

N.Z. RADIO



LEAGUE

New Zealand DX Times

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N.Z. RADIO



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Contribution deadline for next issue is Wed 5th November 2003 PO Box 3011, Auckland

CONTENTS

REGULAR COLUMNS

Bandwatch Under 9	3
<i>with Ken Baird</i>	
Bandwatch Over 9	6
<i>with Andy McQueen</i>	
English in Time Order	10
<i>with Yuri Muzyka</i>	
Shortwave Report	12
<i>with Ian Cattermole</i>	
Shortwave Mailbag	18
<i>with Laurie Boyer</i>	
Unofficial Radio	19
<i>with Paul Ormandy</i>	
Utilities	25
<i>with Evan Murray</i>	
TV/FM	28
<i>with Adam Claydon</i>	
Broadcast news/DX	30
<i>with Tony King</i>	
X Band List	32
<i>with Tony King</i>	
ADCOM News	33
<i>with Bryan Clark</i>	
Branch News	35
<i>with Chief Editor</i>	
MARKETSQUARE	36
Continents List	42
<i>with Andy McQueen</i>	
League Ladders	43
<i>with Stuart Forsyth</i>	

OTHER

Article:	37
Spark to Voice, Early WOI Radio	
<i>by Bill Smith</i>	

FRONT COVER

Antonov AN124-100 at Auckland International Airport 28th August 2002.
Photo by Auckland Member Noel Jones.

Apologies for the delay in this month's magazine.

Another job has had priority and unfortunately took a bit longer than I had planned or expected.

If I have missed out putting something in this month's magazine that I promised you that I would. Please let me know.

Thank you to those people who responded to the question about 'Is Internet Listening really DX' I will publish their comments next month.

Mark Nicholls
Chief Editor
Fri 17th October

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World Radio TV Handbook

Pages 22/23

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Page 24



Please note that all frequencies should be in Kilohertz and, time in UTC (= GMT = UT), # indicates reception out of NZ, initials in **Bold** indicates 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
3290	0906	PNG, R Central fair in EE with news of NSW Teachers strike and PNG Weather ID 0910 — KVB 17/9
3290	0913	PNG, R Central fair/good with EE news — ABD 23/9
3310	0842	BOLIVIA, R Mosoj Chaski fair in vernac with continous Andean folk songs, 0900 MA with ID — KVB 6/9
3340	0251	HONDURAS, R Misiones Internacionales with frequent IDs, TCs, during musical prgm by OM in Spanish poor/fair - # RAD 5/9
3350	0556	SPAIN, REE poor in Spanish with ezl Latino music, MA/FA with ID, IS and off KVB 20/9
3365	1003	PNG, R Milne Bay fair/good with local news in EE — ABD 23/9
3975	1923	HUNGARY, R Budapest fair with DX Prgm — AJS 31/8
3995	0542	GERMANY, R D Welle fair in German with world news, ID 0554, signal surging KVB 26/9
4485	1040	UNID, Latin with usual Andean sounding music, huaynos etc, MA with rapid fire delivery — KVB 4,8,10, 22/9 (Possibly PERU, R Frecuencia VH, Celendin, ref DBS 5th Ed, KAB)
4600	1050	UNID Latin with varied prgm in Spanish, talk, ads, upbeat music, phone-in, heavy Ute QRM 1100, some Andean music — KVB 4,5,8,12,22/9 (Possibly BOLIVIA, Perla del Acre, Cobija, ref DBS 5 Ed , KAB)
4747	1000	PERU, R Huanta ad string after himno nacional — TK
4753	1015	INDONESIA, RRI ballads with usual FA — TK
4770	0538	NIGERIA, R Nigeria fair/poor in EE talk and news, ID 0559, TS 0600 — KVB 11/9
4775	1000	PERU, R Tarma s/on. Many ads with echo — TK
4800	0320	LESOTHO, Radio Lesotho, music program until 0330 when discussion program with a man and woman in Sesotho language commenced. At 0350 more music with brief talk by a woman at 0358. ID at 0400 followed a woman with news. At 0407 a man gave a public service announcement with the Box 552 station address. Local music followed the PSA. Nice signal but reception marred by 60-meter band swisher. - # RAD 2/9
4805	1000	BRAZIL, R Difusora Amazonas, Manaus with news prgm in Portuguese — TK
4810	0055	MEXICO, XERTA decent audio but heavy QRN with pop relig vocals, IDs after every few songs in various languages. Followed for several mornings from 0830 to 1100 but carrier only, there on 20/9 at 0630 with Spanish vocals - # JB 18/9
4865	1005	PERU, R La Hora with news — TK
4880	0019	INDIA, AIR Lucknow tone present at 0019 off at 0023 but AIR never turned up. Better Indians this night on 4790, 4840, 4860, 4920 - # JB 14/9

4890 1100 PNG, NBC-Karai National Service, woman announcer with English news. ID at 1106 and man continued the news. Brief island musical segment at 1110 with ID and into a talk feature hosted by a woman announcer. Fair but beginning to fade - # RAD 9/9

4902 0935 PERU, R La Oroya fair in Spanish. This seems to be a regular freq. For Latins. Three different noted in recent weeks between 4902 & 4905 — IC 17/9

4919 0511 ECUADOR, R Quito fair in Spanish with pop music, MA/FA with ID 0530 KVB 25/9

4925 0138 R Educacao Rural de Tefe with pop vocals, Portuguese talks, jingle IDs with s/off ID and announcements 0159 - # RAD 29/8

4939.7 0930 Venezuela R Amazonas with songs and romantic vocals, no ID as such, signal appears to have improved of late with better strength and modulation # JB 1/9

4950 1913 SAO TOME, VOA good with music show — AJS 29/8

4965 0935 PERU, R Santa Monica good in Spanish many IDs — IC 23/9

4965 1000 BRAZIL, R Alvorado (presumed) good with music but distorted speech AJS 10/9

5025 1020 PERU, R Quillabamba with Andean flute music in Spanish — TK

5030 2334 BURKINA FASO, R Burkina with French pop and rap tunes with French talk. Show ended 2356 then ID, s/off announcements and Natl Anthem, fair - # RAD 25/8

5045 0740 BRAZIL, R Guaruja Paulista, Florianapolis, new to SW with typical upbeat morning prgm with ID at 0758 with call letters, frequencies, stn name, not very strong and bad QRN - # JB 7/9

5070 0855 USA, WWCR v good in EE with Scriptures for America followed by Bro Stair after full ID at 0900 — **RFK** 19/9

5500 0320 ETHIOPIA, V of Peace and Democracy via V of Tigray Revolution with long talks in Tigrinya, Horn of Africa vocals, followed by another long talk, final musical selection 0346. poor/fair and noisy // 6350 fair on USB - # RAD 8/9

5678 0150 PERU, R Ilucan with rustic vocals and long Spanish talks by OM, nice canned ID and s/off 0246, poor/fair - # RAD 27/8

5765 0800 DIEGO GARCIA, AFN v good with news — IC 8/9

5800 1901 TAJIKISTAN, R Tajik good with s/on announcements in German — AJS 10/9

5930 2027 CZECH REP, R Prague with s/off ID and IS // 11600 better — KAB 16/9

5952 0957 BOLIVIA, R Pio Doce fair in Spanish and vernac with talk by OM/YL, canned ID 0959 — KVB 16/9

5970 1930 GERMANY, Bible Voice BC good in EE with relig prgm, s/off — AJS 7/9

5985 1905 CONGO REP, RTVC Brazzaville good with French music and talk, ID 1913 followed by French talk — KAB 17/9

6020 0455 PERU, R Victoria fair in Spanish with v intense OM on La Palabra, comtemp relig music, IS & ID 0602 then possible sked — KVB 14/9

6025 1915 HUNGARY, R Budapest poor in EE with talk on EU — KAB 17/9

6040 0845 BRAZIL, R Paranaense v good in Portuguese, good IDs — IC 30/9

6065 1930 SWEDEN, R Sweden with news in EE after IS, ID, fair — KAB 15/9

6095 2028 GREECE, VOA good in EE with comment on WWII, ID 2030 followed by VOA News Now — KAB 16/9

6105 0545 BRAZIL, R Cancao Nova weak in Portuguese with clear IDs 0699 and announcing all freqs — IC 8/9

6135	0915	BOLIVIA, R Santa Cruz fair in Spanish — IC 23/9
6155	0130	UK, RTE Ireland via Rampisham with news via Radio1 to 0200, building on fire in County Clair, 160 firemen at the scene, fair - # JSB 26/9
6180	0904	BRAZIL, R Nacional da Amazonia good in Portuguese with MA, several phone-ins, then music, ID 0905 — KVB 8/9
6185	2035	ITALY, RAI v good with EE address and ID then into Italian music — KAB 16/9
6190	2339	GERMANY, Deutschlandfunk with German talk and jazz, 3+1 Time pips at 0000 followed by ID and newspoor with some fair peaks but buried under R Slovakia opening 0100 - # RAD 11/8
6195	1915	SINGAPORE, BBC WS fair in EE with orgm on vet services in LA — KAB 15/9
6285	2153	PIRATE (Euro) WNKR (West & North Kent Radio) poor in EE with telephone number and rock music and long talks, improved after 2245 with many canned IDs — JB 13/9
6925	0045	PIRATE, Nth Am, WHYP with JB and continous music, fair - # RAD 9/9
6925	0203	PIRATE, Nth Am, WHYP with live broadcast by JB?? Playing music, e-mail address, prior to s/off, poor/fair - # RAD 29/8
7105	1915	SAO TOME, R Sawa good in Arabic with pop music and news — AJS 5/9
7120	1016	CHINA, R Urumqi good in presumed Uighur with contemp Chinese music, talk by YL and radio play, silent 1057, IDs 1018 — KVB 21/9
7130	1929	SLOVAKIA, AWR via Rim-Sobota good in EE with Wavescan and Sth Pacific DX Report — RFK 14/9
7135	2335	MOROCCO, RTV Morocco with non-stop Arabic music, Arabic talk by OM 2358, ID, news and off - # RAD 31/8
7155	1900	THAILAND, R Thailand v good with opening announcements, target areas, news on Millenium development goals, wild life protection — RFK 15/9
7195	0500	MOROCCO, VOA fair in EE with news on Iraq - # JSB 27/9
7210.3	2235	BENIN, Radio Diff du Benin with continous French pops until carrier cut, fair # RAD 25/8
7240	2030	AUSTRALIA, R Australia good with item on web page hacking // 9500, 9580, 9815, 12080 — PWO 26/9
7295	2020	MALAYSIA, RTVM R4 fair with EE pops — PWO 26/9
7315	1700	RUSSIA, V of Russia in EE with s/on remarks then news, followed by item about international music conductor — RFK 14/9
7350	1800	RUSSIA, V of Russia v good in EE with usual s/on and news then Commonwealth Update — RFK 15/9
7380	1948	RUSSIA, R Mariya fair in Polish with spoken prgm, refs to Mariya, - KVB 18/9
7410	1915	INDIA, AIR Delhi fair in EE with singing and comments on each song — KAB 17/9
7445	2032	COSTA RICA, RFPI poor in EE with comment on World Trade Meeting — KAB 16/9
7485	1520	SINGAPORE, RTE good with sports commentary in EE — IC 28/9

LOGGING OF THE MONTH

goes to **Ian Cattermole** for R La Oroya, PERU on 4902 kHz. My thanks to all the contributors, with a good variety of loggings this month.

73's, Ken Baird

CONTRIBUTORS FOR THIS MONTH

ABD — Arthur De Maine, Kakanui, Drake R8, NRD 515, longwire antenna : **AJS** — Andrew Sunde, Ohai, ICF 2001, 5MHz dipole, 40m wire : **IC** — Ian Cattermole, Blenheim, JRC NRD 535, T2FD and Alpha Delta antennas : **JB** — Jerry Berg, Lexington, MA, USA, R8, 130ft longwire, 19 & 90m dipoles : **JSB** — Jon Standingbear, Beaumont, USA, NRD 345, 80ft longwire : **KAB** - Ken Baird, Christchurch, R5000, Drake SW2, 18m Wire, SW Eavesdropper : **KVB** — Kelvin Brayshaw, Levin, FRG7, ICF2001, Horizontal loops: **PWO** — Paul Ormandy, Oamaru, AOR 7030+, Numerous 20-30m dipoles : **RAD** — Richard D'Angelo Wyomissing USA, Ten-Tec RX-340, R8B, Lowe HF 150, Alpha Delta sloper, RF Systems mini window, Datong FL3, JPS ANC4 : **RFK** — Ron Killick, Christchurch, Sony ICF-6800W, 40m longwire : **TK** — Tony King, Greytown.

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

bandwatch.over9@radiodx.com

Compiled by Andy McQueen, Brightwater

Hello again from Brightwater, where we have just had the heaviest snowfall all winter in the hills around the town. The good news is that its now daylight savings time now and summer is coming soon. So that means the higher frequencies will stay open longer. Please note all times given are UTC.

