

N.Z. RADIO



LEAGUE

New Zealand DX Times

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New Zealand Radio DX League (est 1948)
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N.Z. RADIO



LEAGUE

မြန်မာ့ စောင်းကောက်
(Burmese Harp)



Radio Free Asia

Deadline for next issue is Wed 4th Aug 2010 . P.O. Box 39-596, Howick, Manukau 2145

CONTENTS

REGULAR COLUMNS

| | |
|------------------------------|-----------|
| Bandwatch Under 9 | 4 |
| with Ken Baird | |
| Bandwatch Over 9 | 9 |
| with Bryan Clark | |
| English in Time Order | 14 |
| with Yuri Muzyka | |
| Fcst SW Reception | 16 |
| Compiled by Mike Butler | |
| Shortwave Report | 17 |
| with Ian Cattermole | |
| Utilities | 21 |
| with Arthur De Maine | |
| FM News and DX | 23 |
| with Adam Claydon | |
| TV and Satellite News | 28 |
| with Adam Claydon | |
| Mailbag | 32 |
| with Mike Butler | |
| Marketsquare | 35 |
| Broadcast News | 36 |
| with Bryan Clark | |
| Branch News | 39 |
| with Chief Editor | |
| ADCOM News | 40 |
| with Bryan Clark | |

OTHER

| | |
|--------------------------|-----------|
| On the Shortwaves | 43 |
| by Jerry Berg | |
| Tiwai April 2010 | 41 |
| by Steven Greenyer | |

| | |
|--------------------------|-----------|
| ADVERTISEMENTS | |
| PK's Loop Aerials | 38 |

FRONT COVER

RADIO FREE ASIA ISSUES SECOND QSL CARD
IN SERIES JULY 2010 (See page 20
for more details)

POSSIBLE DELAY TO NEXT MONTHS MAGAZINE

Next months magazine may be slightly delayed as I have Court Jury Service in Wellington during the week I would normally do the magazine.

Plus I am probably going to be moving into a new flat. My landlady died and the estate is being wound up and I have been asked to move out.

Hopefully there won't be any disruption to my completing next months magazine. But if there is any delay these may be the reason.

Mark Nicholls
Chief Editor

CLOSING DATES FOR THE NEXT 3 MONTHS 2010

| | |
|------------------|--------------------------------|
| August | Wednesday 4th August |
| September | Wednesday 1st September |
| October | Wednesday 6th October |

**You can send your contributions to the
NZ Radio DX League at
PO Box 39-596
Howick
Manukau 2145**

**or use the email or postal addresses
given by the section sub-editors.**

ANNUAL GENERAL MEETING 2010

The Meeting will be held on October 31 2010 at 2pm at the Western Suburbs Radio Clubrooms at 3000 Great North Road, New Lynn, Auckland.

NOMINATIONS OF NATIONAL OFFICIALS

Nominations for the positions of Patron, National President, National Vice President, National Secretary, National Treasurer, Chief Editor, Public Relations/Publicity Officer and Competition Secretary are now called for. Nomination forms may be obtained on application to the Secretary. To be included in the proxy form to be published in the September issue of the DX Times, a correctly completed form must reach the Secretary by 1 September 2010.

REMITTS TO THE AGM 2010

Likewise if these are to be included in the above proxy form, these must reach the Secretary by 1 September 2010

Mark Nicholls
Chief Editor

editor@radiodx.com

or if there is any problem with that email address you can try email address

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NEW ZEALAND RADIO DX LEAGUE (Inc)

The New Zealand Radio DX League (Inc) is a non-profit organisation founded in 1948 with the main aim of promoting the hobby of Radio DXing.

The NZRDXL is administered from Auckland by NZRDXL AdCom, P.O. Box 39-596, Howick, Manukau 2145, NEW ZEALAND

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Annual Membership:

| | |
|---------------------------|-----------|
| Within New Zealand | NZ\$30.00 |
| Australia/Pacific Islands | A\$45.00 |
| Rest of World | US\$33.00 |

All Overseas members get airmail delivery.

An Electronic magazine is available in PDF Format for US\$10 or AUS\$20 for International members or NZ\$20 for local NZ members.

We are able to accept VISA or Mastercard for International members.

Contact Treasurer for more details.

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'Marketsquare' members advertising is FREE subject to available space.

Commercial rates on request.

BANDWATCH UNDER 9MHz

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Please add the date, language in full, and country of transmitter origin of your logging to your report, and keep the reception details short.

Please ensure the correct station is named in your logging as I have had several cases of incorrect station loggings of late. Please get a clear ID or show as tentative.

kHz UTC Country, Station, Programme, & Reception Details

- | | | |
|--------|------|--|
| 2310 | 1027 | AUSTRALIA, Alice Springs VL8A fair but noisy with pop music – DD 13/5 |
| 2368.5 | 0551 | AUSTRALIA Radio Symban reactivated fair with Greek music 25/6, thanks to John Durham tip. Many commercials, occasional idents, excellent signal overnight. BCM |
| 2368.5 | 1107 | AUSTRALIA, R Symban reactivated with crystal clear IDs and a good level, steady signal – JD 23/6 |
| 2485 | 1059 | AUSTRALIA, VL8K Katherine poor and very noisy with music – DD 3/6 |
| 3320 | 0447 | SOUTH AFRICA Sonder Grense poor in Afrikaans 18/6. Scheduled to 0500 here. BCM |
| 3340 | 0537 | HONDURAS Radio Misiones International poor strength with Christian music, extended SS ident 0548 30/6. Audible past 0930 UTC on 2/7 when some EE anncts hrd. BCM |
| 3350 | 0411 | COSTA RICA Radio Exterior de Espana relay good 18/6 with phone-in reports in SS // Spain on 5965 mixed, 6055 strong. BCM |
| 3905 | 1024 | PNG, R New Ireland poor and very noisy in Tok Pisin – DD 13/5 |
| 3925 | 1040 | JAPAN, R Nikkei good with music – DD 2/6 |
| 3945 | 1047 | VANUATU, R Vanuatu poor and very noisy in Bislama – DD 2/6 |
| 3945 | 1848 | VANUATU, R Vanuatu fair in Bislama with stn announcements.// 5055 the same, some QRN – CC 13/6 |
| 4319U | 2003 | DIEGO GARCIA, AFRTS, Fair in English nx re oil spill – KVB 7/6 |
| 4450 | 1018 | STH KOREA, KCBS fair but very noisy – DD 13/5 |
| 4747 | 1006 | PERU, R.Huanta Poor/Fair in Spanish & poss Quechua, lively format, local mx, ID 1035 – KVB 17/6 |
| 4750 | 1014 | CHINA, CNR-1 Nanning poor with much static, in Chinese – DD 13/5 |
| 4775 | 0405 | SWAZILAND TWR Manzini fair with religious prgm in EE 25/6, // 3200 also fair. At the same time other Africans just audible on 3255, 3320, 3345, 3380 & 3396! BCM |
| 4780 | 1940 | DJIBOUTI, Possible R Djibouti poor with male and female announcers in vernac – DD 23/5 |
| 4790 | 2027 | INDONESIA Radio Republik Indonesia, Fak Fak good on 4789.97m |

- with musical variety, full idents 2030. BCM
- 4815 1004 BRAZIL, R.Dif Londrina tentative, Poor in Portugese & mx – KVB 13/6
- 4820 2025 CHINA, Xizang PBS, Lhasa, Fair in Chinese, ezl mx – KVB 22/6
- 4828 2009 ZIMBABWE Voice of Zimbabwe, Harare weak with talk 30/6.
Sometimes audible around 0450 as well. BCM
- 4835 0741 AUSTRALIA, VL8A, Good in English comment re new PM – KVB 24/6
- 4837.2 1943 SIKKIM All India Radio Gangtok on extended schedule with World
Cup quarter-final commentary 2/7 in EE and Hindi, fair. Same prgm
audible on 4760, 4810 (strongest), 4910 & 5050 till fading out 2030. All
these freqs again audible 6/7 at 1900, though reception inferior to 2/7. BCM
- 4840 0412 USA, WWCR good in English with comment on Israeli attach on ships – KAB 4/6
- 4840 0955 USA, WWCR fair but noisy in English with commercials – DD 13/5
- 4885 0818 BRAZIL, R.Clube do Para, Poor in Portugese & mx, QRN –KVB 7/6
- 4885 1102 BRAZIL, R.Dif Acreana tentative Poor in Portugese & mx – KVB 14/6
- 4915 1005 BRAZIL, R Diff Macapa poor in Portuguese – DD 13/5
- 4930 0450 BOTSWANA. VOA. Poor in English. – IC 4/6
- 4976 2014 UGANDA Kampala poor but readable with report from World Cup in
South Africa 30/6. Also noted 1943 on 2/7 with World Cup commentary. BCM
- 4985 0952 BRAZIL, R.Brasil Central, Fair in Portugese, mx, ID jx 0959 – KVB 17/6
- 4985 1010 BRAZIL, R Central poor, very noisy in Portuguese – DD 13/5
- 5010 0403 MADAGASCAR Radio Madagascar in a rare long path appearance
18/6, poor with FF anncts & highlife music in USB mode. Other Afros
audible at this time on 4965, 4960 & 4780. BCM
- 5010 1938 MADAGASCAR, R.Nasionaly, Fair in pres Malagasy. Probably on
extended sked for FIFA World Cup; animated MA. Weak sig but good
modulation. Off air 2025 – 22/6 KVB
- 5020 1911 SOLOMON ISL, SIBC, Fair in English & Tok Pisin, relig prgm – KVB 7/6
- 5020 1930 SOLOMON IS, SIBC fair in English with news.Refs to Solomon IS.
SAurgingand scratchy – CC 4/6
- 5020 1933 SOLOMON IS, SIBC poor in Tok Pisin. Also 1100, 2/6, fair with news in
English – DD 23/5
- 5025 0416 CUBA, R Rebelde fair in Spanish with Latin music – KAB 4/6
- 5025 1013 CUBA, R.Rebelde, Fair in Spanish & mx, ID 1014 – KVB 3/6
- 5040 0942 CUBA, RHC, Fair in Spanish nx/comment. MA ID 0942 – KVB 5/6
- 5050 0418 CUBA, R Havana Cuba fair in Spanish with comment – KAB 4/6
- 5055 0959 VANUATU, R.Vanuatu, Fair in Bislama & local mx – KVB 3/6
- 5055 1033 VANUATU fair but noisy with music.13/5. Also 1917 fair with Music by
Request – DD 23/5
- 5810 0438 USA, WEWN v good in Spanish with relig prgm – KAB 24/6
- 5885 1747 VATICAN, Vatican Radio good in Hungarian with comment // 7250
the same – CC 17/6
- 5890 0447 USA, WWCR fair in English with ads for air conditioning, ID 0448, then
relig prgm – KAB 6/6
- 5890 0640 USA, WWCR good but noisy in English – DD 7/6
- 5915 0437 GERMANY, D Welle fair in Russian with comment, ID 0445 – KAB 6/6

- 5930 0238 SLOVAKIA, R Slovakia Intl good in Spanish with ID then talk // 9440 the same – CC 11/6
- 5935 0434 USA, WWCR broadcasting University Network, ID with address, good in English – KAB 6/6
- 5935 0705 USA, WWCR fair in English – DD 7/6
- 5970 0902 CUBA Radio Havana on extended schedule in EE 19/6, fair with EE news. BCM
- 5995 0828 AUSTRALIA, R Australia good with Sports News in English – DD 29/5
- 6005 2155 ASCENSION, BBC WS fair in English, off at 2200 – DD 24/5
- 6010 0457 MEXICO Radio Mil, Mexico DF with popular vocals on 6009.97m. Fair, best in LSB to avoid 6015 splatter. Ident in SS at 0501 and Mexican national anthem 6/7. BCM
- 6020 0420 CANADA, CRI fair in English with comment on education system – “Heartbeat”, then Movie Zone, CRI ID 0422, 0431 with e-mail address – KAB 6/6
- 6020 0440 CANADA. CRI via Sackville. VG in English.- IC 4/6
- 6025 0908 BOLIVIA Radio Patria Nueva fair but suffering from 6030 Marti splatter. Political speech in SS by or about President Morales 2/7. BCM
- 6040 1020 CANADA, CRI fair in English – DD 7/6
- 6075 1900 GERMANY, D Welle good in German with Sports Commentary – DD 23/5
- 6080 1906 AUSTRALIA, R Australia good in English with pop music – DD 23/5
- 6100 0330 CANADA. RCI. Testing with anns. in English and French. – IC 9/6
- 6134.8 0922 BOLIVIA Radio Santa Cruz vgd with domestic news in SS, but annoying het from 6135 suspected Brazil. Regular time checks & idents 2/7. BCM
- 6155 1911 CYPRUS, BBC WS good in English with live football – DD 23/5
- 6170 1104 NZ, RNZI good in English with Music by Request – DD 29/5
- 6185 0654 MEXICO XEEP Radio Educacion with modern classical music, full ident 0701 in SS. Good through apparent Brazil open carrier 30/6. BCM
- 6195 1032 SINGAPORE, BBC WS fair in English with a documentary – DD 7/6
- 6518 1942 SOUTH KOREA Voice of the People fair in Korean over heavy jamming 19/6, // 6600 and 3912 also both jammed. Sounded like a religious talk. BCM
- 6860 1958 EGYPT Cairo ending GG prgm, time pips and opening in AA for Australia, which was mentioned several times. Quran from 2002 19/6. AA/EE language lesson logged on a Sunday at 2138. BCM
- 6985 0440 USA, WYFR poor with relig choral music – KAB 30/5
- 7205 2012 FRANCE, RFI good in French with music prgm – DD 5/6
- 7205 2035 TURKEY, VOT fair in English with news, ID at 2037, light QRM – CC 28/6
- 7210 0357 ERITREA VOBME Asmara very strong opening with interval signal and s/on anncts in AA-like language including frequency info 18/6. BCM
- 7220 2030 VIETNAM. V.O.V. Poor in English. // 7280 also poor. – IC 29/5
- 7235 2035 ALBANIA, CRI good in Arabic with music and comment, ID, IS 2100 – KAB 6/6
- 7235 2150 CHINA, CRI good in Arabic with station announcements, address, off at 2158 – KAB 3/6
- 7240 0410 RWANDA. RDW via Kilgali. Good in English. – IC 3/6
- 7240 0410 RWANDA, D Welle good in English with comment // 12045 weaker and surging – CC 27/6

