



Monthly journal of the
New Zealand Radio DX League (est. 1948)

October 2001 - Volume 53 Number 12

<http://radiodx.com>



Station Profile - Radio New Zealand International

Radio New Zealand International 'Our station' 'Our Voice'. Started in 1948 when the then Prime Minister Peter Fraser said its objective was to "Present an accurate picture of life in New Zealand to people abroad". Broadcasting commenced using 7.5 kw transmitters located at Titahi Bay (just north of Wellington). Over the years the Shortwave broadcasts underwent several changes, until 1982 when the Government subsidy was cut and most special shortwave programmes were stopped. It was not until after the first coup in Fiji in 1988 that people began to realise that we had an ineffective voice in the Pacific. On Wednesday the 24th January 1990 the old transmitters at Titahi Bay were closed and the new and current transmitters came into use. (See page 2 for photograph of the Rangitaiki transmitter site. Radio New Zealand International is currently funded by the Ministry of Foreign Affairs and Trade

Radio New Zealand International Aerials

RNZI operates two high frequency and two low band aerials.

Radio New Zealand International Transmitter

The transmitter is sited at Rangitaiki, 41km east of Taupo in the centre of the North Island of New Zealand. The transmitter coordinates are 176.25E and 38.50S. Audio is fed to the transmitter by a digital link from the studios in Wellington, 400 kms south of Taupo.

The transmitter was manufactured by Thompson CSF of France and installed in 1990. It has an output power of 100kw and is equipped with three transmitting tubes; 2 x

TH581 with hypervapotron cooling and one TH581 with air cooling. The station broadcasts 15 hours a day, and the frequency is changed at intervals so as to maintain a strong



Radio New Zealand
International
<http://www.rnzi.com>

Articles this issue:

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Contribution deadline for next issue is Wed 7th November 2001 PO Box 3011, Auckland



Photo credit
Mark Nicholls
1990



signal in the Pacific region.

It includes a control and telemetry system operating through a standard RS232 computer port. It is unmanned and is controlled from our Studio in Radio New Zealand House, Wellington. The transmitter is single sideband capable and has Dynamic Amplitude Carrier Modulation as standard.

It is frequency agile, and can be tuned automatically to any frequency in the HF broadcast bands. Dynamic Amplitude Carrier Modulation is a system designed to reduce power costs by reducing the carrier level transmitted to a level necessary for demodulation of the received signal. A number of international broadcasters are now retro-fitting this system to older equipment to obtain power savings. (Technical Information from the RNZI website)

Radio New Zealand International Frequency Schedule - 07 October 2001 - 18 March 2002						
UTC	NZDT	kHz	Metre Band	Primary Target	Azim	Days
1650 – 1750	0550 – 0650	11725	25	NE Pacific, Fiji, Samoa, Cook Islands	35'	Monday to Friday
1751 - 2216	0651 - 1115	15160	19	All Pacific	0'	Daily
2217 - 0358	1117 – 1658	17675	16	All Pacific	0'	Daily
0359 - 0705	1659 - 2005	15340	19	All Pacific	0'	Daily
0706 - 1005	2006 - 2305	11675	25	All Pacific	0'	Daily
1006 - 1205	2306 - 0105	15175	19	NW Pacific, Bougainville, East Timor, Asia	325'	Daily
1206-1650 UTC	0106 - 0550	6095	49	All Pacific	0'	Usual Closedown is 1205 UTC - this frequency is for occasional overnight broadcasts to the Pacific for Sports commentaries or Cyclone Warnings

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QSL's

RNZI welcomes reception reports by e-mail or post. Please do not send cassettes.

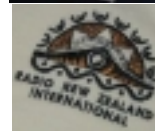
All DX reception reports must contain detailed programme information for verification purposes and be accompanied by return postage, some mint stamps from within New Zealand or two International Reply Coupons (IRC) or \$US2 for reports from outside of New Zealand if a QSL is sought .

E-mail reports will be verified by e-mail only.

Radio New Zealand International also sells Polo Shirts. These would make a great Christmas present for friends or family Overseas. For more information on ordering check out the website at <http://www.rnzi.com> or write to RNZI at the address above

These Polo-shirts feature the RNZI Pacific Logo and Pacific Tapa pattern. They come in two colours -Maize (mustard) or Cream..

Polo-shirts cost **\$NZ 60.00** (Approx. \$US 25) and includes postage and packing anywhere in the World. They accept **VISA** or **MASTERCARD**.



talkback@radiodx.com

Compiled by
David Ricquish
Wellington

Recent world events suggest it's useful to remember the old saying **the first casualty of war is truth** and to bear this in mind whilst listening to some of the radio broadcasts which are now being heard.

AFRTS broadcast facilities usually follow the American military, and broadcasts can be expected from unlikely locations such as Pakistan and Uzbekistan. The last AFRS broadcasts from Pakistan were made in the 1940's when a MW station was located in Karachi, which then formed part of British India.

VOA broadcasts from the 1314 MW relay in Armenia to Central Asia may clash with BBC broadcasts from the UAE facility also on 1314, which the BBC have leased at short notice.

Chris Martin, Brisbane adds 'so how hot is the radio war going to become? And what part can we expect the Diego Garcia base to play in the propaganda war, if any?.'

An interesting posting to the Sat TV list from a regional ISP says they have to get off a PAS2 satellite transponder from October 15. The transponder is being commandeered by the US Government.'

As at the time of writing (late September), the **Taliban radio Voice of Shariah, Kabul** can be heard on 7087v with some English language programs. Listeners can expect jamming of these signals at some stage.

Radio Pakistan, Islamabad is regularly heard on 11655/15455 in English, at 0045 UTC and other times. Monitoring of other stations in Iran, the Central Asian republics and throughout the Middle East will no doubt reveal new signals as CIA and PsyOps transmitters come on air from **Northern Afghanistan**, and various other new voices are heard.

This brings us to the subject of **illegal broadcasts** which were roundly condemned by Ken Baird last month.

David Norrie, Auckland writes 'Whilst respecting his views, I beg to differ with Ken. Picking up 40 watt pirates from the UK, Chile, Holland or Germany is great fun. There is zero chance of a few pirates disrupting the band for others. Live and let live. The radio listening hobby is far too small for us to dictate what should and shouldn't be reported on.

Radio North Sea International and Radio Caroline and their like, shaped music radio as it is today, whether we like it or not.'

Jack Fox, Mosgiel says 'The pirate radio issue has again been raised. The view way back was not to have anything to do with pirates. In earlier years, some DXers have assisted radio inspectors about these stations. It was known that veries have been obtained from these stations by members.

How many have Radio Hauraki verified when it was on the Tiri? No, times have changed in the same way they've done with Utilities. It's an avenue of DX. Look at the world wide interest in Utilities today. I'm all for it, it's part of the hobby. If you don't like them, you don't have to listen or report these stations'

David Miller, Dunedin comments 'Pirate radio is on air to offer something different, and exercise freedom of speech, and play something usually ahead of its time. Stations offering excitement included Radio Caroline and Laser 558 in the early 1980's. The word I have for pirate radio is excitement and getting out of the square.'

(My own view is that **freedom of speech includes freedom to broadcast**, balanced with responsible use of a community resource, frequencies. To my mind, all broadcasting is legitimate, and no broadcasts can ever be illegal.)

A co-incidence maybe? DX clubs around the world, and especially in the UK, Europe and NZ, reached their highest levels of active membership since the 1930's, when pirate radio exploded on the scene and drew a surge of young people into the fresh and exciting world of radio from the late 1960's.

Next month, courtesy of **David Miller**, we have the story of pirate **Radio Westport 1480**, at the top of the dial long before the Tiri got there.

Dr Adrian Peterson, Indianapolis, IN comments about the **Pacific Radio Heritage Collection** articles: Obviously there's a huge wealth of information out there about all of these stations in the Pacific during WWII, and it's just a matter of collecting and assembling it.

As you're aware, I'm continuing in **Wavescan (Adventist World Radio)** with the series on WWII stations. Soon, I'll move from the SW scene to the MW scene. There's a massive amount of research in this area, but it'll come out, slowly but surely.'

Jack Searle, Haumoana continues 'One station in enemy hands which springs to mind

was that operated by the Japanese from Singapore. Right now I'm assuming it was on SW, but I recall it being well received on my Columbus Radio/bed spring antenna at New Plymouth. They identified as **Radio Shonan, formerly Singapore** and I believe 'Shonan' translated as 'Shining Light'.

This station used to broadcast all sorts of propaganda intended to break the morale of allied forces and the civilian populations of Australia and New Zealand. On one occasion I heard them broadcasting a few messages from POW's, including a NZer from the King Country so I wrote to his parents who later replied that this was the first they'd heard of their son since he went missing 18 months earlier.'

Several members have asked where to buy **Sparks out of the Ploughed Ground** which we reviewed last month. Borders (Auckland), Dymocks or Whitcoulls nationwide can probably special order it for you, or you can try on-line retailers such as www.amazon.com as well. The cost is around NZ\$70 on current exchange rates.

Shortly, we'll have a review of **Radio Happy Isles** published by the University of Hawaii Press who recently sent me a review copy. It's a very well researched book about the current radio scene around the Pacific, with inside stories from stations such as A3Z Tonga, 2AP Samoa, visits to stations in the Marianas, Guam and other parts of the North Pacific, and commentary about news services and challenges facing Pacific stations.

In the meantime, you can now download for free, the book **A Passion for Radio Radio Waves and Community** edited by Bruce Girard. Originally published in 1990, the e-version contains new chapters. Some 22 radio stations, from KPFA (USA) to Radio Ase Plere An Nou Lite (Martinique) to Radio One (Prague) and more are featured. Each chapter tells the story of a community radio station, its struggles, triumphs and challenges. **Radio Venceremos** is one of the more well known ones. Go to www.comunica.org for more information and to read for free.

Paul Ormandy, Oamaru meanwhile has added new features to www.radiodx.com which include a new index page with a full site based search facility, regularly updated news banners, and new icons across the growing number of pages. And, more articles too.

Tony King, Greytown has some practical advice for **Cheap and Very Cheerful Quick Antennas**: If you want a 60m half wave dipole that fits in your pocket (or car glovebox) readymade, head for your nearest \$2 Shop and buy the prepacked 50ft of twin copper speaker cable. Split it, and you have two legs of a dipole (47ft) with technically, 6ft over for the lead-in.

And, while you're there, invest another \$2 to hot up the aerial on your pocket radio, by buying a 5m steel measuring tape, just attach an alligator clip between the tape and your aerial connection and watch your db's lift.

And, if you want to run out up to six aerials, invest in some plastic sheep fencing standards at \$2.85 each from Farmlands, Wrightsons or a rural supply store. There are fixtures on each 1 meter standard for up to about 8 wires. May the signals be with you!

Barry Williams, Auckland writes 'I'd like to congratulate **Peter Chambers** on his recent articles on the Ground Radial Antenna. The September update was excellent. His evaluation of the radial v beverage was of interest and results expected by me.

From **Phil Van de Paverd's** comments with his trials, the low noise pick up compensates for the low gain. It appears the pre-amp may solve this disadvantage. I await with interest Peter's comparisons of the ground-radial antenna with the pre-amp against the beverage.

If it comes close, then we indeed have an antenna that performs well on MW, and is

easy to construct and erect in a suitable location. Something DXers have been looking for, for years.'

Our **Pacific Islands Report** this month includes: **NBC Papua New Guinea** staff strike looms as government interference with news bulletin content continues and the News Director remains suspended for including items the government wanted silenced.....**Vanuatu's Broadcasting and TV Corporation** GM is sacked for delays in paying meeting allowances to his Board.....**Radio Cook Islands** and other stations on Rarotonga may be off-air from time to time. One of the two main power generators on the island has literally, cracked up, and power blackouts are expected.

Tahiti Nui TV has established a program partnership with TVNZ which will see Maori language programs being broadcast in French Polynesia....**Fiji Broadcasting Corporation** has got the public service contract for Fijian/Hindustani and rural programs for the next three years after beating off private radio competition.

Jeff Burris (via email) responds to the **WXLE Canton Island** articles in the **Pacific Radio Heritage Collection**: I read your articles with utter fascination. Allow me to add a little more to what you have. A very important time segment was left out. I was on Canton from 1961 through July 1963 and worked for Bendix Radio. We operated the Pacific Missile Range site for tracking the astronauts and capsules of the Mercury Program.

As far as I know, I was the first US ham radio operator on Canton, callsign KB6CA. I was a communications operator on the site and one of the technicians, a radio ham, got us a Collins transceiver to run phone patches between the guys on the site and their families.

I got my licence, and whenever I got on air, I'd be bombarded by hams trying to make contact. Our primary purpose was to run phone patches, but I had contact with some of the hams not involved in the patches. It was a lot of fun, but when I left Canton I never continued with ham radio. Another ham, KB6CB operated much later. Thanks for the great site and bringing back a lot of wonderful memories. I really want to thank you for the beautiful picture of Canton which I've now made my desktop.'

Thanks to **Mark Nicholls, Wellington**, we've tracked down two new stations on Canton Island, KIBE 1248 in 1954 and KIBS 1510 in 1961. Full details are in the updated WXLE Story Part 2, at the Pacific Radio Heritage Collection, www.radiodx.com and will appear in the NZDX Times later. Old WRVTH volumes hold a wealth of research material.