KHZ TIME COUNTRY STATION & PGM DETAILS INITIALS

9329.7	2046	USA WBCQ The Planet, fair in LSB mode with jingle id, then "Radio Review". 26/9 PWO
9440	2030	CHINA CRI Poor/fair with item on use of telephones in China. 26/9 PWO
9445	2100	INDIA AIR GOS Fair with news // 9910, 9950 & 11620 26/9 PWO
9475	2200	USA WWCR. Good in EE. 10/9 IC
9490	0355	GERMANY RTBF via Julich Excellent in FF Id as "La Premiere" then 10 minutes of News and sport Afterwards Music 0428 Id as "Voice of the Capital" 1/9 RFK
9490	0500	SWEDEN R Sweden Excellent in Swedish with all Nx pgm Good Id and lots of people and place names 2/9 RFK
9510	2030	NORWAY R Denmark Kvitsoy Good at S/on in Danish but deteriorated and by 2051 gone Usual News and talk with Id at S/on some splatter from 9505 and someone else weakly on channel after 2045 18/9 RFK
9580	1700	AUSTRALIA RNZI via Shepparton Excellent in EE S/on with Pacific & regional Nx At 1709 comments on Warriors V Bulldogs then tennis, Item about transmitter fault at 1734 12/9 RFK
	1905	Good in EE with relay of National Pgm's Morning Report - Helen Clark visits Solomon Islands 22/9 AMQ
9600	0340	CUBA R Habana Cuba V/Good in SS./9550. 5/9 IC
9605	0805	ITALY Voice of Mediterranean. Poor in EE. Sunday only. Severe co-channel QRM from WYFR. 14/9 IC
9610	0840	TAIWAN RTI Good in EE. 9/9 IC
9615	0855	BRAZIL Radio Cultura. Fair in PP. 9/9 IC
9615	1230	PHILIPPINES Radio Veritas. Good in Kachin to Myanmar. 24/9 IC
9630	2030	SEYCHELLES BBC via Mahe Fair signal with some flutter fading, item on Basque separatism. Also heard via Ascension at this time, on 15400. 26/9 PWO

9660 0402 FRENCH GUIANA NHK/R Japan Montsinery relay V/good in SS News and plenty of "NHK World Radio Japan" Id's with music from 0415 9/9 **RFK**
 9675 2045 INDIA AIR GOS S/on with News then music 20/9 AJ5
 9675 2200 PAPUA NEW GUINEA NBC Fair with religious pgm in EE 13/9 AJ5
 9690 0320 SPAIN CRI relay Good in EE with news items from developing countries 4/10 AMQ
 9700 0500 ANTIGUA D/Welle. Good in EE. 26/9 IC
 9705 2145 USA VOA, Fair/good with "Jazz America", // to 15185. 26/9 PWO
 9760 2030 GREECE VOA, Fair/good with item on children orphaned by war, //9530. Also heard with African feed on 15410 at the same time. 26/9 PWO
 9820 0208 AUSTRIA AWR Moosbrunn V/good in EE Songs and Gods Word on 'refuge' Into Urdu at 0230 9/9 **RFK**
 9850 1000 USA WHRI Fair in EE. 17/9 IC
 9870 0815 MONACO TWR Monte Carlo. Good in EE. 17/9 IC
 9870 2130 IRANVOIRIB Fair-good with news, despite some slight co-channel QRM from AA station. Ormandy Sept 26/9 PWO
 9930 1015 HAWAII KWHR. Good in EE. 17/9 IC
 11550 0910 AUSTRALIA R Australia V/good in Indonesian with Nx and Id at 0912 3/9 KVB
 11630 1813 VIETNAM VOV V/good in EE Sunday show about ethnic group from Central Highlights and building og communal house in Hanoi with german aid Into FF at 1830 14/9 **RFK**
 11745 0115 CHILE Voz Christiana. Good in PP to Brazil. 28/9 IC
 11750# 0810 AUSTRALIA. HCJB-Kununurra, fairly strong, in EE Christian pops and talk, Id as "Voice of the Great Southland, radio from the heart." Signal has improved a lot since the early days. HCJB Id at 0830. 14/9 JB
 0900 V/good in EE with News and using Id as "Voice of the Great Southland" 3/9 KVB
 11760 2100 CUBA Radio Habana, poor-fair signal with news. 26/9 PWO
 11760 2100 CUBA Radio Habana, poor-fair signal with news. 26/9 POW
 11760 2200 PHILIPPINES. VOA Very good in EE. 5/9 IC
 11765 0855 ALASKA KNLS Good in EE with hymn and explanation of it. Id and S/off 0858 4/9 KVB
 11905 2030 UZBECKISTAN R Tashkent Good in EE with Full S/on data then Nx items mostly about Independence Day celebrations. One of the better days some days totally unreadable. 1/9 **RFK**
 11920 2215 CANADA RCI Fair and a little noisy in EE with Overseas News Items 17/9 ABD
 11925 0500 PORTUGAL D/Welle Sines Good in EE News and Newslink for Africa Aid, Conservation Strikes and then Liberia 9/9 **RFK**
 11965 2030 CANADA RCI Good signal with light-hearted look at dieting // 12015, 15325. 26/9 PWO
 11980 1957 GUAM KSDA Agat S/on with "from the beautiful Island of Guam" V/good in EE with item on obesity in children 2/9 **RFK**
 2130 Fair with "Network 7". 26/9 PWO
 12015 0330 UAE AWR Al Dhabayya Good in Ormo EE at S/on then talk and nice Ormo music Off at 0359 17/9 RFK
 12025 0415 RUSSIA R Rossi Armavir Good in RR with talk and pleasant folk music slight splatter from 12015 Id at 0430 4/9 KVB
 12025 0959 RUSSIA RFI via Irkutsk Good in CC with News item on Dali Lama Id at 1000 10/9 KVB

12035 0810 SPAIN REE V/Good in SS. 8/9 IC
12040 2133 PHILIPPINES? R Sawa Good in AA with Arabic and western Mx // 12010
Strong on both frequencies but 12040 was clearer. Id at 2134 3/9 KVB
12080 2123 AUSTRALIA R Australia Brandon Fair in EE with Nx item on Hutton inquiry
into Iraqi threats Id at 2130 3/9 KVB
13580 2130 CZECH REPUBLIC R Prague, Fair with magazine program "Inside Central
Europe". 26/9 PWO
13590 1901 GERMANY D/Welle Wertachtal V/good in EE with Nx of the day then
Bundesleague scores and Inspired Minds pgm on film directors 21/9 **RFK**
13650 0730 SWITZERLAND SRI Good in EE with News with Id and email address at S/off 2/10 ABD
13690 1929 GT BRITAIN RVI Skelton Good in EE at opening with Id Then short Nx items
about truancy at schools beautiful autumn weather , new airport plan
Certified Believer album and giveaways and symposium on Health 15/9 **RFK**
13695 0958 INDIA AIR GOS Good in EE but only fair modulation News 78 killed in Sth
Korea typhoon Id at 1000 14/9 KVB
13740 2030 RUSSIA Voice of Vietnam relay Poor-fair with news items. 26/9 PWO
13760 2115 NORTH KOREA. Radio Pyongyang. Good in EE. 9/9 IC
2135 Poor with usual diatribe. 26/9 PWO
13770 0932 AUSTRALIA HCJB Good in CC with ballads and religious Mx Some spoken
items Id 1005 13/9 KVB
15045# 0058 MEXICO R. Free Cascadia Int., heard at various times during WTO meeting,
poor with Id and E-mail and postal addresses at 0058. better that afternoon
at 2150-2245, "peace" pgm. Id's, mention. of fqy, Cancun, rock Mx; also at
2025 Sep 13 with full Id, earlier read a rpt from listener in China and said
would send him and other reporters QSL. Audio varied from barely
perceptible to good, carrier usually fairly decent. Announced would be on
Sep 10-14. radio985@efn.org; P.O. Box 703, Eugene, OR 97440;
<http://www.efn.org/~radio985/RFCI/index.htm> 12/9 JB
15100 2130 CHINA CRI V/good with program on National Library of China, some slight
co-channel QRM from REE. 26/9 PWO
15220 2015 SWITZERLAND SRI fair signal with time on the banned drink Absinthe. 26/9 POW
15330 1041 GUAM KTWR V/good in Indonesian with talk and easy listening Mx Id at
1044 16/9 KVB
15445 2300 TAIWAN AWR Fair in Vietnamese EE S/on and off Bits of Song and talk
between times Very spasmodic receptions with over 3 weeks of trying 9/9 **RFK**
15455 0358 RUSSIA VORWS Fair in EE S/on 0400 then News US Iraq Sept 11 anniversary
Then Moscow Mailbag with Joe Adamov 12/9 **RFK**
15515 1625 GERMANY SRI via DTK. Julich Opens with EE ID then into Italian. 10/9 IC
15545# 1859 GT BRITAIN R. Ndeke Luka, relayed by Wooferton, Started in midst of FM
frequency Id, into African group singing,. Pgm of Nx in FF with African vocal
Mx, frequent Id's mention of this SW frequency as well as FM. Then talk in
African language, then Id incl. an interesting "singing promo" vocal by man,
partly in EE, singing the praises of the station as at 1950, then Mx to end at
1958 HCJB opened in GG at 1959. 27/9 JB
15555 1920 PORUGAL. RDP Weak but clear in PP.//13770 strong. 14/9 IC

1555 0130 AUSTRALIA HCJB Good in EE on this new frequency. 16/9 IC
 15600 2259 USA RTI via Okeechobee Florida Fair in EE with Id and S/off 3/10 ABD
 15790# 1600 IRAN. Presumed R. Yaran, Decent signal, opening with a pop instrumental, then announcements but didn't get a definitive ID. The carrier from a big jammer was there before 1600; I mistook it for the stn itself, which, however, opened very slightly higher, and was soon nearly obliterated by big jammers, shades of the 50/60s.1/9 JB
 17555 1500 GERMANY Radio Rhino International-Africa via DTK. Fair in EE Many Id's. This broadcast to Uganda. 30/9 IC
 1543 Good signal in EE with some African Mx but mostly talk about the station. This was given as a trial pgm, with official start to be in mid-Sept. Twice gave phone and FAX numbers in Germany for contact, also URL <http://www.radiorhino.org>. Closed 1559 in middle of "If I Had A Hammer." Website gives E-mail address as mail@radiorhino.org and postal address as: RRIA-Project (VOVI-Uganda. eV), c/o Allerweltshaus eV, Koernerstr. 77-79, 50823 Koln, Germany. 6/9 JB
 17595 2245 USA WEWN Good in EE with 'Jukebox' pgm then 'Openline' at 2300 to past 2330 24/9 **RFK**
 17690 0900 CHINA CRI Good in EE at S/on then News 23/9 ABD
 21690 0315 JAPAN NHK/R Japan V/good with Id and news from Asia 3/10 ABD

Thanks very much to all contributors for this month. Stations reported are indicated by the contributors initials underlined in Bold eg: **AMQ** The use of the # symbol is to indicate station reported outside of New Zealand. Please note I have changed the location of this symbol to beside the frequency.

Apologies to
last month's winner Ron Killick who reported RTM Rabat MOROCCO 11920kHz
 and I credited it to Kelvin Brayshaw by mistake.

The winning logging for October is
9675 kHz NBC Port Morseby submitted by **Andrew Sunde**

Your contributions are most
 welcome either to the email address on the masthead or Postal via PO Box 3011 Auckland
 or direct to me at 85 Waimea West Road Brightwater Nelson.
 73's Andy McQueen

SHORTWAVE EXCHANGE

ABD Arthur De Maine Kakanui Drake R8 & NRD-515 with long wire antenna /**AJS** Andrew Sunde Ohai Southland Sony ICF 2001 5 Mhz dipole and 40m wire /**AMQ** Andy McQueen Brightwater Sony 7600 and 1 m telescopic whip / **CC** Cliff Couch Paraparaumu Sangean ATS 803A with 60m horizontal loop/ & 32m E/W random wire & 4 band N/S dipole / **IC** Ian Catermole Blenheim JRC NRD 535 T2FD and Alpha Delta antennae/**JB** Jerry Berg, Lexington, MA, USA, R8, 130ft longwire, 19 & 90m dipoles / **KVB** Kelvin Brayshaw Levin FRG-7 & Sony ICF 2001 60m & 40m horizontal loops/ **RAD** Richard D'Angelo Wyomissing, PA USA Drake R-8B Lowe HF-150 Alpha Delta DX Sloper RF Systems Mini-Windom Datong FL3 JPS ANC-4 /**RD** Ray Davey Oamaru **RFK** Ron Killick Christchurch Sony 6800 & 40m long wire /

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 and send them to the Under/Over 9MHz Bandwatch column editors, thanks.

73 - Yuri, ZL1GYM (yuri@win.co.nz <http://www.linradio.com/sources.htm>)

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

Overseas contributors now have "#"'s around their name initials (eg #ABC#).