7240 1850 AUSTRALIA, R Australia good with country music show in English – DD 23/5
7245 0221 IRAN, VOIRI fair in English with refs to Iran, scratchy // 9495 stronger – CC 11/6
7275 0435 FRANCE, RTT (Tunisia) good in Arabic with comment and Arabic music -0 KAB 30/5
7275 2136 SPAIN, REE good but noisy in Spanish – DD 15/5
7275 2200 STH KOREA, KBS World Radio poor in Chinese with news and comment – KAB 3/6
7295 0415 FRANCE. R.Algerienne via Issouden with Holy Quron. VG.- IC 3/6
7295 0950 MALAYSIA. RTM. Fair in English. – IC 6/6
7315 0315 USA. WHRI. Good in English. – IC 29/5
7335 0425 VATICAN, Vatican Radio good in presumed Romanian, ID 0430 then choral singing – KAB 30/5
7350 0420 ROMANIA, R Romania Intl good in presumed Romanian with pop music and comment – KAB 30/5
7365 0415 USA, WHRI good in English with Bible commentary – KAB 30/5
7370 2208 SINGAPORE, BBC WS fair in Indonesian with comment – KAB 3/6
7400 0408 BULGARIA, R Bulgaria good in Bulgarian, ID 0410 then music – KAB 30/5
7410 0250 U.K. RDW via Rampisham. Fair in German. – IC 28/6
7425 2145 GERMANY. WYFR. Good in English via MB. – IC 18/6
7450 0405 GREECE, V of Greece good in Greek with comment – KAB 30/5
7490 1200 VATICAN. Radio Vaticana. Fair in English. – IC 28/6
7550 1745 INDIA. AIR. VG. News in English at 1800. – IC 19/6
7555 1005 USA, WEWN good in Spanish – DD 7/6
8728U 0500 MONACO. Radio Monaco. (95.4FM relay) Fair in English with weather details on USB. – IC 16/6

OVERSEAS LOGGINGS.

All may not be audible in NZ at the times listed

| kHz | UTC | Country, Station, Programme, & Reception Details |
|------------|------------|---|
| 3290 | 0247 | GUYANA, Voice of Guyana, 0247-0413 May 18, program of vocals hosted by a man announcer with occasional talk in English. Poor to fair signal but a lot of noise on channel made overall reception very poor most of the time. Reception seemed to improve around 0330 during continuous music run. At 0356 man announcer mentioned BBC news at 0400. 3+1 time pips at 04000 followed by woman announcer with BBC news. Although reception was improving, I could still only make out about 25% of what was being said during news. (D'Angelo-PA) |
| 3290 | 0340 | GUYANA, Voice of Guyana, 0340-0406 Jun 12, music program hosted by a man announcer with English talk. ID followed by BBC news at 0400. Weak signal and watery audio. (D'Angelo-PA) |
| 4789.9 | 0450 | PERU, Radio Vision, 0450-0532 May 29, man announcer preaching in Spanish before a "live" audience. At 0523 studio announcer with ID |

- and other announcements before returning to another preacher at 0525. Fair with some CODAR QRM. (D'Angelo-PA)
- 4976 0351 UGANDA, UBC Uganda (presumed), 0351-0421 Jun 13, continuous music programming to 0400 when a man announcer read the news in English. Return to music programming at 0415. Poor with high noise level. (D'Angelo-PA)
- 5954.2 2310 COSTA RICA, ELCOR Transmitter, 2310-2352 May 17, non-stop pop music vocals. Carrier cut at 2322 but returned at 2329. Appeared to be recording of "live" concert with applause between selections and on-stage announcements in Spanish. Fair signal. (D'Angelo-PA)
- 6170 1054 NEW ZEALAND, Radio New Zealand International, 1054-1058* Jun 3, two men discussing airport improvement issues in English when suddenly cut off by a man with ID and closedown announcement: "This is the Pacific Service of Radio New Zealand International (mentioned moving to 9,655 kHz) ... This is New Zealand." Fair to good reception. (D'Angelo-PA)
- 7125 2256 GUINEA, Radio Guinee, 2256-2259* May 18, two men with discussion in French language with carrier cut mid-sentence. Poor. (D'Angelo-PA)
- 7215 0328 SOUTH AFRICA, Trans World Radio via Meyerton, *0328-0335 Jun 12, IS followed by opening of listed Amharic program with music and religious talk. Poor. (D'Angelo-PA)
- 7345 2302 TUNISIA, Radio Tunisienne, 2302-2307* May 27, man announcer with news in Arabic. At 2307 end of news, man with ID, carrier cut. Fair to good. (D'Angelo-PA)

My thanks to all the contributors for this month.

Ken Baird

CONTRIBUTORS FOR THIS MONTH

- BCM** Bryan Clark at Mangawhai with AOR7030+ and Alpha Delta Sloper, EWES to NE, E and SE, plus various 100 metre BOGs to the Americas.
- CC** Cliff Couch, Paraparaumu, ATS 803A, 60m horizontal loop.
- DD** Des Davey, Te Kuiti, Eton E5, National DR 45, 50m long wire, 50m "L.
- IC** Ian Cattermole, Blenheim, JRC 535, Icom IC-746 Pro, EWE .
- JD** John Durham. Tauranga. JRC 535D Eavesdropper trap dipole.
- KAB** Ken Baird, Christchurch, Kenwood R5000, R1000, 18m Wire, SW Eavesdropper.
- KVB** Kelvin Brayshaw, LEVIN. ATS-505, Eton E5, Indoor loops.
- (D'Angelo-PA)** – Richard D'Angelo Wyomissing USA, Ten-Tec RX-340, Eton E1, Eton E5, R8B, Lowe HF 150, Alpha Delta sloper, RF Systems mini windom, Datong FL3, JPS ANC.

Contributions to this column may be sent to
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BANDWATCH OVER 9MHZ

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Please add the **date, language and country of origin** of your loggings to your report and keep reception details short. To avoid duplication, please check that your loggings have not already been entered during the last three months and **send your loggings early, don't wait until the closing date!**

- 9500 0500 SWAZILAND TWR Manzini opening strongly in EE with religious prgms for East Africa, but faded rapidly to be poor level by 0520. // 3200 and 4775 also audible at poor level at 0500, 25/6 BCM
- 9535 2200 CHINA, CRI, poor in JJ, noisy, 7/6, DD
- 9550 2030 VIETNAM. VOV. Poor in English. 30/5, IC
- 9665 1950 SPAIN, REE, Fem vocalist, YL with ID and anncts at 1955, gd in EE, 4/6, CC
- 9670 2330 PHILIPPINES. R.Veritas Asia. Fair in Vietnamese after English IDs. 2/6, IC
- 9680 2030 THAILAND, Rad.Thailand, Opening with bells, ID, then OM & YL with news, surging, f/gd in EE, 28/6, CC
- 9720 2300 PHILIPPINES. R. Veritas Asia. Fair in Filipino after English IDs. 1/6, IC
- 9770 1700 AUSTRIA. Polish Radio. Good in English vua Moosbrunn. 5/6, IC
- 9770 1835 UAE, AWR, gd in EE, 28/5, DD
- 9790 2200 ROMANIA. RRI. Fair in English. 29/5, IC
- 9830 2040 CHINA, CNR-1, with home service, fair in CC, noisy, 28/5, DD
- 9865 0506 N.ANTILLES, RNW, OM spkg, gd in Dutch, // 6165 weaker, 20/6, CC
- 9925 2220 CROATIA, Rad.Croatia, with progr. "Croatia today", gd in EE, 17/6, DD
- 9980 0045 USA. WWCR. Poor in English. IC
- 11620 0805 CHINA, CRI, with news in EE, gd, 29/5, DD
- 11695 2250 AUSTRALIA, Rad.Austr, Indonesian progr, Learn English, gd, 17/5, DD
- 11700 1630 CZECH REP. Radio Prague. Fair in German. 28/5, IC
- 11830 2020 BRAZIL Radio Daqui new station first noted 30/6 with good signal. Popular vocals, frequent idents. Note regularly since to close around 2100 but sometimes up to 20 minutes later, 30/6, BCM
- 11860 1330 GUAM. KSDA. Weak in English. 22/6, IC
- 11864.90048 TAIWAN Family Radio via Paoching relay in Indonesian hetting 11865 (DW Sri Lanka?) until latter closed at 0056. Family Radio orchestral theme & closing anncts in the clear at 0058 25/6. BCM
- 11875.1 0100 TAIWAN Radio Taiwan International opening EE to Southeast Asia with newscast. Fair to good signal, but off-frequency 25/6. BCM
- 11880 1841 AUSTRALIA, Rad.Austr, with country music, gd in EE, 29/5, DD
- 11905 0212 SRI LANKA. SLBC. Weak but clear in Hindi. 10/6.
- 11940 2200 ROMANIA. RRI. Fair in English. 8/6, IC

11940 2300 PORTUGAL. RDP. VG in Portuguese. N/F. 8/6, IC
 11945 0800 AUSTRALIA, Rad.Austr, with news and sport, gd in EE, 29/5, DD
 11955 2328 ROMANIA, Rad.Romania, OM & YL spkg, gd in SS, // 9745 weaker, 6/6, CC
 12015 0454 IRAN, VOIRI, YL spkg, gd in Turkish, //9560 weaker & scratchy, 20/6, CC
 12070 2328 PHILIPPINES, FEBC, fair in CC, 7/6, DD
 13610 2300 CHINA, VOC, Nanning, Fair in CC s/on //11710 P, 5/6, KB
 13690 2340 AUSTRALIA, Rad.Austr, with news in EE, exc, 17/6, DD
 13695 0330 INDIA. SIR. VG in Hindi. 1/6, IC
 13730 2225 NEW ZEALAND, Rad.NZI, with "Dateline Pacific", gd in EE, DD
 13780 0140 CHINA. CRI. Good in Nepali. 2/6, IC
 13780 0410 RWANDA, DW, Fair in RR, mx, story, ID 0416, 13/6, KB
 15075 0400 INDIA, AIR, Fair in Hindi to EAF & ME 13/6, KB
 15240 2420 AUSTRALIA, Rad.Austr, in EE, noisy, 7/6, DD
 15265 2330 N.ANTILLES. NHK via Bonaire. VG in Japanese. 4/6, IC
 15310 0210 THAILAND, BBC, Discussion re soccer worldcup, Time "GMT", surging and scratchy, fair in EE, 11/6, CC
 15525 2430 AUSTRALIA, Rad.Austr, HCJB, v/gd in EE, 7/6, DD
 15540 2210 N.ANTILLES. RNW via Bonaire. Weak in Dutch. 1/6, IC
 15550 0105 CHINA, VOC, Fair/Good in CC, 13/6, KB
 15560 2440 THAILAND, VOA, with news in special English, fair in EE, 7/6, DD
 15745 0245 SRI LANKA. SLBC. Poor in English. 11/6, IC
 15770 0843 INDIA, AIR, Fair in II, IN class & pop mx, 1/S 0843, 12/6, KB
 17715 2445 AUSTRALIA, Rad.Austr, talk on power generation, // 17795, gd in EE, //17750 noisy, 7/6, DD
 17830 0215 PHILIPPINES. R. Veritas Asia. Good in Russian. 1/6, IC

OVERSEAS LOGGINGS.