Jack Fox, Mosgiel has some more comments: 'Firstly, I'm enjoying reading the Heritage pages and having items in the NZDXT is excellent, especially for those without a computer. Each issue of the journal is always filled with interesting news, and the September one was a bumper like the others. I enjoy reading the many articles, including profiles, the war-time radio stations and others. **Talkback** is a great channel for members views and I note how popular it is.'

Ernie Hakanson, Auckland sends us the latest **NZ Vintage Radio Society** magazine, which includes coverage of their display (with the NZRDXL) at the recent NZART Conference; a General Radio Model S9A Restoration; the NZPO Radio Section in WWII, and a very large Marketplace of radio equipment to buy, sell or trade. Visit www.nzvrs.pl.net for more details.

First we had X-banders, now we have **Radio to the Power of X** as **XM Satellite Radio** finally launched 100 digital channels in Dallas and San Diego, where consumers can buy Sony XM radios from RadioShack, Circuit City and other major retailers. The SE and SW roll out in mid October, the rest of the USA in November.

There are 13 news and information channels, and 71 music channels (30 are com-

mercial free) and both General Motors and Honda include XM radios in all 2002 models so that listeners can hear the channels nationwide whilst driving. (multichannelnews.com).

Now, two items from the bet you didn't know this one category. First, **Radio Station ZBP, Pitcairn Island** operates with 500 watts on 500 kHz, 7859 kHz, 9200 kHz and 12110 kHz, from 0400-0600 and 1600-1830' and, before you go rushing to log this one, that's the entry for Pitcairn in the 1954 edition of the WRTVH. Sorry, one less country for the collection.

Likewise, FM broadcasts legally began in Australia in the late 1970's right? Wrong. The **ABC broadcast in FM in 1954** from Sydney on 91.1 with 2kW, from Melbourne also on 91.1 with 2kW and from Adelaide, on 97.3 with 250 watts. These were said to be experimental broadcasts, but they certainly predated the launch of FM broadcasting by over 20 years. **Dr Adrian Peterson** adds that broadcasts were in Brisbane also. Again, those old WRTVH's throw up some fascinating facts.

We end this month with a **salute to the Voice of America** for maintaining editorial independence and ignoring the US State Department's instructions to refuse airtime to an interview with supporters of Osama bin Laden. There are many interesting signals around right now, and the **Utility DXers** should have some unusual catches as well. **Daylight Saving** took effect October 7 and if there are early snowfalls in the eastern USA, some good W calls should make it through this time of year, along with Europeans/Middle East MW signals at sunrise and longpath just before sunset.



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**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

- 2850 0930 NTH KOREA?? KCBS fair in Korean with pops and show music — KVB 30/9
- 3275 0912 PNG, R Southern Highlands fair in EE with news — DN 2/10
- 3300 0945 GUATEMALA, R Cultural pr in SSwith spoken prgm and mx, ID 1002 KVB 24/9
- 3344.10927 BOLIVIA, R Ayopaya with OM with announcements, best on LSB to avoid Ternate, regular every night — PWO 23/9
- 3905 0942 INDONESIA, RRI Merauke way over PNG with talk in Indonesian, sounded like messages — PWO 23/9
- 0953 INDONESIA, RRI Merauke fair in Indonesian with music and phone-in, slight co-channel QRM, ID 1001 — KVB 19/9
- 3955 1830 UK, R Taipei Intl fair in EE with Mailbag Time, steady QRN — CC 23/9
- 4753 1450 INDONESIA, RRI Makassar poor in Indonesian with comment. IS, ID 1459 then off at 1500 — KAB 6/9
- 4885 0925 BRAZIL, R Difusora Acreana Rio Blanco strong in Portuguese — IC 17/9
- 4890 1220 PNG, Port Moresby good with EE pops — KAB 27/9
- 4926 0930 BOLIVIA, R San Miguel v good in Spanish — IC 10/9
- 4939.50844 VENEZUELA, R Amazonas with natl anthem followed by s/on with brief ID and

- music, badly distorted audio — PWO 24/9
- 4965 1850 ZAMBIA??, R Christian Voice?? Poor in EE with music and YL speaking, very noisy — CC 23/9
- 4991.1 0547 SURINAM, R Apintie audible every evening about this time with EE pops and few announcements — PWO 25/9
- 5010 1855 MADAGASCAR, R Madgasikara strong with full ID and natl anthem 1859, distinctive brass band with xylophone ending. Was on 5009v — DN 3/10
- 5035 0900 BRAZIL, R Aparecida strong in Portuguese — IC 17/9
- 5825 0431 USA, WEWN good in EE with usual Catholic prgm — CC 23/9
- 5920 1834 SLOVAKIA, R Slovakia Intl good in EE with news and music, ID 1836 // 6055 & 7345 the same — CC 23/9
- 5925 0440 FRANCE, RFI good in FF with discussion // 15135 & 15155 the same Cc 23/9
1450 VIETNAM, V of Vietnam good in Vietnamese with French lesson, ID 1500 followed by news — KAB 4/9
- 5965 1030 NETHERLANDS ANTILLES, RN good with 2 hour broadcast to East coast of Nth America — PWO 23/9
- 5975 0445 ITALY, RAI fair in EE with ID, music, announcements with QRM and distortion — CC 23/9
- 5995 0610 MALI, R dif Nat Malienne fair in the clear with folk music// 4835, no sign on 4784 — PWO 24/9
0800 PERU, R Melodia fair in Spanish with good IDs — IC 2/10
0703 PERU, R Melodia Arequipa fair in Spanish with 2 quick IDs — DN 2/10
- 6000 0923 BRAZIL, R Guaiba fair in Portuguese with spoken prgm and ads, T/S 0930, ID 0933 — KVB 24/9
- 6025 0459 HUNGARY, R Budapest fair in EE with ID in various lang's, rather noisy CC 23/9
- 6030 0520 GERMANY, SDR Mulacker fair with EE pops // 7265. Audible Mondays PWO 24/
0850 CHINA, CNR1 Beijing fading with talk in Chinese, audible on Mondays when R Marti silent 0400 — 1000 — PWO 24/9
- 6040 0919 BRAZIL, R Clube Paranaense good in Portuguese with phone-in and ads, refs to US music titles and singers, ID 0927 — KVB 19/9
1035 TAIWAN, CBS Taipei fair in Chinese/vernac with OM/YL in discussion, Chinese pop music, canned ID at 1046 — KVB 19/9
- 6065 1730 SWEDEN, R Sweden fair in EE with news after IS, ID. Co-channel QRM from BBC Oman — KAB 4/9
- 6070 0528 CHILE, Voz Cristiana fair in Spanish with Latin music & ID, noisy & distorted — CC 23/9
- 6155 0435 AUSTRIA, R Austria Intl good in German with music // 13730 — Cc 9/9
- 6880.1 0510 CHILE, Andino relay fair in Spanish with some EE announcements. Off at 0601 IC 16/9
0520 CHILE, Pirate Andina Radio with announcements in EE and Spanish. Improved as time progressed. E-mail reception report confirmed power of either 40W or 90W — DN 16/9
- 7110 0455 TUNISIA, R Tunisienne good in Arabic with indig music //7275 the same, 9720 & 12005 poorer — CC 16/9
- 7125 1503 THAILAND, VOA good in EE with ID 1404 and news on Nth Korea — KAB 3/9

- 7140 1510 CYPRUS, BBC WS v good in Arabic with news — KAB 3/9
 7150 1510 TAIWAN, CBS Taipei fair with Taipei news and Chinese misc — KAB 3/9
 7160 1510 CHINA, CRI fair in EE with news, ID 1515, address and ID 1528 — KAB 3/9
 7235 2030 GERMANY, Everest Radio fair in presumed Napali, gave URL as
www.everestradio.co.uk - PWO 23/9
 7250 0518 VATICAN, R Vatican fair/good in EE with music, announcements and IS CC 11/9
 7255 0605 NIGERIA, V of Nigeria fair with music then item on UN programmes in Nigeria
 PWO 24/9
 7260 1220 VANUATU, R Vanuatu good in Bislama with US news — KAB 27/9
 7315 0500 USA, WHRI fair in EE with news after ID — KAB 18/9
 7420 1950 RUSSIA, R Gardarika good in Russian with some EE announcements — IC 5/9
 7449.80558 UK, R Nova Intl Pirate with pops, no ID but subsequently confirmed by e-mail
 reception report as R Nova at 40W — DN 16/9
 7465 0506 NORWAY??, R Norway Intl?/ good in Norwegian?? With OM speaking CC 16/9

Thanks to all the contributors for this month. Don't forget the frequency/time changes at the end of October. 73's, Ken Baird

CONTRIBUTORS FOR THIS MONTH

CC - Cliff Couch, Paraparamu, ATS 803A, 60m horizontal loop, 2x30m wires N/S & E/W: **DN** — Dave Norrie, Auckland, AOR 7030, T2FD, 25m longwire with balun, 12m vertical : **IC** — Ian Cattermole, Blenheim, JRC NRD 535, T2FD and Alpha Delta antennas: **KAB** - Ken Baird, Christchurch, R5000, Drake SW2, 15m wire, Eavesdropper: **KVB** — Kelvin Brayshaw, Levin, Collins 51J4, 40m&70m horizontal Loops : **PWO** — Paul Ormandy, Oamaru, SPR4, Numerous antennas

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Compiled by
Andy McQueen
Trentham, Upper Hutt

Hello from Trentham. This month we have an extensive list of loggings especially from George Rolton who says he is shifting to Dunedin. Good luck and we hope your hear all your stations even better down there. Please note that many stations will be changing frequencies and times at the end of the month, and with the present uncertainty around Afghanistan there maybe many changes All times reported are UTC

kHz	TIME	COUNTRY	STATION & PGM DETAILS	INITIALS
9470	0508	CROATIA	Voice of Croatia V/good in EE with News into another language at 0510 26/8 ABD	
9550	0800	USA	WYFR VG in SS. 2/10 IC	
9570	0230	HUNGARY	Radio Budapest Good in EE opening. 13/9 IC	
9650	0320	TURKEY	VOT Good in EE 'Blue Voyage' pgm Archaeology trip 24/9 PWO	
9705	2315	INDIA	AIR Weak in EE Commentary & Local Mx 25/9 PWO	
9705	0230	MEXICO	XERMX Pr/Fr with Marimba Mx better on 11770 EE at 0300 26/9 PWO	
9725	0130	RUSSIA	VORWS Pr/Fr in EE on Russian & Celtic Mx similarities 24/9 PWO	

9741 0740 INDONESIA RRI Sorong, Papua? Fair in II until swamped by sideband splash at 0756. Off at 0800. 31/8 IC

9745 0430 ECUADOR HCJB Good in EE with DX Partyline 26/8 ABD

11640 2000 SOUTH AFRICA AWR. Meyerton Opens in EE thru until 2030 then off. Weak. Some days not audible. 20/9 IC

11650 0045 PAKISTAN R Pakistan Poor in EE with het //15455 23/9 PWO

11700 0204 BULGARIA R Bulgaria Fr in EE News & frequent mentions of Bulgaria 14/9 CC
0235 Good in EE with Listeners Letters on the Internet 20/8 ABD

11710 0200 ARGENTINA RAE Fair in EE with Id after Time pips 14/9 CC

11734 2037 ZANZIBAR Fair with talk and folk music in Swahili 24/9 PWO

11740 0208 USA R Taipei Int. Fair in EE with News A little noise 14/9 CC

11830 0130 INDIA AIR fair signal with Akashvani pgm// 11620 + 9910 27/9 PWO

11905 0222 SRI LANKA SLBC Fair with local mx pgm better on 15425 with EE Pops 29/9 PWO

11915 2353 BRAZIL R Gaucha (Tentative) Por in PP with spoken pgm and advts. Id at 0003 10 & 11/9 KVB

11920 1006 SINGAPORE RAI relay V/good in Italian with News Id 1010 10/9 KVB

11940 0430 ROMANIA RRI Fair in EE with Id and pgm details 9/9 CC

11965 0345 SRI LANKA D/Welle Fair in EE with talk on Argentina // 15370 Good 20/8 ABD

11990 1825 KUWAIT R Kuwait Fair in EE with some distortion Id and pgm details 23/9 CC

12025 0953 RUSSIA RFI Good in CC with spoken pgm Id 0955 10/9 KVB

12055 0140 VATICAN CITY Vatican Radio Good in EE to India // 9650 poor 27/9 PWO

12120 1900 RUSSIA Voice of Biafra Int. VG in EE and Igbo. 1/9 IC

12125 1900 RUSSIA Voice of Biafra Int. VG in EE and Igbo. Change from 12120, 8/9 IC
1910 Voice of Biafra Fair/good in EE talking about Nigeria and then mentioned Ian Catermole 9/9 **ABD**

12160 1200 PALAU T8BZ. In VV very poor under co-channel WWCR. 27/9 IC

13625 0130 SWEDEN R Sweden Fair in EE with item on Lapland Off 0159 14/9 CC
0145 Good in EE with report on how Sept 11 attacks affect SAS airlines 25/9 PWO

13625 2125 USA? R Free Asia Good in Mandarin 1/9 ABD

13640 0725 PORTUGAL RDP Good in PP. Weekends only. 16/9 IC

13680 2300 CHINA CRI Excellent in CC with News Id at 2330 29/9 JSB

13670 0510 BOTSWANA VOA Good in EE 1/9 ABD

13670 0830 SOUTH KOREA RKI Fair in EE then Korean lessons 12/9 GLR

13680 2300 CHINA CRI. Opens in EE. Fair. 12/9 IC
2300 Good with News Id 2330 27/9 PWO