Time (UTC)	Frequencies (kHz)	Station Name	Station Country	Log Date	DXer Name
0130	15555g	HCJB	ECUADOR	16/9	IC
0130-0200	6155f	RTE Ireland	UK	26/9	#JSB#
0208-0230	9820g	AWR	AUSTRIA?	9/9	RFK
0320	9690g	CRI	CHINA	4/10	AMQ
0400	15455f	VORWS	RUSSIA	12/9	RFK
0500	7195f	VOA	USA	27/9	#JSB#
0500	9700g	D/Welle	GERMANY	26/9	IC
0500	11925g	D/Welle	GERMANY	9/9	RFK
0538-0559	4770f	R Nigeria	NIGERIA	11/9	KVB
0730	13650g	SRI	SWITZERLAND	2/10	ABD
0800	5765g	AFN	USA	8/9	IC
0805	9605p	VOMediterranean	ITALY	14/9	IC
0810-0830	11750e	HCJB-Kununurra	AUSTRALIA	14/9	#JB#
0815	9870g	TWR	MONACO?	17/9	IC
0840	9610g	RTI	TAIWAN	9/9	IC
0855-0858	11765g	KNLS	ALASKA	4/9	KVB
0855-0900	5070g	WWCR	USA	19/9	RFK
0900	11750g	HCJB-Kununurra	AUSTRALIA	3/9	KVB
0900	17690g	CRI	CHINA	23/9	ABD
0906-0910	3290f	R Central	PNG	17/9	KVB
0913	3290g	R Central	PNG	23/9	ABD
0958-1000	13695g	AIR	INDIA	14/9	KVB
1000	9850f	WHRI	USA	17/9	IC
1003	3365g	R Milne Bay	PNG	23/9	ABD
1015	9930g	KWHR	HAWAII	17/9	IC
1100-1110	4890f	NBC	PNG	9/9	#RAD#
1500	17555f	Radio Rhino Int	AFRICA	30/9	IC
1520	7485g	RTE	UK	28/9	IC
1543-1559	17555g	Radio Rhino Int	AFRICA	6/9	#JB#
1700	7315	V of Russia	RUSSIA	14/9	RFK
1700-1734	9580e	RNZI	NEW ZEALAND	12/9	RFK
1800	7350g	V of Russia	RUSSIA	15/9	RFK
1813-1830	11630g	VOV	VIETNAM	14/9	RFK

1901	13590g	D/Welle	GERMANY	21/9	RFK
1905	9580g	RNZI	NEW ZEALAND	22/9	AMQ
1915	6025p	R Budapest	HUNGARY	17/9	KAB
1915	6195f	BBC WS	UK	15/9	KAB
1915	7410f	AIR	INDIA	17/9	KAB
1929	7130g	AWR	SLOVAKIA?	14/9	RFK
1929	13690g	RVI	BELGUIM	15/9	RFK
1930	5970g	Bible Voice BC	AUSTRALIA	7/9	AJS
1930	6065f	R Sweden	SWEDEN	15/9	KAB
1957	11980g	KSDA	GUAM	2/9	RFK
2028-2030	6095g	VOA	USA	16/9	KAB
2030	7240g:9500:9580:9815:12080R	Australia	AUSTRALIA	26/9	PWO
2030	11905g	R Tashkent	UZBEKISTAN	1/9	RFK
2032	7445p	RFPI	COSTA RICA	16/9	KAB
2035	6185g	RAI	ITALY	16/9	KAB
2046	9329.7(LSB)f	WBCQ	USA	26/9	PWO
2115	13760g	Radio Pyongyang	NORTH KOREA	9/9	IC
2123-2130	12080f	R Australia	AUSTRALIA	3/9	KVB
2130	11980f	KSDA	GUAM	26/9	PWO
2130	13580f	R Prague	CZECH REP	26/9	PWO
2145	9705g:15185	VOA	USA	26/9	PWO
2153-2245	6285p	WNKR	PIRATE(Euro)	13/9	#JB#
2200	9475g	WWCR	USA	10/9	IC
2200	9675f	NBC	PNG	13/9	AJS
2200	11760g	VOA	USA	5/9	IC
2215	11920f	RCI	CANADA	17/9	ABD
2245-2330	17595g	WEWN	USA	24/9	RFK
2259	15600f	RTI	TAIWAN	3/10	ABD





NEW ZEALAND/AUSTRALIA:

Update on the RNZI Transmitter - The RNZI short-wave transmitter has been off-air since Saturday 30 August. Spare parts are still awaited from overseas and we are unable to say when we will be operational again. See *Breaking News* page 17

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

We have continued to broadcast on the Internet (www.rnzi.com) Additionally, since 8 September we have been leasing just over four hours of time on one of Radio Australia's transmitters to broadcast the RNZI breakfast session each morning - on 9580 kHz. We will continue to do this until we are back on air. It appears likely that a lightning strike caused a series of major faults in the transmitter. Replacement parts have been ordered and are now on their way to New Zealand.

RNZI is on air with a much reduced short-wave service -

RNZI leases time on Radio Australia.

Listen on on **frequency 9580 kHz** at these times -:

Sunday from 1900-2115 UTC , [Monday 0700-0915 NZST]

Monday to Thursday 1700- 2115 UTC , [Tuesday-Friday 0500-0915 NZST]

Friday 1700-2015 UTC [Saturday 0500-0815 NZST]

The following are notes by Glenn Hauser for his WORLD OF RADIO 1200, via DX Listening Digest of Adrian Sainsbury on RNZI Mailbox Sept 22)

On the Mailbox Adrian Sainsbury said:

We hope and pray to be back on air by Oct 1, when replacement parts arrive from Switzerland. Contractors BCL (?) have been working steadily on the problem. Lightning strike was cause of a series of faults. Lightning protector device on the transmitter housing appears to have failed, allowing lightning to cause considerable damage to the transmitter. Attempted to repair the transmitter to allow it to run on low power, but this did not work. Spare parts are very expensive; have an enormous supply on hand, but as a result of the number of faults caused by the lightning, took out a lot of parts for which there were not spares. Had to shop around for the needed parts at the best price, considering current exchange rates, etc.

Longer term options: a silver lining. Plans for a new digital SW transmitter in a couple of years. Hope that as a result of this, government will make it possible to buy that sooner

rather than later, but still about a year away. Also it may be possible to enter into an agreement for R. Australia to help us in the future if needed.

Positive side is that in future RNZI can provide a more reliable service.

Unusual that lightning hit the building, rather than the highest point, the towers, where hits are usual. First major hit since the site was opened in 1990



RADIO NEW ZEALAND INTERNATIONAL
TE REO IRIRANGI O AOTEAROA, O TE MOANA-NUI-A-KIWA

P O Box 123, Wellington, New Zealand
Phone: +(64 4) 4741 437 Facsimile +(64 4) 4741 433
E-mail address: info@rnzi.com
Web Address: www.rnzi.com

FREQUENCY SCHEDULE

26 October 2003 – 28 March 2004

UTC	kHz	Metre Band	Azimuth	Primary Target
0400 - 0759	15340	19	0'	All Pacific, also heard Europe, and mid-west USA
0800 - 1059	11675	25	0'	All Pacific, also heard mid-west USA
1100 - 1259	15530	19	325'	NW Pacific, Bougainville, Timor, Asia
1300 - 1650	6095	49	0'	All Pacific
1651 - 1750	6095	49	35'	NE Pacific, Fiji, Samoa, Cook Islands
1751 - 1850	11980	25	35'	NE Pacific, Fiji, Kiribati, Samoa, Cook Islands
1851 - 2237	15265	19	0'	All Pacific, also heard in Europe
2238 - 0358	17675	16	0'	All Pacific, also heard on the USA west coast

Please note that when RNZI do resume normal transmission it will be a 24 hour service.

As of today there is no news re transmitter, they hope the remaining spare parts will arrive this week.

AUSTRALIA:

HCJB Australia have announced a frequency change effective Sept. 15th. 15420 at 0100 in Urdu and 0130 in English is replaced by 15555 to avoid problems to RA 15415 transmission to Indonesia.(GRDXC.)

AUSTRALIA:

HCJB Australia Broadcast Schedule (A03 from 5 October 2003)

English Language Broadcasts

To the South Pacific (coverage Eastern Australia, New Zealand, South Pacific Islands)

Morning Release (1800 - 2000 UTC):

11765kHz from Kununurra (KNX) 50kW, 120 degree azimuth

Evening Release (0730 - 1130 UTC):

11750kHz from Kununurra (KNX) 50kW, 120 degree azimuth

To South Asia (coverage Indian Subcontinent, Indonesia)

Morning Release (0130 - 0330 UTC):

15555kHz from Kununurra (KNX) 75kW, 307 degree azimuth

Evening Release (1230 - 1700 UTC):

15390kHz from Kununurra (KNX) 75kW, 307 degree azimuth

Urdu Language Broadcasts

To South Asia (coverage Indian Subcontinent)

Morning Release (0100 - 0130 UTC):

15555kHz from Kununurra (KNX) 75kW, 307 degree azimuth

Evening Release (1700 - 1730 UTC):

15405kHz from Kununurra (KNX) 75kW, 307 degree azimuth

Dave Yetman , Broadcast Engineer, HCJB Australia

ENGLAND:

Radio Ndeke Luka via Woofferton on 15545 kHz

Thanks for a nice tip, Edward Kusalik in Cumbre DX. I tuned to 15545 on 28 Sep at 1900 and found Radio Ndeke Luka with good signal. Program start was a bit late, but after some difficulties they got it started. French IDs mentioning FM 100.8 and SW 15545. (According Edward this is via Woofferton, UK. Radio Ndeke Luka operates in Central African Republic and was once known as Radio MINURCA. (Jari Savolainen Kuusankoski)

LITHUANIA:

Radio Ezra is pleased to announce a new series of weekly broadcasts commencing on Sunday 30th November 2003. The broadcasts will be targeted towards Europe, North Africa and the Middle East in the 41 meter band on 7560 kHz between 19:00 and 19:30 UTC via the Sitkunai transmitter in Lithuania.

Radio Ezra is the Radio Voice of the World Karaites Movement and the first and only counter missionary radio station in the world. Reception reports are very welcome and a QSL certificate will be issued to any correct reports. Due to limited funding there is unfortunately no PO Box contact and reception reports can only be sent by either fax or e-mail, details of which will be read out on air and may also be found on the station's website.

To commemorate Radio Ezra's new image and purpose, ten special QSL cards will be issued to the first ten reception reports received. Thank you. John D. Hill (Station Owner)

Radio Ezra <http://www.radioezra.com> World Karaites Movement

<http://www.kataites.info>

SOMALIA:

The following interesting information was sent to me in an email from Sam Voron in Somalia. I'd like to share it with you all. 73 from Bjorn Fransson on the island of Gotland, Sweden
Hi Bjorn,

I have been in Garowe the last 2 days to talk with the President of Puntland, Abdulai Yusef during his short stay before he returns to the Somalia Government creation talks in Kenya. I also met the Minister of Information and Telecommunications about Somalia using the human resources in the country to operate a world wide shortwave service which would help bring the country together using all the news sources that have developed around the country.

Such an International radio would also give a voice to Africa and to the positive aspect of Islam and to developing nations. The Minister of Information and Telecommunications will approach USA, EU, Russian and other representatives to build such a facility in peaceful Puntland to get on air immediately and which can be expanded into the 4th world wide broadcaster after BBC, VOA and Radio Moscow. Sam Voron via HCDX

UGANDA:

New radio station broadcasting to Uganda

Kampala newspaper *The Monitor* has published more details of the new radio station Radio Rhino International-Africa (RRIA). The station's director Godfrey Elum Ayoo, a Ugandan political activist living in exile, told the newspaper that the station, based in Berlin, will be launched on August 16 [sic. Actually September 16] by former President Milton Obote and Col. Kizza Besigye, a losing presidential candidate in 2001. The two will host a one-hour show talking about politics and the need to redirect the democratisation process in Uganda.

RRIA will broadcast in English on 17555 kHz at 1500-1530 UTC Tues-Fri and 1500-1600 at weekends. There will be no broadcast on Mondays. Ayoo said that RRIA "is a declaration of an airwave campaign in the liberation, protection and promotion of the freedoms of expressions and the rights to information by the press, mass media and the people of Uganda." He said the radio would cover news on current events, politics, economy, health, education, culture and environment. © Radio Netherlands Media Network.

U.S.A.

WJIE/WJCR back on 13595 kHz

After some technical difficulties, WJIE is back on the air.

"Right now we are broadcasting on a terminated rhombic at 155 degrees pointed towards South America", says Morgan Freeman, WJIE ministry representative. WJIE, having bought former WJCR, at the moment are broadcasting on 13595 kHz. "We will soon be broadcasting on 7490 kHz as well", adds Morgan Freeman.

Last time WJIE/WJCR was on the air regularly was in April this year from their twin shortwave transmitter located in Upton, Kentucky, USA. At that time they had also been struggling with technical problems for half a year.

The station will issue special WJCR QSL cards to all sending reception reports on their present broadcasting to Latin America on 13595 kHz.

"We will do that before we change the call letters [to WJIE] for ever", says Morgan Freeman. (HCDX)

ZIMBABWE:

SW Radio Africa changes frequency on 26 October

London-based SW Radio Africa, which broadcasts on shortwave to Zimbabwe daily at 1600-1900 UTC, advises that from 26 October it will be using its "summer" frequency of 6145 kHz instead of the current 4880 kHz. The station uses a transmitter in South Africa.

© Radio Netherlands Media Network.

LATIN CORNER.

MEXICO.

Mexican shortwave scene.

Radio UNAM is not transmitting on shortwave. In past months they did many tests, and they improved their signal a lot, but still with very low power, until they finally burned out a tube. They are waiting on a replacement (rebuilt?) to be able to continue with their test transmissions. Radio UNAM – particularly the engineers – have always had an interest in continuing to transmit on shortwave, but they don't have sufficient resources to get a new transmitter.

