

N.Z. RADIO



LEAGUE

# New Zealand DX Times

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New Zealand Radio DX League (est 1948)  
September 2010 Volume 62 Number 11

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N.Z. RADIO



LEAGUE



Deadline for next issue is Wed 6th Oct 2010 . P.O. Box 39-596, Howick, Manukau 2145

## CONTENTS

### REGULAR COLUMNS

<b>Bandwatch Under 9</b>	4
with Ken Baird	
<b>Bandwatch Over 9</b>	8
with Bryan Clark	
<b>English in Time Order</b>	10
with Yuri Muzyka	
<b>Fcst SW Reception</b>	12
Compiled by Mike Butler	
<b>Shortwave Report</b>	13
with Ian Cattermole	
<b>DXissimo</b>	19
with John Durham	
<b>Utilities</b>	21
with Arthur De Maine	
<b>FM News and DX</b>	24
with Adam Claydon	
<b>TV News and DX</b>	26
with Adam Claydon	
<b>Mailbag</b>	27
with Mike Butler	
<b>Broadcast News</b>	30
with David Ricquish	
<b>Branch News</b>	32
with Chief Editor	
<b>ADCOM News</b>	33
with Chief Editor	
<b>Ladders</b>	35
with Stuart Forsyth	

### OTHER

<b>AGM Proxy Form</b>	36
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<b>ADVERTISEMENTS</b>	
<b>PK's Loop Aerials</b>	31

## FRONT COVER

NZART Quartz Hill  
See Adcom page 33 for more  
information.

Another smaller than usual  
publication this month.

Don't forget to fill out and return  
the AGM Proxy Form on page 36  
(Back page) if you wish to vote in  
the AGM and are not attending.

Radio St Helena Day cancelled for  
this year. See page 15 for more  
information.

*Mark Nicholls*  
Chief Editor

### CLOSING DATES FOR THE NEXT 3 MONTHS 2010

October	Wednesday 6th October
November	Wednesday 3rd November
December	Wednesday 1st December

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.

### VOTING - PROXY FOR AGM 2010

A proxy form for completion, removing and posting is printed on page. 36 of this issue.

It is necessary to follow the 'Important Notes' at the end of the form exactly to avoid your vote being invalidated.

Those attending the meeting should not complete this form.

### CHRISTCHURCH EARTHQUAKE.

ADCOM is concerned, as we are sure everyone is, that our members in the

earthquake zone survive this horrendous event without any lasting scars. Here we affirm our good wishes to all of them. Individual letters have already been sent from the League to each member in that area, expressing our support.

*Mark Nicholls*  
*Chief Editor*

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

dxtimes@gmail.com

## 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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### Advertising Rates:

'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**

0340	7255	ASCENSION IS, BBC fair in English with talk about Libya and terrorist who was freed, ID 0344 – KAB 20/8
2485	1045	AUSTRALIA, VL8K Katherine with live sports commentary, poor and v noisy – DD 20/7
2850	1628	NTH KOREA, R Pyongyang good with music – DD 1/8
3275	1105	PNG.Mendi. R. Southern Highlands. Poor level 28/8 JD
3290	1100	PNG. Boroka.R. Central Fair -Quite Good.Usually best heard PNG station 30/8 JD
3335	1057	PNG.Wewak. R East Sepik. just fair level. 30/8 JD
3365	1113	PNG. Alotau. R.Milne Bay.Fair most evenings. 30/8 JD
3385	1110	PNG. Rabual. R.East New Britain. Just audible. 28/8 JD
3480	1605	STH KOREA, KCBS fair but noisy in Korean // 3910 the same – DD 1/8
3905	1019	PNG, R New Ireland fair with pleasant music – DD 23/7
3905	1100	PNG.Kavieng. R.New Ireland. Full ID. Good most evenings. 28/8 JD
3920	1036	STH KOREA, KCBS good but noisy in Korean – DD 23/7
3925	1025	JAPAN, R Nikkei poor and noisy in Japanese – DD 23/7
3985	2026	CHINA, CNR-2 Golmund China Business Radio poor in Chinese – DD 20/7
4319U	2014	USA, AFN fair but v noisy with news in English – DD 31/7
4460	1012	CHINA, CNR-1 Beijing poor in Chinese // 4750 Nanning poor – DD 16/7
4746.9	1115	PERU.Huanta. R.Huanta 2000 rather poor level with MX& Anncts 30/8 JD
4750	1110	CHINA CNR 1 fair level mixed with Bangladesh ? 28/8 JD
4780	2015	DJIBOUTI, R Djibouti fair with home service and music – DD 20/7
4820	2009	CHINA, Xizang Lhasa fair in Tibetan – DD 20/7
4840	1020	USA, WWCR good but noisy in English – DD 23/7
4880	1512	INDIA, AIR Lucknow poor & noisy with news in English – DD 1/8
4925	1115	INDONESIA. Jambi. RRI Poor - Fair with Koran reading. 30/8 JD
4930	1930	BOTSWANA, VOA poor and v noisy with news in English – DD 20/7
4940	1503	INDIA, AIR Guahiti poor & Noisy with music in English – DD 1/8
4970	1135	INDIA Shillong. AIR fair level with interesting MX. 30/8 JD
4975	1540	RUSSIA, V of Russia fair with documentary in English – DD 1/8
5020	1007	SOLOMON IS, SIBC fair with news in Tok Pisin and English – DD 23/7