13710 0941 RUSSIA R Nederland relay Good in EE with Item on Afghan refugees Id 0946 10/9 KVB

13745 2130 IRAN VOIRIB Fair in EE siding with the US on terrorism PWO

13855 2030 GERMANY WYFR VG in EE. 1/10 IC

15020 1051 INDIA AIR Good in EE with comments on attack on New York Id 1051 17/9 KVB

15050 2045 COSTA RICA RFPI Poor/fair in EE with item on ecology //21815 both improved after 0000 UTC 24/9 PWO

15070 0610 HOLLAND R Alfa Lima (pirate) Fair in EE with music & songs in AM 2/9 **ABD**

15095 0909 PORTUGAL RDP fair good in in II with a variety of easy listening music Id 1859 and off at 1900 17/9 KVB

15105 0200 ROMANIA RRI Fair in EE // 11940 fair 15340 & 17735 both poor 15180 good and

17790 fair 23/9 PWO

15110 0515 KUWAIT R Kuwait Id 0527 in EE Music 26/9 GLR

15115 0200 ECUADOR HCJB Fair through Moldovan like transmitter noise which ruined signal better on //21455 24/9 PWO

15120 2050 CUBA RHC Fair in PP At 2100 into SS to Europe 23/9 PWO

15135 1017 CHINA CRI Good in II with Chinese lessons ID 1021 12/9 KVB

15150 2000 INDONESIA V of Indonesia Good in EE with intermittent transmitter 7/10 KAB

15170 0509 SAUDI ARABIA BSKSA Strong in AA with Koran reading 16/9 the same on // 21495 fair on 25/9 CC

15195 2029 MOROCCO AWR Good in EE with Id 1/9 ABD (Not known as a AWR relay site-Ed)

15225 1847 PORTUGAL RDP good in PP African Service Music pgm Id and off 1900 10/9 KVB

15265 2200 SINGAPORE/ ITALY? RAI Int. V/good in EE Newscast from Italy 25/9 PWO

15335 2210 MOROCCO RTV Marocaine Poor modulation AA lesson in French 25/9 PWO

15350 0714 TURKEY VOT. Strong in TT. 10/9 IC

15370 0200 GERMANY? D/Welle Fair in EE with slight QRM from Voz Christiana on 15375 // 13725 good 23/9 PWO

15410 1600 MOROCCO VOA V/good in EE to Africa 29/9 JSB

2030 Good in EE with Nightline Africa 1/9 ABD

15485 0140 PAKISTAN R Pakistan Fair in Urdu // 17875 23/9 PWO

15575 2110 STH KOREA RKI Good in EE talking about Seoul 1/9 ABD

15580 0848 TAIWAN RTI Fair in II with CC rendering of pop and C & W music. Id at 0849 Then at 0900 Id and News in CC 10/9 KVB

15580 2120 USA VOA Greenville Good in EE with Sports results 1/9 ABD

15795 0605 HOLLAND R Borderhunter (pirate) Good in EE Ids and apologises for been late 2/9 **ABD**

15802 2145 ARGENTINE R Continte In USB mode with lively sports commentary in SS plus Ute voice traffic 23/9 PWO

17490 0130 USA? RFA? (tentative) Good in Asian lang // 17660, 17690 & 17700 24/9 PWO

17490 0210 CHINA CPBS Good in CC // 17625 & 17700 209/ GLR

17505 0510 SWEDEN R Sweden Good in Swedish Off at 0600 12/9 GLR

17510 0245 HAWAII KWHR Good in EE "World Harvest Radio Hawaii" Id at 0300 Politics & religion 13/9 GLR

17520 0530 GREECE V of Greece Good in Greek with music //21530 1/9 GLR

17545 1900 ISRAEL Kol Israel Fair in EE with News and items about fighting in the Gaza Strip 20/9 AMQ

17580 0530 GERMANY RTBF Fair in FF with Mx Co-channel QRM from R Australia with rugby commentary // 9970 Fair 8/9 GLR

17580 2005 SWITZERLAND SRI Good in EE with Swiss news //15220 13770 15/9 GLR

17595 0211 RUSSIA VORWS Fair in EE with item on cloning A little noise 14/9 CC

17595 2158 USA WEWN Good signal 'Global Catholic Radio' Id American religion Off at 2358 and to 5835 kHz 13/9 GLR

17605 2013 NETH ANTILLIES R Nederland Fair in EE with Listeners letters 16/9 GLR

17615 1200 PORTUGAL RDP Fair in PP Weekends only. 16/9 IC

17620 0805 FRANCE RFI Good in FF //15300 & 21580 12/9 GLR

17635 0540 RUSSIA VORWS Fair with EE & RR religious Mx //17660 17690 1/9 GLR

17640 0556 GT BRITAIN? BBCWS Id at 0600 News in EE for E Africa 30/8 GLR

17660 1930 ECUADOR HCJB Good in EE to Europe with DX Partyline (Sunday mornings NZ time) with several DX tips 30/9AMQ
 2031 Good in EE with radio play //21455 16/9 GLR

17675 0400 NEW ZEALAND RNZI Poor in EE with News and weather 3/9 GLR

17680 2310 CHILE R Voz Christiana Good with Musica America 13/9 GLR

17685 0850 SWITZERLAND SRI Good with pgm to Africa 3/9 GLR

17695 2326 CANADA RCI Good in EE with discussion on events in New York 13/9 GLR

17710 0816 ITALY RAI Int. Poor in Italian with Music pgm //21520 12/9 GLR

17715 0335 INDIA AIR Fair in Hindi with sitar Mx & singing //13695,15075 13/9 GLR

17715 2207 AUSTRALIA R Australia Good in EE with Nx of demise of Ansett //17795 13/9 GLR

17720 0228 CHINA CRI Good in SS S/off 0256 GLR

17725 0326 LIBYA R Jamahiriya Tripoli Poor in FF then AA from 0330 13/9 GLR

17735 0858 INDONESIA RRI Poor in Indonesian with Id 0859 & 0925 13/9 GLR

17740 2144 PHILIPPINES VOA Good in EE News & share market report //17820 13/9 GLR

17745 2020 ASCENSION ISLAND VOA Fair in EE with Nightline Africa 1/9 GLR

17750 2220 CUBA RHC Good in SS Id 2232 14/9 GLR

17760 0802 GT BRITAIN? BBCWS Poor in EE with News of the world 6/9 GLR

17780 0759 AWR? Voice of Hope poor under co-channel QRM from KWHR in EE 17/9 GLR

17790 0228 THAILAND BBCWS Relay Good in EE item on Indian curry then NX 4/9 GLR
 0250 Good talking about Middle East situation 20/8 ABD

17790 0235 ROMANIA RR Int. Poor in EE with music and talk QRM from BBC 17/9 GLR

17825 2115 JAPAN NHK/R Japan Good with EE pop Music 1/9 ABD

17830 0744 ASCENSION IS. BBCWS Fair in EE West African journal off 0759 30/8 GLR
 1910 Good in EE with item on Racism conference in Durban 9/9 KVB

17845 0235 USA R Taipei Int. via WYFR Good in SS Id 0300 "This is WYFR" and off 4/9 GLR

17860 0252 CHINA RCI relay Fair in EE with Id and freq list Off at 0257 17/9 GLR

17880 2159 CANADA RCI Fair in EE to Americas Id 2200 & CBC Nx // 17695 14/9 GLR

17885 0500 SEYCHELLES BBCWS Fair/poor in EE with splatter from RFA Saipan 17880 News item on new Fiji PM Id 0501 10/9 KVB

17895 0321 MOROCCO VOA Good in EE Nx and African sports 4/9 GLR

21455 0430 ECUADOR HCJB V/good in EE with DX Pargyline 26/8 ABD

21460 0545 PAKISTAN R Pakistan Fair in Urdu 24/9 PWO

21610 0300 JAPAN NHK/R Japan Good with News in EE // 17825 20/9 GLR

21700 0540 UAE R Dubai Pr/fair with Id in EE at S/off 20/9 ABD

21810 0310 AUSTRALIA C Voice Poor Mixing Product 21680-21550= 130 21680 + 130 =21820 PWO 27/9

21820 2238 AUSTRALIA R Australia Poor in EEQRM from RFPI 21815 //21740 better 25/9 PWO

25820 1036 FRANCE RFI Fr/good in FF with item on Taleeban Slight flutter Id 1041 17/9 KVB

25870 2200 USA WFLA Fair with talk pgm other stations noted on 25910, 25950 26/9 PWO

=====
 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

ABD Arthur De Maine Otaki Beach Drake R8 30 m long wire / **AMQ** Andy McQueen Trentham Upper Hutt Sony 6800W 30m long wire/ **CC** Cliff Couch Paraparaumu Sangean ATS 803A with 60m horizontal loop / **IC** Ian Catermole Blenheim JRC NRD535 T2FD and Alpha Delta antennae / **JSB** Jon Standingbear Beaumont California USA NRD 345 and 5 Mhz dipole / **KAB** Ken Baird Christchurch Kenwood R 5000 ATS909 15m wire & eavesdropper / **KVB** Kelvin Brayshaw Levin Collins 51J4 and HF loop / **PWO** Paul Ormandy Oamaru SPR4 numerous dipoles & long wires

DX Times Special

Afghanistan & Middle East Crisis

Frequencies

Compiled by
**Ken Baird &
Ian Cattermole**

WAR ON TERRORISM : A Selection of Broadcast Times and Frequencies from Crisis Related Countries

The following list of stations have been monitored and heard in English at the times shown, and covers most of the area at present in the World news.

1800	7185	BANGLADESH	Bangla Betar with music, strong QRM
1900	11620	INDIA	AIR at good level. Pro US
1900	11715	INDIA	AIR good, pro US
1930	11670	IRAN	VOIRI very good into strong propaganda at 2005
1930	13730	IRAN	VOIRI fair // to 11670 above. Anti US
2000	13610	SYRIA	R Damascus good, anti US
2000	15460	ISRAEL	KOL, Israel with terrorist news // 17545
2000	15150	INDONESIA	V of Indonesia good, pro US but reporting problems with Muslim fundamentalists.
2030	7170	TURKEY	V of Turkey fair with pro US news
2030	15375	EGYPT	R Cairo poor with neutral comment
2130	12085	SYRIA	R Damascus fair bto good
2130	13745	IRAN	VOIRI v good at this time, anti US
0100	11650	PAKISTAN	R Pakistan fair and pro US // 15455
0130	15345	LIBYA	V of Africa, poor, anti US
0230	11785	IRAQ	R Iraq Intl weak and difficult to decipher, anti US
0230	15425	SRI LANKA	SLBC good with music at this time
0300	15355	OMANR	Sultinate of Oman good, seems pro US
0330	11620	INDIA	AIR at good level, pro US
0330	13675	UAE	UAE Radio Dubai very good, neutral news
0500	9435	ISRAEL	KOL, Israel good with normal news // 15640, 17545
0530	21700	UAE	UAE Radio Dubai good, pro US with Islamic prgms.
0600	15110	KUWAIT	R Kuwait, good with neutral news and pop music
0800	21465	PAKISTAN	R Pakistan with short EE news 0800-0805utc // 17520
1200	6150	SINGAPORE	R Singapore Intl good with normal news, pro US.
1200	9715	UZBECKISTAN	R Tashkent, good, pro US with caution.
1330	7285	UZBECKISTANR	Tashkent v good, pro with caution.
1400	11690	JORDAN	R Jordan good on LSB with relay of 96.3 FM
1830	15190	PHILLIPINES	R Phillipnas good with comment

At the moment activity is centred around Afghanistan, but it would be worthwhile to monitor activity in Indonesia.

The BBC World Service, ref the frequency list in the July DX Times, is giving very good reports covering the whole area. They seem to have reporters everywhere and, as usual, give relatively unbiased reports with many special programmes on the events of the moment. This is a very good source of news with a lot of local comment from the countries affected.

For those members with Internet access, try <http://www.clandestineradio.com> which has all the up to date information on clandestine activity in the area
Good listening, Ian Cattermole & Ken Baird

It may be worth listening for the Air National Guard 193rd Special Operations Wing who are operating in the current conflict area with their special EC-130 (Hercules) aircraft. These are used for Psychops Electronic Warfare The 193rd has 6 EC-130 aircraft that are equipped as flying radio and TV stations. They have been used before during the Desert Storm and Vietnam conflicts.

They either destroy or disable the local transmitter and then broadcast a programme, usually in the local language(s). Which is what has happened in Afghanistan or they jam the station using high powered equipment in the aircraft and broadcast a new programme just off frequency from the jammed station.

(Chief Ed)

shortwave.mailbag@radiodx.com

**Compiled by
Laurie Boyer
Invercargill**

Well after the horrific events of September 11 the Shortwave bands were alive with all sorts of unscheduled broadcasts. However I didn't hear any new catches. First up this month is **Gunter Jacob Germany** who has them back from Voice of Armenia 9960, BBC via Antigua 15220, Deutsche Welle Antigua 9640, 11810, Radio Netherlands Bonaire 21590, Radio Christian Voice Darwin 11840, 17820, 21550, 21680, Bangladesh 9550, Radio Canada International 13670, 21570, China Radio International 11650, 11790, 15130, Radio Havana Cuba 9550, Vatican Radio 9660, VOR Vatican Relay 11825, Radio Prague 15545, HCJB 11680, 11830, 15140 Voice of Greece 12105, Swiss Radio International 11905, KSDA 15240, RAI 7135, 9585, 6040, Kol Israel 11605, 15615, 15640, Radio Jordan 11690, VOR 11750, Radio Canada International Madagascar 17740, Radio Denmark 7465, 11615, Pakistan 21465, Radio Polonia 7165, 7270, Radio Romania 15365, 17735, VOR Moscow 9795, 11985, 12040, 12070, Chita 11870, Khabarovsk 17865, Komsomolsk on Amur 17565, Krasnodar 11675, Petropavlovsk Kamchatsky 17650, Samara 12055, 15510, Radio Sweden, 13580, 13625, 15255, 21530, FEBA Seychelles 15535, Radio Prague via WRMI 7385, WSHB 7535, 11550, 13650, 18910, WTJC 9370, WWCR 15685, RTI via WYFR 15600, Radio Tashkent 7190, 15295, Vatican Radiovia UZB 12065. Comments are noted Gunter. Interpretations are over to the individual DXer.