XERTA has had a lack of economic resources, so much that the owner has sold it to a religious organization. XERTA built its own transmitter, which never worked very well. They have never gotten all the parts they need to be able to continue transmitting. For the moment they only have a web page where you can hear their "religious" programming online. Besides, this station does not have an official license to broadcast on the frequency they have used (4810) from the Ministry of Communications and Transportation.

Candela FM, 6105, has been transmitting this year. The last time I heard them was about three months ago with a very good signal in the mornings. The station says it has continued to broadcast.

* Future SW station. Radio Tapachula from Tapachula, Chiapas, has obtained permission to broadcast on the frequency of 6120 kHz with the call letters XETS-OC. They hope to begin transmissions in about 2 or 3 months. (We understand that Radio Tapachula used to use this frequency back in the 1940's.)

As far as Radio Insurgente, I have no news of any DXer having heard the station. On August 8th they said they had not begun broadcasting because the government wouldn't permit it, and locally with loudspeakers their programming and messages could be heard. As far as I'm concerned, in those three days (Aug. 8, 9, 10, 2003) there were no broadcasts on 5800 or any nearby frequencies. Hector Garcla Bojorge (original in Spanish, translation by Jeff White)

PERU:

Onda Imperial back on 5055.19 kHz

Radio Onda Imperial, Cusco, Peru, heard on 5055.19 kHz.

Swedish DXer Bjorn Malm, living in Quito, Ecuador, reports hearing this station on 25 September 2003 at 0135 UTC. He adds the reason for this new transmission might be qualification games to the upcoming World Championship in football (soccer). Several clear "Radio Onda Imperial" ID was heard, though the signals were weak. The station is listed in the World Radio TV Handbook on 5056 kHz, though not heard before. (HCDX)

FEATURED FREQUENCY.

This month it is **9645kHz**. How many of these are you able to hear and identify?

Time.	Station .	Country .	Days.	Lang..	Power.	Site.
0300-0400	Vatican Radio Vatican	1234567	AR/RU	100 S.	Maria di Galeria	
0455-0530	Vatican Radio Vatican	1234567	AB	100 S.	Maria di Galeria	
0555-0630	Vatican Radio Vatican	1234567	SC	100 S.	Maria di Galeria	
0630-0700	Vatican Radio Vatican	1234567	LITURGY	100 S.	Maria di Galeria	
0700-0800	Vatican Radio Vatican	234567	VAR.	LANG.	100 S.	Maria di Galeria
0700-0830	Vatican Radio Vatican	1	LITURGY	100 S.	Maria di Galeria	
1050-1130	Vatican Radio Vatican	1	LITURGY	250 S.	Maria di Galeria	
1100-1400	VOA - Voice of America	Thailand	1234567	Unknown	250	Udorn
1255-1330	Vatican Radio Vatican	1234567	IT	250 S.	Maria di Galeria	
1355-1430	Vatican Radio Vatican	1234567	SP/PR	250 S.	Maria di Galeria	
1400-1500	VOA - Voice of America	Philippines	1234567	Unknown	250	Tinang 1
1455-1530	Vatican Radio Vatican	1234567	GE/PO	250 S.	Maria di Galeria	
1500-1800	VOA - Voice of America	Sri Lanka	1234567	Unknown	500	Iranawila
1530-1730	Vatican Radio Vatican	1234567	VAR.	LANG.	100 S.	Maria di Galeria
1730-2030	China Radio International	China	1234567	Unknown	500	Kunming
1940-2020	Vatican Radio Vatican	1234567	SC/AL	100 S.	Maria di Galeria	
2020-2050	Vatican Radio Vatican	245	VAR.	LANG.	100 S.	Maria di Galeria
2100-2300	VOA - Voice of America	Morocco	1234567	Unknown	250	Morocco
2200-0030	Emirate Broadcasting Corporation	United Arab Emirates	1234567	Unknown	500	Dhabayya
2300-1300	China Radio International	China	1234567	Unknown	100	Beijing



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

Update on the RNZI Transmitter

The RNZI short-wave transmitter has been off-air since Saturday 30 August.

**Spare parts have arrived and we are back on the air as of 0500 UTC
16 October.**

**The transmitter is still under test but we hope our service has now
returned to normal.**

RNZI is still leasing time on Radio Australia.

shortwave.mailbag@radiodx.com

Compiled by Laurie Boyer , Invercargill

Hope you are all feeling as if spring is in the air although it hasn't been too impressive down here so far. I did manage to catch the IRRS shortwave test on the morning of Saturday the 4th October and emailed that away. Got a response on the 6th to say QSL's will be sent out shortly.

First up this Month is **Ron Killick Christchurch** With Deutsche Welle Trincomalee 9780, Kigali 9700, Sines 11925, AWR-KSDA 11750, CRI 17690, ADDX special 3965 and HCJB Kununurra 15420. Don't know ADDX all I have listed on 3965 is Radio France International.

Rich D'Angelo Wyomissing PA is next with veries in from FEBA via Moosbrunn Austria 9465, Radio Itatiaia Brazil 5970, InfoRadio Germany 7265, AFN Puerto Rico 5446.5, TWA Swaziland 3240 and a couple of Pirates The voice of Captain Ron 6925 usb, Radio Cochiguaz 11430. Thank you Rich.

Paul Aronsen Wallacetown Has them in from AFRTS Guam 5765 RFPI 7450, BBC 3255, Radio Sonder Grense 3320 both were via Sentech. Keep on plugging away Paul.

Now for **Ian Cattermole Blenheim** Who has Radio Liberty via DTK 12140, CRI 15100, Overcomer 9595, Voice of Turkey 5980, 15545, 11750, 7215, RDP 15445, KTWR 11765, SRI 15515, Bible Voice 17540, 5945, 11805, 6010, Radio Sawa Morocco 15725, HCJB Australia 15555, Radio Veritas 17830, Radio San Gabriel 6080, Deutsche Welle Moscow 15720, RTBF 21565. Have a Great trip Ian

Arthur De Maine Kakanui Has logged a couple but nothing back.

Andrew Sunde Ohai With one back VOA Thailand 9840

Ray Crawford Forestdale Queensland With Radio Alvorada 2460, Radio Autentica 5975, Family Radio via Taiwan 6300, Tashkent 9715, AFRTS Pearl Harbour 10320. Yes all OK here thanks Ray. Yourself?

Laurie Boyer Invercargill A few in all sent email. Radio Sawa Greece 9855, 11910, 9695, Morocco 11680, 15725, Wooferton 6180, HCJB Australia 15555 [First report on this frequency] Radio Japan 17825, Taiwan 15320, Voice of Russia 11510, 9480, 17635, 17690, 15455, Deutsche Welle Trincomalee 15110, 17820, 9780, Wertachtal 9825, 13590, 15275, Irkutsk 9900, Kigali 17860, Trincomalee 17715, Bible Voice 13710.

Lindsay Robinson, Invercargill Just the one with VOA Thailand 7125

Best of Month over 9MHz Radio Sawa Morocco 15725 Ian Cattermole and Laurie Boyer
Best of Month Under 9MHz Radio Sonder Grense South Africa 3320 Paul Aronsen

Please if you want to enter a verie for the best of month give its power in your notes.

Thanks Laurie



Hi all, well, the warmer weather is upon us and October can be the start of good pirate activity, particularly from Europe in the 0600 — 0700 time slot, around 6.2 — 6.3MHz and 7.45 — 7.5MHz, especially Sunday evenings our time.

Arthur de Maine, Kakanui, Finally got a QSL from Crazy Wave Radio 6275 KHz heard at Waianakarua. Included history of the station. The QSL card shows the power as 18 watts.

Frank Glen, Christchurch, verifies Radio Spaceman 6296 from a trip to Waianakarua, "Great hand written letter from the Dutch pirate plus veri card and postcard with sheet of transmission and philosophical details. Power of transmitter given as 1KW

Jerry Berg, Lexington, MA, reports details of a recent QSLs

CLANDESTINE (Uganda). 17555, R. Rhino Intl Africa (via DTK), two-day E-mail reply for E-mail rpt including RealAudio clip. Sent 3 pg. personal ltr on RRIA ltrhead as Word attachment. V/S Godfrey Ayoo, who first got the idea for RRIA three yrs. ago. He is 41 yrs. old, married with two kids, and considers himself a Ugandan exile, living in Cologne for 4-1/2 yrs. Comments at length about the situation in Uganda, and suggests checking out www.radiorhino.org, www.upcparty.net and www.dpuganda.org for more on the topic. Does not indicate his exact position with RRIA, but appears to be in charge. Says he will also reply to me by postal mail. Interesting. Rptd to mail@radiorhino.org, reply rcvd from flok15@intertech.de (Berg-MA)

CLANDESTINE (Vietnam). 15775, Chan Troi Moi (prgm), card with "CTM" and antenna on front, full-data (sans site) on back. Address on card is same that I used: Correspondence Section, Radio CTM, P.O. Box 48, Nishi Yodogawa, Osaka 555, Japan; but card was mailed from Sacramento, Calif. In 5 mos. for CD rpt. (Berg-MA)

PIRATE (Euro). 6285, WNKR, UK pirate, E-mail reply in 5 days for E-mail rpt with RealAudio attachment. Attached to their E-mail was nice blue-red-black, full-data Word QSL letter, plus blue-black-green "QSL" graphic which I printed out on gummed stock and used as a sticker. Says 20 watts into half-wave dipole, 10 m. above ground, prgms recorded onto CD in mp3 format and repeated throughout Saturday evening to Monday morning in order to give people in different parts of the world a chance to hear them. Since beginning of 2003, with 20 watts, they have been hrd in all continents except S.Am. UK phone number is 0795-100-5294, E-mail WNKR@ROCK.COM or WNKR@37.COM, and they use E-mail only, no postal mail. E-mail "V/S" Dave Martin. (Berg-MA)

Thanks to the guys at www.clandestineradio.com, via the CRW newsletter, here are some skeds:

ERITREA

V.O.Dem.Eritrea via DTK. 1500-1559 5925 Sat only. 1700-1759 9820 Mon Thu only. (K.Hashimoto-J Sep 28, 2003 for CRW)

ETHIOPIA

R. Xoriyo (R Freedom) via DTK. 1630-1659 9820 Tue Fri only. (K.Hashimoto-J Sep 28, 2003 for CRW)

Rainbow R. via DTK. 0900-0959 6180 Sat only. 1900-1959 11840 Fri only (K.Hashimoto-J Sep 28, 2003 for CRW)

V.O.Dem.Path of Ethiopian Unity via DTK. 0700-0759 17655 Sun only. 1830-1929 7220 Wed only. (K.Hashimoto-J Sep 28, 2003 for CRW)

V.O.Ethiopian Salvation via DTK. 1600-1659 9820 Sun Thu only. (K.Hashimoto-J Sep 28, 2003 for CRW)

V.O.Oromo Liberation via DTK. 1700-1759 9820 Sun Tue Wed Fri only. (K.Hashimoto-J Sep 28, 2003 for CRW)

KURDISTAN

Two main leaders of Kurdish people in Northern Iraq are M.Barzani and J. Talabani. Their parties "Patriotic Union of Kurdistan" and "Democratic Front of Kurdistan" broadcast now as OFFICIAL radios, not clandestines anymore, as "Voice of the People of Kurdistan" 4023 kHz Ku/Ar s-off at 1658 UT, and "Voice of Iraqi Kurdistan" 4085 kHz, Ku/Ar close down time is different, varies from day to day, like 1825 UT on Saturdays. (R.Pankov-BUL Sep 14, 2003 in BC-DX 639)

LAOS

Hmong Lao radio, ULM, in Laotian normally on 17540 via Tashkent-UZB, has now additional test via Taiwan 15555 kHz. 0100-0200 UTC. (Sept 7)

Hmong Lao Radio 0100-0200 17540 TAC-UZB. Add : 302 University Avenue, West, St. Paul, MN 55103, USA. Reply from P. O. Box 6426, St. Paul, MN 55106, USA. v/s Shoua Cha, Chairman. (12070-A03 TAC). (? Sep 7, 2003 in BCDX 637)

SOMALIA

Radio Galkayo. Hello, Try to hear our new frequency 7.335 MHz. We use 800 Watts from 7.15am till 10.30am local time. 0415 UTC to 0730 UTC. 100 Watts from 1 to 3.30 am local time. 1000 to 1230 UTC because our generator is faulty and there is no town electricity in our afternoon. We are back on 800 Watts from 7 pm to 8.55 pm local. 1600 to 1755 UTC. These short wave transmissions are also broadcast on 89.6 MHz fm. Regards, Sam Voron at Radio Galkayo, 700km north of Mogadishu. (S.Voron-SOM Sep 9, 2003 for CRW)

UGANDA

[BDXC-UK] R Rhino Intl - 17555 : Thanks to tip from Chris Greenway in Nairobi (who heard the station yesterday 5 Sep at 1500 UTC on 17555), just heard sign-on of R Rhino Intl at 1500 UTC Sat 6 Sep on 17555 kHz (via Juelich) in English, targeting Uganda. Broadcast announced as a trial with official launch "middle of September" (16 or 17 Sept according to website). Fair signal here - but best on lsb to avoid splatter from strong Chinese (Voice Intl?) on 17560.

Chris reported: A new Ugandan opposition station is now on the air at 1500 on 17555! It is called Radio Rhino International-Africa. I was tipped off to it by an article in a Ugandan newspaper yesterday. Heard here in Nairobi yesterday (5 September) with excellent signals. It announced that the current broadcasts were a "trial" and that regular programming would be launched in mid-September.