5050 1140 CHINA. Naning. Beibu Bay Radio. Fair - Good with mainly MX.30/8 JD  
 5810 0450 USA, WEWN good but noisy in Spanish – DD 27/7  
 5935 0956 USA, WWCR fair but noisy in English – DD 23/7  
 5955 0458 JAPAN, R Japan/NHK good but noisy in Japanese – DD 27/7  
 5960 0345 CANADA, R Japan/NHK fair in Japanese with game show – KAB 20/8  
 5965 0657 COSTA RICA. REE via Cariari de Poloci. VG in Spanish. – IC 2/8  
 5975 2044 USA, WYFR fair but noisy in English – DD 20/7  
 6000 0405 CUBA, R Havana fair in English with World News, ID at 0411, a little  
 scratchy – CC 6/8  
 6015 0513 AUSTRIA, R Netherland good in Dutch with discussion // 5955 the  
 same – CC 15/8  
 6020 0348 ALBANIA, CRI good in Chinese with comment, ID CRI 0348 – KAB 20/8  
 6020 0930 AUSTRALIA, R Australia fair with news in English – DD 23/7  
 6040 2120 MOLDOVA. RNW via Kishenev. Fair in Dutch.- IC 23/8  
 6055 0352 SPAIN, REE good in Spanish with classical music followed by Marimba  
 music, ID 0358 – KAB 20/8  
 6070 0735 CANADA. CFRX. Weak in English.- IC 3/8  
 6125 0359 SPAIN, REE good in Spanish with female singer, ID 0400 followed by  
 comment – KAB 20/8  
 6140 0415 ROMANIA, R Romania Intl good with pop music in Romanian – KAB 20/8  
 6150 0750 CUBA. RHC. VG in Spanish.- IC 6/8  
 6170 0940 NZ, RNZI good with Pacific prgm – DD 23/7  
 6175 1930 GERMANY. Pan American BC. via MB. Good in English.- IC 21/8  
 6180 0430 PORTUGAL. RDW via Sines. Fair in English.- IC 1/8  
 7205 1630 ROMANIA, R Romania Intl good in Romanian with female singer  
 // 5690 the same – CC 25/8  
 7205 2152 FRANCE, RFI poor in French – DD 25/7  
 7220 1050 CHINA, CRI fair in Mandarin – DD 23/7  
 7230 0500 SOUTH AFRICA. Channel Africa. Poor in English.- IC 16/8  
 7235 2050 ALBANIA, CRI good in Chinese with rap music, then comment, ID  
 2059 – KAB 21/8  
 7240 0424 RWANDA, D Welle good in English with ID and item on Hiroshima  
 bombing – CC 6/8  
 7250 0450 VATICAN, Vatican Radio good in French with female talking // 5965  
 weaker with QRM – CC 29/5  
 7250 1056 CHINA, CRI poor and v noisy in Japanese – DD 23/7  
 7250 1820 VATICAN, R Vatican good in German – DD 5/8  
 7275 2100 SPAIN, REE good in Spanish with ID 2100 then news and comment – KAB 21/8  
 7310 0445 SOUTH AFRICA. BBC via Meyerton. Fair in English.- IC 2/8  
 7325 1100 CHINA, CRI fair in Japanese – DD 23/7  
 7325 2105 CHINA, CRI fair in English with news – KAB 21/8  
 7330 2110 SRI LANKA, D Welle fair in German with comment about tigers – KAB 21/8  
 7335 0335 ROMANIA, R Romania Intl song "The World Shouldn't Judge Me" then  
 more songs with ID 0341, good in English – KAB 20/8  
 7350 0340 ROMANIA, R Romania Intl fair in English – DD 27/7