Bryan Clark Auckland has one in from Radio Minsk 7210.

Ian Cattermole Still reels them in from Voice of Turkey 11665, 11910, 11955, Radio Netherlands Madagascar, 7285, Radio Alvorada de Paratins 4965, Voice of Biafra 12120 [EM] Swiss Radio International Julich 9610, Radio Bulgaria 11900, VOR Petro 17650 [EM] Radio Centenario 4865, Christian Voice Australia 17820, 9865, Radio Pakistan 11650, 15455 VOR Vladivostock [EM]

Jack Searle Haumoana Has a quiet Month with Radio Prague 15545 65th anniversary card, Radio Romania International 15365, Radio Australia Darwin 13620.

David Norrie Auckland Has Andina Radio Chile? 6880, Radio Nova International 7450 .

Best of Month under 9MHz Radio Nova International 7450 40 watts David Norrie

Best of Month over 9MHz Voice of Biafra 12120 Ian Cattermole

shortwave.report@radiodx.com

**Compiled by
Ian Cattermole
Blenheim**

AFGHANISTAN: Voice of Shari'a 7085. 15.30 - 15.47 IN ENGLISH 15.47 - 16.00 IN ARABIC (CRW)

CANADA: A-01 amended Aug 15, 2001. FINAL SCHEDULE FOR FOREIGN RELAYS FROM AUG 16 - OCT 27: RTE 1829:30-1859:30 13640. CRI 0100-0159 9790 CRI 0300-0359 9560 Latin America [Sp]. CRI 0359-0459 9560. CRI 1200-1259 11855 [Ch] CRI 2300-2359 13680. DW 0100-0145 6040. DW 0300-0345 9535. DW 0359-0559 9640 [Ge]. DW 1400-1659 17875 [Ge]. KBS 0959-1059 11715 Latin America [Sp]. KBS 1059-1159 9650 0 [Kor, En]. NHK 0000-0059 6145. NHK 0159:30-0359 5960 [Jpn] NHK 0459-0559 6110 NHK 1058-1159 6120. NHK 1300-1459 11705 [Jpn] NHK 2200-2259 6110 [Jpn] ROI 1500-1559 17865 [Ge, En] RMC 0300-0320 6040 [Ar] 9755 . RNW 1027-1225 5965 . RNW 1427-1625 15220 . RNW 0130-0225 6010 [Dutch] RSI 0200-0259 9755 [Swe, En] RSI 0259-0359 11895. [Swe, En]. VOV 0100-0259 9525 [En, Vn] VOV 0300-0359 9795 2 [Sp, En]. VOV 0400-0459 9795 [Vn] (RCI Engineering Aug 15, DXLD)

DENMARK. Radio Denmark. Schedule. (For NZ area) October 28, 2001 — March 30, 2002

<u>UTC</u>	<u>Target</u>	<u>kHz</u>	<u>Tx</u>
09.30-09.55	Australia, Europe (southwest), South America	13800	S
	Far East, New Zealand	15705	K
18.30-18.55	New Zealand	9980	K
08.30-08.55	Australia, Europe (south west), (South America)	13800	S
	Far East, New Zealand	15705	K

All Broadcasts are in Danish. (RADIO DENMARK)

ECUADOR: Just been listening to HCJB English to Europe 0600-0800hrs utc on 11680khz and they have announced some changes for the B01 English.

N America 0100-0600 9745 11840khz. Europe 0700-0900 9780khz. 2000-2200 11890khz India. 2300-0100 11785khz.. No mention of Pacific service so presume remains unchanged. Karl kruger 73's WWDXC.

ENGLAND: RADIO EZRA - NEW SERIES

Dear Friends in DX-ing. Please could you make known to your various members and colleagues that Radio Ezra will be returning to the air on Sunday 7th October 2001 for a weekly half hour series of programmes aimed primarily at the Pacific for three months. Frequency will be 12110 kHz and the times are 0900-0930 UTC each Sunday. The transmitter is sited in Russia. I would be very grateful for any reception reports and shall respond with the station QSL card. Please enclose either \$1 or International Reply Coupon to cover return postage. Details about Radio Ezra's studio, equipment, transmitter details and general station information can be found at the Radio Ezra homepage. Many thanks and God's blessing John D. Hill Water Into Wine Ministry
PUTTING SANITY BACK INTO CHRISTIANITY <http://www.water-into-wine.com>
Radio Ezra Homepage: <http://radioezra.members.easyspace.com> (CUMBRE DX)

NIGERIA: According to the program schedule the Voice of Nigeria actually uses three frequencies directed to different parts of Africa "and overseas":

to West Africa on 7255 kHz:

0500-1000 English

1000-1400 Hausa

1400-1700 French

1700-1900 Fulfulde

1900-2300 English

to North Africa and Overseas (Europe, North America ?) on 15120 kHz:

0500-1000 English

1000-1100 Hausa

1100-1600 French

1600-1900 Arabic

1900-2300 English

to Central, East and South Africa on 11770 kHz:

0500-1000 English

1000-1100 Hausa

1100-1700 French

1700-1900 Ki-swaheli

1900-2300 English

7255 kHz has been heard regularly in the last months during local evening hours. 11770 and 15120 kHz have to confirmed. In the 70's and 80's I heard them on 15120 kHz in English, French and German with good to excellent signal. Nothing mentioned of resuming German and other services as announced in August. The program schedule also lists 9690 kHz on the cover but to which target area and what languages are used?

Correspondence and enquiries should be addressed to

The Editor., VON Airwaves, Broadcasting House, P.M.B. 40003, Falomo, Lagos, Nigeria by email to the editor, Mr. Tope Idowu at tidowu@yahoo.com or via fax +234-1-2691944 or tel. +234-1-269-3075. (CUMBRE DX)

PALAU: T8BZ. Here are frequencies etc for High Adventure Ministries, Palau as received from Bentley Chan, Chief Engineer. Changes are expected.

frequency (KHz)	Antenna Direction	UTC	Language	Program
15725	270 degrees	0900-1000	Vietnamese	Vietnamese Christian Program
15725	270 degrees	1000-1100	Indonesian	Indonesian Christian Program
12160	270 degrees	1200-1300	Vietnamese	Vietnamese Christian Program (Test)
9965	318 degrees	1030-1500	Mandarin Chinese	Chinese Christian Programs

Thank-you, Ian, for your interest in our broadcast. The camaraderie among radio enthusiasts all over the world is quite remarkable.

Best regards,
Bentley

Rev. Bentley Chan

High Adventure Ministries ,P.O. Box 66, Koror, PW96940 Republic of Palau
Tel (680) 488-2162 Fax (680) 488-2163

SOUTH AFRICA: New transmission of AWR in English to Africa via Meyerton 2000-2030 on 11640 , but no WAVESCAN on Sundays!!! (WWDXC)

USA: December 12th, 1901-2001: Celebrating the First Trans-Atlantic Transmission The European DX Council and R Miami International invite you to listen to a Special Broadcast on Short Wave. A Multilingual Contribution to R History .Dec 12th, 2001 marks the centennial of the first trans-Atlantic txion realized by Guglielmo Marconi between Poldhu, Cornwall, Britain and St.John's, Newfoundland, Canada. A clear "S" Morse-coded signal reached the other coast of the Atlantic opening the way to a new form of communications. If a dxer had been there he would certainly have sent his reception report and, maybe, received a confirmation from the first radio-amateur in history, the inventor of radio. The EDXC and RMI celebrate the centennial with a special multilingual bc produced in Europe and transmitted to the world from America. A unique opportunity to share hobby and history. 12 Dec 2001 only. Time & Frequencies:1: 0130-0200 UTC 9955 kHz2: 0330-0400 UTC 7385 kHz3: 1330-1400 UTC 15725 kHz. For Your Reception Reports: EDXC, C.P. 18120, I-50129 Firenze, Italy. WRMI, P.O. Box 526852, Miami, FL 33152, USA<marconi2001@edxc.org> (WWDXC)

Voice of Biafra on shortwave

Voice of Biafra International heard on 12120 kHz on September 1, 2001, when they had their first transmission 1900-2000. Time signal and a welcome ID was followed by music, a short religious message and a very long political speech, all in English.

Reception was quite good and with no interference. It improved after 1930, when here was also a very weak telegraphy transmitter on the frequency.

Address: 733 15th Street NW, 3700 Washington DC 20005, USA.

Judging from the Russian interval signals heard as part of the same transmission on 12120 kHz just before and after the Voice of Biafra International programme at UTC 1859 and 1959, the transmitter is most probably located in Russia or one of the former Soviet republics.

The station's web site, at, www.biafraland.com/ has a feedback form, and an e-mail address of biafraland@biafraland.com (HCDX)

Station has since switched to 12125khz same times as above. Additional e-mail address are:
 oguchi@pacbell.net oguchi@mbay.net onumonu@hotmail.com
 (Cattermole)

USA: 7385 WRMI has begun to temporarily relay a half-hour program in English from Kol Israel, Monday-Friday UTC, at 0230-0300. This transmission will continue for a limited time, but no definite cut-off date has been set. (CUMBRE DX)

FEATURED FREQUENCY this month is 9505kHz. See how many of these you are able to hear and identify. Good listening.

FREQ	Time	StationCountry	Days	Language
9505.00	0000-0445	WYFR OKEECHOBEE USA	1234567	English
9505.00	0000-0500	Radio HABANA CUBA	1234567	Spanish
9505.00	0130-0200	VOICE OF AMERICA SRI LANKA	1234567	Pashto
9505.00	0200-0230	VOICE OF AMERICA SRI LANKA	1234567	Dari
9505.00	0530-0630	VOICE OF AMERICA GREAT BRITAIN	23456.	French
9505.00	0755-1800	VOICE OF STRAIT CHINA	1234567	Mand./Amoy/ Hakka
9505.00	0900-2359	Radio Record BRAZIL	1234567	Portuguese
9505.00	1100-1145	WYFR OKEECHOBEE USA	1234567	French
9505.00	1200-1225	Radio VERITAS ASIA PHILIPPINES	1234567	Indonesian
9505.00	1300-1330	VOICE OF AMERICA SRI LANKA	1234567	Vietnamese
9505.00	1400-1430	VOICE OF AMERICA THAILAND	1234567	Urdu
9505.00	1400-1500	Radio JAPAN JAPAN	1234567	English
9505.00	1400-1830	Radio HABANA CUBA	1234567	Spanish
9505.00	1500-1530	Radio FREE EUROPE GERMANY	1234567	Romanian
9505.00	1500-1700	Radio JAPAN JAPAN	1234567	Japanese
9505.00	1600-1630	Radio FREE EUROPE GREAT BRITAIN	1234567	Romanian
9505.00	1630-1700	Radio FREE EUROPE GREAT BRITAIN	23456.	Romanian
9505.00	1700-1800	Radio JAPAN JAPAN	1234567	English
9505	1800-2100	VOICE OF AMERICA GREAT BRITAIN	1234567	Arabic
9505	2300-0100	VOICE OF STRAIT CHINA	1234567	Mand /Amoy / Hakka
9505.00	2300-2325	Radio VERITAS ASIA PHILIPPINES	1234567	Indonesian
9505.00	2330-2359	Radio HABANA CUBA	1.....	Esperanto
9505.00	2330-2359	VOICE OF AMERICA SRI LANKA	1234567	Burmese

RADIO NETHERLANDS NEWS FLASH Special Announcement 9 October 2001:
 Following the commencement of military action against Afghanistan by the US-led coalition, Radio Netherlands has added additional frequencies for transmissions in Dutch to the region as follows:
 0457-0800 UTC Madagascar 21485 kHz 350 degrees to Middle East
 0457-0800 UTC Madagascar 21470 kHz 045 degrees to South Asia
 On Saturday the transmission starts half an hour later, at 0527. These additional frequencies continue through 15 October, then a decision will be made whether to prolong the arrangement. Karl kruger via [GRDXC]

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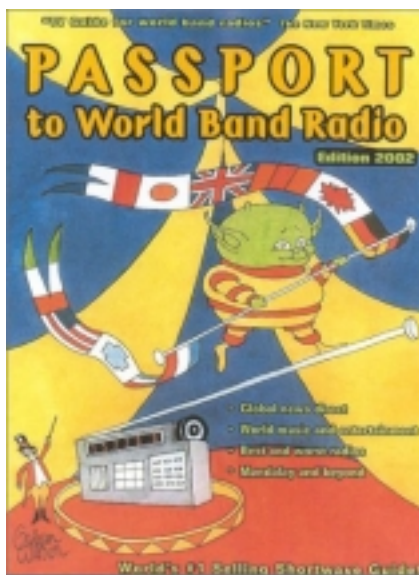
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The Shortwave Listener's Best Friends

Due late October early November, airlines and bin Laden willing, will be the new edition of ***Passport to World Band Radio 2002***. The continued weakness of the New Zealand dollar and the volatile cost of airfreight we regret occasion a price increase again this year. The new recommended retail price will be **\$79.95 (NZ)**, but of course current financial members of the League do qualify for **20% discount** on this price(i.e. \$63.96). This price includes GST and delivery to NZ addresses and delivery to Australian addresses (but not GST). We also have available in early December, the latest edition of Bob Padula's ***Australasian Shortwave Guide*** with the latest information on shortwave broadcasts to this part of the world. Price is **NZ\$15**, no discount, to NZ addresses. Overseas is NZ\$15 plus postage at cost.