The broadcast gave telephone and fax numbers in Germany (+49) and they also announced their web site - www.radiorhino.org - which I have checked and which says that the tests only began on 3rd September..... and that regular broadcasts will start on 16th September. However, the web site gets in a muddle with the times, which it says are 1800 GMT in winter and 1700 GMT in winter. Obviously 1800 means Ugandan time, not GMT, and it means that the broadcasts are aired at 4 p.m. German local time. Very confusing for listeners in Uganda who understandably know little or nothing of European summer/winter time!

Apart from that detail, I think the schedule fits in with a mystery entry in the DTK schedule which was highlighted in DXLD recently, right down to being daily except Mondays. So, it's coming from Juelich.

Regards, Chris

[According to Deutsche Telekom schedule in Wolfgang's Bueschel BCDX No. 636, 3 Sep, schedule is:

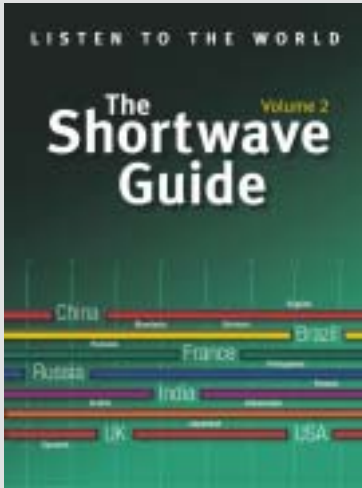
17555 1500-1530 Tues-Fri JUL 100 AWH*

17555 1500-1559 Sat-Sun JUL 100 AWH*

* = AWH Allerweltshaus Koeln e.V. which is mentioned as the c/o address for R Rhino on the website Chris mentioned above.] (A.Pennington-G Sep 6, 2003 in BDXC-UK-ML via DXplorer-ML)



NEW BOOKS



Shortwave Guide 2003

This new guide is available now. It neatly summarises who is on which frequency using graphs. Coloured displays indicate the languages in use. The book is current for the schedules in recent use by international and national domestic shortwave broadcasters. Price is **NZ\$65** including courier or postage to any address in New Zealand and postage in Australia. (Australian residents' paying by personal cheque the price is A\$57.50). Discounts are available to qualifying customers — see below for details.



Passport to World Band Radio 2004

The world's largest-selling shortwave reference is currently being printed and will be available in New Zealand in November. The price has increased for the first time in 9 years, so unfortunately we have been forced to increase our price to **NZ\$75** including courier or postage to any address in New Zealand, or postage to any address in Australia. (Note there is no A\$ price for this book). 592 pages of up to date information on the shortwave bands

Discounts

As usual we wish to support the radio listening organisations, and we do this by giving bona fide members of the following clubs 20% discount on the prices listed above: New Zealand Radio DX League; New Zealand DX Radio Association; EDXP; Australian Radio DX Club; New Zealand Association of Radio Transmitters.

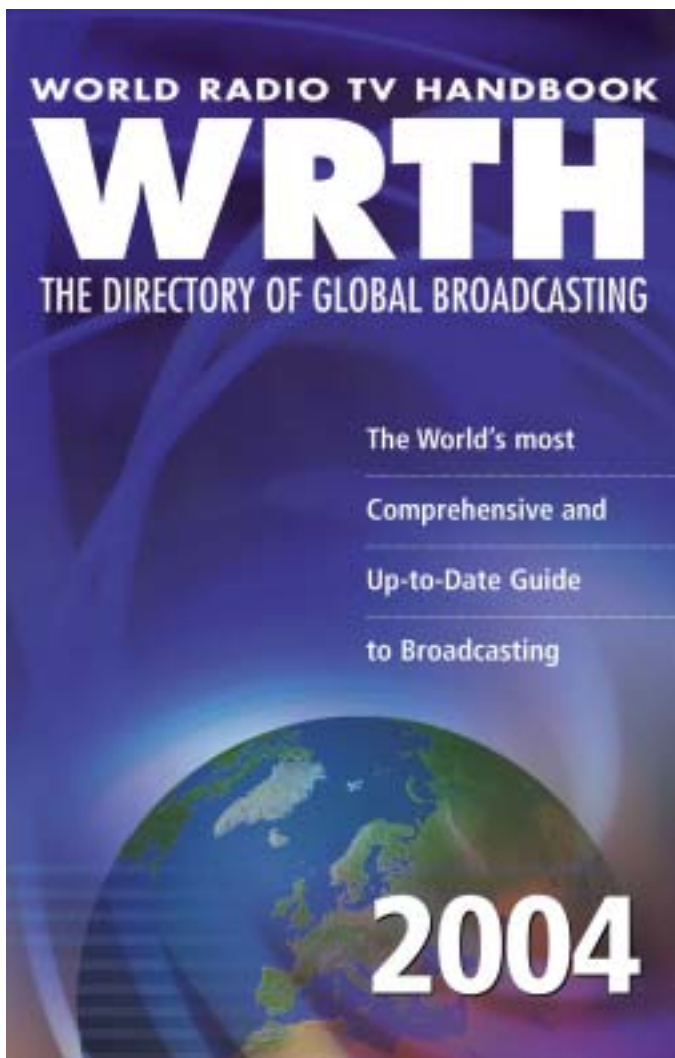
Orders close:

Shortwave Guide orders will be taken till stock runs out.

Passport to World Band Radio orders must be received to ensure delivery by **31 October 2003**.

World Radio TV Handbook orders must be received by **30 November 2003**.

Orders received after this date may not be able to be filled at these prices.



World Radio TV Handbook 2004

The guide for the serious listener or broadcast professional. Considerable resources have been devoted to gathering the most up-to-date information on mediumwave, shortwave and FM broadcasts and broadcasters available in any one publication. 688 pages also include feature articles on: Setting up a receiving station; Antennas; World Radio Conference 2003 update; the latest equipment reviews; fully updated maps; and propagation predictions.

This publication has also increased its cover price for the first time in a decade and so our price will be **NZ\$90** including delivery in New Zealand and Australia. The Australian price for personal cheques is **A\$80**.

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Orderform

Post to:

Burnet Pollard Books
 PO Box 6343
 Upper Riccarton
 Christchurch,
 New Zealand

Quantity	Title	Amount
	Total	

Select payment option:

I enclose my cheque or cash for NZ \$ _____.
 (Australian cheques: multiply total by 0.8).

I wish to pay by: VISA MASTERCARD (Circle one).
 the amount of: NZ\$ ____.

Card number:

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Valid from __/__/__ to __/__/__.

Name on Card (**print**) _____

Signed:



Aeronautical news.

Coming towards the end of its flying life a Concorde, travelling from New York to London landed at Cardiff, Wales having had an engine surge during flight causing the jet to reduce altitude thus using more fuel. (BBC News)

Bodo, in Norway, is on the northernmost air route from North America to Europe and its Oceanic Control Centre can be found on 8891, 11279, amongst other frequencies. So far we have not had a logging of this ground station. The temperature at Bodo at 0300 UTC on 21 September was 6 degrees ! with a windchill of 1 degree. (Bodo, Norway, forecast)

Steve Fossett, waiting at Omarama for an attempt at the world glider altitude record ended his second season recently when the mountain wave wind they needed to start their altitude flight didn't eventuate. He thinks that the polar vortex will be overhead at Omarama in June 2004 when he will return for another attempt. Fossett has many records to his name but this would seem to be the ultimate still remaining. (NZ Herald)

- 5643 1822 Brisbane/N 1540 ISTEM 1846 FL 450 RAFTA 1848 BEADS next. MJ
- 5643 1824 Brisbane/QF 6723 OLREL 1820 FL 300 MAGDA 1924 MAYOP next
SC JKDR. MJ
- 5643 1908 Brisbane/Malaysian 201 Request climb FL 350 MJ
- 5643 0815 Nadi/Air Van 11 Posn Estimate VILA 0950. EM
- 5643 2208 Kiwi 318/Auckland Climb to and maintain FL 360, Repeat 360. RS
- 5643 2300 Kiwi 107/Auckland. At SELKA contact Auckland Control 123.9. RS
- 5643 1014 Auckland/Cathay 107 D. EM
- 5643 1021 Eva 396/Manila. EM
- 5643 0949 Auckland/Freedom 193. FL 350 At LALET contact ChCh on 123.7. EM
- 5687 1330 Seasprite 05 (unheard) working Air Force Auckland. Ops normal. Will
call again in 30 mins. NJ
- 5687 2005 Auckland/Iroquois 3804. Airborne Whenuapai 0805 for Ohakea
via Hamilton. Request open SAR watch estimating Hamilton 0845.
Calling ops normal and in 30 mins over. NJ
- 5687 1915 Air Force Anzac calling Air Force Sydney for radio check. NJ
- 6535 0544 Ascot 3220/Dakar Continue on 6673. MJ
- 6617 1830 Rostov Volmet MJ
- 6628 0528 Red Comet 972/Santa Maria Climb to and maintain FL 340 to be level
by 30 W MJ (Air Comet Spain)
- 6637 1018 Houston/Big A San Jose to Costa Rica MROC (Juan Santa Maria Intl)
0651/07 ? 0948/09 Estimate MPTO (Panama) 1100 Pallets positioned
onboard SC KMDF. †MJ
- 6637 1132 Japan 745 calling Hong Kong radio No answer. MJ
- 6640 1013 Despatch via San Francisco radio/World Airways 8401 Is NSTU (PagoPago)
going to be open for our arrival Notams say no Can we query this ? MJ

6649 0843 Lima/Unid. Possibly Chilean. EM
 6655 0901 San Francisco/American 128. EM
 6676 0903 Sydney Volmet. Brisbane, Perth, Darwin Wx. EM
 6754 1923 Trenton Military Volmet with Wx for for Gander, Halifax, Shearwater, Ottawa. NJ
 8825 0543 Santa Maria/Springbok 211. 23 35 N, 0325W, 25 N 040 W next. MJ
 8825 0839 New York/Springbok 211. 30 N 055 W 0836 , FL 360 31 N 060 W 0908MJ
 8867 0434 Auckland/Kiwi 877 Estimate 30 DS 180 E at 0536 MJ
 8867 0436 Nadi/World Airways 970 TABAR 0433 FL 350 LTO (Noumea) next. MK
 8867 0157 Lan Chile 800/Auckland Primary 8867 Secondary 5643 On datalink SC OK
 8867 1006 Reach 5E1/Auckland At SELKA contact Auckland Control 123.9. RS
 8867 0956 QF 26/San Francisco Contact Tahiti this frequency. RS
 8867 0917 Brisbane/Qantas 49. EM
 8867 0922 Nadi/AirVan 1. EM
 8867 1022 NZ 1 calling Tahiti. RS
 8867 0915 NZ 133/Auckland Preflight check. B747-400 Auckland-Brisbane. NJ
 8867 0327 Auckland/Kiwi 967 Ops normal 0325 Vacating Mil Area 5A Request traffic for Mil Area 3A. MJ
 8867 0329 Brisbane/Envoy 610 Cleared Melbourne FL 310 Level change enroute Request SC LPFG MJ
 8867 0330 Nadi/Reach 3E1 DOLSI 0326 DUNAK 0408 SC BJDR. MJ
 8903 0952 Singapore 33/Manila. EM
 8867 1915 Emirates 411/Brisbane FL 380 SC AJKS. NJ
 8879 0416 Air France 905 calling Tripoli No answer. MJ
 8879 0549 Gander calling Speedbird 1502 No answer. MJ
 8891 0720 Arctic Radio/Speedbird 84Cleared EGLL (London) 60 N ? W MJ
 8891 0724 Arctic Radio/Air Canada 54 Cleared EGLL (London via 70 N 060 W, 70 N 050 W, 69 N 040 W, 67 N 020 W, 64 N 020 W FL 350 Mach decimal 80. MJ
 8891 0724 Arctic Radio/Aeroflot 324 FL 370 65 N 060 W next At 73 W call MONTY (Mont-Laurier) on 132.8. MJ
 8906 0906 New York/Reach 081Y 41 N 055 W 0901 FL 340, 40 N 060 W 0935. MJ
 8906 0906 Santa Maria/US 6525. EM
 8906 0908 Iberia 66/Santa Maria. Secondary 5616. EM
 8939 1829 Rostov Volmet. MJ
 8974 1415 Air Force Sydney calling Kiwi 981 (unheard) Confirm 43 Ops. NJ
 8974 2030 Aussie 199 working Air Force Townsville Request relay to Air Force Darwin ops normal and requesting close watch. NJ
 8992 1842 Andrews AFB with EAM. MJ
 9007 0434 Air Force Sydney de VXR on 9007 K. MJ
 9007 0435 VXR de Air Force Sydney Radio check. MJ
 9007 0436 VXR de Air Force Standby PP Qantas Medlink. VXR en route Perth to Sydney currently East of Adelaide with sick patient. MJ
 9007 0449 Air Force Sydney/VXR PP terminated. MJ
 10051 0813 New York/Volmet. Wx for Baltimore, Washington. EM