7385	1106	CHINA, CRI good with news in Chinese – DD 23/7
7390	0330	GERMANY, R Liberty fair in unid language with comment – KAB 20/8
7400	2110	BULGARIA, R Bulgaria Intl poor in English with comment – KAB 21/8
7410	0325	GERMANY, R D Welle poor in Dutch with comment – KAB 20/8
7425	2145	GERMANY, AWR fair in English – DD 25/7
7435	2114	CHINA, CRI poor & V Noisy in Chinese – DD 11/8
7450	2010	GREECE. Radio Makedonias. VG in Greek.- IC 12/8
7475	0325	GREECE, FTH good in Greek with Greek music – KAB 20/8
7520	1845	ALBANIA, R Tirana good in English with opening ID and announcements, then news – CC 11/8
7560	1700	ARMENIA. WYFR via Yerevan. Fair in English. N/F. – IC 11/8
7730	1116	USA, WYFR fair in English – DD 23/7

## OVERSEAS LOGGINGS.

**All may not be audible in NZ at the times listed**

<b>kHz</b>	<b>UTC</b>	<b>Country, Station, Programme, &amp; Reception Details</b>
3200	0413	SWAZILAND, Trans World Radio – Manzini, 0413-0430* Aug 1, woman singing in German followed by religious talk by man and woman in German. Program close at 0429 followed by man with closing ID before carrier was cut. Poor but //4774 fair to good. (D'Angelo-PA)
3255	0435	SOUTH AFRICA, BBC – Meyerton, 0435-0450 Aug 3, BBC World Service English program features. Poor signal with much static tonight. (D'Angelo-PA)
4845	0247	MAUITANIA, Radio Mauritanie, 0247-0312 Aug 14, Middle-Eastern style music followed by discussion in Arabic by two men. No announcements at the top of the hour. Fair to good signal but static made this fair overall. (D'Angelo-PA)
4870	0258	DJIBOUTI, Radiodiffusion Télévision de Djibouti, *0258-0317 Jul 28, open carrier followed by orchestra national anthem at 0301; woman announcer with ID and opening announcements in Arabic. Brief musical interlude and news summary. Man with Qur'an recitation from 0305. Poor to fair. (D'Angelo-PA)
4930	0303	BOTSWANA, Voice of America – Moepeng Hill, 0303-0317 Aug 2, woman announcer with the news in English; ID at 0304, program previews followed by Daybreak Africa features. Fair with some splatter from CODAR. (D'Angelo-PA)
4965	0431	ZAMBIA, Christian Voice, 0431-0447 Jul 31, tuned in to vocals followed by a woman announcer in English talking about the Bible and Christian vocals. More music with ID by man at 0431. Fair. (D'Angelo-PA)
6030	0321	ETHIOPIA, Radio Oromiya, *0321-0347 Aug 2, opened with xylophone IS followed by ID and opening at 0329 in presumed Oromo language by a woman announcer. Man and woman talked briefly before Horn