All may not be audible in NZ at the times listed

| kHz | UTC | Country, Station, Programme, & Reception Details |
|------------|------------|---|
| 9635 | 0337 | LITHUANIA, RFE/Radio Liberty via Sitkunai, news features in listed Tatar/Bashkir. English ID by OM at 0400: "This is Radio Free Europe, Radio Liberty, Praha." Fair., 26/5, RDA |
| 9655 | 1059 | NEW ZEALAND, RNZI Jun 3, IS with time pips at 1100 followed by opening ID and news by a man announcer. ID at end of the news at 1108 followed by a woman announcer with regional news features. Poor to fair with somewhat watery audio, 3/6, RDA |
| 9710 | 0706 | AUSTRALIA, Rad.Austr.–Shepparton, OM in English with live sports coverage. P/ fair, 29/5, RDA |
| 9740 | 0330 | CLANDESTINE, Miraya FM via Rimavská Sobota, Arabic talks by various male announcers including interviews, remote reports and voice over's. Periodic IDs with a formal ID at 0342 followed by more news features. Fair, 22/5, RDA |
| 9875 | 0401 | CLANDESTINE (Zimbabwe), Radio Voice of the People – Madagascar, YL in local language with news featuring music segments between |

- each item. Report about the World Cup. From 0407 a combination of music programming alternating with news features with some English and periodic IDs. P/fair, 10/6, RDA
- 9890 0006 RUSSIA, VOR – Krasnodar, man with news in English followed by main points.ID followed by Outlook program featuring oil spill in the Gulf of Mexico as first report. Good signal, 4/6, RDA
- 11530 0357 USA, Family Radio – Okeechobee, looking for Denge Mezopotamya but heard familiar Family Radio IS followed by opening in Portuguese language.Poor signal, 22/5, RDA
- 11960 0352 JORDAN, Radio Jordan, Jun 10, woman with Arabic vocals; OM with ID and Arabic talk at 0400 followed by music fanfare and news. At one point I could hear the man turning the pages of his script!
Fair, 10/6, RDA
- 15250 2333 CUBA, Radio Nacional de Venezuela, apparent English service with YL presenting various news-related topics which were followed by long Spanish talks. Nice canned ID at 2356 followed by sign off announcements by OM in Spanish. Fair, 3/6, RDA

Contributors this month

- BCM** Bryan Clark at Mangawhai with AOR7030+ and Alpha Delta Sloper, EWEs to NE and E, plus various 100 metre BOGs to the Americas
- CC** Cliff Couch, Paraparaumu, Sangean ATS 803A, 60 m horiz.loop
- DD** Des Davey, Te Kuiti, FRG-100 and FRG-7700, 50M long wire.
- IC** Ian Cattermole, Blenheim, Icom IC-746PRO, JRC NRD-535, Antenna EWE
- KB** Kelvin Brayshaw, Levin, ATS 505, Eton E5, tabletop loop, 3M indoor wire
- RDA** Richard d'Angelo, Wyomissing, Ten-Tec RX-340, Eton E2, Drake R-8B, Lowe HF 150, Eton E5, Alpha/Delta DX sloper RF systems Mini Windom, JPS ANC-4



BRAZILIAN SHORTWAVE BANDSCAN

Bryan Clark, Mangawhai (Northland)

Well, my pick for the World Cup dipped out, but I did enjoy tracking down quite a number of Brazilian shortwave stations over the past 5 weeks.

| | | |
|---------|------|---|
| 4805.17 | 1026 | Radiodifusora do Amazonas, Manaus with PP advts, ident as 'Radiodifusora de Manaus, Amazonas, Brasil', good 1/6. |
| 4815 | 1028 | Radiodifusora Londrina fair with mentions of Londrina 1/6. |
| 4845.24 | 1031 | Unid Brazilian good with non-stop music programme 1/6. |
| 4864.98 | 0447 | Radio Alvorado with talk in PP, Alvorado jingle & 'boa dia' at 0454 6/7. Poor 0416 25/6 with mentions of Sao Paulo, poor 25/6. On 2/7 hrd with religious talk at 0458, time check and good morning anncts 0514. Followed past 0630. |
| 4865.04 | 1032 | Unid Brazilian very good with time check in PP 1/6. |
| 4875.44 | 1034 | BRAZIL Radiodifusora Roraima (presumed) with pop music 1/6. PP anncts mentioning Aparecida and Sao Paulo. |
| 4885.02 | 0302 | Radiodif Acreana poor fading in 2/7, good at 0451 recheck. Very good 0417 25/6, fair 0505 25/6. Also 1037 1/6 when a second Brazilian was audible underneath. Acreana the strongest 60m Brazilian at 0906 2/7. At 0943 retune the signal was mixed with a second Brazilian. |
| 4885.02 | 2012 | UNIDENTIFIED Very weak talk here 30/6. Frequency suggests possible Acreana longpath. |
| 4894.95 | 0450 | Radio Novo Tempo, Campo Grande with uninterrupted contemporary Christian vocals across the hour, fair improving 2/7. Quick time checks, ident 0502. Also noted weakly with religious prgm 1040 1/6, and fading in 0305 2/7. |
| 4914.98 | 0418 | Radiodif Macapa very good 25/6. Poor 0900 2/7 but good when rechecked at 0943. Mixed with another Brazilian at 1040 1/6. |
| 4925.25 | 1041 | Unid Brazilian with talk in PP 1/6. |
| 4935.25 | 0402 | Radio Capixaba fair with ident 1/6 including 'banda tropicale' frequency. Also noted fading in 0305 2/7, fair by 0448 recheck. |
| 4964.98 | 1046 | Unid Brazilian poor in PP 1/6. Also noted with weak audio at 0900 2/7. |
| 4985 | 0421 | Radio Brasil Central very good in PP 25/6. On 2/7 was poor at 0900 but very good at 0943 – sunrise enhancement effect. |
| 4985 | 2020 | UNIDENTIFIED weak carrier here 30/6, tentatively Brasil Central via long path. |
| 5035.02 | 0422 | Radio Aparacida fair all evening 2/7, till fading out 0900. |
| 5045 | 0422 | Radio Cultura de Para, poor 0510 2/7 with splatter from |

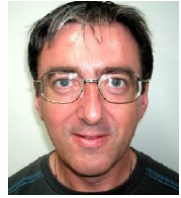
| | | |
|----------|------|--|
| | | Cuba 5040. Fading out 0900 2/7. |
| 5939.91 | 0607 | Voz Missionaria, Camboriú fair in PP 30/6 with soft contemporary Christian vocals, extensive station identification with frequencies 0611. Signal improved to good by 0700. // 9665.15 poor. Poor 25/6 at 0510 with parallel 9665.45 very weak. |
| 6080 | 0326 | Radio Marumby poor with religious pegm in PP 2/7. |
| 9505 | 0156 | Unid Brazilian, presumed Radio Record, under/mixed Deutsche Welle co-channel in German 25/6. |
| 9550.1 | 0155 | Unid Brazilian with religious choir, presumed Radio Boa Vontade, Porto Alegre reactivated 25/6. |
| 9564.56 | 0150 | Unid Brazilian poor due 9560 splatter. Presumed Super Rádio Deus é Amor Still audible 0355 25/6. |
| 9587.18 | 0317 | Super Rádio Deus é Amor presumed the weak signal in PP 2/7. |
| 9629.95 | 0111 | Unid weak in PP through DRM splatter. Presumed Radio Aparecida. Gone at 0155 recheck. |
| 9645.35 | 0646 | Radio Bandierantes good in PP with World Cup promo, time check & identification in PP 30/6 // 11925.24. Fair improving signal in USB 0104 25/6 with news in PP. |
| 9665.15 | 0700 | Voz Missionaria, Camboriú with religious format in PP, poor 30/6. |
| 9675.02 | 0311 | Radio Canção Nova, Cachoeira Paulista poor 2/7 with religious format. |
| 9820 | 0201 | Radio 9 de Julio in clear with time pips 25/6, then PP timecheck, spoken & sung jingle idents, promo for Catholic religious prgms. Fair but some splatter from adjacent frequencies. |
| 11735 | 1939 | Radio Transmundial, Santa María fair with PP religious talk in PP 2/7. |
| 11780 | 0102 | Radio Nacional de Brasília fair in the clear with 'Nacional Informar' promo, time check & ident in PP 2/7. Still audible 0320 when under co-channel Deutsche Welle. Also at 2041 2/7 fair in the clear. |
| 11815 | 0248 | Radio Brasil Central, Goiania fair with PP ident 2/7. Surging atmospheric noise level. Parallel 4985 just starting to fade in. 11815 audible until fadeout around 0500, sometimes under co-channel QRM. Also noted in the clear at 1943 2/7. |
| 11830 | 2020 | Radio Daqui with good signal 30/6, frequent idents. Popular vocals. Usually closes around 2100 but sometimes up to 20 minutes later. |
| 11925.24 | 1945 | Radio Bandierantes weak with futbol 2/7. Poor at 0104 past 0400 25/6, sometimes with het whistle from 11925. Also noted weakly 0645 30/6. Parallel 9645.35 was better. |

ENGLISH IN TIME ORDER

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Time Order summary of Ken's BandWatch Under 9MHz & Phil's BandWatch Over 9MHz columns. For station transmitter sites please refer to the 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.

The Solar Flux is aired daily over WWV/WWVH on 2.5, 5, 10, 15 and 20 MHz Shortwave at 18 & 45 minutes past every hour. For propagation forecasts please refer to Mike's column.

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

73 - Yuri, ZLIGYM <http://www.linradio.com/sources.htm>

NEW ZEALAND CONTRIBUTIONS

| Time (UTC) | Freq (kHz) | Station Name | Station Country | Log Date | DXer Name |
|------------|---------------------|------------------|-----------------|----------|-----------|
| 0020 | 15240 | Radio Australia | AUSTRALIA | 7/6 | DD |
| 0040 | 15560f | VOA | USA | 7/6 | DD |
| 0045 | 17715g:17750:17795g | Radio Australia | AUSTRALIA | 7/6 | DD |
| 0045 | 9980p | WWCR | USA | - | IC |
| 0100 | 11875.1g | Radio Taiwan Int | TAIWAN | 25/6 | BCM |
| 0210 | 15310f | BBC | UK | 11/6 | CC |
| 0221 | 7245f:9495g | VOIRI | IRAN | 11/6 | CC |
| 0245 | 15745p | SLBC | SRI LANKA | 11/6 | IC |
| 0315 | 7315g | WHRI | USA | 29/5 | IC |
| 0330 | 6100 | RCI | CANADA | 9/6 | IC |
| 0405 | 3200f:4775f | TWR | SWAZILAND | 25/6 | BCM |
| 0410 | 7240g:12045f | D Welle | GERMANY | 27/6 | CC |
| 0410 | 7240g | RDW | GERMANY | 3/6 | IC |
| 0412 | 4840g | WWCR | USA | 4/6 | KAB |
| 0415 | 7365g | WHRI | USA | 30/5 | KAB |
| 0420-0431 | 6020f | CRI | CHINA | 6/6 | KAB |
| 0434 | 5935g | WWCR | USA | 6/6 | KAB |
| 0440 | 6020g | CRI | CHINA | 4/6 | IC |
| 0447-0448 | 5890f | WWCR | USA | 6/6 | KAB |
| 0450 | 4930p | VOA | USA | 4/6 | IC |
| 0500 | 8728(USB)f | Radio Monaco | MONACO | 16/6 | IC |
| 0500-0520 | 3200p:4775p:9500e | TWR | SWAZILAND | 25/6 | BCM |
| 0640 | 5890g | WWCR | USA | 7/6 | DD |
| 0705 | 5935f | WWCR | USA | 7/6 | DD |
| 0741 | 4835g | VL8A | AUSTRALIA | 24/6 | KVB |

| | | | | | |
|-----------|-------------|-----------------|-------------|------|-----|
| 0800 | 11945g | Radio Australia | AUSTRALIA | 29/5 | DD |
| 0805 | 11620g | CRI | CHINA | 29/5 | DD |
| 0828 | 5995g | R Australia | AUSTRALIA | 29/5 | DD |
| 0902 | 5970f | Radio Havana | CUBA | 19/6 | BCM |
| 0950 | 7295f | RTM | MALAYSIA | 6/6 | IC |
| 0955 | 4840f | WWCR | USA | 13/5 | DD |
| 1020 | 6040f | CRI | CHINA | 7/6 | DD |
| 1032 | 6195f | BBC WS | UK | 7/6 | DD |
| 1104 | 6170g | RNZI | NEW ZEALAND | 29/5 | DD |
| 1200 | 7490f | Radio Vaticana | VATICAN | 28/6 | IC |
| 1330 | 11860p | KSDA | GUAM | 22/6 | IC |
| 1700 | 9770g | Polish Radio | AUSTRIA | 5/6 | IC |
| 1745-1800 | 7550g | AIR | INDIA | 19/6 | IC |
| 1835 | 9770g | AWR | UAE | 28/5 | DD |
| 1841 | 11880g | Radio Australia | AUSTRALIA | 29/5 | DD |
| 1850 | 7240g | R Australia | AUSTRALIA | 23/5 | DD |
| 1906 | 6080g | R Australia | AUSTRALIA | 23/5 | DD |
| 1911 | 6155g | BBC WS | UK | 23/5 | DD |
| 1930 | 5020f | SIBC | SOLOMON IS | 4/6 | CC |
| 1950-1955 | 9665g | REE | SPAIN | 4/6 | CC |
| 2003 | 4319(USB)f | AFRTS | USA | 7/6 | KVB |
| 2030 | 7220p:7280p | VOV | VIETNAM | 29/5 | IC |
| 2030 | 9550p | VOV | VIETNAM | 30/5 | IC |
| 2030 | 9680g | Radio Thailand | THAILAND | 28/6 | CC |
| 2035-2037 | 7205f | VOT | TURKEY | 28/6 | CC |
| 2145 | 7425g | WYFR | USA | 18/6 | IC |
| 2155-2200 | 6005f | BBC WS | UK | 24/5 | DD |
| 2200 | 9790f | RRI | ROMANIA | 29/5 | IC |
| 2200 | 11940f | RRI | ROMANIA | 8/6 | IC |
| 2220 | 9925g | Radio Croatia | CROATIA | 17/6 | DD |
| 2225 | 13730g | Radio NZ Int | NEW ZEALAND | - | DD |
| 2340 | 13690e | Radio Australia | AUSTRALIA | 17/6 | DD |

Fort Dodge
★ 540
KWMT

 **REAL
COUNTRY**

SHORTWAVE RECEPTION FORECAST

FOR JUNE 2010



Editor Mike Butler
Auckland

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The Shortwave Bands below have given good reception in NZ within the recent Solar Flux Index (SFI) range 68-76. An * = good reception only above Index of 75. European and North American overall reception are at their peak in August, while best daytime reception is shared by North America and Asia and best morning reception is from Africa.