10072	0528	Air Pacific/Air Pacific 900 with TAF for Nausori. MJ†
11175	0814	All stations All stations this is Offut Offut break DT2G5H. NJ
11175	0835	All stations All stations this is Offut Offut break WBSSQW. NJ
11175	0843	All stations All stations this is Offut Offut break WBM5EL. NJ
11235	1738	Hudson 602 (HS 748)/Air Force Townsville Clear to close watch. NJ
11235	1442	Air Force Sydney/Atlas 515 (unheard) NJ
11244	1720	RQPW2R from Elmendorf. NJ
11300	0355	Khartoum/MKA 122 FL 310 GS (Goma) 0442. MJ (MK Air Cargo)
13261	1722	NZ 10 (B767-300)/San Francisco FL 370 DAVID at 0621 next DIANA. NJ
13261	1644	Brisbane/Cathay 108 (Auckland- Hong Kong) DUBAB at 0320 FL 320 SC CJDH (A 430-300) NJ
13261	1644	San Francisco/Air Canada 034 (Sydney-Honolulu-Vancouver) FL 370 Fuel 31.4 Request FL 390 SC PRHJ (C-FYKX A 340-313X). NJ

Contributors

MJ Mike Jackson, Feilding, Lowe 235 and 5.6/8.8 dipole
NJ Noel Jones, Auckland, NRD 535, DSP-599zx, T2FD
RS Richard Stanley, Auckland, Lowe 150/PR 150, T2FD
EM Evan Murray, Auckland, Kenwood 5000, T2FD





Hutt Valley Micro FM

Youth radio "Da Rage", on 88.7 MHz, located at the Wainuiomata Community Centre, came on air in September. *(Doug Ingham, Lower Hutt)*

Niu FM in Southland

Niu FM was heard here on 103.6 MHz from early September (first noted 6 Sep) with a strong signal coming from Invercargill, and the slogan "The Beat of the Pacific". *(Andrew Sunde, Ohai, Southland)*

Arguments begin as soon as new music channel does

New Zealand's latest television channel - the all-music C4 - went to air last night amid a dispute over who actually owns the idea for the new station. Owner CanWest, which also runs TV3, was served legal papers yesterday. The action is being taken by a former musician who claims the company ripped off the format he had come up with. Deane Sutherland, founder of 1980s band Satellite Spies, says he met CanWest management to discuss a free-to-air music channel. After the meeting, in March this year, Mr Sutherland says he was told a music channel was "not the future of TV4". Mr Sutherland, who says he had been asked to meet TV4 management and discuss the plans with his company Satellite Music TV Ltd, said watching the launch last night had confirmed his fears. "We supplied an extremely detailed plan and forecast, but they said TV4 was not interested in a music channel," Mr Sutherland said. "Seeing the show and the commercials gives us a very strong case. As the channel was launched at 6.30pm last night, C4 bosses insisted they would fight the case. *(NZ Herald 4 October)*

Jobs go as Indian station bows to FM rule change

The Government's refusal to go back on a surprise frequency rule change spells the end for a Henderson-based Indian language radio station with the loss of 20 jobs. Apna FM chief executive Shyam Karan said staff were paid their final pay last week, but some continued to work voluntarily. The station will shut at the end of today because it cannot operate effectively under the terms of the new low-power FM licence. "I see no way of continuing," he said. Mr Karan started Apna FM in June last year on 107.1MHz under the previous low-power FM general user licence, which allowed broadcasters to use frequencies set aside as guard bands. Each transmitter covers a diameter of about 3km, so Apna slowly built up a network of transmitters covering Indian population centres in Greater Auckland. The signal was also broadcast on Sky and rebroadcast in other centres. The new licence, which comes into force tomorrow, restricts broadcasters to one transmitter within a 25km radius, meaning Apna will be unable to reach most of its potential audience. Communications Minister Paul Swain said he supported the ministry's handling of the case. "Apna must comply with the changes signalled earlier this year, which apply to everybody," he said. "These are guard bands for low-power local broadcasting, and were never meant to be a proxy for individual licences." *(NZ Herald 30 September)*

Mai FM Northland Launches

Mai FM launch its third youth music station — this time in Northland. Mai Media Managing Director Graham Pryor says the company hopes to duplicate the success of Mai FM in both Auckland and Rotorua with the addition of the third frequency in Whangarei. Although branded as Mai FM, each station broadcasts its own unique programme. Like the other Mai FMs, the station will play “the latest and greatest in hip hop, R&B, dance and pop music — both local and international — and is committed to the promotion of Maori language and culture.” “Ngati Whatua had a dream to create a radio station which embraced multi-cultural Auckland and sent a message to all people to stand proud and look forward to their future,” (*Median Strip 25 September*)

Listeners tuning out

Radio New Zealand’s National Radio and Concert FM have lost listeners. A nationwide audience survey conducted by Research International from late last May to early July shows National Radio dropped from 503,000 listeners aged 15 and older in an average week in 2002 to 494,700 listeners in an average week this year. Concert FM listeners declined from 150,000 last year to 137,400 this year. The survey, designed to measure the company’s compliance with Radio NZ charter obligations, showed that one in five New Zealanders, more than half a million people, aged 15 and older, tune in to National Radio or Concert FM in an average week. (*Otago Daily Times 17 September via Steven Greenyer*)

Sky to launch three new channels

SKY Television has announced that it will launch UKTV, The History Channel and Disney Channel before the end of the year on Start-up, SKY Digital’s basic package.

UKTV will combine the best programming from top British broadcasters: the BBC, Fremantle International and Granada, specifically programmed for a New Zealand audience. The channel will launch on November 1 on SKY digital channel 4 and will offer subscribers a mix of award winning, contemporary and classic UK drama, comedy, variety and mini series programming.

The History Channel will launch on December 1 on SKY digital channel 53 and will be New Zealand’s first television channel dedicated to history 24 hours a day, 7 days a week. It will bring the power and passion of the past to life with critically acclaimed documentaries and entertainment specials.

Disney Channel, a market leader in family television will launch on December 24 and will broadcast 24 hours a day, 7 days a week on SKY digital channel 40. The channel will provide quality entertainment that can be enjoyed by the whole family. It features a wide array of animation series, sitcoms, dramas, and live action features including a favourite of New Zealand audiences, The Wonderful World of Disney.

Along with these additions Hallmark and CNBC Australia will no longer be broadcast on the SKY digital network. SKY Television has been advised that Hallmark Channel is no longer available in its current format so it will cease broadcast in New Zealand on October 27. CNBC has received too little viewership to warrant a contract renewal and therefore will cease broadcasting in New Zealand on November 30. (*Sky TV 19 September*)

Sky Television creates special channel for L’Oreal New Zealand Fashion Week
Fashion shows from L’Oreal New Zealand Fashion Week will broadcast LIVE across

the country on SKY Television on a channel specially created for this event, SKY Digital 9, from Monday October 20. SKY Television's digital technology will allow New Zealanders to enjoy all the action from the country's pre-eminent fashion extravaganza LIVE from the Auckland Town Hall for the first time on television from Monday, October 20 to Thursday, October 23 starting at 11:30am each day. *(Sky TV 23 September)*

broadcast.dx@radiodx.com
broadcast.news@radiodx.com

Compiled by **Tony King, Greytown**



BROADCAST DX and BROADCAST NEWS with Tony King, Greytown

Slim pickings this month I'm afraid and hopefully by the time you read this, reception will have picked up and you can reward me with some mail or email ! Since "last season" there's been a moveable feast on X band and this month we have an up to date list.

Out of the MAILBOX:

STU FORSYTH, Darfield says "I decided to try again with some of my reports and I have had e-mail veries back from the following:

5RN Adelaide 729 and 5RN Renmark 1305 from July 02; 3NE Wangaratta 1566 from April 02; 3EE Melbourne Magic 693 from May 02; 3AW Melbourne 1278 from July 02; Easy Listening 531 (ex 2MC) and 2HC 639 from July 02

The internet is indeed a wonderful thing!

RAY CRAWFORD, Forestdale, Queensland reports just one logging that of 4DB 1620.

Veries in from WSCR 670, KBLA 1580, KDDZ 1690, KSXX 1690 and KSFG 1690 (ex KSXX) Ace 990 and Hauraki 1017 and 1125.

Haven't been listening too much but conditions seem to be improving so might be lucky to hear a bit more.

SUTTON BURTENSHAW in Hamilton has only one report this month, 2XP 701.

Veries in from 2YA 567, R Sport 693, with ppcs from 1XPI 531, 4KQ 693 and an email from R Hauraki 1017 after a email follow up to

MarkWoods@radionetwork.co.nz

DX NEWS (with thanks to IRCA DX Monitor)

Updated PAL

The updated Pacific Asian Log is now in its fifth edition, It lists some 3800 medium and long wave broadcast stations throughout Asia and the Pacific. This latest version includes many changes up through August 2003. As with previous editions, it is free of charge, and can be downloaded as a pdf file sorted by location or frequency. You can find it at

<http://www.qsl.net/n7ecj> My thanks to everyone who has sent updates for this latest edition. Comments, additions and corrections are always welcome, and can only add to the completeness and accuracy of the list. (Grateful thanks to Bruce Portzer, Seattle WA)

X band Info

1690 KFSG CA, Roseville has sent QSL form with KSXX blanked out and KFSG added in 183d. V/S: Len Harris-CE. Address: 3463 Ramona Avenue, Ste 15, Sacramento CA 95826 (Patrick Martin, Oregon, IRCA DXM)

Verie Signer, Beverley Meyers, Ops Mgr; 79A Castle Coakley, Christiansted, St Croix, U.S. Virgin Islands. Phone number from NZ is 00 1340 719 1620.

Verie signer for 1690 KFSG is Len Harris, CE; 3463 Ramona Avenue, Suite 15, Sacramento CA 95826 USA



U.S. X-BAND AT A GLANCE OCTOBER 2003

COMPILED BY TONY KING, GREYTOWN, NEW ZEALAND

1610	CJWI	Montreal QUE	FF Caribbean music.
1620	WBUB	Atmore AL	Yet to be heard in US
	WDND	South Bend IN	ESPN Radio 1620
	KOZN	Bellevue NE	ESPN Sport ."The Zone"
	WTAW	College Station TX	'Newstalk 16-20 WTAW' CBS Nx
	KBLI	Blackfoot ID	SS "Radio Fiesta"
	KYIZ	Renton WA	Urban/R & B; hip hop
	KSMH	West Sacramento, CA	Rel. "Catholic Radio KSMH"
	KFHx	Fountain Hills AZ	Variety. Pre 70's Mx. "KFHX Fountain Hills,Arizona"
	WDHP	Frederikstad, US Virgins	BBC WS to 0900. ID at :59
1630	KCJJ	Iowa City IA	Hot AC /Classic Rock
	KKWY	Fox Farm WY	C&W AP nx " K-W-Y"
	KNAX	Ft Worth/Dallas TX	SS. Radio Vida/ Radio Dos Mil Dos. EE ID :58
	WTEL	Augusta GA	'Newstalk 1630 WTEL' x WRDW
1640	WKSH	Sussex WI	Disney
	KDZR	Lake Oswego OR	Disney
	KDIA	Vallejo CA	Talk/religious/life issues
	WTNI	Biloxi MS	"Talk Radio 1640 WTNI Biloxi" ABC News on hr. II
	KMKZ	Enid OK	Due on Sept. Chisholm Trail B'cstg. Format ?
	KBJA	Sandy UT	SS/Radio Unica EE ID on hour
1650	WHKT	Portsmouth VA	"AM1650 WHKT Portsmouth, Radio Disney"
	KDNZ	Cedar Falls IA	Talk/ Sport "The Talk Station"//KCNCZ
	KWHN	Fort Smith AR	'Newstalk 1650 KWHN'
	KBJD	Denver CO	Talk. "KNUS-2"
	KFOX	Torrance CA	Korean/ EE ID on hour
1660	KTIQ	Merced CA	Sporting News Network 'The Ticket'
	WWRU	Elizabeth NJ	PP & SS Radio Unica/R. Portugal. 10kw .
	WCNZ	Marco Is FL	'Newsradio 1660' AP nx.
	WQSN	Kalamazoo MI	Sports/talk ESPN
	KRZX	Waco TX	"Newstalk KRZX" (off 0600 UTC)
	KQWB	West Fargo ND	Standards "Star 1660 is KQWB AM' CNN news
	KXOL	Brigham City UT	"Oldies Radio" (60's rock)
	KXTR	Kansas City KS	'Classical 1660'
	WGIT	Canovanas PRico	SS oldies "El Gigante"
1670	WRNC	Warner Robins GA	Urban Gospel "1670 The Light"
	WTDY	Madison WI	Sports/Talk. "Talk Radio 1670"
	KHPY	Moreno Valley, CA	Radio Catolica SS (nites) s/off 0800 UTC. EE s/off.
	KNRO	Redding CA	"Redding's ESPN Radio 1670 KNRO'
1680	WTTM	Princeton NJ	Ethnic – South Asian
	WLAA	Winter Garden FL	SS "Alma Latina" x WTIR
	WDSS	Ada MI	Disney x WJNZ
	KAVT	Fresno CA	Disney/SS
	KTFH	Seattle WA	"The Bridge, AM 16-80 KTFH Seattle' Ethnic off 0
	KRJO	Monroe LA	Gospel. "Rejoice 1680"
1690	KDDZ	Arvada CO	Disney
	KFSG	Roseville CA	SS rel. and Asian. EE ID on hr
	WPTX	Lexington Park	"Newstalk 1690 WPTX" CNN News
1700	WJCC	Miami Springs FL	SS/Rel/"Radio Luz"
	WEUV	Huntsville AL	Black Gospel. 1kw
	KTBK	Sherman TX	Sporting News Radio "Sports Radio 1310 KTCK."
	KBGG	Des Moines IA	'The new AM 1700 KBGG". CNN
	KQXX	Brownsville TX	'Oldies Radio 1700 AM'

adcom.news@radiodx.com

Compiled by Bryan Clark, Auckland



WELCOME TO NEW MEMBERS this month — **GORDON MATHIESON**, 40 Claremont Avenue, Paeroa, and **WALTER W. TUKKANEN**, P.O. Box 254, Koza, Okinawa 904-0021, Japan. Gordon rejoins our ranks after a break of 7 years. Walter is thought to be our first Okinawan member, though we have 4 other members in the main Japanese islands. Welcome gentlemen — we look forward to reading of your listening experiences in future editions of the DX Times magazine.