- of Africa vocals commenced at 0331. Poor. (D'Angelo-PA)
- 6190 0324 GERMANY, Deutschlandfunk Radio, 0324-0347 Jul 23, classical music until 0329 when a man announcer spoke in German ending program. 3+1 time pips at 0330 followed by ID and a man announcer with news in German language. Regional news was at 0335. Return to classical music at 0340. Poor to fair. (D'Angelo-PA)
- 6925 0232 PIRATE (No. Am.), UNID, 0232-0342 Jul 22, man announcer with English talk prior to rock music selection ("Cold As Ice"). Seemingly gone but popped back up with more music and some talk. Poor signal and modulation making reception awful. (D'Angelo-PA)
- 6925U 0314 PIRATE (No. Am.), Radio Ga-Ga, 0314-0318\* Jul 28, man with rock vocal; ID by man announcer in English at 0318 as station closed. Poor to fair. (D'Angelo-PA)
- 6930U 0204 PIRATE (No. Am.), UNID, 0204-0207\* Aug 11, man talking over music about being scared of atom with song about atomic power. Carrier cut at 0207. Good signal. (D'Angelo-PA)
- 6930U 0408 PIRATE (No. Am.), WEAK Radio, 0408-0429\* Aug 11, rock music with standard "W-E-A-K, WEAK Radio" IDs by a woman announcer. ID and Gmail address by man at 0426 followed by Star Spangled Banner. Closing ID followed by woman announcer accompanied by instrumental music. Poor to fair signal. (D'Angelo-PA)
- 7255 2240 NIGERIA, Voice of Nigeria, 2240-2259\* Jul 18, program in listed Hausa language with discussion by various man announcers. ID and closedown followed by brief national anthem. Good signal. (D'Angelo-PA)

My thanks to all the contributors for this month.

## *Ken Baird*

### **CONTRIBUTORS FOR THIS MONTH**

- CC** Cliff Couch, Paraparaumu, ATS 803A, 60m horizontal loop.
- DD** Des Davey, Te Kuiti, Kenwood R5000, FRG 7700, 260 ft long wire.
- 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.
- (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  
 PO Box 39-596, Howick, Manukau 2145, or  
 K A Baird, 10 Sarabande Avenue, Christchurch, 8051.  
 e-mail to ka.baird@xtra.co.nz

# BANDWATCH OVER 9MHZ

Editor

Phil van de Paverd  
Auckland

email  
bandwatch.over9@radiodx.com



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!**

KHZ	UTC	Country, Station, Programme, & Reception details
9405	1500	GUAM. KSDA. Poor in Telugu after English IDs. 20/8, IC
9480	0440	RWANDA, DW, OM spkng – sounded like sports comtry, gd in GG, // 9465 much weaker, 29/8, CC
9500	2116	AUSTRALIA, Rad.Austr, with nx in EE, gd, 23/7, DD
9525	1013	INDONESIA, VOI, v/gd in EE, 16/7, DD
9545	2103	PORTUGAL, DW, with news in GG, fair, 11/8, DD
9590	1730	UAE. Sudan Radio Service via Dhabayya. Poor in English, IC
9625	2206	JAPAN, NHK, with nx in JJ, fair, bit noisy, 25/7, DD
9660	0500	VATICA, Vat.Rad, gd in EE to Africa, 8/8, DD
9690	2035	SPAIN, REE (Argentina, RAI. Ed), v/gd if FF, 23/7, DD
9735	0200	F.GUIANA. VOR voa Montsinery. Weak in Spanish 10/8, IC
9735	2110	GERMANY, DW, with nx in EE, gd, 23/7, DD
9740	2219	SINGAPORE, BBC, with nx in EE, fair, 30/7, DD
9765	2025	FRANCE, RFI, (Germany, AWR, Ed), v/gd in FF, 26/7, DD
9790	0538	FRANCE, RFI, YL & OM spkng, gd in FF, // 11700 the same, 11/8, CC
9795	0803	TAIWAN. Voice of Han. Poor in Chinese. 16/8, IC
9825	0510	USA, VOA, with nx in EE, fair but noisy, 8/8, DD
9895	0512	GERMANY, Rad.Neth, fair in Dutch, 8/8, DD
11620	2046	INDIA, AIR, with nx in EE, gd, 26/7, DD
11660	2118	AUSTRALIA, Rad.Austr, with news talk, gd in EE, 23/7, DD
11740	2122	CHINA, CNR-2. With home service, poor in CC, 23/7, DD
11750	1112	CHINA, CRI, with home service, v/gd in CC, 16/7, DD
11795	1851	FRANCE, RFI, YL spkng, gd in RR, // 9805 the same, 11/8, CC
11805	0400	UAE. Sudan Radio Service via Dhabayya. Fair in Arabic. 18/8, IC
11980	0430	TURKEY, VOT, Male vocalist, gd in Turkish, // 6040 much weaker & distorted, 6/8, CC
12040	2050	?, ?, closed at 2100 fair in EE, 26/7, DD
13590	1050	CHINA, CRI, "Life in China", v/gd in EE, 16/7, DD
13680	2050	JAPAN. NHK. Fair in Japanese. 12/8, IC
15110	2108	SPAIN. REE, v/gd in SS, 26/7, DD
15255	1530	GERMANY. AWR via MB. VG in English. 16/8, IC



