996

322 pages



This is a book I couldn't put down. There's something about pulling a tiny 1000 watt from Kansas which gets the DX adrenalin pumping, and many DXers know the thrill of getting the cardboard postcard with big bold call letters and a postmark from 'Nowhere, KS'. This is the story of all the small town radio stations in heartland USA, the ones without automation, slick DJs and snazzy slogans like Kiss and Beat and Jam.

Here are the stories of stations in Idaho, Georgia, Washington, Maine which go back to the 'golden days' of radio. The local people who invested in 'their' radio station, the days before TV, the impact of FM, the arrival of big communications giants (like Clear Channel who even own stations in NZ) and networked programs and the loss of local radio.

Through it all, small town radio has survived. New technology enabled services to continue in non-economic markets, and there are many mini-empires in obscure counties and states. Full of personal stories, battles, and numerous anecdotes, this book takes you behind the mike and brings those call letters like KOAC (Oregon State Agriculture College) 550 alive.

Kiwi DXers have heard hundreds, if not thousands of these small town stations over the past 80+ years, collected the QSL cards and the friendly letters and Ekko stamps. Full of history, decade by decade details of stations, program formats and more, this is a great read to enrich every DXer who ever heard those small town stations.

They're still there. Says **Bill Dahle, KUAI-AM Eleele, Hawaii**: We'll continue to place local events ahead of state and national issues. We do more in small markets than stations in large markets do, with a lot less people, and I think we do it well. The economic viability of our market is a major concern, but it is not the overriding factor. It's what we do and how well we do it.

(Visit www.radiodx.com/spdxr and read 'King KONG battles KUAI' for an inside look at the KUAI story, part of the Pacific Radio Heritage Collection (c) and the best known small town station in Hawaii).

Reviewed by David Ricquish with thanks to Paul Ormandy

NEW ZEALAND RADIO DX LEAGUE (Inc.)

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

NZRDXL AdCom, PO Box 3011, Auckland

Patron - Jack Fox jackfox@xtra.co.nz
president@radiodx.com - Barry Williams
National Secretary - Evan Murray (Tel. 09 483 9543)
varisian@ihug.co.nz
vice.president@radiodx.com - Bryan Clark
treasurer@radiodx.com - Phil van de Paverd

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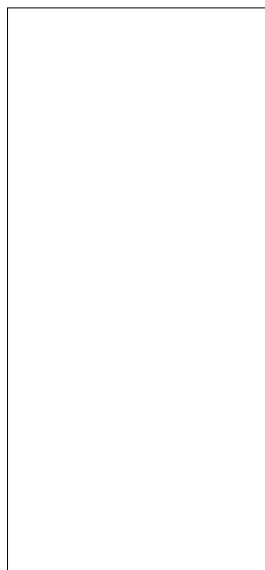
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