2003 AGM† The League's 55th Annual General Meeting is confirmed for Sunday 2 November in Auckland at 2.00pm. Venue will be the Western Suburbs Radio Club's clubrooms at 3000 Great North Road, New Lynn. Comment from branches and individual members on the below remits need to be received by our National Secretary **EVAN MURRAY** at P.O. Box 3011, Auckland, email varrisian@paradise.net.nz no later than Tuesday 28 October. Members from out-of-Auckland intending to be at the AGM should also let Evan know of their intention.

AGM REMIT 1/2003 - SUBSCRIPTION INCREASE FOR OVERSEAS MEMBERS In recognition of increased international postal rates dating back to 2002 and the continuing strength of the NZ dollar against major international currencies, the Administrative Committee (Adcom) has submitted the following remit for consideration at the 2003 AGM:

Effective for new or renewing overseas members from 2 November 2003, subscription rates to be increased to:

Australia/Pacific Islands: AU\$45.00 (increase of AU\$10)

Rest of World: US\$33.00 (increase of US\$3)

These rates would apply to subscribers receiving the monthly magazine as a hardcopy by airmail.

Subscriptions for the electronic edition delivered by email remain unchanged at AU\$20 or US\$10 respectively.

AGM REMIT 2/2003 has come from the Auckland Branch: **MIKE BUTLER's** Propagation Surveys Research Papers are submitted to the custody of the NZ Radio DX League, and the branch requests they be held in safe keeping for reference by League members, and others interested in researching radio propagation. The research papers were donated to the Auckland Branch by Mike Butler and contain his monitoring records, which began in the 1960s. It was Mike's original wish that the Auckland Branch be custodian and the papers be made available to interested persons. There needs to be discussion on what format these papers be kept in, for ease of availability.

THANK YOU to those members who renewed promptly and qualified for the 'early renewal prize draw'. Winner of the prize book from Burnet Pollard Books this year was **STEPHEN PRICE** of Napier.

THE TRIALS OF SUBURBIA From Nelson, recently relocated member **BILL GARTON** writes that his move into his present QTH has been disastrous in respect to QRN, due to the adjacent 11,000 KVA power lines and TVI. So he has exchanged his Kenwood R5000 receiver for a Yaesu VX-7R transceiver that also has coverage of SW and AM bands. 89 AM/SW stations are pre-programmed by country and there are also 281 VHF marine memory channels, plus much more! However the QRN et al still remains so Bill says he will have to go mobile to a remote country area with a piece of longwire or an insulated fence line! Thanks for your kind comments re the magazine and club Bill, and hoping you find that noise free location that so many of us yearn for nowadays.

DX PROGRAMMES We'll probably never recapture the halcyon days of the latter half of the 20th century when shortwave hobbyists and DXers had regular dedicated programming from many international broadcasters. But our colleagues at the Japan Short Wave Club have just begun broadcasts to offer DX-related information from overseas broadcasters as follows. According to JSWC and DX League member **TOSHIMICHI OHTAKE**, short DX†segments under the title "Far Eastern DX Report" or "Asian DX News" are being aired on Adventist World Radio's "Wavescan" programme (usually on the first Sunday of the month), and on HCJB World Radio's "DX Partyline" on the 4th Saturday of the month. Best times for Australasian reception will be the following Tuesday 0830UTC on 11750kHz (via Kununurra, Australia), and via WWCR Nashville Tennessee on Saturday 0900-0930UTC on 5070kHz, Tuesday 0930-1000 on 9475kHz and Thursday 2000-2030UTC on 15825kHz. Special QSL cards are offered for reception reports on these programmes sent to Japan Short Wave Club, P.O.Box 29, Sendai Central 980-8691 JAPAN. Please enclose 1 IRC or a one dollar US banknote. E-mail: jswchq@hotmail.com

WAY DOWN SOUTH the 'Southland DX Digest' newsletter of the League's Southland Branch is now in its 67th year of publication, making it one of the longest running regular DX hobby bulletins. The latest edition notes that Meridian Energy is proposing to build a back-up 155 megawatt diesel-powered generator costing \$150 million at Tiwai, and hopes to have it up and running by July 2004. The plant may only be used in periods of low hydro-generation but could well have implications for the League's famous DX listening site on the Tiwai Peninsula. As digest editor **PAUL ARONSEN** says, "time will tell, watch this space."

BOX 3011 TAKES A HOLIDAY Your scribe will be visiting Europe for most of the month of October. During the month there will be limited clearances of mail from the League's post office box. Thank you for your patience. Ciao!





AUCKLAND

The 28 September meeting had 9 present at the Clubrooms.

The **Western Suburbs Radio Club (WSRC)'s 2003 annual junk sale** will be on Saturday 1 November at the ***Rosebank Primary* School Hall**, 217 Rosebank Road, Avondale, open to the public between 9 AM and 12 PM Noon. It is a brand new hall and there is plenty of parking space available.

Mike Butler gave a classroom style 1-hour talk on interpreting his propagation survey documents by aid of a 9-page handout for all to follow.

A DXpedition to Waipu Cove occurred on Fri-Sun 3-5 October with 7 people attending, enjoying the comforts of the 2-story batch overlooking Bream Bay and the Hen & Chicken Group of islands & Little+Great Barrier Islands. DX was superb on the Saturday with many countries heard on Medium Wave and Shortwave!

Yuri Muzyka believes he IDed Radio France International on 25820 kHz in English at 1209 UTC (just before Daylight Savings began). The signal was Fair with deep fades and heavy noise, fading considerably to Poor around 1225 UTC. An impressive range of receivers were set up on two big tables upstairs including

David Crozier's rack mount type Racal, John West's Icom+Kenwood, Phil van de Paverd's Icom+Kenwood, Malcolm Holmes' receivers, plus Jim, Daniel and Yuri's.

THERE WILL BE NO MEETING IN THE MONTH OF OCTOBER 2003. The October 2003 **meeting** has been moved to combine with the **League's national AGM** on Sunday 2nd November 2003 at the New Lynn, Auckland Clubrooms at 2 PM.

The **November 2003 Branch general meeting** will tentatively be at the Clubrooms, 3000 Great North Road, New Lynn, just past Whau Creek, on Sunday November 30th at 2 PM.

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

SOUTHLAND

Our September meeting was held at Tiwai and apart from the normal Dx subjects being talked about, there was also talk from Eric about "Wire Falling off the back of a truck !! " and winding Litz wire with an egg beater !!. The branch has decided to replace one of the batteries at TY as it's now 10 years old and is failing badly. Several Members from around New Zealand have contributed towards the retention of the house at Tiwai along with a very generous donation from Martin Hadlow. A listening session followed with several stations being logged. The next meeting of the Branch will be on Tuesday 28th October.

WELLINGTON

Wellington Branch. Next meeting will be on Sunday, November 9 at 1.45pm. Lounge on 4th floor, Te Papa National Museum in Wellington. Report on League AGM, ideas for February meeting and guest speaker program for 2004 and any other things members want to talk about. All members in Wellington, Kapiti Coast/Levin and Wairarapa welcome. President: Ted Hopgood email eddyhopy@hyper.net.nz T: 04 586 2486.

marketsquare - members free advertisements

FOR SALE

Japan Radio Co Ltd NRD-515 communications receiver, external speaker and NCM-515 Controller. Instruction, Service and Controller Manuals. S Meter light not going, some scratches on side of receiver otherwise works well. \$525.00 ONO.
Contact Arthur De Maine (03) 439-5882 or e-mail abd@paradise.net.nz

HELP WANTED

Member David Searle has a JRC NRD-515 receiver and Sherwood Engineering SE3 PLL Audio Enhancer.

He notes many references in the SW literature that this combination, when connected to a suitable external speaker, can achieve exceptional audio clarity.

Could members recommend, via this column, a suitable external speaker David should consider purchasing.

In a similar vein, which domestic AM/FM receivers under say \$100 have members found to be both sensitive and have exceptional audio quality?

From NZRDXL member Jerry Berg, 38 Eastern Avenue, Lexington, MA 02421, USA

NEW HISTORY MATERIAL AT <http://www.ontheshortwaves.com>

Under "CPRV," some new SWBC QSLs for the "CPRV Gallery." From Burma, Burma State Broadcasting Service, 1941. From Japan: WLKS, the British occupation station, 1948; WVTR, U.S. Armed Forces Radio Network, 1948; Far East Network, 1953; NHK-Nazaki, 1957; and a QSL for a special NSB shortwave simulcast from Hawaiian station KZOO in 1978. And from Vietnam, Philco station Boy Landry, 1937; and two QSLs from Radio France Asie, one from 1952 and one from 1953. These are from the collections of Eugene Allen, August Balbi, Frank Bellington, Paul Kary, and Frank Peters.

Spark to Voice, Early WOI Radio

Compiled by
Bill Smith W5USM
Texas USA

The year was 1911. An Iowa State College physics professor fondly known as "Dad" Hoffman became interested in the new medium "wireless." Hoffman thought radio might have a future and that the college should begin experimentation.

Professor Hoffman approached college administrators requesting money to build a "wireless station" on campus. The rotary spark-gap transmitter and receiving equipment was assembled in 1912, mostly of hand made and the then few available commercial parts. Most likely the station was operated during the forepart of 1912 to a limited extent, unlicensed, as was common practice of the era.

On August 13, 1912, Iowa State College received a United States Department of Commerce Land Station License bearing assigned call letters "9YI," The station operated as an amateur, or ham radio station, through personalized two-way communication with other similar stations as far as several hundred miles distance.

Through 1913 station 9YI remained on-air. The highly recognizable 240-cycle tone note of 9YI's synchronous spark gap transmitter became well known to ham radio operators throughout the Midwest. The frequency was near 375 meters.

In 1914 the station came under control of the college Electrical Engineering Department directed by Professor F. A. Fish. He maintained 9YI as a highly efficient station, an educational tool for a half-dozen years transmitting weather, farm products and market reports as well as amateur radio communications. In the fall of 1915 Iowa State College demonstrated their wireless expertise at the Iowa State Fair in Des Moines.

Soon after KDKA*, generally accredited as Americas first "broadcast" station, went on-air November 2, 1920, in Pittsburgh, Pennsylvania broadcasting in voice Harding-Cox presidential election returns. Professor Fish first heard a voice radio transmission and Iowa State College began seriously investigating broadcast radio.

Iowa State College was paying due heed to KDKA developments which were proving the possibilities of and the future for "broadcast" radio. Determined to construct a broadcast station, the college's Electrical Engineering Department chose Massachusetts Institution of Technology graduate Harmon B. Deal to supervise the project. Construction of the transmitter, designed for 50 watts power, began in early 1921 by engineering students Andrew G. (Andy) Woolfries and Eugene Fritschel, both radio amateurs, at the Engineering Annex.

A multiple-wire aerial was strung between the building and the college water tower, but this presented a hazard. The water tower was the only metal structure on campus and lightning vulnerable. To minimize danger to the transmitter and staff the station went off-air during storms. The aerial was connected directly to earth ground. At least one engineer refused to return to work during inclement weather following a lightning bolt mishap.

In early 1921 50 watts was considered a "super-power outfit," but by October, the transmitter design was changed to an even more powerful 100 watts as the constructors learned by doing. The "Big Outfit" was completed and tested the evening of November 21, 1921, on a wavelength of 375 meters. Andy Woolfries, using a carbon element microphone, spoke the first words over 9YI thus becoming "chief announcer." The first program was one hour of concert music. We shall visit Woolfries' distinguished history at WOI later.

That first evening on-air 9YI with Woolfries had two-way voice communication with stations in Pennsylvania, Fort Worth, Texas and Denver, Colorado's Fort Simmons General Hospital.

The 100-watt radiotelephone transmitter, technically described by the engineering staff as "a constant current system of modulation of alternating current filament lighting and 1500 volt plate potential," was constructed at a cost of \$1396.

Station 9YI initially broadcast only a few hours a week. Each broadcast began with playing Bacchanal from the Tales of Hoffmann. This was done so that listeners could locate the signal of 9YI amongst the clamor of other stations. After an appropriate length of time, either Woolfries or Fritschel would read weather reports and a few market figures, then sign 9YI off the air. Chancy Hoover, a young Iowa State electrical engineering student and amateur radio operator, recalled later when he joined the WOI radio staff, "You had to search around for 9YI because of interference from other stations, most ham, but Ames always played the Bacchanal so you knew you had the right station."