15325 0200 JAPAN. NHK. Good in Japanese. 3/8, IC  
 15515 2134 AUSTRALIA, Rad.Austr, with hiphop music, fair in EE, 23/7, DD  
 15560 0235 THAILAND. RFERL. Fair in Turkmen via Udorn. 18/8, IC  
 15610 2140 USA. WEWN. Poor in English. 13/8, IC  
 15630 2145 GREECE. V. Of Greece. Fair in Greek. 13/8, IC  
 17750 0333 AUSTRALIA, Rad.Austr, with news in EE, exc, 27/7, DD  
 17760 0548 ROMANIA, RRI, Female vocalist, then OM with ID & nx, gd in EE,  
 // 9655 not so clear, 11/8, CC

## OVERSEAS LOGGINGS.

All may not be audible in NZ at the times listed

<b>kHz</b>	<b>UTC</b>	<b>Country, Station, Programme, &amp; Reception Details</b>
9575	0349	MOROCCO (Spanish), Radio Medi Un, non-stop Arabic vocals to 0400 ID and news in Arabic by a woman announcer. Return to music program at 0305 hosted by a man. ID and news in French at 0430. P/f in AA, 30/7, RDA
9665	0008	MOLDOVA, Radio PMR, man with news in English with ID, schedule and contact information read at 0011. End of English program followed by IS, ticking clock and opening of French program at 0312. Good. 3/8, RDA
11710.8	0158	ARGENTINA, RAE, ID followed by time pips at top of the hour; opening music and multi-lingo IDs. Opening of English program at 0202 with Argentine vocal selections. P/f. 11/8, RDA
11715	1433	USA, KJES – Vado, NM, man in English with religious talk followed by repetition by group. Religious song at 1439 followed by man announcer returning, ID in English by child at 1500 followed by a woman announcer with Spanish ID. Vocal selection after ID. Fair. 14/8, RDA
11940	0147	PORTUGAL, RDP Internacional, continuous Portuguese vocal selections. Woman announcer with ID ending program at 0158 followed by a man announcer in Portuguese with ID and closedown announcements. Five time pips at 0200 as carrier was terminated. Good, 22/7, RDA

## CONTRIBUTORS THIS MONTH

**CC** Cliff Couch, Paraparaumu, Sangean ATS 803A, 60 m horiz.loop  
**DD** Des Davey, Te Kuiti, Kenwood R-5000, FRG-7700, 50M long wire.  
**IC** Ian Cattermole, Blenheim, JRC NRD-535, Antenna EWE  
**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, Datong FL3, JPS ANC-4

# ENGLISH IN TIME ORDER

Editor

Yuri (George) Muzyka  
Auckland

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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
0333	17750e	Radio Australia	AUSTRALIA	27/7	DD
0335-0341	7335g	R Romania Int	ROMANIA	20/8	KAB
0340	7350f	R Romania Int	ROMANIA	27/7	DD
0340-0344	7255f	BBC	UK	20/8	KAB
0405-0411	6000f	R Havana	CUBA	6/8	CC
0424	7240g	D Welle	GERMANY	6/8	CC
0430	6180f	RDW	GERMANY	1/8	IC
0445	7310f	BBC	UK	2/8	IC
0500	7230p	Channel Africa	STH AFRICA	16/8	IC
0500	9660g	Vatican Radio	VATICAN8/8	DD	
0510	9825f	VOA	USA	8/8	DD
0548	9655f:17760g	RRI	ROMANIA	11/8	CC
0735	6070p	CFRX	CANADA	3/8	IC
0930	6020f	R Australia	AUSTRALIA	23/7	DD
0956	5935f	WWCR	USA	23/7	DD
1013	9525g	VOI	INDONESIA	16/7	DD
1020	4840g	WWCR	USA	23/7	DD
1050	13590g	CRI	CHINA	16/7	DD
1116	7730f	WYFR	USA	23/7	DD
1503	4940p	AIR	INDIA	1/8	DD
1512	4880p	AIR	INDIA	1/8	DD
1530	15255g	AWR	GERMANY?	16/8	IC
1540	4975f	V of Russia	RUSSIA	1/8	DD
1700	7560f	WYFR	USA	11/8	IC
1730	9590p	Sudan Radio Service	SUDAN	-	IC