And what about ***World Radio TV handbook***? Well it's running a week or so later this year, and we will have a confirmed price for you when we negotiate the freight rate. So stay tuned to your DX Times!



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
0045	11650p:15455	R Pakistan	PAKISTAN	23/9	PWO
0130	9725f	VORWS	RUSSIA	24/9	PWO
0130-0159	13625f	R Sweden	SWEDEN	14/9	CC
0140	9650p:12055g	Vatican Radio	VATICAN CITY	27/9	PWO
0145	13625g	R Sweden	SWEDEN	25/9	PWO
0200	11710f	RAE	ARGENTINA	14/9	CC
0200	11940f:15105f:15180g	RRI	ROMANIA	23/9	PWO
0200	13725g:15370f	D/Welle	GERMANY	23/9	PWO
0200	15115f:21455g	HCJB	ECUADOR	24/9	PWO
0200	15340p:17735p:17790f	RRI	ROMANIA	23/9	PWO
0204	11700f	R Bulgaria	BULGARIA	14/9	CC
0208	11740f	R Taipei Int	TAIWAN	14/9	CC
0211	17595f	VORWS	RUSSIA	14/9	CC
0228	17790g	BBCWS	UK	4/9	GLR
0230	9570g	Radio Budapest	HUNGARY	13/9	IC
0235	11700g	R Bulgaria	BULGARIA	20/8	ABD
0235	17790p	RRI Int	ROMANIA	17/9	GLR
0245-0300	17510g	KWHR	HAWAII	13/9	GLR
0250	17790g	BBCWS	UK	20/8	ABD
0252-0257	17860f	RCI	CANADA	17/9	GLR
0300	9705:11770	XERMX	MEXICO	26/9	PWO
0300	17825:21610g	NHK/R Japan	JAPAN	20/9	GLR
0320	9650g	VOT	TURKEY	24/9	PWO
0321	17895g	VOA	USA	4/9	GLR
0345	11965f:15370g	D/Welle	GERMANY	20/8	ABD
0400	17675p	RNZI	NZ	3/9	GLR
0430	9745g	HCJB	ECUADOR	26/8	ABD
0430	11940f	RRI	ROMANIA	9/9	CC
0430	21455g	HCJB	ECUADOR	26/8	ABD
0431	5825g	WEWN	USA	23/9	CC
0445	5975f	RAI	ITALY	23/9	CC
0459	6025f	R Budapest	HUNGARY	23/9	CC
0500	7315f	WHRI	USA	18/9	KAB

0500-0501	17885f	BBCWS	UK	10/9	KVB
0508-0510	9470g	Voice of Croatia	CROATIA	26/8	ABD
0510	13670g	VOA	USA	1/9	ABD
0518	7250g	R Vatican	VATICAN	11/9	CC
0520	6030f:7265	SDR	GERMANY	24/9	PWO
0520	6880.1	Andina Radio (Pirate)	CHILE	16/9	DN
0540	21700f	R Dubai	UAE	20/9	ABD
0556-0600	17640	BBCWS	UK	30/8	GLR
0558	7449.8	R Nova Int (Pirate)	UK	16/9	DN
0605	15795g	R Borderhunter (Pirate)	HOLLAND	2/9	ABD
0610	15070f	R Alfa Lima (Pirate)	HOLLAND	2/9	ABD
0744-0759	17830f	BBCWS	UK	30/8	GLR
0759	17780p	Voice of Hope	LEBANON	17/9	GLR
0802	17760p	BBCWS	UK	6/9	GLR
0830	13670f	RKI	SOUTH KOREA	12/9	GLR
0912	3275f	R Southern Highlands	PNG	2/10	DN
0941-0946	13710g	R Nederland	NETHERLANDS	10/9	KVB
1030	5965g	RN	NETHERLANDS	23/9	PWO
1051	15020g	AIR	INDIA	17/9	KVB
1503-1504	7125g	VOA	USA	3/9	KAB
1510-1528	7160f	CRI	CHINA	3/9	KAB
1600	15410g	VOA	USA	29/9	JSB
1730	6065f	R Sweden	SWEDEN	4/9	KAB
1825	11990f	R Kuwait	KUWAIT	23/9	CC
1830	3955f	R Taipei Int	TAIWAN	23/9	CC
1834-1836	5920g:6055g:7345g	R Slovakia Int	SLOVAKIA	23/9	CC
1850	4965p	R Christian Voice?	ZAMBIA?	23/9	CC
1900	12120g	Voice of Biafra Int	RUSSIA?	1/9	IC
1900	12125g	Voice of Biafra Int	RUSSIA?	8/9	IC
1900	17545f	Kol Israel	ISRAEL	20/9	AMQ
1910	12125g	Voice of Biafra	RUSSIA?	9/9	ABD
1910	17830g	BBCWS	UK	9/9	KVB
1930	17660g	HCJB	ECUADOR	30/9	AMQ
2000-2030	11640p	AWR	SOUTH AFRICA	20/9	IC
2005	13770:15220:17580g	SRI	SWITZERLAND	15/9	GLR
2013	17605f	R Nederland	NETHERLANDS	16/9	GLR
2020	17745f	VOA	USA	1/9	GLR
2029	15195g	AWR	MOROCCO	1/9	ABD
2030	13855g	WYFR	USA	1/10	IC
2030	15410g	VOA	USA	1/9	ABD
2031	17660g:21455	HCJB	ECUADOR	16/9	GLR
2045-0000	15050f:21815	RFPI	COSTA RICA	24/9	PWO
2110	15575g	RKI	SOUTH KOREA	1/9	ABD
2115	17825g	NHK/R Japan	JAPAN	1/9	ABD
2120	15580g	VOA	USA	1/9	ABD

2130	13745f	VOIRIB	IRAN	-	PWO
2144	17740g:17820	VOA	USA	13/9	GLR
2158-2358	17595g	WEWN	USA	13/9	GLR
2159-2200	17695:17880f	RCI	CANADA	14/9	GLR
2200	15265g	RAI Int	ITALY	25/9	PWO
2200	25870f	WFLA	USA	26/9	PWO
2207	17715g:17795	R Australia	AUSTRALIA	13/9	GLR
2238	21740f:21820p	R Australia	AUSTRALIA	25/9	PWO
2300	13680f	CRI	CHINA	12/9	IC
2300-2330	13680g	CRI	CHINA	27/9	PWO
2315	9705p	AIR	INDIA	25/9	PWO
2326	17695	RCI	CANADA	13/9	GLR

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**Compiled by
Evan Murray
Auckland**

South African Airways will this year make a circumnavigation of the earth with a course along the equator commencing at New York, then to Rio Gallegos Argentina, Perth, Beijing and back to New York. A Boeing 747-400 will be used flying at an expected height of 11,000 metres. Hopefully further information will be published in a later magazine. (John Charlton)

The Antarctic summer season started early October with a C141 Starlifter of Operation Winfly taking off with other aircraft, including C17 Globemasters, LC130 (ski equipped Hercules) C130 Hercules and an RNZAF C130 to follow. All National Guard flights should begin on 19 October, call signs Skier. Frequencies include 5643, 8867 and 9032.2 (McMurdo). (Lee McNicholl of Christchurch Airport's newsletter "Airport Scene" and John Charlton)

With the breakup of Swiss Air International its Euro Regional Airline subsidiary Crossair will take over its flights by 28 October at the latest. (Sydney Morning Herald)

A mid-air near miss occurred early October between Qantas B747 and B767 over the Arefura Sea due to air traffic confusion. Reports say that the aircraft came within 1 km of each other (Sydney Morning Herald)

Completion of Scotland's new national air traffic control centre could be delayed due to a downturn in transatlantic flights of 30% magnitude. When completed the centre would run parallel to the OAC at Shanwick, soon to be Swanwick, near Southampton (Scotsman newspaper)

2033 0700 Hi country farmer, Hanmer Springs area reporting back home. PC

2207 0816 Rarotonga radio heard this frequency every night. PC

2598 0737 VCP Placentia, Newfoundland with WX sked and 20% copy. PC

2749 0742 Halifax Coastguard radio Newfoundland with WX and fishing gear programme PC

3021 0735 Unid NZ couple talking about their finances. PC

3362 0852 NZ trawlers with 2 guys chatting and discussing broken winch. PC

3895 1910 Motor rally of NZ. BJ

4417 2026 Emerald Isles to Houhora marine with bait order. PC

4417 0400 Debra Lee reporting adrift engine failure. Blower drive shaft u/s. Tow coming. PC

4952 0731 NZ farmer and South Island hunter talking of deer hunting. Geraldine area. PC

5473 0615 2 Kiwis chatting about tuning aerials. PC

6637 1048 Freedom 322/Freedom Ops ETA 1230 Request wheelchair, lifft and Hn WX. NM
 6920 1000 7SYD/VG 032 Engine problems Check fuel and HT & LT. Posn Birdsville. NM
 7890 0627 OM and YL moaning about disconnection of coms system. PC
 8225 0820 BYWZ Valparaiso Ships channel 811. NM
 8316.54 1010 RNZN Auckland/KAS at A3 will copy you at A4. NM
 8391 0900 Seamount Explorer/Raoul Island. Returning Auckland on Braveheart. NM
 8855 0620 Porto Velho and Piarco with various aircraft in SS. American 909 in English. NM
 8867 0518 Tahiti/Reach 901. Are you aware we will do aerial refuelling with RAT 9621. NM
 8879 2020 Speedbird 115/Gander. BJ
 8879 1010 Mauritius 940/Brisbane unable copy 11285. Will Selcal at 85 E. NM
 8891 0600 Iceland/Virgin 20 SC MRJS. NM
 8891 0600 Virgin 42/Arctic ACC clears to FL 350. Report reaching. NM
 8906 1019 New York/Condor 8157 at 31 N 50 W at 1017. NM
 8906 1019 New York/Air France 6881 18 N 20 W at 1021 next 33 N 50 W SC EKGH. NM
 8974 0929 Air Force Auckland/Kiwi 018 request forecast Whenuapai. NM
 8974 0931 Kiwi 018/Air Force Darwin. No longer required. Have comms with Auckland. NM
 9007 0730 Trenton Mil/CHR 3343 WX for Keflavik 0700 wind 120 5 KM Temp 4 DP —1. NM
 9023 0451 Lima Charlie with electronic messages to 3 aircraft referring to Yenisehir. Turkey.NM
 9031 0440 Flight Watch Cyprus/ Unid 7498 Request actual for Akrotiri and Larnaca. NM
 9031 0517 Flight Watch Cyprus/Ascot 2300 SC LMBJ. Weather for Jeddah. NM
 10018 1910 Bombay/Martinair 097 Dubai to Taipei SC AFCH. NM
 10075 1009 Evac 102B/Houston WX Nassau wind 220 10 knots gusting to 20 Rain. NM
 10075 1021 Houston/Florida West 160 ATD Lima 0910 ETA Miami 1425. Fuel and loads. NM
 11175 0721 Reach 601/Hickham. BJ
 11175 2053 Reach 234 Yankee calling Mainsail. BJ
 11175 0504 Omni 05/Hickham. PP to Bluestar. BJ
 11175 2050 Be advised this is Puerto Rico. BJ
 11175 2120 Mainsail/ 5 Romeo 8 Posn West of Italy BJ
 11175 2124 PP to Sigonella We are 2 C130's ETA 2230 Standing by for parking spot. BJ
 11175 1453 Reach 7406/Charleston Cmd Post. Confirm you cannot land Elmendorf. We can
 land but need instns on approach due deviation from course. Need mainte
 nance. NM
 11175 1956 Andrews/Reach 164 Tail 40060 Request WX Mildenhall. Advise 2 tankers in front
 we are going to land. NM
 11175 1042 Offutt/RAM 07 PP Blue Star. Oilers report A/C 157314. 10 souls on board. NM
 11253 1728 RAF Volmet WX for Akrotiri, Ancona, Aviana. EM
 11300 2053 Addis/KLM 566 Posn. Bound for Nairobi. EM
 11306 0734 Lima/American 951 and American 948. EM
 11309 2024 New York/Liberty 1015 SC BEAK. NM
 11345 0529 Stockholm/Britannia YD. SC JRAF. NM
 11345 0538 Stockholm/Air Berlin 2058 ETA Alicante 0645. NM
 11384 0753 San Francisco/Air Mike 900 FL 370. EM
 11396 1015 Ujung/Air Mike 900. Contact Ujung 128.1. SC JMDQ. EM
 11396 0804 Aussie 762/Brisbane. EM
 11396 0952 Bali/Malaysia 114. EM

13306 1900 New York/Jamaica 002. SC JRBH. NM

13306 1058 Gander/New York There is a KLM calling on 8706. Sorry unable to use. Tell him to try 8831, 8864, 8879. NM

17916 1433 Stockholm/World 272 SC GHAS. Delayed loading passengers, 254 POB. Take off weight 126.4. Departed Shannon 1410. NM

75.625 2230 Police comms heli. How many are we looking for approaching head waters Ngaruroro 2 persons still missing from rafting accident.