9YI's broadcast operation was not nearly as smooth as it may seem. Government rules of the time required all news and entertainment content to be transmitted upon 833.3 kilocycles (360 meters) and all government reports, e.g., weather information, to be transmitted at 618 kilocycles (485 meters). This regulation, imposed upon all American broadcast stations, forced both the radio station and the listener to change frequencies from 360 to 475 meters and back to 360 meters during the course of single broadcast. Fortunately this regulation was short-lived.

In May 1922 Iowa State College hosted and the Campus Radio Club 9YI sponsored the first statewide radio convention and short course. Over 500 radio operators from across the Iowa attended. The annual conventions continued through at least 1925.

A month earlier, on April 28, 1922, Iowa State College received its official broadcast station license with the call sign WOI and assigned an 800-kilocycle frequency assignment. WOI began immediate broadcasting. As true in many discussions of early broadcasting,

there is conjecture of how the call sign became WOI, but it appears it was a random selection by the United States Department of Commerce. The original license has not been seen for many years, presumably forever lost.

While the WOI engineering staff performed marvelous feats constructing superior equipment and coverage area, the purpose of WOI was its broadcast program content. The station had outgrown its original function as an engineering school experiment.

The 100-watt transmitter soon proved inadequate to cover the whole of the intended fledgling Iowa radio audience. A 500-watt transmitter was built and placed into operation during December 1923. This new transmitter, too, was considered the "last word" in equipment and power. The 500 watts gave 'fair' coverage of central Iowa and under favorable conditions, the state.

Expansion within WOI brought 1924 demand for additional physical space. It was commandeered from adjacent users in the same building. Improvements included new wooden furniture and the hanging of large, heavy velvet drapes to deaden unwanted studio sound. The drapes remained until the studios were moved in 1939 although reportedly tattered. In late 1924 another 500-watt transmitter, having the capability of 750 watts with government approval was built by WOI engineering staff. Permission was granted in August 1925.

The new 750-watt transmitter was built at a cost of \$3402. General Electric had asked \$18,000 for a similar transmitter they would build. Inasmuch as Iowa State's president received a \$10,000 salary in 1924, it seemed imprudent to spend nearly double for a commercially built transmitter.

In January 1925 WOI was reassigned to an operating frequency of 1110 kilocycles by the Department of Commerce. Shared with 13 other stations and therefore interference laden, 1110 proved detrimental to the station's geographical coverage.

To offset the lost of coverage area, ISC graduate student Ralph Knouf, who had been employed by General Electric, was contracted to build a 5,000 watt transmitter. It went into operation in January 1927. Once again WOI boasted one of the most powerful and technically advanced transmitters in the United States. The new transmitter featured automatic crystal-controlled frequency in use by only eight other broadcast stations.

June 1927 brought yet another frequency assignment, 1130 kilocycles, which proved interference plagued by stations on nearby frequencies. Similar problems were developing throughout the country as more broadcast stations came on the air.

A general nationwide US Government change of broadcast frequency assignments came in 1928 implementing directives of the Radio Act of 1927. This was most welcomed at WOI. Ames was assigned a shared frequency of 560 kilocycles with KFEQ, St. Joseph, Missouri for daylight broadcasting. WOI had to reduce power to 3,500 watts, but that power level at

560 proved vastly superior coverage to any previous frequency. WOI and KFEG operated without difficulty on 560 kilocycles, although out of KFEG's commercial necessity and their need of a full-time license, WOI moved frequency once again.

In November 1929, WOI was licensed for daylight hours at 5,000 watts on present day 640 kilocycles. The frequency was also used full-time by commercial stations KFI, Los Angeles, and WAIU, Columbus, Ohio, but caused no problem with WOI's daytime broadcast schedule.

The Iowa State College administration mandated that "WOI exists for the primary purpose of making available to the state of Iowa (by radio) services of the College. Therefore, the station should stand for education, information and such entertainment as will be recognized as Iowa State programs." In July 1922 scheduled daily weather reports were broadcast, one of the first American stations to do so on the exclusive 485-meter wavelength. Market reports were hand copied in code over-the-air from NAJ, a government station near Chicago, and rebroadcast. Come fall 1922 WOI broadcast its first ever college football game with the announcer sitting upon a high wood fence, holding his microphone. Coe College (of Cedar Rapids, Iowa) beat Iowa State 24 - 0.

WOI was reorganized in 1925 funded from the college's agricultural extension service, engineering extension service and the general college fund. Professor D. B. Faber, director of the engineering extension service, was put in charge of WOI. Professor W. I. Griffith was named program director and Professor Fish was charged with technical operations. During 1925, WOI broadcast a total of 425 hours. The program schedule included short course lectures, weather forecasts, market reports, educational talks, chapel and music played from the famous Iowa State Campanile

Andy Woolfries began his popular program "The Music Shop" which is still aired today on WOI-FM. The program remains as one of the longest running radio programs in the United States. In 1925 the program aired between 7:30 and 8:50 AM and included Woolfries' comments about the composers and their works. Woolfries retired in 1941 after a distinguished engineering and broadcast career at Iowa State.

1926 was a banner year for WOI. Station organization was simplified and placed under Professor Griffith's supervision, a position he held for two decades. Griffith is credited with fostering positive notoriety for WOI's broadcast product. The United States Department of Agriculture installed its long-sought current crop and market news wire service in July ending the hand copied code reports from NAJ. This valuable information source coupled with expanded services from the college's educational, music and athletic programs found much favor with the station's growing audience.

WOI broadcast 1,228 hours in 1927 including the beginnings of four book club programs which were popular due to lack of rural libraries. WOI began a by-mail circulating library in 1930. The library operated as a nonprofit organization and was granted a special postal rate by the government. This service has highly used by rural Iowans. In 1931, WOI was selected Iowa's most popular radio station in a national magazine poll.

WOI remains today at 640 kiloHertz with 5,000 watts and a full-time license. WOI is affiliated with National Public Radio, a consortium of cooperating educational broadcast stations in the United States. WOI-FM began broadcasting July 1, 1949, with 100 kilowatts on 90.1 megacycles as an early Iowa FM station. WOI-FM remains as such today.

WOI-TV became Iowa's second broadcast licensed television station February 21, 1950 when it signed on channel 4. It was the country's first educationally owned television station that also broadcast commercial programming. WOI-TV exists today as a fully commercial station on channel 5 although no longer owned by now Iowa State University.

Dwight W. Smith
Sachse, Texas

**KDKA had its beginnings as land station, 8XK, built by Westinghouse engineer Frank Conrad. Westinghouse and Dr. Conrad were interested in radio as a means of marketing newly developed products, none other than \$10 radio receiving sets selling in a Pittsburgh department store.*

Author's Statement:

I gratefully acknowledge the permission of Donald T. Wirth allowing me to research WOI archives for information contained in this article. Mr. Wirth is WOI's Associate General Manager, Finance and Operations. The information was gleaned from newspaper clippings, albums, station memos, thesis papers and my previous knowledge of the subject matter. Any factual error in this article is my sole responsibility. This article is not copyrighted and may be republished as useful. – DWS. September 2003.



Continents Listing

Compiled by Andy McQueen, Brightwater

Welcome to the Continents Listings for October 2003.

The featured continent this month is **Central America**

BROADCAST

	ANZ	PAC	S AM	C AM	N AM	EUR	AFR	ASIA	CNT	TOTAL
LAURIE BOYER	504	112	5	58	2677	297	33	203	137	3889
RAY CRAWFORD	857	126	81	81	392	132	45	568	188	2281
PAUL ORMANDY	503	84	247	127	442	61	6	78	142	1548
SUTTON BURTENSHAW396	62	36	42	323	47	3	121	104	1030	
DAVID RICQUISH	469	90	6	22	194	8	0	46	66	835
BRYAN CLARK	174	76	48	55	233	34	8	46	120	674
BARRY WILLIAMS	202	84	5	20	251	25	8	68	83	648
MARK NICHOLLS	293	57	9	27	229	10	0	22	67	647
LINDSAY ROBINSON	300	40	19	20	118	7	0	34	56	538
PAUL ARONSEN	328	29	2	0	95	13	10	52	?	529
STU FORSYTH	396	24	1	5	52	84	0	9	44	571
ANDY Mc QUEEN	221	23	0	1	42	4	2	5	21	298
GUNTER JACOB	0	0	0	0	7	199	5	7	45	218
ANDREW SUNDE	22	0	0	0	0	0	0	0	2	22

SHORTWAVE

	ANZ	AN	PAC	S AM	C AM	N AM	EUR	AFR	ASIA	CNT	TOTAL
BARRY WILLIAMS	88	2	90	128	77	262	770	681	606	243	2703
GUNTER JACOB	210		85	152	113	217	1052	268	567	161	2664
RAY CRAWFORD	154	2	104	274	116	183	905	279	562	230	2579
JOHN DURHAM	111	2	83	142	108	209	876	229	484	265	2278
LAURIE BOYER	171	2	85	106	26	265	798	126	280	184	1859
PAUL ORMANDY	80	3	47	112	50	115	573	328	321	241	1629
BRYAN CLARK 1545		153	2	91	88	44	150	495	305	217	225
LINDSAY ROBINSON	89		83	118	177	177	493	106	341	171	1584
PAUL ARONSEN	46	2		37	37	85	306	76	146	?	735
ANDY Mc QUEEN	27		18	19	14	45	154	34	76	104	386
STU FORSYTH	34		16	19	15	14	174	28	67	106	367
ARTHUR DE MAINE	28		12	12	11	29	93	31	54	92	270
MARK NICHOLLS	33		9	7	4	10	23	5	31	55	122
ANDREW SUNDE	3		2	4	2	6	14	2	3	26	36

In our featured continent these are the stations rated the best by our contributors :

Ray Crawford ZBM1 Bermuda 1235 kHz 250 watts YSCF Ondas Orientales El Salvador 1155 kHz 1 kw - HIDA Radio Hit musical Dominican Rep 3385 600 watts Radio Zelaya Nicaragua 5955 kHz 1 kw David Ricquish R Caymans Caymans Islands 1555 kHz 10 kw SW TIHB R Capital San jose Costa Rica 4832 kHz 1 kw Gunter Jacob Radio Cultural TGNC 3300 kHz 10 kw Arthur De Maine 4VEH Haiti 4930 kHz La Voz de Nicaragua 6015 kHz Andy McQueen PJB Bonaire 800 kHz

The **NEXT FEATURED CONTINENT** will be **NORTH AMERICA** and as a suggestion your best station from there received in the last ten years.

Many thanks to all contributors and you can update your totals at any time by writing to me at 85 Waimea West Road Brightwater NELSON. New contributors are also welcome.

73's

Andy McQueen



MEDIUMWAVE OPEN (Over 500)	AUG	OCT	INC	CNTS	SHORTWAVE OPEN (Over 500)	AUG	OCT	INC	CNTS
Laurie Boyer	4006	4012	6	137	Ian Cattermole	4591	4706	115	200
Ray Crawford	2286	2299	13	188	Günter Jacob	2752	2821	69	161
Paul Ormandy	1556	1562	6	144	Barry Williams	2703			243
Sutton Burtenshaw	1015	1030	15	104	Ray Crawford	2582	2589	7	230
David Ricquish	829	835	6	66	John Durham	2249	2253	4	264
Bryan Clark	676			120	Laurie Boyer	1750	1868	118	183
Barry Williams	648			83	John Campbell	1672	1672	0	261
Mark Nicholls	643			67	Robert Park	1655			99
John Campbell	642	642	0	129	Paul Ormandy	1644	1648	4	245
Stuart Forsyth	562	572	10	44	Lindsay Robinson	1442	1443	1	171
Paul Aronsen	529	530	1		Bryan Clark	1355			236
Lindsay Robinson	524	524	0	56	Paul Aronsen	794	800	6	125
SENIOR (301 - 500)					Peter Grenfell	671			133
Peter Grenfell	443			37	SENIOR (301 - 500)				
INTERMEDIATE (151 - 300)					Andy McQueen	386			103
Andy McQueen	298			21	Stuart Forsyth	366	367	1	106
Frank Glen	257			21	INTERMEDIATE (151 - 300)				
Günter Jacob	240	253	13	45	Arthur de Maine	266	270	4	92
Robert Krijger	228			13	JUNIOR (5 - 150)				
JUNIOR (5 - 150)					Mark Nicholls	121			55
Robert Park	86			2	Frank Glen	70			49
Arthur De Maine	52	56	4	11	Andrew Sunde	44	46	2	32
Andrew Sunde	22			2	UTILITIES				
FM-TELEVISION					Ron Killick	61754			133
Robert Krijger	678			6	Robert Park	78			5
Bryan Clark	148			5	Günter Jacob	14			12
Paul Ormandy	110			5					
Mark Nicholls	42			2					
Andy McQueen	29			2					
Robert Park	19			1					

Stuart Forsyth

c/- NZRDXL, P.O.Box 3011, Auckland
 or direct to 8A Halkett St, Darfield 8172.
 E-mail: smforsyth@xtra.co.nz

It's October again! We've had sunshine, warm days and snow in Darfield. Four seasons in one week - fortunately I was in Auckland and missed it all.

Thanks to those who have contributed this month. Some good total increases - Sutton Burtenshaw has surged to the lead in the MW Open section, while Laurie Boyer has a very healthy increase in the SW Open.

Next contributions in December - don't forget - be in to win.

73s,
 Stu

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:

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