1845	7520g	R Tirana	ALBANIA	11/8	CC
1930	4930p	VOA	USA	20/7	DD
1930	6175g	Pan American BC	GERMANY?	21/8	IC
2014	4319(USB)f	AFN	USA	31/7	DD
2044	5975f	WYFR	USA	20/7	DD
2046	11620g	AIR	INDIA	26/7	DD
2105	7325f	CRI	CHINA	21/8	KAB
2110	7400p	R Bulgaria Int	BULGARIA	21/8	KAB
2110	9735g	DW	GERMANY	23/7	DD
2116	9500g	Radio Australia	AUSTRALIA	23/7	DD
2118	11660g	Radio Australia	AUSTRALIA	23/7	DD
2134	15515f	Radio Australia	AUSTRALIA	23/7	DD
2140	15610p	WEWN	USA	13/8	IC
2145	7425f	AWR	GERMANY?	25/7	DD
2219	9740f	BBC	UK	30/7	DD The

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## **WIRELESS WEATHER HERE COMES THE SUN**

Some good news on the propagation front. Better days may be on their way.

Researchers at Boston University's Centre for Space Physics have announced they have what they term as sub-visual evidence that a new cycle of solar wind activity around Earth is finally starting. This based on observations of recent appearances of aurora near the North Pole accompanied by dimmer glows well south of that.

What has fascinated space scientists in recent years is the delayed onset of such effects this time around. Typically, the Sun has an activity cycle of about 11 years, with flares, C-M-E's and ejection of electrically charged particles called the Solar Wind. These cause changes in the Earth's magnetic field or magnetosphere that produce luminous auroral emissions in the northern most latitudes high in the Earth's atmosphere.

Such effects are subdued during so-called solar minimum years such as the case in 1996 to 1997. They are also very prominent in solar maximum years as they were in 2001 to 2002.

According to this cycle, called Cycle 24, a new wave of solar activity had been expected to start last year but the Sun remained dormant.

This had some solar observers predicting that we might be headed for a historic solar minimum. Now the Boston group says there are finally signs of the new cycle 24 appearing.

more about it at [tinyurl.com/34bk2pp](http://tinyurl.com/34bk2pp) (WIA News via Ray Crawford)

# SHORTWAVE RECEPTION FORECAST

## FOR OCTOBER 2010



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email  
propagation@radiodx.com

The Shortwave Bands below have given good reception in NZ within the recent Solar Flux Index range of 72-86. An \* = good reception only above Index of 75. October offers the greatest number of bands with good reception during all the hours we cover, in respect of both Middle East and Russia, with Europe close behind. Africa and Cent. America are good in the evening.

### Times-Shortwave Bands:

UTC	MHZ	UTC	MHZ	UTC	MHZ	UTC	MHZ	UTC	MHZ
Europe		Africa		Russia		Australia		Cent America	
18	4-11,17*	18	6-15	18	6-7	18	6-11	18	-
19	6-15,17*	19	6-15	19	6-9	19	5-11	19	-
20	6-15	20	7-15	20	6*7*	20	6-11	20	-
21	9	21	7	21	-	21	6-15	21	-
22	11	22	9	22	11	22	9-15-21*	22	-
23	11-15	23	-	23	-	23	11-17,21*	23	-
0	9,15	0	9	0	-	0	13-17,21*	0	-
1	9	1	-	1	-	1	13-17,21*	1	-
2	7-9	2	9,11*	2	9	2	13-17,21*	2	-
3	6-9	3	9,11*	3	9	3	11-17,21*	3	9
4	6-15-21*	4	6-11	4	6-9	4	11-17,21*	4	6-9
5	6-15-21*	5	6-11-15*	5	7-11,17 21	5	7-17	5	6-9
6	6-11-15*	6	5-9	6	6-21	6	5-15,17*	6	5-11
7	6-17	7	6-9, 15*	7	7-17,21*	7	5-17	7	5-11
8	6-17	8	9	8	7-17	8	5-17	8	5-11
9	9-21	9	-	9	6-17	9	4-11	9	5-9