Times-Shortwave Bands:

| UTC | MHZ | UTC | MHZ | UTC | MHZ | UTC | MHZ | UTC | MHZ |
|--------|----------|--------|----------|--------|--------|-----------|-----------|--------------|-------|
| Europe | | Africa | | Russia | | Australia | | Cent America | |
| 19 | 6-11-21* | 19 | 6-15 | 19 | 6-9 | 19 | 5-7-11* | 19 | - |
| 20 | 6-13-21* | 20 | 6-11-15* | 20 | 13 | 20 | 5-11 | 20 | - |
| 21 | 6-15 | 21 | 7-9-15* | 21 | - | 21 | 6-15 | 21 | 15-17 |
| 22 | 9-15 | 22 | - | 22 | 11 | 22 | 6-17,21* | 22 | 15 |
| 23 | 11-15 | 23 | - | 23 | - | 23 | 9-17,21* | 23 | 15-17 |
| 0 | 9-15 | 0 | 9 | 0 | 15 | 0 | 11-17,21* | 0 | - |
| 1 | 9,15 | 1 | - | 1 | 9-11 | 1 | 11-17,21* | 1 | - |
| 2 | 6-15 | 2 | 9,11* | 2 | 9* | 2 | 11-17,21* | 2 | 6,13 |
| 3 | 6-9,15 | 3 | 7-11 | 3 | 7-15 | 3 | 9-17,21* | 3 | 6-9 |
| 4 | 6-15 | 4 | 7-11 | 4 | 7*,9 | 4 | 7-17 | 4 | 6-9 |
| 5 | 6-9-17* | 5 | 5-11-15* | 5 | 7-9,17 | 5 | 5-17 | 5 | 6 |
| 6 | 6-7-21* | 6 | 5-9 | 6 | - | 6 | 5-15,17* | 6 | 5-11 |
| 7 | 7,9*,15* | 7 | 6-9 | 7 | 15-17 | 7 | 5-15 | 7 | 5-11 |
| 8 | - | 8 | - | 8 | 9-11 | 8 | 5-11-13* | 8 | 5-9 |
| 9 | - | 9 | - | 9 | 6-15 | 9 | 2-11 | 9 | 5-9 |
| 10 | - | 10 | - | 10 | 6-15 | 10 | 4-11 | 10 | 5-9 |

| Middle East | | Asia | | North Pacific | | Nth America | | Sth America | |
|-------------|----------|------|-----------|---------------|----------|-------------|-------|-------------|------|
| 19 | 6-7,9* | 19 | 6-9 | 19 | 7-13 | 19 | 6 | 19 | - |
| 20 | 6-7,9* | 20 | 6-9 | 20 | 7-13 | 20 | 6-11 | 20 | 15 |
| 21 | 6-9 | 21 | 6-15 | 21 | 9-13-17* | 21 | 9-11 | 21 | - |
| 22 | 9 | 22 | 9-15 | 22 | 11-15x17 | 22 | 11-15 | 22 | - |
| 23 | 15* | 23 | 9-15 | 23 | 13-15x17 | 23 | 13 | 23 | - |
| 0 | - | 0 | 11-17 | 0 | 13-17 | 0 | 15-17 | 0 | - |
| 1 | - | 1 | 9-17 | 1 | 17 | 1 | 13 | 1 | 9-15 |
| 2 | 9 | 2 | 9-17 | 2 | 15-21 | 2 | 9-15 | 2 | 11 |
| 3 | 6-15 | 3 | 9-15,17* | 3 | 9*15-21 | 3 | 6-15 | 3 | 9 |
| 4 | 6-15,17* | 4 | 9-17 | 4 | 9*15-21 | 4 | 5-15 | 4 | 9 |
| 5 | 9*11-15 | 5 | 13-15-21* | 5 | 6-21 | 5 | 5-11 | 5 | - |
| 6 | 11 | 6 | 15-17 | 6 | 5-17,21* | 6 | 5-11 | 6 | - |
| 7 | - | 7 | 15-17 | 7 | 5-17 | 7 | 3-11 | 7 | 5-9 |
| 8 | - | 8 | 7-15 | 8 | 5-13-21* | 8 | 5-9 | 8 | 6 |
| 9 | - | 9 | 6-17 | 9 | 5-13 | 9 | 5-9 | 9 | 6-9 |
| 10 | - | 10 | 6-17 | 10 | 5-13 | 10 | 3-9 | 10 | 5-6 |

x = not Hawaii. June's Monthly Average SFI = 72.6 below May's 73.9.

SHORTWAVE REPORT

Editor

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ASCENSION ISL/SOUTH AFRICA

WYFR Family Radio in English from May 3

1600-1700 on 6010 MEY 100 kW / 020 deg to SoAf, additional txion

1900-2000 on 7270 MEY 250 kW / 342 deg to CeAf, additional txion

2000-2100 on 11690 ASC 250 kW / 027 deg to WeAf, additional txion

2000-2100 NF 12055 ASC 250 kW / 065 deg to CeAf, ex 15195

(R BULGARIA DX MIX News, Ivo Ivanov, via wwdxc BC-DX TopNews May 17)

AUSTRIA

Some VT Communications changes:

Polish Radio External Service in English from May 6:

1700-1800 NF 9770#MOS 300 kW / non-dir to NoEu, ex 9655* kHz.

BROADCAST TIPS

Tajikistan. Tajik Radio was heard in Sofia with a weak signal in English at 13.45 hours on 7245 kHz with a political commentary on Pakistan and Afghanistan. This is the only broadcast in English from this country – from 13 to 14 hours. Tajik Radio is received regularly with a local program after 16 hours on 4765 kHz.

Caucasus. Abkhaz Radio from Soukhimi has appeared again on the frequency of 9535 kHz and was heard at 07.30 hours in a local language and at 08 hours in Russian. The station can possibly have other programs but until 05 hours the frequency was occupied by Radio Exterior de Espana and from 05 to 07 hours by Radio Algeria.

[Gaviria] (SW CENTRAL)

GERMANY/GAMBIA:

15225, Save the Gambia Democracy Project, via Nauen (125 kW, 221 degrees), Germany, Saturdays 1815-1830, back on the air via Radio Miami International and Media & Broadcast since May 22 in English and local languages. Their website is: www.savethegambia.org . (Bueschel and White via DSWCI)

INDIA:

The following are the recent changes noted to AIR External Services.

11620 Aligarh 0015-0430 (Ex 0100-0430)

7410 Bangalore 1745-1945 **English** (W.NW Africa) (Ex 7550)

7550 Delhi 1745-1945 **English**, 1945-2045 Hindi

2045-2230 **English** (Europe) (Ex7400, 7410)
9940 Delhi 1745-1945 **English**, 1945-2045 Hindi
2045-2230 **English** (Europe) (Irregular)
15075 Delhi 1615-1730 Hindi (Back on air)
9810 Panaji 0130-0230 Nepali (Back on air)
15185 Panaji 0315-0415 Hindi, 0415-0430 Gujarati,
0430-0530 Hindi (Back on air)
(Jose Jacob-IND VU2JOS, DXindia June 15)

INDIA

Frequency changes for Voice of Kashmir (Sedayee Kashmir) in Kashmiri
0230-0330 NF 4870 DEL 100 kW / 174 deg to SoAs, ex 6100
0730-0830 NF 6100 DEL 100 kW / 174 deg to SoAs, ex 9890
1430-1530 NF 4870 DEL 100 kW / 174 deg to SoAs, ex 6100
(R BULGARIA DX MIX News, Ivo Ivanov, via wwdxc BC-DX TopNews June 15)

KUWAIT: (NON)

Effective June 23. Radio Kuwait conducted tests transmissions in Arabic to North America via VT Communications on the following schedule:
2200-2400 on 15305 SKN 300 kW / 290 deg to NoAm Arabic Wed/Thu/Fri
0000-0200 on 11720 SKN 300 kW / 290 deg to NoAm Arabic Thu/Fri/Sat
0200-0400 on 9855 SKN 300 kW / 290 deg to NoAm Arabic Thu/Fri/Sat

MONACO -

Radio Monaco [www.radio-monaco.com] 95.4 FM is briefly relayed over utility SW station Monaco Radio with news in French 1100-1103 UTC M-F on 4363, 8728, 13146 and 17260 SSB. Monaco Radio also has local Monaco area weather forecast in English/French at 0530, 1103 and 1630 UTC on 8728 SSB.
(Christian Ghibaudo, Nice, France in Playdx via David Ricquish)

PORTUGAL:

Frequency change of RDPInternacional/Radio Portugal in Portuguese
2300-0200 NF 11940 LIS 300 kW / 226 deg to Brasil Mon-Fri, ex 12020
(R BULGARIA DX MIX News, Ivo Ivanov,)

SRI LANKA

SLBC revises external service
Victor Goonetilleke writes: As of June 4, the Sri Lanka Broadcasting Corporation (SLBC) has temporarily discontinued its service to Sri Lankan expats in South Korea on 15120 at 1030-1130 UTC via DW Trincomalee. Instead, SLBC has started another hour of Hindi to India on 11905 kHz via Trinco (azimuth 355 degrees) with 200kW at 1530-1630 UTC.

Reception reports will be welcome to:

Engineer AM Services, Sri Lanka Broadcasting Corporation
PO Box 574. Colombo

SLBC in association with the Union of Asian DXers (UADX) will QSL all reports on all its shortwave broadcasts during June. If the project is successful we will extend it.

The full schedule is:

0055-0330 (Sun 0430) UTC on 6005, 9780, 15745 kHz

(English to Asia)

0020-0500 and 0830-1230 UTC on 11905, 7185 kHz

1530-1630 on 11905 kHz

1615-1830 on 11750 kHz

SLBC is also progressing with the installation of a 50kW mediumwave transmitter in Puttalam on 1125 kHz to beam to South India where there are large numbers of Sri Lankans who fled the war over the last 30 years, and also to strengthen the coverage to the North of Sri Lanka.

(Source: Victor Goonetilleke, UADX)



VENEZUELA:

980v, R Joel 2:28, Santa Cruz de Mara, Estado Zulia, 2230-2330, test heard with el Himno Nacional de la República Bolivariana de Venezuela, followed by el Himno del Estado Zulia, music and religious talk, 33333. Faded out after 2330. Apparently the station is on the air 2200-0400, but it is very probable that they have tests at 2230-2330 and are interested in reception reports and adjusting a small homebuilt, low power transmitter, the only station that currently operates on SW from Venezuelan territory. E-mail address: joel228fm@hotmail.com , postal address: Sector La Lucha Kilómetro 27, Carretera Vía El Moján, Santa Cruz de Mara, Estado Zulia. (Contin and Gil in CDXA Internacional.)

This one should stretch BCM. (ED)



ZAMBIA

Zambia BC will be off shortwave for at least five months
Miriam Mtonga, Public Relations Manager for the Zambia National Broadcasting Corporation (ZNBC), says that the Corporation is in the process of procuring the replacement parts for the shortwave transmitter[s] which broke down earlier this year rendering no service to most parts of the country.

She said the tender process of procuring the replacement parts has been concluded and a contract has been signed with the supplier for the purchase of the parts at a cost of US\$130, 000. "Delivery of this will take about five months and during this time we regret that Radio One and Two will remain off air in the affected areas of the coun-

try," Ms Mtonga said.

And the ZNBC Public Relations Manager said ZNBC with the support of government, has embarked on a rural FM Project to install FM radio transmitters in some districts to supplement the shortwave transmitters.

(Source: Lusaka Times/R Netherlands Media Network Weblog)

LIBERIA

Star Radio post schedule on website

The website of STAR Radio in Liberia carries the following announcement: "STAR Radio is broadcasting on 104 FM & 4.025 MHz Short Wave in the 75-meter Band. For now test transmission on the Short Wave runs from 5 to 9 in the morning and 6-9 in the evening [0500-0900 and 1800-2100 UTC]."

(Source: STAR Radio/Radio Netherlands Media Network Weblog)

UKRAINE: Radio Ukraine's English language broadcasts.

To Europe:

0500-0600 on 11840

0900-1000 and 1100-1200 on 11620

1900-2000 on 7440

2100-2200 on 6145.