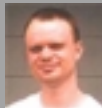
Contributors

NM Neville McKenty Napier — NRD 545 ICOM R 70 with various antennas

PC Peter Chambers Napier — Drake R8A with 15 foot whip and active van whip

BJ Basil Jamieson Oamaru — Drake R8 Kenwood 5000 with 30 m wire

EM Evan Murray Auckland — Kenwood 5000 with T2FD



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Compiled by
Adam Clayton
Rotorua

Hi all. I think summer has finally arrived in Rotorua. Onto this month's news.

The Edge moves to Auckland The Edge moves out of Hamilton and into its new studios in Auckland, despite having no frequency on which to be heard in the city. The Edge began broadcasting from Auckland on Monday September 24. The Edge will soon be on the Sky Digital Network. They are hounding as hard as possible for an Auckland frequency. New studios have been built in the ASB Bank building, next door to the RadioWorks HQ in Ponsonby (which already houses Radio Pacific, The Rock, and Solid Gold). The Edge's vacated studios in Hamilton are being taken over by More FM Waikato. (Median Strip September 21)

New Te Puke station Radio Bay of Plenty (operators of 1XX and Bayrock in Whakatane) are to launch a new local station - in Te Puke. Test broadcasts on 92.9FM will be followed in the coming weeks by an official launch, station name, and more details. The format will be similar to that of 1XX's Adult Contemporary mix. (Median Strip September 21)

Where? Wolf... The Wolf - the new FM and Sky Digital radio network aimed at rural New Zealanders - continued its South Island expansion with its launch on 1593AM in Christchurch and Central Canterbury. The station is also now being broadcast part-time on Bream Bay Radio in Northland and on the Chatham Islands. (Median Strip September 21)

West Coast station on air October The West Coast of the South Island's new commercial radio station - XFM - aims to be broadcasting by the first week of October. The station is jointly owned by the West Coast Broadcasting Corporation and Wellington-based Radio Ltd, and will be broadcast from new studios in Hokitika and heard throughout the Hokitika-Greymouth area. (Median Strip September 21)

Mulcher crew want national presence The Mulcher FM, promoted as being New Zealand's youth radio solution, plans to launch on guardband frequencies in Auckland and Kaikohe within the next two months. See www.themulcher.co.nz for more info. (Median Strip September 21)

Brisbane's MIXed new stations testing In Brisbane two stations are testing on new frequencies using the 'MIX' name. Rural Press' Ipswich station is moving from its old frequency of 106.9 to 94.9 and can be heard in Brisbane. The recently acquired new licence for

the ARN/DMG consortium is testing on their new frequency of 97.3. Confused? AMT's Brisbane reporter has the latest update: The ARN/DMG test broadcasts didn't last long, they are now playing "10,000 songs in a row, a free sample of Brisbane's best mix." Other positioning statements are: *Brisbane's Best Mix*, *The new ninety seven three* and *More Music less talk*. No live to air announcements yet, just sweepers, but they do have "another hour of Brisbane's best mix bought to you by..." and I have heard two sponsors so far, Divine Homes and Kedron Wavell Services Club. Laurel Edwards from 4KQ is the only person so far signed to the new station according to a report in the Courier-Mail. No air date or station name has yet been announced - 10,000 songs would take them to mid October. The other new station, owned by Rural Press (based in Ipswich) 4MIX is still test broadcasting dance music on 94.9, their signal is not as good as 97.3 in the Brisbane city area. ARN/DMG's 97.3 signal is as good as B105 and MMM. It will be interesting to see who ends up being called 'Mix' and how different 4MIX is from their current format on 106.9FM. (AMT Newsletter October 2001)



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Compiled by
**Paul Ormandy
Oamaru**

AUSTRALIA 2SM 1270 new address is 8 Jones Bay Rd, Pyrmont 2009 NSW. Please update your books etc... (John Wright, ARDXC Topica).

AUSTRALIA Within the next few months, the Australian Broadcasting Authority (ABA) will grant Melbourne's last ever community radio licences. 19 stations are competing for 4 free licences. Applicants include:

Chinese ethnic stations 3AC and 3CC-FM, and Muslim station Islamic Voice; Christian stations Triple Seven, Melbourne Gospel Radio and Catholic Broadcasting; Youth stations Hitz FM, Kix FM Radio and SYN FM; Minority music stations Kiss FM (dance music) and Nu Country; Joy Melbourne (Gay & Lesbian), Laugh Radio (comedy), Showbiz Radio (theatre/cinema).

Many of today's stations have survived a decade of intermittent test broadcasts, generally on air for just a few months each year, sharing a handful of frequencies with other stations. Some have been honing their skills and audiences since 1992, when the ABA first announced it would issue the Melbourne community licences. The years of planning culminated in August with the ABA holding a series of hearings for the stations to formally, and finally argue their cases for custody of one Melbourne-wide AM frequency, two Melbourne-wide FM frequencies and a single, lowpowered, inner-city FM licence.

The authority has stated its aim to announce the licences by the start of next year.

To qualify for the free community licences, the stations have to convince the ABA that their listeners represent a community that is underrepresented elsewhere on the airwaves, and is likely to remain so.

They must also prove they are technically and financially capable of running the station in the long term. Community stations must be non-profit, and while they can accept sponsorship from any source, a community radio code of practice restricts on-air advertising to labelled sponsorship announcements of five minutes each hour. A station that makes a profit jeopardises its licence.

Once of the eight broadcasters vying for an inner-city licence, Chinese station 3CC,

says its community of Mandarin and Cantonese speakers is the second largest language group in Melbourne. Muslim station Islamic Voice also believes it can prove that its community is under-represented on the airwaves. But other inner-city applicants have made convincing cases for the needs of more disparate audiences. Dance music station Kiss FM and country broadcaster Nu Country maintain that their listeners constitute communities. Generalist stations including Pulse FM and City FM have argued that city workers and residents are their target communities.

Barry Melville of the Community Broadcasters Association of Australia, the umbrella body for the country's 209 rural and metropolitan community stations, concedes that generalist stations might be in with a chance.

He says that with so few licences on offer, "there is an express need for the ABA to favour the general over the particular".

Melville believes the recent issuing of community licences in Sydney would offer hints as to the kind of decision the ABA will make in Melbourne. There an indigenous station, a Muslim station and general youth arts and culture station won licences. (Melbourne Times 12/9 via Bryan Clark)

Bolivia Radio Nacional de Bolivia After a station visit, where I received from the very friendly "gerencia" the wanted QSL and their last wonderful and quite old cloth pennants (if you have interesting swapping proposals for the duplicates, please feel free to contact me) I can tell you the following changes: The new frequency is **1400 kHz**, no longer 1390 kHz. The new address is Tumusla 612, 3°. piso, no longer Isaac Tamayo 640. (Andy Schmid, Hard-Core-DX)

Canada Noted that **CKRM** has now moved from 980 to 620 replacing CKCK. Format is country music. I'm sorry to see the historic 79 year old CKCK calls vanish, although in recent years they mostly used the slogan 62-Kool in place of the legal ID. (Morris Sorensen, Winnipeg MB amfmtvdx@qth.net)

At signoff, CKRM Regina which broadcasts on 980 kHz will take over the 620kHz frequency and start simulcasting on both 620 and 980 for some time. Sometime in the future, the plan is for CKRM to abandon 980, and another station, **CJME** 1300 kHz will take over the 980 kHz and add another FM station to our airwaves. (Terry Keyowski, amfmtvdx.com)

UAE BBC buys time from Abu Dhabi following Sept 11 tragedy. Yes the BBC using 1314 is interesting. Both UAE and the Armenian relay service are high power. The BBC would expect the UAE Dabiya signal to be clearly heard in the target area however competition from Armenian signal could degrade it. AWR/VOA/VOR also use 1314 from Armenia. I have only ever heard the UAE Dabiya signal here on the east coast of Oz once, in recent years, during auroral cx. This means the BBC is buying time from UAE Radio. So how hot is the radio war going to become? And what part can we expect the Diego Garcia base play in the propaganda war - if any? (Chris Martin, ARDXC Topica)

USA

FORMAT CHANGES:

CA Thousand Palms KCMJ-1270 was KXPS, sports, now AS (KXPS and KCMJ swap dial positions)

FACILITY AND PARAMETER APPLICATIONS:

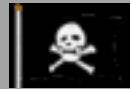
HI	Pearl City	KIFO-1380	move to 1370 khz.
PR	Yabucoa	WXEW- 840	inc. to 5000-N

CALL LETTER CHANGES:

CA	Thousand Palms	KCMJ-1010	becomes KXPS
CA	Thousand Palms	KXPS-1270	becomes KCMJ
WA	Bellingham	KIXT- 930	becomes KBAI "The Bay"



Starting Next Month Pirate, Clandestine, Free Radio



A big thank you to **Paul Ormandy** for doing the Broadcast News, which starting next month will be done by **Tony King** as part of a combined Broadcast News and Broadcast DX section. Next month **Paul Ormandy** will be starting a new section covering **Pirate, Clandestine, Alternative and Free Radio**.

And now a few words from Paul to launch the new section-

"Ahoy me hearties! Coming up in next month's DX Times is a new section dedicated to the pursuit of pirate and clandestine radio stations. This all-in-one section will contain logs, QSLs, skeds, news, web-addresses and more! If it's related to these challenging, addictive and often enigmatic broadcasters, send it to "Unofficial Radio", separate from the rest of your DXT notes. Come walk the plank with me. Postal contributions to 33 Greta St, Oamaru or via Box 3011, Auckland, or paulorm@paradise.net.nz"

Disclaimer-

The NZRDXL and Chief Editor do not necessarily agree with the material aired or ethics of these broadcasters, or condone any illegal activity they may be participating in and will be presenting this section for information purposes only'

broadcast.dx@radiodx.com

**Compiled by
Tony King
Greytown**

Lindsay Robinson chimes in this month with our only mail note - a QSL from XEJB Radio Variedades 1320. And best wishes for a speedy recovery Lindsay - take it easy with the DX!

Daylight Time signals the start of the summer DX season and this month I list the most up to date list I can muster on the X band, with thanks to internet sources and Paul Ormandy. Stations listed in bold have been heard in New Zealand, although the occasions vary. From central NZ the 'indicator stations' are **WTAW 1620**, **KDIA 1640**, and **KXOL 1660** with signals evident from half an hour before local sunset. So, role our those 100m radials NE ENE etc and go grab some X-band !

1610	KALT	Atlanta TX	Format: Sport
1620	WPHG WHLY KAZP WTAW KBLI KYIZ KSMH	Atmore AL South Bend IN Bellevue NE College Station TX Blackfoot ID Renton WA Auburn CA	Format: rel/Gos. Reported silent 12/00 Adult/Std's 'Radio Hollywood.' ESPN Sport "ESPN 1620" Newstalk. 'Coast to Coast AM' Talk // KICN KECN Black Oldies/Urban//KRIZ "Z Twins" Rel. ETWN
1630	KCUJ KKWY XEUT WRDW KNAX	Iowa City IA Fox Farm WY Tijuana BC, Mex. Augusta GA Clovis CA	Hot Adult Contemporary C&W "Spirit of Wyoming." Jazz (Daytime only) 'Newstalk Sports 1630' Has tested.
1640	WKSH KPBC KDIA KBJA	Sussex WI Lake Oswego OR Vallejo CA Sandy UT	Rel. Salem Radio News. Black Gospel//KKSL. Rel. 'the light' // KDYA SS/Radio Unica
1650	WHKT KDNZ KWHN KBJD KFOX	Portsmouth VA Cedar Falls IA Fort Smith AR Denver CO Torrance CA	Talk/Nostalgia Talk/ Sport "the Talk Station" News//KWYN Contemp Christian. "The Beat" Korean/EE ID on hour.
1660	WWRU WMIB WQSN KRZX KQWB KXOL KWSJ KXLW WGIT	Elizabeth NJ Marco Is FL Kalamazoo MI Waco TX West Fargo ND Brigham City UT Kansas City KS Merced CA Canovanas PRico	PP & SS Radio Unica AC/70's//WODX Sport/talk "Newstalk KRZX" Nostalgia "Stars 16-60" "Big Oldies." Classical "Classical 1250 & 1660" SS/Mex. Ranchera. SS oldies "El gigante"
1670	WRNC WTDY KNRO	Warner Robins GA Madison WI Redding CA	Classic C&W. "ABC Real Country." Talk. "1670 WTDY" "The Team" ESPN Sports
1680	WTTM WTIR WJNZ KAVT KRJO	Princeton NJ Winter Garden FL Ada MI Fresno CA Monroe LA	"ESPN Radio 1680" "Tourist Information Radio" R&B/Rap "1680 Jams" Disney Now on air
1690	KDDZ KSXX WPTX	Arvada CO Roseville CA Lexington Park MD	Disney SS/Radio Tricolour//KOBQ 1450.EE ID Tlk/sport/std. Reported off air.
1700	WAFN WEUV KTBK KBGG KQXX	Miami Springs FL Huntsville AL Sherman TX Des Moines IA Brownsville TX	SS/Rel/"Voz Cristiana" but also Sport. Black Gospel. "Music of your Life." ESPN Sport "The Ticket" Tlk//KKSO. "All new AM1700 KBGG" SS/Mexican regional

Stations in **BOLD** have been heard in New Zealand.