Middle East		Asia		North Pacific		Nth America		Sth America	
18	6-11	18	5-9-13*	18	6-9	18	17*	18	-
19	6-11	19	6-9-13*	19	7-15	19	6-9,17*	19	15
20	7-11	20	7-11	20	7-13	20	9-13	20	-
21	7*-11*	21	9-11-15*	21	11-15x17	21	9-21	21	-
22	-	22	9-15	22	13-15x17	22	9-11,17-21	22	15-21*
23	-	23	15	23	15x17	23	-	23	-
0	-	0	13-17	0	17	0	-	0	-
1	-	1	9-17	1	17-21	1	13	1	11, 21
2	9*11*	2	9-17	2	15-17,21*	2	-	2	11- 21
3	7-15	3	11-21	3	15-21	3	7- 11*	3	9,11*21
4	6-15,17*	4	9-17	4	9-21	4	7-9,11*	4	6-9
5	6-15	5	13-17,21*	5	9-21	5	5-11	5	6-11
6	9-17	6	15-17,21*	6	5-21	6	5-9	6	5,11
7	15	7	9-17	7	5-21	7	5-9	7	5-9
8	-	8	6-15,17*	8	5-15,17*	8	5-9	8	5-9
9	15-21*	9	5-17	9	5-15	9	5-9	9	5-9

x=not Hawaii. The August Solar Flux avge. was 79.5 - below July's 79.9.

# SHORTWAVE REPORT

Editor

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## Campaign to clean up 40 meters underway

The South African Radio League's councillor for the IARU Monitoring System (IARUMS), Fred Scheepers, ZS1FCS, invites radio amateurs and shortwave listeners to join a campaign to remove non-amateur stations from the 40 metre amateur band.

It requires many persons to monitor the band from 7 000 - 7 200 kHz for intruders and record their details such as the station ID, the frequency and time. Many intruder broadcast stations will broadcast their ID on the hour and half hour.

If you cannot understand the language make an mp3 recording or a wave file and add it to your report. Fred has set a special email address that is easy to remember. It is intruder@sarl.org.za . (Source: South African Radio League via Southgate Amateur Radio Club/R Netherlands Media Network Weblog)

## ALGERIA.

West Sahara Liberation Front POLISARIO Radio has shown up again on short wave and was heard with news in Arabic at 22 hours on 6297 kHz. The program is also broadcast on 700 kHz. (SW Central)

## ARMENIA

WYFR Family Radio started broadcast in new language-Bulgarian  
1800-1900 7560 ERV 300 kW 280 deg to SEEu in Bulgarian,exEnglish  
1700-1800 7560 ERV 300 kW 280 deg to SEEu in English,ex1700-1900  
(R BULGARIA DX MIX News, Ivo Ivanov, via wwdxc BC-DX TopNews Aug 9)

## FRANCE:

RFI English language transmissions

### On Shortwave

On shortwave our 4.00 and 5.00 shows can be picked up in East Africa, the 6.00 and 7.00 in West Africa, while the 16.00 programme can be picked up both in East and West Africa.

## West Africa (Zone 5)

06.00 – 06.30	25m	11615	(28.03.10 - 04.09.10)
	31m	9765	(05.09.10 - 30.10.10)
07.00 – 07.30	22m	13675	
16.00 – 17.00	19m	15605	

## Central Africa (Zone 6)

06.00 – 06.30	25m	11615	(28.03.10 - 04.09.10)
	31m	9765	(05.09.10 - 30.10.10)
07.00 – 07.30	22m	13675	
16.00 – 17.00	19m	15605	

## East Africa & Indian Ocean (Zone 7)

04.00 - 04.30	31m	9805	
	41m	7425	(not available 02.05.10 - 05.09.10)
	25m	11995	(available 02.05.10 - 05.09.10)
05.00 – 05.30	25m	11995	
	22m	13680	
06.00 – 06.30	19m	15160	
	16m	17800	
12.00 – 12.30	13m	21620	(not available 02.05.10 - 05.09.10)
	16m	17800	(available 02.05.10 - 05.09.10)
16.00 - 17.00	16m	17605	

(Radio France International )

### **LIBERIA:**

Star Radio heard on new 3900khz

3900, Star R, Monrovia, 0647-0705, Aug 08, male and female talks in English, "Liberia", same voices as on 4025, African music, 25332. (Otávio via DSWCI). Replacing 4025 ? (Ed)

Another African to watch out for.