To North America.

0000-0100 and 0300-0400 On 7440. (R.U.I. English Section)



Radio Free Asia
Technical Operations

RADIO FREE ASIA ISSUES SECOND QSL CARD IN SERIES JULY 2010

Radio Free Asia (RFA) announces the release of the second card in the QSL series celebrating musical instruments of Asia. This card shows a traditional Burmese harp, also known as the saung or the saung gauk. It is an arched harp that usually has 13 to 16 strings that are traditionally made from silk though nylon strings are now more prevalent. The harp is played while sitting on the floor and holding it in one's lap; the strings are plucked with the right hand while the musician uses their left hand to dampen the strings which improve note clarity and help produce staccato notes. This card will be used to confirm all valid reception reports from July 1 – August 31, 2010. (See front cover of this magazine for an image of the QSL card)

UTILITIES

Editor

Arthur De Maine

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Well here we are into July and we are right into winter. We have had the log fire going most days all day. Anyhow if you want to see what is happening to the weather around the go to www.homepages.paradise.net.nz/tmcgavin/current_nzweather.html One of the yellow dots is a person's private weather station providing weather info to that site.

| FREQ | UTC | RECEPTION DETAILS | | |
|------|------|--|--------------|---------|
| 4417 | 1830 | NZ COASTAL HF MARINE STN HALF MOON BAY RADIO, STEWART ISLAND, location of the South Coast of the South Island across Foveaux strait wx forecast for local areas YL opps ann | 21/5 | RP |
| 4426 | 0946 | US COAST GUARD CHESAPEAKE ocean prediction centre report for off shore waters wx s/w tropical North Atlantic nat wx service inc POSN reports for Miami Florida Bahamas Caribbean Sea reports adv wave heights average height of the highest inc individual, waves maybe more than twice the signifant wave height etc reports continued to s/off 1008 STN ID USCG Chesapeake (PS don't forget to take your marine radio's) | 2/7 | RP |
| 4666 | 1110 | AIR CANADA 809/TOKYO freq adv 8903 SC tones exchanged | 29/6 | RP |
| 4666 | 1210 | UNITED 01/ TOKYO with SC BGFN | 29/6 | RP |
| 4666 | 1214 | TOKYO / DELTA 624 REQ fuel status 78.6 confirmed | 29/6 | RP |
| 5574 | 0848 | PROVINCIAL 57 / SAN FRANCISCO request position report exchanged | 4/7 | RP |
| 5574 | 0851 | PACIFIC 9105 / SAN FRANCISCO POSN REPORT from 11.40 west inc estimates confirmed | 4/7 | RP |
| 5643 | 0904 | Auckland Radio/ NZ 48 with position report and selcal | 4/7 | ABD |
| 5643 | 0946 | AKL/CONVOY 3748 POSN REPORT, male voice US Accent, control adv re traffic situation Con 37 confirms | 22/6 | RP |
| 6604 | 1033 | New York Volmet – male weather reports for cities around USA ID at 1035 with frequency Fair | 8/7 | ABD |
| 6676 | 1013 | Bangkok, Volmet – woman ann with weather reports | Poor to Fair | 8/7 ABD |
| 6679 | 1020 | Auckland Volmet – man with weather reports from around the Pacific | 8/7 | ABD |
| 8828 | 1015 | Hong Kong Volmet – woman ann weather reports | Poor | 8/7 ABD |
| 8867 | 2148 | Brisbane/NZ 145 Brisbane asking if NZ 145 could except a higher level | 7/7 | ABD |
| 8867 | 2159 | Qantas 75 calling Brisbane | 7/7 | ABD |

| | | | | |
|-------|------|---|-----|-----|
| 8867 | 2200 | Auckland/Pacific 411 position report | 7/7 | ABD |
| 8867 | 0539 | Nandi/ NZ 176 with position at 0539, flt level 36 | 8/7 | ABD |
| 8867 | 2130 | VHJCX NANDI POSN REPORT from FL380 & estimates freq for NANDI COMS 8867 / 5643 | 5/6 | RP |
| 8867 | 2140 | V C X / NANDI neg SC tones V C X adv SC MSFJ confirmed | 5/6 | RP |
| 10051 | 1032 | New York Volmet – male with weather reports very poor | 8/7 | ABD |
| 11387 | 0500 | Sydney Volmet – woman announcer with weather reports Fair | 9/7 | ABD |
| 13282 | 0509 | Honolulu (tentative) weather reports, mention of San Francisco weak | 9/7 | ABD |

CONTRIBUTORS

- RP** Roger Pryde, Dunedin - Sangean ATS 803A/ Yaesu 7000 Digital coms Receiver, 30 metre long wire E/West direction.
- ABD** Arthur De Maine, Kakanui – Icom R-70, Drake R-8 and a 25 meter EWE, East – West, 7 meter EWE, North – South



FM NEWS & DX

Editor Adam Claydon
Palmerston North

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BIG FM 106.2 Auckland Goes Dark

Auckland's only independent full-power mainstream FM station Big 106.2 has gone silent after less than 2 years on the air.

According to comments on the stations Facebook page, the station dropped to one-third of its normal power in April, at the same time as its website ceased updating daily news.

By June, listeners were reporting silent periods, and a recent comment on Facebook says the studios are now dark and unoccupied.

Ex-Big 106.2 staff include some of their comments there as well, and the station is no longer broadcasting.

So those who managed to QSL Big FM 106.2 have a very rare item of memorabilia in their collections. (David Ricquish, Wellington)

Radio Hauraki Hamilton Frequency Change

Radio Hauraki in Hamilton, will change frequency on the evening of 30th June The Radio Network announced. It will move from 96.0FM to 96.2FM

(The Radio Network, 1 July 2010,

<http://www.radionetwork.co.nz/AboutUs/PressReleases/Detail.aspx?id=234>)

Hauraki Northland Frequency Change

Radio Hauraki in the Far North, is to change frequency on Wednesday evening. It will move from 93.6FM to 93.2FM. "It is important for listeners to correctly retune their radios to ensure they can continue receive their local Radio Network stations loud and clear", says Murray Madden TRN's General Manager Northland. This means that Radio Hauraki is on the same frequency throughout most of Northland. We have also extended our Radio Hauraki coverage by adding in a Doubtless Bay transmission on 105.1FM.

(The Radio Network, 16 June 2010,

<http://www.radionetwork.co.nz/AboutUs/PressReleases/Detail.aspx?id=233>)

RNZ Frequency Change notification

The Radio New Zealand Concert frequency at our Whakapunake (Gisborne) transmitter has changed. Listeners in the Gisborne area need to tune to the new 97.3 MHz frequency in order to receive Radio New Zealand Concert.

(Radio New Zealand, <http://www.radionz.co.nz/listen/amfm>)

Frequency change for Flava in Auckland

Flava in Auckland will change frequency tonight The Radio Network announced. It will move from 96.1FM to 95.8FM.

"It is important for listeners to correctly retune their radios to ensure they can continue receive Flava loud and clear", says Grant Lee TRN's General Manager Auckland.

(Dan News, 7 July 2010,

<http://dannews.co.nz/2010/07/07/frequency-change-for-flava-in-auckland/>)

Palmerston North LPFM update

The following is a list of the current LPFM stations broadcasting in Palmerston North:

- 87.6 Genesis FM (ex 88.7) (<http://www.tonguesrevisited.com/genesisfm.htm>)
- 87.8 True Light FM (ex 88.4) (<http://www.truelightfm.co.nz/>)
- 88.1 Perfect Pitch*
- 88.3 Kelvin Grove FM (Kelvin Grove is a suburb in the NE part of Palmerston North. The station plays nostalgia music)
- 106.7 The Gramophone Room* (<http://barret.orconhosting.net.nz/Classical/>)
- 106.9 Amp'd FM (<http://visionchurchpn.com/#/ampd-fm>)
- 107.0 George FM
- 107.3 Perfect Pitch*
- 107.5 Te Patu Manawa (<http://www.tepatumanawa.webs.com/>)
- 107.7 3ABN

* I have lived back in Palmerston North for over two years and have never heard an ID on these three classical music stations, so I got the names for these stations from www.radioheritage.net (Adam Claydon)

Kapiti/Horowhenua Frequency Changes

The following is a list of Horowhenua and Kapiti FM stations I can receive here in Palmerston North. A number of these stations are due to change frequency later this month.

| | Current frequency | New frequency |
|--------------|-------------------|---------------|
| Newstalk ZB | 89.4 | 89.5 |
| More FM | 90.2 | 90.3 |
| ZM | 91.1 | |
| Classic Hits | 92.7 | |
| LiveSport | 93.5 | |
| More FM | 95.1 | 104.2 |
| Coast | 95.7 | 95.9 |
| Life FM | 96.7 | |
| RNZ Concert | 98.3 | |
| The Breeze | 99.6 | 100.7 |
| RNZ National | 101.5 | |

| | | |
|--------------------|-------|-------|
| Reo FM | 103.1 | |
| Coast Access Radio | 104.9 | 104.7 |
| Beach FM | 106.3 | |

I'll report back next month to see if these stations have changed frequency or not.
 (Adam Claydon, and <http://www.frequencyfinder.co.nz/>)

Nga Iwi FM frequency change

On 22 June I noted Nga Iwi FM with the slogan 'The Voice of Hauraki' on 97.1 FM announcing that, effective 23 June, 92.2 will change to 92.4 and 99.5 Paeroa will change to 99.6. But on a bandscan this morning 6 July I am still hearing them on 92.2.

(Bryan Clark)

Nga Iwi FM New Frequency check list

From www.ngaiwifm.co.nz, 7 July 2010



New LPFMs

88.0 Levin 88FM

The Bible Sharing Trust and well known broadcaster Allen Little are behind plans for a new magazine format Christian radio station in Levin. Known as '88FM' the LPFM is sourcing programs from KNLS Anchor Point, Alaska and is planned to begin on July 25, World Christian Media Prayer Day 2010. Website:

<http://groups.google.co.nz/group/88fm>. Allen's T: 021 02533330. Levin is a market gardening centre established for many years by Chinese settlers, and the numerals '88' are regarded as very good luck by Chinese.

88.3 Papamoa [Tauranga] Bolt FM

Operates after school [4-8.30pm NZT] from Palm Beach Plaza. ID's as 'Top Music Now, Bolt FM' and streaming at boltfm.webstarts.com. [via Tony King]

(David Ricquish, Wellington)

More LPFM News

An update on more LPFM changes from around the country and some new stations recently tracked down and added to the NZ LPFM Radio Guide at www.radioheritage.net.

87.6 Splash FM, Onetangi, Waiheke Island now here

87.7 Boosh FM, Auckland CBD now here

87.8 The Zone, Whangarei now here

87.8 True Light FM, Palmerston North now here

88.0 Waiheke Wireless, Waiheke Island now here

88.0 Radio SPCA, Ashburton, new

88.5 Wairoa 88.5 FM, Wairoa, new [but must change]

88.7 Neighbourhood FM, Trentham, Wellington, new [but must change]

107.0 Splash FM, Ostend, Waiheke Island now here

107.3 Kaiapoi Gospel FM, Kaiapoi [Christchurch], new

107.7 Country Radio, Oamaru, new

(David Ricquish, Wellington)

New Country Station on Air

Long time radio personality Chas Drader is behind newly launched Glenorchy Country FM located at Glenorchy along Lake Wakatipu from Queenstown. It broadcasts 24/7 on 89.2 with 1kW and is another of the growing number of independent local FM stations coming on air in smaller centers around the country. (David Ricquish, Wellington)

Low Lower News

1. T.L.C. Radio now on air in Matamata on 106.7.

E-mail: tlradiomatamata@gmail.com

2. His FM on air in Katikati on 88.1. Organised by Katikati Christian Centre.

Address: P.O. Box 94, Katikati, Western Bay of Plenty 3166.

E-mail: kkcc@kol.co.nz

3. Whangamata's Kool FM has LP txr for Mercury Bay on 107.6. Also runs Radio Fred. I.D. is 'Fred - It's a 4-letter word - Rock'n Whanga'

4. George FM back in Tauranga on 107.3.

Other FM News

1. Solid Gold in Tauranga moved from 92.5 to 92.6.

2. Orewa's Times FM moved from 89.9 to 88.9. I.D. now '88-9 and 97-8 Times FM'.

3. Tokoroa's Cruise FM moved from 94.0 to 100.4

4. Also in Tokoroa. Vision FM moved from 106.5 to 88.6.

5. Tuwharetoa FM moved from 97.2 to 97.6. (Gordon Mathieson)

FM Frequency Change Chaos

Now rolling out across the country, the 250 or so FM frequency changes are potentially throwing the FM dial into chaos. We've obtained copies of the working documents used by Radio Spectrum Management which reveal that allocated new FM frequencies are having to be continually adjusted.

Surprises

Amongst the reasons - they're finding transmitters on the air they didn't know existed, they're finding licences not in their system because they've been issued by other authorities, and when field tests are undertaken the interference with other stations is often beyond their computer model predictions.