A Big welcome to Gunter Jacob. Peter Grenfell advises that he had a long letter from Gunter advising that he (Gunter) has been off work with a three-stage thrombosis in November and then last March had an operation with an artificial hip installed. He was off work until August. Next month Stuart Forsyth is taking over the Ladders from long time sub-editor Peter Grenfell

MEDIUMWAVE	QSLs	INC	CNTS	SHORTWAVE	QSLs	INC	CNTS
OPEN (Over 500)				OPEN (Over 500)			
Laurie Boyer	3972		137	Ian Cattermole	4148	92	199
Keith Robinson	2929		157	Jack Searle	2389	13	209
Paul Ormandy	1497		139	Gunter Jacob	2388		160
Sutton Burtenshaw	996		102	Laurie Boyer	1750		183
George Beardsmore	802		61	John Campbel I	1645		261
Bryan Clark	673		120	Paul Ormandy	1600		234
Mark Nicholls	643	0	67	Bryan Clark	1548		236
John Campbell	642		129	Lindsay Robinson	1434		171
Paul Aronsen	529			Robert A Park	1365	63	93
Lindsay Robinson	524		56	Brian Withers	1297		128
SENIOR (301-500)				Mike Smith	1218		133
Peter Grenfell	443		37	Leigh Morris	1065		233
Stuart Forsyth	413		39	Ross Gibson	1055		162
Brian Withers	411		51	Graeme Dixon	916		117
INTERMEDIATE (151-300)				Paul Peacock	845		123
Jack Searle	296	0	35	Paul Aronsen	733		
Andy McQueen	295		21	Peter Grenfell	653		133
Robert Krijger	228		13	Ian Wells	582		133
Gunter Jacob	205		44	SENIOR (301-500)			
Mike Smith	194		18	Bernd Henning	372		90
Paul Peacock	193		16	Andy McQueen	368		103
JUNIOR (5-150)				Bob Boundy	400		91
Ian Wells	108		15	Chris Elliot	301		78
Robert Park	86	0	2	INTERMEDIATE (151-300)			
Adam Claydon	71		4	Stuart Forsyth	283		87
Arthur de Maine	51		10	Arthur de Maine	260		90
Chris Elliot	15		3	Ashley Gulbransen	193		75
FM-TELEVISION				Keith Robinson	190		181
Brian Withers	899		9	JUNIOR (5-150)			
Robert Krijger	678		6	George Beardsmore	129		68
Bryan Clark	148		5	Adam Claydon	123		40
Paul Ormandy	110		5	Mark Nicholls	121	0	55
Paul Peacock	65		2	Daniel Bloomfield	13		11
Adam Claydon	49		1	Stuart Forsyth			
Mark Nicholls	42		2	c/- NZRDXL, P.O. Box 3011, Auckland			
Mike Smith	33		2	or direct to			
Andy McQueen	29		2	46 Akaroa Drive,			
Robert A Park	18	0	1	Maupuia Wellington 6003			
				Email smforsyth@xtra.co.nz			



WELCOME to new members **SUZANNE JACKETT**, 157a Taita Drive, Avalon, Lower Hutt 6009, **JOHN & GLENDA TAYLOR**, 26e Forfar Street, Mosgiel 9007, **JERRY BERG** of Massachusetts USA, **DAVE ONLEY** of Victoria, Australia and **IAN JOHNSON** of Queensland Australia. Suzanne learnt about the League from reading Arthur Cushen's book 'The World in my Ears'. She uses a Sangean ATS909 receiver to tune the shortwave bands. John and Glenda scan shortwave broadcast and utility bands with their Sangean ATS803a, AOR1000 and Uniden UBC 3000XLT receivers. They read about the DX League in the NZART Callbook. Jerry, Dave and Ian are the first overseas hobbyists to sign up for the DX Times electronic edition. Dave is already well known as a medium wave DXer in our part of the world, while Jerry is well known from his roles in the North American Shortwave Association and as chairman of the Committee to Preserve Radio Verifications. Welcome to you all — we hope you find something interesting in the magazine each month and that you'll make your contributions to the various columns.

2001 LEAGUE ANNUAL GENERAL MEETING A final reminder that 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.

AGM REMITS The following remits have been received for consideration at the AGM late-October. **LAURIE BOYER** and the Southland Branch propose that a separate Best QSL of the Month competition be conducted in the DX Times for Pirate Station verifications. Treasurer **PHIL VAN DE PAVERD** also proposes that the expiry date for member's subscriptions be uniformly set at 31 August, corresponding with the end of the financial year.

NEW TOY FOR DXERS & SWLS A new device spotted in Japan Airlines 'Winds' in-flight magazine for August is the Music Pillow. Item PCR-P10-W/L has two 2-watt speakers built into it and can deliver a stereo signal as you lie in comfort. The pillow's speakers are connected by a cord to a CD player or other output. No amplification is necessary so you can DX without disturbing others (though I usually cant lie still if its an exciting DX catch!). While 2 watts may not sound like much, it is quite sufficient when your head is touching the pillow.

CONGRATULATIONS RADIODX.COM ! Every quarter, Internet organisation Hitwise NZ ranks the Top10 websites according to user visits, across each of its 150 industry categories, and awards each qualified site with a Hitwise Top10 Award logo in recognition of this achievement. Hitwise have advised that <http://www.radiodx.com/> was ranked New Zealand's 4th most popular internet website in the Lifestyle - Hobbies and Crafts category for the period April — June 2001. Well done to those involved, particularly **ANDY GARDNER**, **PAUL ORMANDY**, **MARK NICHOLLS** and **DAVID RICQUISH**. The DX League website now has an electronic sample copy (pdf format) of the NZ DX Times available on-line so that SWLs and DXers worldwide can freely sample your magazine.

HEALTH GERMS A number of long-time members have been hospitalised of late —

we send special 'get well soon' messages to **PAUL ARONSEN, LINDSAY ROBINSON** and **TONY KING**.

HEARD ALL CONTINENTS AWARD German hobby group, the East & West Radio Club is offering a special A4 sized diploma certificate to anyone who has detailed QSL verifications from at least one country in each of 6 continental areas — Africa, Asia, Australia/Oceania, Europe, North/Central America and South America. As proof, photocopies of the original QSL cards, letters or prepared cards must be submitted. Applications are to be sent to EAWRC-Diplomabteilung, c/o Adolf Schwegeler, Bahnhofstr. 56, D-50374 Erfstadt, Germany, with a self addressed A4 size envelope and 3 IRC coupons. If the award sounds easy, you can try a variation — getting QSLs for eligible stations logged within a 1 year period, or 1 month, 1 week, 24, 12 or 6 hours, or even within 60 or 30 minutes! You could target to get 2, 3, 4 or 5 countries from each continent, or limit yourself to stations in one mode — eg MW, SW, amateur or utility. Or in one metre band! The options are endless and as challenging as you want to make it.

COMPLIMENTS Positive feedback is being received on the trial electronic version of this magazine. RICHARD D'ANGELO , Executive Director of the North American Shortwave Association writes "the PDF format DX Times is very slick. The ARDXC and NZRDXL are setting tough standards for the rest of us (in the DX club fraternity). Congratulations on a job well done."

branch.news@radiodx.com

**Compiled by
Chief Editor
Wellington**

AUCKLAND

The 30 September AGM had 13 present at the clubrooms following a DXpedition to Sunset Beach, Port Waikato. All nominees for branch President have other personal commitments including Tom Rushbrooke who has retired this position for his upcoming operation. The members decided instead to have a Chairman (Barry Williams) and Daniel Bloomfield has offered to stand in for some of the upcoming meetings. The format of the Auckland Branch general meetings will be informal. Paul Gibson introduced himself as a new member giving an interesting account of his careers in avionics and radiocommunications with RNZAF and AWA. The branch subscription remains at \$10 and the branch will continue its annual donation to the Western Subburbs Radio Club for the use of their clubrooms. Phil van de Pavverd gave a DXpedition report that there was good reception of various countries except USA. An antenna kite (~50 metre long wire) was flown in turns by Malcolm Holmes and John West with a considerable signal over noise improvement on weak stations. John made some audio cassette recordings. A mystery station on 5731 kHz USB was heard singing nursery songs like ABC, Jack and Jill, etc.

The October meeting will be the League's national AGM (as well as a branch General Meeting) on Sunday the 28th at 2 pm at the Clubrooms, 3000 Great North Road, New Lynn, just past Whau Creek.

The November meeting is tentatively at the clubrooms on the 25th at 2 pm. Meetings are on the last Sunday of the month except December.

NORTH OTAGO

At the annual meeting of the North Otago Branch the following office holders were elected: -

President: Paul Ormandy **Secretary:** Keith Creighton **Dial News & Publicity:** Ray Davey.

At our October meeting our guest speaker was Stan Wilson who spoke briefly about the people who developed the use of electricity and then demonstrated a working Edison Phonograph. We listened with great interest to the sounds from the past produced from the cylindrical records. Many thanks to Stan for sharing with us this interesting experience.

The remainder of the meeting was spent in planning for the Convention. We are working hard to make this a memorable event for Dxers. There has already been great interest from many Overseas and New Zealand people. Besides having the opportunity of Dxing from a favourable site, you will also be able to visit places of great interest in the North Otago area. Enrolment forms will soon be available so be in early to make sure that we can welcome you to Camp Iona in February 2002. B.Jamieson

SOUTHLAND

The 2001 AGM was held at Paul's and there were 6 Members in attendance along with some of the Wives. As we did not have a President or a Vice president at the Meeting, Steven took the chair and acted President as well as secretary. It was agreed that the existing Officers continue on with their positions, however the position of President is still unfilled at this time. It was good to see Brandon Vaughan at the meeting, Brandon is now living in Venus Street and has recently erected an antenna and is hoping to get a Sony SW55 receiver. Some of the subjects covered at the meeting were, the letter from DOC regarding the requirement to paint the aerial poles at Tiwai in a bright orange color and to put larger flags on them so that the DOC helicopter gunships don't run into them when they may be aerial spraying. Steven offered to meet with the DOC on this matter as it was thought that paint would not last long and the time it would take to do the job. Several other ideas were spoken about with regards to another out of town site. Eric reported that this would be his 38th year as Treasurer for the Branch. Competition Winners for 2000/2001 are, - Best of the Year Broadcast, Lindsay Robinson, with WNMO Lexington Park MY. USA 1690 k/hz 1 KW. and Lindsay also took the Best of the Year on Shortwave with Radio Nova, United Kingdom 6285 K/hz 30 watts. The shortwave Plaque went to Paul Aronsen for the most Countries, Laurie Boyer received the award for Most verifications on Medium Wave. The meeting closed around 8-45 pm and then supper followed along with a chat about current happenings and past AGM's etc

This meeting is to held on Tuesday the 25th starting at 7-30pm and will be held at ???

News Items from the Internet.....

There has been a lot of interesting stuff of late on the Internet, one of the items was about a new Pacific Asian Log, this has been put together by Bruce Portzer in the USA and has just been released. The new PAL contains stations from all around the Pacific/Asia area and contains 3300 radio stations from 56 Countries and is 100 pages in size, he plans to update it at regular periods. The late Merv Branks and Members of the Southland Branch put out the Original PAL Log back in the 1960's, a lot of hard work in those days without the use of computers, and in an E-mail from Bruce Portzer to me he also mention that Chris Martin also put out a PAL log in 1980. If you have a computer you can download the new PAL Log, and it is very good.

The PAL (Pacific Asia Log) can be downloaded (for free) as a Adobe Acrobat PDF File from the following web site. <http://www.qsl.net/n7ecj>

marketsquare - members free advertisements

The North Otago Branch has the task of clearing the receivers from the estate of Alistair Sutherland. Among them the following:

Eddystone 750 - fair condition though no-go

Eddystone S640 - fair-good condition, needs attention as BFO cannot be switched off, dial alignment is out and stability poor

Eddystone 680X - fair condition though lacking the freq/band display behind the dial. And it doesn't work.

Eddystone S680/2 - fair condition though escutcheon behind knobs had been painted over, good performer with spot-on calibration and good stability

Eddystone S604 - fair condition, escutcheon also painted over, performance fair.

Eddystone EC-10 - fair-good condition (haven't tested it yet).

All Eddystones weighed around 16kg.

Marconi CR150 - condition good, looks really impressive though doesn't go. Weighs in at 27kg and seems to be a rare model.

Marconi - not sure of the model, rack-mount with no case, poor condition and doesn't work. Weighs in around 25kg

Trio 9R59DE - fair-good condition, will clean up well, fair performance (needs a tweak). Weighs in at 8kg

Hallicrafters Skyrider - 30+ kg and rather rough, missing S-meter, no-go

Zenith Trans Oceanic, Royal 1000-1, fair condition, will clean up well and performance fair., weighs under 5kg

All of the above are up for offers + freight. Please contact Paul Ormandy for more info.

33 Greta St, Oamaru. email paulorm@paradise.net.nz or Phone 03- 4345 931

Wanted for upgrade: Small world radio suitable for bedside. Preferred models Sony ICF2010/2001D, Lowe HF150/150e or similar standard with digital tuning.

Contact Janet Freeman phone 07 552 4424 email janet.freeman@clear.net.nz

Article: Our Radio Friends Today

Compiled by
David Ricquish

As we approach our 55th birthday in November, it's useful to reflect on where the club and hobby sit in the bigger picture of 'radio' in New Zealand in 2001. We have many friends.