WRTH 2011 Update

Some changes are ranked as 'easy', but others are proving very complicated as the rollout takes place from north to south. We've been updating the WRTH 2011 files with as many of the new changes for major metro markets as possible, but many of the smaller centres and rural areas will not be settled until well into 2011.

Co-operation

The technical teams at the four major networks - RadioWorks, TRN, Radio NZ and Rhema BG are working closely with transmission site owners and RSM staff to co-ordinate the practical changes.

LPFM Also Changes

At the same time, the LPFM frequencies have been changed with effect from June 17 and some parts of the country have restricted access to some frequencies until land mobile operations end on October 1.

New rules include a move to vertical antenna polarisation only, some technical tightening up to reduce interference, and an increase in power to 1w eirp is allowed.

'Old' frequencies can be used with 0.5w until July 19, when all LPFM stations must be on a 'new' frequency with changed antenna, and give contact details and ID at least once an hour.

750 FM transmitters affected

Taken together, these changes potentially affect some 500+ LPFM stations currently estimated to be on the air, along with the 250 full power FM changes. Therefore, some 750 individual FM transmitters are currently involved in the biggest shakeup of the FM dial since FM was introduced to New Zealand over two decades ago.

(David Ricquish, Wellington)

TV NEWS & DX

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Key says no decision on digital TV switch yet

Cabinet has not yet decided on when the switch from analogue to digital TV will take place, Prime Minister John Key said today.

Discussions have been taking place over whether the total switch to digital should be brought forward from 2015 to 2013.

Broadcasting network operator Kordia, a State-owned company, has warned that an early switch could have see a significant loss of revenue for it.

Kordia chairman David Clarke wrote in a letter to State-Owned Enterprises Minister Simon Power that "the impact [of an early switch] on the financial performance of the company will be severe."

The Dominion Post obtained the letter among under an Official Information Act request. The size of the potential loss was deleted from the documents it received.

"I know they are under tremendous pressure," Mr Key told reporters today.

"I have certainly seen in terms of the SOE reporting that they have financially been not in a position to pay a dividend."

While a decision had not yet been reached, Mr Key said his "instinct" was for 2015 but detailed discussions needed to be held.

(3 News, 14 June 2010, <http://www.3news.co.nz/Key-says-no-decision-on-digital-TV-switch-yet/tabid/412/articleID/160865/Default.aspx>)

Govt seeks help to turn off analogue TV

Government officials are sounding out technology companies about the best way to expand the reach of free-to-air digital television as a Cabinet decision on the shutdown date for analogue TV approaches.

The Ministry for Culture and Heritage has this week asked companies in the broadcasting technology industry for their views on the most cost-effective way to extend the country's existing digital terrestrial television (DTT) transmission network.

The ministry will use the information to plan spending of up to \$6.3 million which the Government has set aside to expand the reach of DTT beyond the 75 per cent of the population now able to receive the broadcasts.

Viewers can receive free-to-air broadcasts over the Freeview platform, launched in 2008, either using a UHF aerial - if they are inside the DTT broadcast coverage area - or via satellite reception, which covers the whole country.

Analogue television broadcasting is due to be switched off some time between 2013 and 2015, although the Government has yet to fix a precise date.

There is pressure to switch off the broadcasts so the radio frequencies they use can be

redeployed for high-speed wireless communications services.

Seventy-five per cent of the population can receive free-to-air television at present through the DTT service which is broadcast across networks of "terrestrial" or earth-based transmission towers and picked up by UHF antennas in the home. Viewers outside the DTT coverage area can receive digital TV signals through a satellite service.

"Extending DTT coverage could potentially act as an incentive for digital television take-up, and, thus the earlier achievement of [analogue TV shutdown] as set-up costs for consumers are cheaper," the Ministry for Culture and Heritage said in a pre-tender document distributed to technology companies this week. "DTT also allows for high-definition content and regionalised content."

The Government's commitment to provide up to \$6.3 million to expand the reach of DTT is conditional on the coverage being extended from 75 per cent to about 87 per cent of the population.

The ministry's discussions with technology companies are in part aimed at sounding them out on whether the expansion can be achieved on the Government's budget.

Prime Minister John Key said this week the Cabinet had yet to decide when the analogue TV signal would be switched off.

While detailed discussions still needed to be held on the subject, his "instinct" was that switch-off would be in 2015, he said.

Setting the switch-off date is a hot political potato.

Scrapping the analogue service will enable the frequencies to be used for eagerly awaited new data communications services and will net the Government welcome funds through licensing fees to broadcasters or telecommunications companies wanting to use those frequencies.

On the other hand, the death of the traditional analogue broadcast service will anger some voters who do not see the need to replace their existing TV sets with new models capable of receiving a digital signal.

One of the Government's state-owned enterprises, transmission technology company Kordia, has also warned that it faces a major financial headache if the move is made sooner, rather than later.

In a letter to State-Owned Enterprises Minister Simon Power, obtained by the Dominion Post newspaper under the Official Information Act, Kordia chairman David Clarke warns "the impact [of an early shutdown of the analogue network] on the financial performance of the company will be severe".

Clarke said the switchover date was "a serious issue for the company as Kordia's banks have expressed concerns as to the impact on Kordia's financial performance should DSO [digital switchover] move forward from 2015 to 2013".

Kordia, previously a high-earning division of TVNZ which pulled in significant revenue from building, maintaining and running analogue broadcast networks, has suffered financially in recent years as it has attempted to diversify its business.

It is under increasing pressure from the Government to show a return on taxpayer investment.

"I know they are under tremendous pressure," Key said when asked about the Kordia letter at this week's post-Cabinet press conference.

"I have certainly seen in terms of the SOE reporting that they have financially been not in a position to pay a dividend."

DIGITAL SWITCH-OVER * The analogue TV off switch is due to be flicked some time between 2013 and 2015, although the Government is yet to fix an exact date. * Viewers with suitable equipment can currently receive free-to-air television over the Freeview platform via either a digital terrestrial (DTT) signal or a satellite service. * The DTT network now covers 75 per cent of the New Zealand population in nine main centres: Auckland, Waikato, Tauranga, Hawkes Bay, Manawatu, Kapiti, Wellington, Christchurch and Dunedin. * The Government has set aside up to \$6.3 million to extend DTT coverage to about 87 per cent of the population. * The Ministry for Culture and Heritage has begun consulting technology companies about the best way to achieve that target.

(NZ Herald, 17 June 2010, http://www.nzherald.co.nz/tvnz/news/article.cfm?o_id=226&objektid=10652346&ref=rss)

Australia starts its Analogue TV Switch-Off

The countdown to the day when DXing TV signals from Oz is underway.

The following is extracted from an article in 'Techworld' by Rodney Gedda dated 30 June 2010.

..

People in metropolitan and regional areas of Australia are still relying on analog signals to watch TV even as the government begins switching off the older technology in favour of digital-only broadcasts.

June 30 is first day digital-only signals will be broadcast in an area of Australia – the Mildura/Sunraysia region on the NSW-Victoria border.

The Minister for Broadband, Communications and the Digital Economy, Senator Stephen Conroy, said the switch to digital-only television in Mildura/Sunraysia is an historic day for Australia.

"Representatives of the Digital Switchover Taskforce have been out in force in Mildura/Sunraysia over the last few weeks to ensure that all possible help is given to the local community," Conroy said.

Digital switchover liaison officer, Kellie Boyce, said more than 2500 households have been helped to convert to digital TV under the government's Household Assistance Scheme.

With analog being cut off in regional areas first, some households - estimated to be 1 or 2 per cent by the government – will not be ready for the handover and lose signals as a result.

A NSW Central Coast resident told /TechWorld/ analog is still used where the channel reception is not good enough in digital.

"Some channels like Nine and Ten do not display well in digital so we watch them in analog. In fact, most of the time those digital channels do not display at all due to the poor signal quality. Other digital channels like ABC, SBS and Seven generally work well."

The person said digital also tends to be more sensitive to adverse weather conditions – if there is high wind or a storm the analog channels are viewable whereas the digital display is affected more significantly.

"We know we don't have the best reception, but if the government is going to remove the option of viewing TV with analog I hope it helps people get all the channels in digital first."

Another person, commenting on a News.com.au digital TV report <<http://www.news.com.au/technology/television-as-we-know-it-starts-disappearing-today/story-e6frro0-1225886015118>>

said an antenna installer advised "everyone to stick to analogue or get cable TV instead because digital will never work here unless a new transmitter tower is built".

Continuing installation of digital broadcast transmitters and Viewer Access Satellite Television (VAST) <<http://www.mysattv.com.au>> mean regional households have options to avoid black spots.

VAST is a government-funded satellite service which provides access to the digital TV channels available in capital cities, including multi-channels like ABC2, ABC3, SBSTwo, 7Two, Go! and OneHD.

It will also broadcast the new ABC 24 hour news channel when it is launched later this year, in addition to a dedicated local news channel, according to the department.

Conroy said the government is committed to improving digital television services in all parts of Australia with the digital switch-over scheduled for completion on December 31, 2013.

The next analog switch off will be in regional South Australia and Broken Hill on December 15, 2010.

..

Not sure when we can expect to hear what the analogue switch-off plan for New Zealand is. (Bryan Clark)



MAILBAG

Editor

Mike Butler

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Auckland



Would members kindly assist by sending their contributions early. Mailbag will close on the 3rd day of each month and late entries will appear in the next issue. As always, your comments are appreciated and important in this column.

Last month Mike advised that he would be unable to continue to accept written or typed contributions from August onwards, due to his other tasks and the time it takes to transcribe them.

Theo Donnelly a longtime member of the League and now living in Canada has kindly offered to transcribe these contributions.

So please send any written/typed contributions for Mailbag early to the League P.O. Box in Auckland so Phil can scan and email them to Theo in Canada. (Mark Nicholls Chief Editor)

Many of our members, especially those who are also of the Ham fraternity will be very aware of what goes on inside our radios, but I am sure there will be some who do not. This brief description is written for them.

There are several types of radio receiver but nearly all those currently used will be of the type called 'Superheterodyne'- or 'Superhet' for short. This is the name for the system in which an incoming station's signal, obviously at the station's frequency, is made to beat (or mix) with a local variable oscillator (signal generator) to produce a constant lower frequency signal which can be amplified - resulting in better selectivity and signal gain.

So, our radio may have a **(A) Radio Frequency (RF) amplifier** to initially boost the signal from the antenna. This is usually tuned to stop or reduce signals being included from unwanted frequencies. The output from that is fed into the **(B) Mixer** - a circuit where it is mixed with the signal from the **(C) Variable Oscillator/signal generator**.

This produces two signals. (a) one at the difference between the frequencies of the two signals - called the Intermediate Frequency (I F) and (b) one at the sum of the frequencies of the signals.

The signal at the higher frequency (b) is rejected by an **(D) Intermediate Frequency (IF) filter** which accepts only the signal at the lower frequency (a.) This may be a crystal filter or mechanical filter which is switched to accept different bandwidths or degrees of selectivity. Or just one or two tuned circuits. The signal is then amplified by one or two **(E) IF Amplifiers** which add the main sensitivity and selectivity to the receiver. Here also is injected the signal from another variable oscillator/signal generator called a **(F) BFO**

Beat Frequency Oscillator which provides the carrier signal to compensate for that missing in SSB signals - necessary before the signal can be detected. (An alternative is a Product Detector served by a BFO)

Finally, the signal is converted into a variable DC current by **(G) Diode/Rectifier/Detector** which is itself amplified by several stages of voltage and power **(H) Audio Amplifiers**. Part of the signal fed into (G) is diverted to a separate **(I) AVC-automatic volume control diode/rectifier** which then provides negative bias to (A) and (E) stages above, so that the radio becomes progressively insensitive as the original signal increases- so your ears are not demolished! This AVC voltage also operates your S Meter.

This system has been used since the 1930s employing, in turn, valves/tubes, transistors and integrated circuits (ICs.)

Rich D'Angelo, Wyomissing, PA reports:

"Sue and I are off to Italy for two weeks beginning July 1st. Naturally, I am looking forward to the vacation; it is good to get away for a while. I have to decide if I want to look up any Italian DX'ers while over there. That decision has yet to be made. I need to understand our travel itinerary a little better to make any decisions along those lines. Anyway, in two weeks, I am gone for two weeks.

QSL returns seem to have picked up a little this month. I hope the trend continues through the summer months: Trans World Radio – Nauen 6105 verified an electronic report with a full data, including site, floral/logo card in 15 days from v/s Kalman Dobos in Vienna who previously replied electronically ; Deutschlandfunk Berlin 6190 verified for a second time (first time responded to an electronic report, this time to a postal report) in 56 days with a full data Satellite card indicating 17 KW from v/s U. Reyler (?); Voice of Mongolia 12085

verified with a full data "Sunset in the Winter in Western Mongolia" card and short personal letter from v/s Densmaa Zorigt, Mail Editor in 51 days via registered mail. Densmaa included e-mail address: densmaa9@yahoo.com. The letter mentions testing Internet radio and welcomes comments and suggestions; Radio Mushroom ("Nuclear Powered Shortwave Radio")-No. Am. Pirate 6925 usb verified an electronic report with a full data electronic attachment reply in 1 day mentioning in the accompanying e-mail "I see that you spotted a mushroom cloud last night. This seems to happen every time we tap into the core of a nuclear reactor and draw out 150 watts of pure nuclear energy ... If you spot a mushroom cloud in the future, you will know that Radio Mushroom was on the air;" Captain Morgan – The Pirate Zone - No. Am. Pirate 6925 verified and electronic report with a full data electronic attachment of a pirate ship in 9 days from Captain Morgan." We certainly wish you a wonderful trip and thanks for you news.