The **NZART** has been celebrating its 75th anniversary in 2001. In 1951 they had 1518 members who represented 74% of amateur radio licences issued. This proportion dropped to 60% in 1968, but grew steadily through the 1970's and early 1980's to reach 76% by 1982. A very unpopular increase in QSL bureau costs tore 21% out of their membership in just over 12 months, and membership slumped to 60% again by 1984

Unfortunately, the slide continued to reach just 49% of licence holders by 1993, and 50 years on from 1951, there are just 2082 members in total. Over 50 years, membership has risen just 37%. But, there's a very bright side to the story. Since 1951, the number of licences has increased by almost 300%. So, the **NZART** has overseen a steady growth in amateur radio interest across the country in this time. Their 'Break In' magazine recently moved to less than monthly publication and hosts a regular SW column.

In 1933, the **NZ DX Radio Association** was founded, and remains the world's oldest

DX club. In January next year, their monthly magazine 'Tune In' opens its 70th year of publication. This continues as a foolscap photocopied publication, with a strong leaning towards Utility (aircraft and shipping) DX. It also continues a long tradition by remaining headquartered in Dunedin. Like the NZART, membership has declined markedly in recent years.

The **New Zealand Radio DX League** was founded in 1948 as a break away from the NZDXRA by its Christchurch branch, and is now based in Auckland. Like the NZART, the League reached its peak membership in the early 1980's, before beginning a slow decline like other DX clubs around the world.

This decline was reversed in 2000 with a fresh look magazine and one of the worlds most comprehensive DX websites, and now an electronic edition of the magazine. The League has entered into a new period of growth which looks likely to be sustained. The club continues to reinvent itself to serve the changing interests of people who like radio. It also builds partnerships with other groups, in New Zealand and overseas, who have an interest in radio from the Asia and Pacific region. Our website www.radiodx.com plays an important role in this growth.

The **NZ Vintage Radio Society** emerged later in the piece, with their quarterly bulletin celebrating 22 years of existence this year. Auckland based, their focus is the preservation of early radio equipment and associated historical information. Restoration projects are popular, and restored radios have developed a value as works of art far beyond their original cost and have a keen collectors following worldwide. They enjoy steady membership interest.

Around the country are countless other groups who also enjoy aspects of radio, whether running radio stations (**3XP Radio Ferrymead**), maintaining radio exhibits in museums (**IXT Village Radio**), former NZPO radio staff, ex-military radio personnel, and ex-NZBC staff.

More importantly, **thousands** of people make a living from working in radio stations, or volunteer their time at community radio stations, and there are FM radio stations in high schools, polytechnics and universities, and a growing number of Maori, Pacific Island and Asian stations. These are full of bright young people who have an interest in radio today. They hold promise for the future of radio, even as they use the internet, satellites and cutting edge technology to be heard on the airwaves in 2001.

The challenge for the **NZ Radio DX League** is find ways to bring all of todays radio people together to celebrate our common interest in radio. To find common cause. Achieving this, as well as building on our position as a heritage radio club with other good friends from the past, continues to make us relevant in the future. As we approach our 55th anniversary, I believe we've already started moving successfully in this direction. Because it's just a hobby, we have fun at the same time!

Last month we had a great Article by Peter Chambers '**Ground Radial Antenna Update**' In the article Peter said " 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"

Unfortunately I did not put the address for readers to contact Peter. The address is -

Peter Chambers
P.O. Box 3118
Onekawa
Napier 4001

Member Profiles

This month we join League member Cliff Couch with details on how he became interested in DX Listening and joined the DX League and a great article on DXing in the Sunset Years.

How I Became interested in DX Listening by Cliff Couch

My interest was first kindled when hearing the late Arthur Cushen's 'Radio World' sessions on Radio Rhema. Radio has always held a fascination for me, and being retired the opportunity was there to take it up as a hobby. The next trigger was a sale offer on the part of the local David Reid store (as it was then) for a small Sangean MS 101 short-wave receiver. I fell for it! The accompanying booklet, which listed SW times and frequencies, got me started very much 'from square one'. Next I wrote to Arthur Cushen for some guidance, as offered on his radio session, and from then on Arthur was most helpful. A discovery that reception was remarkably better if I connected the whip antenna to the TV aerial outlet started me off on a whole series of experiments with antennas.

Having soon realised the limitations of an analogue receiver with only a selection of wave band settings, within six months I invested in a Sangean ATS-803A world band receiver (at another sale!). Meanwhile I had kept the local library busy getting in SW radio books for me through Interloan and was into using "Passport to World Band Radio". The next logical step was to join the NZ Radio DX League and as well as much help from the "NZ DX Times" this brought me into contact (by correspondence) with several experienced League members who have been unstinting in helping me to unravel the mysteries and practicalities of DXing to this day.

DXing in the Sunset Years by Cliff Couch

Radio shacks may be just the thing for some, but as a septuagenarian, give me the comfort of fireside DXing!

My Sangean ATS-803A receiver fits snugly and unobtrusively into the bookcase beside my fireside chair.

Three cordline toggle switches attached to a base enable me to switch quickly between my three aerials. The bookcase not only provides a convenient repository for my PWBR, WRTH, latest NZDXT, log books, UTC clock and the life-giving cup of tea, but also hides the spaghetti like tangle of hook-up wires associated with the switching and the aerial down leads plus earth connection which come in through the nearby window. A



standard lamp gives good light.

Since retiring, my sleeping pattern has become more and more irregular. Thus, it is not unusual for me to be wide-awake at some unearthly hour of the early morning. What better then, especially in winter to be able to switch on the gas heater, brew a cup of tea, and spend the waking moments beside the fire tuning round the dial? Indeed, with everything at arms length, one can relax and enjoy a bit of DXing at any time of the day in any season when the spirit moves and the opportunity presents itself. For this reason my approach to DXing tends to be random rather than according to any carefully scheduled plan.

Another plus, in the interests of domestic harmony, is that when my wife is busy with her knitting or her crosswords, I can indulge my hobby without turning her into a DX widow!

Yes I can thoroughly recommend fireside DXing in one's sunset years.

Article:

Wavescan Topics by Adrian Peterson. Compiled by Bryan Clark

The following article by Adrian Peterson first aired on Adventist World Radio's 'Wavescan' DX programme in October 2000

Jungle Network

When we think of the word "jungle", we usually think of a vast expanse of massive trees and thick undergrowth all bathed in a hot steamy climate. Perhaps we would place the location of these "jungles" in the tropical areas of the Amazon Valley in South America and in the mountainous regions of New Guinea. And of course, all of this would be correct.

According to the dictionary, the word "jungle" comes from an Indian word in the Hindi language. In India, the word "jungal" means a desert, a forest, a jungle. It comes from an earlier word in the ancient Sanskrit language, "jangala", meaning a hot dry desert. Thus the word has changed its meaning somewhat over the years, but ask the American, Australian, and Japanese soldiers in the Pacific War what they understood by the word "jungle" and they will all tell you the same thing. It is a place of massive trees and thick undergrowth bathed in a hot steamy climate.

During this Pacific War, a whole network of entertainment stations was installed in the jungle areas of New Guinea and nearby islands. Actually, the first entertainment station in this area was installed, not by the Americans, but by the Australians, at Milne Bay, right at the bottom tip of the 'tail' of the island of New Guinea.

This station was established by the Royal Australian Air Force and it made its inaugural broadcast on Australia Day, January 26, 1944. The original transmitter was a 60 watt communications unit.

"RAAF Radio", as the station announced on air, was moved shortly afterwards to a jungle location near Madang some 500 miles further up the north coast of New Guinea. At the same time, a new 250 watt transmitter was installed.

It was at this stage, that an interesting relay experiment was implemented. RAAF Radio near Madang relayed the programming live from the Australian Army station 9AA in

Port Moresby, on the same channel, 1250 kHz. In view of the fact that there were no telephone lines at the time spanning the 200 miles of mountains, rivers and jungle separating these two locations, then probably the relay link was by shortwave. However, no DX reports at the time refer to this probable relay service.

The first American station in the areas of the "Jungle Network" was station WVTI at Bougainville in the Solomon Islands. This station went on the air in March 1944 under the generic call sign, AES, American Entertainment Service, though shortly afterwards it was given an American call sign WSSO which was changed again to WVTI.

Station WVTI later moved to Cebu City in the Philippines where it joined the "Mosquito Network", and then to Manila where the network name became FEN, the "Far Eastern Network".

The next American stations in these jungle areas were AFRS1 & AFRS2, located near two small northern cities in New Guinea. The call signs were changed to WVTA & WVTB when the Jungle Network was established.

Altogether, there were seven American stations in the Jungle Network, all located in New Guinea, the Solomon Islands, and the southern Philippines. Each station was given an American call sign in the WVT sequence, ranging from WVTA down to WVTQ. QSL letters were received in Australia and New Zealand from at least four of these stations.

And so we leave the "Jungle Network", which is known today only by some of those who lived and experienced that era way back more than half a century ago.

The Mosquito Network

The Mosquito Network! What an intriguing name. Where do you think that you would find a radio network with the name "Mosquito Network"? Some people would suggest, this has to be in Central America.

The mosquito is an infamous little insect that is noted for its painful sting when it bites, and for the deadly diseases that it transfers from one person to another. There are more than 2,500 different types of mosquito and biologists cluster them together in 100 "genus" groups. Mosquitoes are found in all parts of the world, even in the Arctic areas. The name "mosquito" is the diminutive form of the Spanish word "mosca" and means "little fly".

The Mosquito Indians live along the Atlantic coast of Honduras and Nicaragua and still speak their own language to this day. They were named because they lived in an area that was heavily infested with mosquitoes.

However the Mosquito Radio Network was not established in Central America but rather in the steamy jungles on islands in the South Pacific. This is the story.

Towards the end of the Pacific War, the Americans established a whole series of entertainment AFRS radio stations throughout all of these areas for the purpose of broadcasting news and information to service personnel. The first of these radio broadcasting stations in the South Pacific was located on the island of Guadalcanal in the Solomon Islands.

This AFRS station, under the American call sign WVUQ, grew into quite a substantial unit, with 1 kW output on the medium wave channel 690 kHz. Because of its size, and in honor of its location and its status, station WVUQ became the key station in the Mosquito Network.

However, even though ultimately 8 stations were classified as member stations in the Mosquito Network, yet they took no regional relay from the key station. This was an organizational and geographic network, not a programming relay network. All programming was produced locally or taken on relay from shortwave stations in the United States and Australia.

Altogether, the 8 stations in the Mosquito Network were on the air in the years 1944, 1945 & into 1946. These stations were:-

Call	Location	Country	Watts	kHz	Comments
WVUQ	Guadalcanal	Solomon Islands	1000	690	1st, & key station
WVUS	Noumea	New Caledonia	1000	975	2nd in South Pacific
WVUR	Esperitu Santo	New Hebrides	1000	1040	
WVUT	Nandi	Fiji	50	660	
WVTI	Cebu City	Philippines	500	1340	
WVTM	Manila	Philippines	1000	1300	
WVUV	Pango Pango	American Samoa	50	1270	
Navy Radio	Tutuila	Samoa	100	1270	

It is now more than 50 years since these temporary and at times mobile stations were on the air in the islands of the South Pacific. The Mosquito Network has long since gone, and in some areas, so have the mosquitoes.

All that lives on now regarding this unique radio network are the entries in radio magazines at the time, and the QSL cards and letters that were issued to listeners, mainly in Australia & New Zealand.

Recently, DX League members Paul Ormandy and David Ricquish have begun to assemble information regarding the Mosquito Network and other similar networks throughout the Pacific and into Asia. If any members can provide more information on these topics, please contact Paul Ormandy - paulorm@paradise.net.nz or snail mail — 33 Greta Street, Oamaru or David Ricquish. If any members can provide additional information regarding the Jungle Network and other similar stations, do make contact with the Pacific Radio Heritage Committee c/o David Ricquish, Pacific Radio Heritage Collection, PO Box 14339, Wellington, or email ragusa@the.net.nz

Word of Caution

While I don't want to be accused of hysteria. As Radio Hobbyists we receive various items of mail, including Programme schedules, QSL's or just goodies from the various stations. With the current situation in Afghanistan (and who knows where next) and the current fad for anthrax it may be a good idea to treat some mail items from some parts of the World with caution.

The International division of NZ Post is likely to pick up any questionable item before it reaches you but if you do get a questionable item of mail, use a pair of disposable gloves when opening the item. If some unidentifiable substance is found, dial 111 and report it.

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

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

Annual Membership:

Within New Zealand - NZ\$35.00.

Australia/Pacific Islands - A\$35.00

Rest of World- US\$30.00

All overseas members get airmail delivery.

An Electronic magazine is now available in a Adobe Acrobat PDF Format for US\$10 or AUS\$20



We are now able to accept VISA or Mastercard for International members only. Contact us for more details.

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

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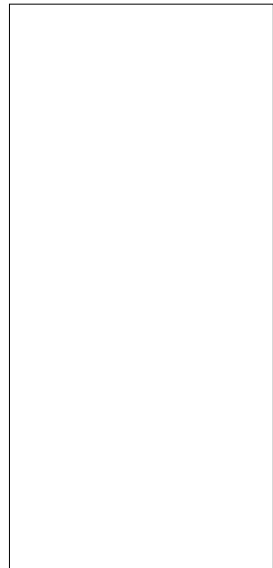
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