Ian Wells, Mosgiel wrote, "This is my first contribution to the DX Times for many years, probably the first this century in fact. Although I'm still based in Mosgiel, I now live and work in Oamaru during the week. As a result I have become a little more active, armed with a Sangean 909 and a 1 metre loop. I've received the following email verifications in response to reports:

From March reception: KOKC 1520 kHz and KDIA 1640 kHz

From May reception: Radio Nueva Q 1570 kHz in Lima, Peru for my 16th mediumwave

country. This gave amazingly good reception over a couple of weeks, especially as Manuel Soto of Corporation Radial del Peru says it only uses a 10 kW transmitter. I'd be keen to learn of an email address that works for reception reports for Radio Disney, especially KMIK 1580, as I've not had any response to my report sent by normal mail." I am very pleased to welcome you back to the column, Ian and congratulations on your getting your 16th country. I'm a Sangean user too but mine is a much older ATS-803A for day to day work and the much smaller ATS 808 for holidays. It's great that you are now able to enjoy more of our hobby and I hope we'll hear much more from you soon. Can someone help with Ian's request ?

Des Davey, Te Kuiti says "Our Queen's Birthday weekend was a real wet one - it persisted all weekend so I got bugger all done outdoors. I spent quite a bit of the long weekend shortwave listening. We need some damn good frosts to dry up the soggy soil now. Well I've got a ride to the RSA club in about half an hours time, so I had better get my A into G ! I haven't been to the RSA for about 2 weeks now, so I'm going to treat myself with a nice beer or two and a chat with some of my ex Comrades, eh." His reports are out to: Vanuatu 5055 (don't know if they will QSL or not but hope for the best!) RNZI 6170 13730; RFI 7205; V.of Croatia 9925. QSLs to hand from: R. Bulgaria 7400; V.of Turkey 7205 7700; DW 11865. Good as always to hear from you Des. 'Twas just as well it rained a bit in the North KingCountry to get you onto the job of Dxing !

Our Shortwave Report Editor, **Ian Cattermole, Blenheim** sent us his list of QSLs for June:

RNW Issoudun 11970, Bonaire 15540, Germany 9740; Radio Prague 9790 11700; Radio Fly 3915; AIR 6180; Radio Austria Int 17855; CRI 9675, Sackville 6020, Cerrick 11710; VOR 13775 15170 12065; RCI Sackville 6100; RUI. 6145; BBC Cyprus 9410; Voice of Vietnam 9550, Sackville 6175; RDW Kigali 7240; Bible Voice BC Germany 9645 9735 11855, Issoudun 13580; WWCR 4775; WYFR Montsinery 6100; RRI 15750 7335. What a great bunch Ian - and extending your considerable lead in the top League Shortwave Ladder !

Ron Killick, Christchurch writes "Well after weeks of !!!! we had wall to wall blue today and a long lost yellow thing to decorate it all. Did manage a single report to RFA during the month, but got 4 inwards, so I guess that shows some improvement for mid-year. They were: CRI-Noblejas 9690 Hani minority card; RFA-Tinian 9895; UAE 9805 and RNW-Saipan 9410 cows by a farm (wonder if they have the same gas problem as reputedly in this country). Keep up the good work." We hope to, Ron and we hope you will too. Very nice that you have received good results from your reporting.

Terry Nielsen, Christchurch advises his QSLs received in May and June: RNW Issoudun 9898, Santa Maria 11935, Saipan 9410,12065; Vo Greece Avlida 9420; R. Romania Tiganesti 17780; V o Russia Irkutsk 17805; Vatican R. Santa Maria 7250,11740, Tashkent 11850; Polskie R. Woofferton 11860, Moosbrunn 11675; CRI Urumqi 17570, Kunming 15210, Habana 9790; AWR Wertachtal 15255, Agat 11850

15320; La Voix de L'Orthodoxie Alma-Ata 9950; WEWN Vandiver 5810; HCJB Global Kununurra 11750; ABC Brandon 5995. We do appreciate your contribution Terry and that list represents great work.

Bryan Clark Mangawhai reports his shortwave listening highlights for the month as getting positive identification of Star Radio Liberia (on 18 June) and hearing Sikkim for the first time, running late with World cup soccer commentaries on 4837.22. A parallel transmitter on 4760 at poor level is likely to be Leh in Kashmir.

On medium wave 1650, WHKT in Portsmouth Virginia was first heard on a new talk format on 9 June. To validate the log I phoned the on-air announcer Brian Holland who was soliciting calls. Whilst I continued recording the DX, Brian bragged to listeners about the station's coverage being as far as Scandinavia and New Zealand. This is probably my last contribution until October as we are off to Europe and the Middle East for an extended holiday.



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BROADCAST NEWS

Editor Bryan Clark
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ARGENTINA New on AM from Buenos Aires City is Radio AM 1710 on 1710kHz. Heard by Arnaldo Slaen with a relay of an FM station in Paraguay. Radio Antares from Manzanares-Pilar on 1650 AM has also been heard. (Arnaldo Slaen, Argentina, June 21, condiglist yg via Glenn Hauser's DXLD)

AUSTRALIA On 23 June, Gary Deacon in South Africa heard an ABC test transmission from Busselton WA on 1152 kHz - a new proposed ABC News Radio service for the Bunbury-Busselton area. The test transmission, heard via the Sony SRF-M37V ultralight receiver and 220 metre BOG directed towards Perth, was verified promptly by Graham from ABC Master Control. Apparently the Federal Government has pledged additional funding for the expansion of new ABC News Radio services into all centres around Australia with populations of more than 10,000 (subject to the availability of spectrum) and will include over 80 frequencies by the end of 2010 according to the ABC News Radio website, says Gary. According to Bruce Portzer, the ACMA website says this is a 10kw transmitter with the call sign 6PNN. Gary Deacon has also discovered that ABC Radio National from Busselton has relocated from 1224 AM to 1269 AM. On 28 June he heard ABC News Radio Busselton in operation with a BBC relay and 6RN Busselton 1269 with "Australia Talks", parallel to his most consistently heard West Australian 6RN on 1296. (via Coastal Roundtable Yahoo Group)

CANADA (thanks to IRCA's DX Monitor magazine June 2010)

- 620 CKRM Regina SK has changed from Country to Country & Sports format.
- 1370 CFOK Westlock AB drops 'The Fox' slogan for '1370 CFOK' with Classic Hits format.
- 1400 CKGR Golden BC granted move to FM 106.3 with 890 watts.
- 1610 CHHA Toronto ON proposes increasing nighttime power from 1kw to 6.25kw.

MEXICO A COFETEL press release notes authorisation of a new expanded-band station on 1670 in Cd. Anáhuac in Nuevo León (not too horribly far from Monterrey in northeastern Mexico). The station was authorized last November to the Universidad Anáhuac.

Another news release notes the progress of the country's voluntary plan to move AM stations to FM. In Region I (Campeche, Quintana Roo, Tabasco, and Yucatán), *every* authorized AM station requested an FM frequency. I don't *think* the deadline has yet

expired for applying in the other five regions.

Under the plan, AM stations receiving an FM frequency must begin FM operation within a year. They are required to leave the AM station on the air for a year after the FM launches, simulcasting the FM (similar to Canadian practice but with a much longer simulcast period). In cases where populations receive only AM signals, COFETEL may require the AM simulcast to continue for an indefinite period, beyond one year (Doug Smith NRC-AM 16 June via WORLD OF RADIO 1518, DXLD)

USA (items from IRCA's DX Monitor magazine June 2010)

- 560 WQAM Miami FL granted 50kw days, 25kw nights DA-2 but has subsequently requested 30kw/25kw from a new site that puts a better signal over Miami.
- 600 WREC Memphis TN has applied for 5kw day & night, DA-2.
- 630 KJNO Juneau AK granted 5kw days, 1kw nights, non directional antenna.
- 770 KCBC Manteca CA has applied for 50kw days, 4.1kw nights DA-2.
- 790 WPNN Pensacola FL has change of format to News/Talk.
- 910 KTRO Portland OR has changed callsign to KKSX
- 940 KYNO verified by Curtis Johnson, Director of Programming, address 1415 Fulton St, Fresno CA 93721. (Martin Foltz)
- 950 KIYU Galena AK is back on air with variety format.
- 970 KCMD Portland OR callsign changes to KXFD
- 1060 Application for experimental permit at Captain Cook HI has been dismissed. Was for 5kw non-directional, day & night.
- 1150 KJBO Baton Rouge LA seeks power increase to 15kw day, 5kw nights DA-2.
- 1310 New station at Bakersfield CA CP granted for 1.4kw days, 2.5kw nights DA-1.
- 1330 New station at Porterville CA granted construction permit for 1.5kw days, 50 watts nights DA-2.
- 1360 new Santa Maria CA requests 2kw day & night DA-2 but also has an application for 1kw/1kw ND.
- 1410 WNGI Mobile AL with Religion format is reported Silent.
- 1410 CKSL London ON changes format from Adult Standards to Oldies.
- 1460 KCKX Stayton OR drops Spanish Religion for Spanish Easy Listening.
- 1510 KPIG Piedmont CA has applied for 8kw day, 2.4kw nights DA-2.
- 1540 KGBT Galveston TX has replaced Oldies format with Chinese.
- 1600 WMNE Riviera Beach FL call letters changed to WHTY.
- 1600 KATZ St. Louis MO applies for 6kw days, 3.5kw nights.

X-BAND UPDATE from IRCA's 'DX Monitor' June 2010

- 1610 CHHA Toronto ON is new with Spanish format. Noted 25/6 at 0455 UTC with "You are listening to CHHA 16-10 AM Radio Voces Latinos. Canada's first ethnic and community radio station. Owned and operated by... studios are located at 22... in Toronto, Ontario, Canada. Postal code is N6B 2N9. Telephone number is 416 278

2953. Email address... and the website address is...." then into Spanish. (Kraig Krist)
- 1630 KCJJ Iowa City. IA 6/23 0055-0135. "...only 1 will open the door to the KCJJ... summer... mighty 16-30 KCJJ your home for...." (Kraig Krist)
- 1640 KFXV Enid OK format now Southern Gospel, slogan "Faith 1640".
- 1650 WHKT Portsmouth VA has returned to the air with Talk format. Heard at 0500 UTC with "Get the latest news right here on AM 670 WPMH". "Here's your WHKT, WPMH overnight weather..." into ad for "Big Red Gum". Into Dennis Miller Show". "WPMH and WHKT Portsmouth. This is conservative talk radio 'Freedom 16-50'" into CBS news. (Kraig Krist)
- 1650 WHKT verified by letter & bumper sticker from QSL Assist, 2109 Thoroughgood Rd, P O Box 5131, Virginia Beach, VA 23455 in 846 days. (Kraig Krist)
- 1660 KRZI Waco TX applies for minor change of site – to the original site for KRZI 1580 prior to moving to the expanded band. 10kw days, 1kw nights.
- 1660 WQLR Kalamazoo MI w/id as "Fox Sports Radio 16-60 'The Fan'." (Kraig Krist)
- 1690 WVON Berwyn IL w/ident for the 'Talk of Chicago 16-90 WVON.'" (Kraig Krist)
- 1700 WEUP Huntsville AL with endless Gospel singing, ident as "17 hundred WEUP 'The People's Station'." (Kraig Krist)



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BRANCH NEWS

Chief Editor
Upper Hutt

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AUCKLAND BRANCH

On Sunday 27th June, Auckland Branch did not have a branch meeting as such, as the formal time was taken up by the League's Special General Meeting which approved the new June 2010 Constitution. For this meeting our branch was represented by Malcom Holmes as Delegate. Our local President, Barry Williams welcomed League President Bryan Clark and the other members who were all from our branch.

These were, apart from Malcolm, Phil van de Paverd, Bill Rawlinson, David Crozier, Mike Butler, Bryan Marsh, Yuri Muzyka and Paul Friedrichs, whom we had not seen for a long time and who had driven all the (long) way from Orewa for the occasion. Thus we had an attendance of 10 for the SGM. As Bryan Clark said at the end of the meeting, "It was a lively and useful discussion," and could be added, an informative one as well. Afterwards we had tea, coffee and cake and a very enjoyable chat.

The next Branch Meeting is on Sunday 25th of July at 2pm. Contact Barry 815 4126 (09 if outside of Auckland.)

WELLINGTON AREA BRANCH

The next gathering will be Wednesday July 28 at the, Beach Babylon Cafe, Oriental Bay at 12.45pm.

Free 2 hour parking across the road. Hot coffee, good food, great company, so come along.

Email David at info@radioheritage.net to go on the local mailing list.

CHRISTCHURCH AREA BRANCH

June 20th meeting had one arrival (Douglas), never the less a good range of topics were covered between eats and cuppa.

The question of next gathering was left in abeyance as Frank and Ron are both busy or away for the next couple of months. Unless other members wish to arrange a gathering.

OTAGO BRANCH

The next branch meeting will be on August 28th 2010 at Ian Wells address, 16 Fenty Place from 2pm - 4pm.

The last meeting at David Millers place Mediumwave was the main topic with Homebrew loops being shown off made by David Miller and Phil Garden and comparing against the Tecsun AM100 .

ADCOM NEWS

Editor Bryan Clark
Mangawhai

email
adcom.news@radiodx.com



NEW LEAGUE CONSTITUTION APPROVED A special general meeting of the NZ Radio DX League in Auckland on 27 June voted unanimously to adopt the new constitution that will significantly change the club's governance model.

When the DX League was founded in 1948, voting at general meetings was restricted to elected officials and branch delegates. Subsequently members elected to life membership were also able to cast votes. Under the new constitution, now in effect, anyone who is a NZ resident and has held membership for at least 3 years, will have voting rights, or can assign a proxy for someone who will be present at a League Annual General Meeting or Special General Meeting, to vote on their behalf.

Other features of the new constitution are:

- Simplified rules for formation and running of local branches. The minimum number of members falls from 5 to 4, and there is no formal requirement for a committee structure or keeping/reporting on branch finances. The main aim of a branch is now stated as "providing members with the opportunity for local social interaction and practical support for pursuing their DX hobby."
- Recognition of the Internet as an increasingly important means of supporting the DX hobby and our members, with a club website administered by a Webmaster appointed by, and responsible to, the Administration Committee.
- A requirement for any media comment in the name of the DX League to have prior approval of the Administration Committee.
- Additional guidance on running of the Annual General Meeting and Special General Meetings. A special general meeting can now be scheduled by the Administration Committee if requested by 15 financial members, with at least 12 weeks prior notice of the time and place.
- The role of the Administration Committee has been clarified, as "the management of the League, in accordance with policy which has been determined or ratified by the General Meetings".

The new constitution will be published at our website www.radiodx.com shortly, and members may request a printed copy by writing to our National Secretary **MIKE BUTLER** at the address published elsewhere in this magazine.

WELCOME TO NEW MEMBERS - LES COLE from Hamilton, who found out about the League in the Break-in magazine, and **BARRY WARD** from Port Waikato, who joined up at the recent NZART conference. Both of course are also radio amateurs – call signs ZL1KF and ZL1AGR respectively.

WORLD RADIO TV HANDBOOK FREE SUPPLEMENT AVAILABLE The WRTH editorial team is pleased to announce that an update for the Summer (A10) schedules file is now available for download for <http://www.wrth.com> (via **PHIL VAN DE PAVERD**)

RADIO JAPAN SEEKS PROGRAMME MONITORS NHK WORLD is seeking program monitors to contribute to the improvement of programme production of RADIO JAPAN and NHK WORLD TV. See <http://www.nhk.or.jp/nhkworld/english/monitor/index.html>

ALICE WILLIAMS News of Alice's passing on 13 June appeared as a footnote in this column last month. Adcom members **BRYAN CLARK** and **MIKE BUTLER**, along with local branch members **DAVID CROZIER** and **GRANT MANNING** represented the DX League at her funeral. Alice was always very supportive of her husband Barry's long involvement with the DX League and the Auckland Branch. She attended most of the DX conventions in the



Auckland Region, to provide the catering services, and also attended some conventions in other centres. The accompanying photo shows Alice in convivial mood (as many will remember her), with daughter Barbara, serving up an excellent meal for participants at a DX Convention at Motu Moana Scout Camp, Green Bay, Auckland.

BBC MONITORING UNDER THREAT According to a 'Guardian' newspaper report by James Robinson on 9 July, this well-known professional radio monitoring operation faces significant job losses and even a risk of closure. Chris Westcott, director of BBC Monitoring, told employees in a briefing on Monday that the "situation is grim" and the organisation is at a "tipping point". It could even be closed down, he warned. BBC Monitoring employs about 450 people in the UK and overseas, with a main base at Caversham Park in Reading. It tracks and translates press, TV and radio reports from 150 countries in more than 100 languages. The organisation's role and funding is being examined by the government as part of its strategic defence and security review, the first for 12 years. The service can trace its routes back to 1939, when a forerunner was founded to provide the UK government with information about wartime propaganda and press reports from overseas. It played a key role keeping UK governments informed during the Cold War and has provided coverage of dozens of key historical events, including the failed 1956 Hungarian uprising, the 1962 Cuban missile crisis and the overthrow of the Shah of Iran in 1979. (via Media Network July 2010)

PHIL BARTON, a former long-time member of the DX League in Wellington, died on 17 June at the age of 84. Phil had been in care with Alzheimers for the past couple years. When he knew that his health was deteriorating, he decided to give up the hobby and donated most of his bits and pieces and books to the Quartz Hill User Group. The sale of the items made a welcome addition to the group's funds. Thank you to User Group

and DX League member **RALPH SUTTON** who attended Phil's funeral and conveyed condolences on behalf of the League.

ABSENT ON LEAVE I will be overseas until October so this column will take a break until the November magazine. **DAVID RICQUISH** will be handling the medium wave news for the next 3 months, and all DX League administrative issues should be referred to our Secretary **MIKE BUTLER** – see elsewhere for his contact details. **Bryan**

NORTH OTAGO BRANCH ARCHIVAL REPORT received from **PETER GRENFELL**.

In 1971 the North Otago Branch set up a project committee to preserve radio listening material. Over the years this material accumulated and was stored in various places. In 1996 the Hocken Library in Dunedin agreed to provide a permanent home for the many collections of past and sometimes present D.X.ers. In recent times the Hocken and the League have reviewed the policy arrangements and this has necessitated some changes. Over the years the North Otago Branch has accumulated miscellaneous material and several files of letters.

On the 13th July 2010 our Patron the Rev. Dr. Frank Glen took to the Hocken Library all the remaining material and records to deposit these at the Hocken with the League Archives.

Some of this material contains profiles of several well known D.X.ers who were and some still are members of the League. Newspaper clippings from the collections of Jack Fox and Peter Grenfell some going back to the 1930's were included. Also deposited were a selection of early copies of the magazines "The Broadcaster" and the "N.Z. Radio record" some going back to 1937. These magazines were the forerunner to the Listener and contain an interesting glimpse into the early days of radio in N.Z.

ANNUAL GENERAL MEETING 2010

The Meeting will be held on October 31 2010 at 2pm at the Western Suburbs Radio Clubrooms at 3000 Great North Road, New Lynn, Auckland.

NOMINATIONS OF NATIONAL OFFICIALS

Nominations for the positions of Patron, National President, National Vice President, National Secretary, National Treasurer, Chief Editor, Public Relations/Publicity Officer and Competition Secretary are now called for. Nomination forms may be obtained on application to the Secretary. To be included in the proxy form to be published in the September issue of the DX Times, a correctly completed form must reach the Secretary by 1 September 2010.

REMITTS TO THE AGM 2010

Likewise if these are to be included in the above proxy form, these must reach the Secretary by 1 September 2010



On the **shortwaves.com**

From NZRDXL member Jerry Berg, 38 Eastern Avenue, Lexington, MA 02421, USA
NEW HISTORY MATERIAL AT <http://www.ontheshortwaves.com>

Under "Specialized Resources," we have posted five more sets of "The Pioneer Days" column from the NNRC bulletin. In these columns, Carroll Weyrich looked back at what was happening in the NNRC from the 1930s through the 1950s. These columns were published in the years 1974 through 1978. -- Also under "Specialized Resources" you will find two more "Wavescan" stories, both from May 2, 2010: "The VOA at Ocean Gate, NJ," and "Earthquake Radio in Haiti."

In "DX History/Recordings," John Herkimer has posted a special Radio Canada International Shortwave Club LP recording produced in 1974 by Ian McFarland, producer and co-host of the Radio Canada Shortwave Club. Copies were offered as a prize in an RCI Shortwave Club survey contest. (Some copies were also available at various DX gatherings.) Side 1 of the LP contains an introduction by Jim Coward, host of the Radio Canada Shortwave Club; a long discussion about World DX Friendship Year 1973, originally broadcast on October 6, 1973 and featuring participation by Harry Van Gelder (Radio Nederland), Reg Kennedy and Henry Hatch (BBC), Arne Skoog (Radio Sweden), and Arthur Cushen (Radio New Zealand); and a segment on SWBC transmitting antennas. Side 2 contains segments on SW receiver specifications; interference (with examples of 14 different kinds); and the Northern Lights; plus a closing message from Ian McFarland. Thanks to John for this nice piece of SWBC history. -- And under "Specialized Resources," two new "Wavescan" stories, both from May 9, 2010: "Early Mediumwave Stations in the New Pakistan," and "American Applause Cards." (For some examples of applause cards, search for "Applause Cards" in the "QSLs & Other Station Memorabilia" section of the "DX History" page of www.ontheshortwaves.com.)

Under "Specialized Resources/Radio Postcards," you will find some new cards from Arkansas and Alabama. From Arkansas: KFPW, located in the Hotel Goldman, Fort Smith; the "radio receiving station" in the Hotel Mariana, Mariana; and an unidentified antenna array atop the AOUW ("Ancient Order of United Workmen") Building in Little Rock. From Alabama: WDNG, Anniston; WTBF, Troy; a photo of WJMO, Opelika; and an unidentified tower at Duncan Place in Mobile. -- And under "Specialized Resources/Wavescan," two more stories (May 16, 2010): "Early Shortwave Stations in the Philippines" and "Radio Broadcasting from Japanese Ships."

Under "Specialized Resources/The Pioneer Days," you will find the final four years--1979, 1980, 1981 and 1982--of Carroll Weyrich's NNRC column, "The Pioneer Days." The final column was in April 1982, which was the month the club closed down. Also in "Specialized Resources," there is another edition of Adrian Peterson's "Wavescan" (May 23, 2010), "Radio Broadcasting on Lonely Ascension island-1."

Under "DX History/Philately," we have posted a file containing eight radio-related postal covers from Canada. The first five were issued in connection with the 1971 "RCI Speaking to the World" stamp commemorating RCI's installation of new high power transmitters in Sackville, New Brunswick (the fourth cover has an explanatory insert). The sixth cover features the CBC "exploding pizza" stamp issued in 1986 (the reverse of the cover explains this well-known CBC symbol). The seventh cover is also from 1986, and features an overprint memorializing the 1986 ANARC Convention in Montreal. The final cover memorializes the first Seventh Day Adventist Church World Session held in Canada (2000), and includes an Adventist World Radio-Toronto imprint on the front. Two other Canadian covers were posted in our "Philately" section in the past, one from 1971, the other from 1986; to locate them, search the section for "Canada." -- Under "Specialized Resources" we have posted another "Wavescan" script with two stories (May 30, 2010): "Radio Broadcasting on Lonely Ascension Island, the BBC Atlantic Relay station," and "Radio Events in the Chile Earthquake."

Under "Specialized Resources/Radio Postcards," there is a new file containing eight postcard views of the 500-room U.S. Grant Hotel in San Diego, California, home of station KFSD. The extensive antenna structures are prominent on the roof. At one time the overcrowded hotel offered guests a fresh air alternative--one of 20+ completely furnished rooftop tents! These are visible on the fourth and fifth cards. -- In "DX History/Stations," we have posted a booklet, "Lyngby Radio Calling," which tells the story of Lyngby Radio, OXZ, the Danish coastal station whose history dates back to 1904. (Lyngby Radio ceased operating on shortwave on October 1, 2009.) Thanks to Jim Cumbie of Texas for sending this in. -- And under "Specialized Resources/Wavescan," two new stories from Adrian Peterson (June 6, 2010): "The Temporary VOA Relay Station, Hicksville, Long Island, New York" and "Early Mediumwave QSL Cards."

Jim Cumbie has sent us some additional material. Under "DX History/Clubs & Publications" you will find the Statistics column from the December 1956 issue of the NNRC Bulletin. I see some familiar names there. -- Also this week, under "Specialized Resources/Wavescan," a new Wavescan entry from Adrian Peterson (June 13, 2010), "Early Mediumwave Stations in Japan."

We have begun a new section under "Specialized Resources." It is called "DX Newsletters." In the pre-internet days, the monthly club bulletin was the principal means for disseminating DX information throughout the listening community. DX newsletters were a second vehicle. Shorter in length, and often issued more often than monthly, they served up DX information more promptly, and usually to a smaller audience. Here we will be posting samples of some of the DX newsletters of days gone by. Thanks to John Herkimer for the first NL posted here: a June 1949 issue of Ken Boord's "Flash Sheet." The Flash Sheet served as an information exchange among some of the most faithful contributors to Boord's Radio & Television News column, which he edited from 1944 to 1955, and an important source of information for the column. -- And under "Specialized Resources/Wavescan," three more entries from Dr. Adrian M. Peterson: (1) "Non-QSL Cards, Mediumwave and Shortwave" (June 20, 2010); (2) "1938 Eclipse Broadcasts from Antarctica-South Georgia-Radio Broadcasting from Shortwave Communication Station ZBH" (July 4, 2010); and (3) "Radio Panorama 1-Ancient Predictions" (July 4, 2010).