### **MONACO:**

Monaco Radio with a weather report in French and English language has been noted at a new broadcast time – 15.00 hours on 8728 KHz in USB mode. (Shortwave Central)

### **PORTUGAL:**

Radio Portugal International has been noted on weekends only, from 19.00 to 20.00 hours on unannounced frequency of 9820 Khz. (Shortwave Central)



## Radio St. Helena Day 2010 : Date , Times, and Targets

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**RSD 2010 will be on Saturday, 09. October 2010**

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Radio St. Helena sincerely regrets to have to inform radio listeners everywhere that Radio St. Helena Day 2010 has been cancelled << .

This very difficult decision was necessary, due to severe technical problems with the shortwave antenna tower.

RSH is quite confident that RSD will be able to continue in 2011.

Gary Walters, Station Manager, Radio St. Helena via Robert Kipp , Radio St. Helena Day Revival Project

Further to the above information the following from DXLD

We at Radio St. Helena are also VERY SAD to have to announce the cancellation of RSD 2010. The problems with the tower holding the 3-element Yagi antenna are such that we simply had no choice. There is no chance to fix the tower in the next six weeks, but RSH is quite confident that we will be able to broadcast a RSD 2011 program next year. At the moment, I am investigating the possibility of setting up a wire antenna as a temporary measure, but I am not at all sure whether we will be able to do that. The technical resources on the VERY REMOTE island of St. Helena are not so good. If anything needs to be ordered from England, then it takes a lot of time and effort. (Robert Kipp via Yimber Gaviria via playdx2003 ml via Roberto Scaglione, Sept 11, shortwave yg via DXLD)



## SUDAN RADIO SERVICE:

Transmission schedule.

0400-0500. 11805. Arabic daily via Dhabayya.

0500-0530. 13720. Arabic daily via Dhabayya.

0530-0600. 13720. English/Sudanese daily via Dhabayya.

1500-1530. 17745. English/Sudanese daily via Dhabayya.

1600-1700. 11770. Arabic daily (not Fridays) via Meyerton

1600-1700. 17700. Arabic daily (not Fridays) via Ascension. (SRS)

## SWAZILAND.

TWR testing in 6225khz.

TWR, Mpangela Ranch, 0030-past 0200, Aug 01, heard with tuning signals and English IDs continuously. Must be some test? (Jacob DSWCI) Worth keeping an eye on during our evenings (ED)

## TURKEY:

Voice of Turkey. English language broadcasts

0300-0400 5975am/eu 6165af/as

1230-1300 15450eu 15520as

1300-1330 15520as

1830-1900 9785eu

1900-1930 9785eu

2030-2100 7205as/pa

2100-2130 7205as/pa

2200-2300 9830am/eu (SW Central)

## UGANDA

HEARD ON 7195KHZ.

7194.95, UBC Radio, Kampala, . Now on this frequency, English and vernaculars, English news at 1800. Mentions several phone numbers, 1859 English announcement mentioning "Uganda", 1900 vernacular news mentioning various African countries. African folk music at 1904 with singers, 1817 reports from various African countries, 1831 clear ID and more folk music, 1900 talks, static noise, 25432. (Liangas and Schulze via SW Central)

7195.00, UBC Radio, Kampala, 2115-2210 and 0150-0230, Aug 21, English frequent canned ID by female: "This is UBC Radio", but else non-stop pop songs all night! On this frequency ex 4976, but occasional amateur radio interference calling (Petersen DX Window 409)



## Email address update of BBC Regional stations United Kingdom

escribanos @ bbc.co.uk BBC America Latina, B'Aires-ARG  
asiannetworknews @ bbc.co.uk BBC Asian Network  
coventry @ bbc.co.uk BBC Coventry & Warwickshire  
essex.online @ bbc.co.uk BBC Essex  
manchester.online @ bbc.co.uk BBC Manchester  
worchester @ bbc.co.uk BBC Hereford & Worcester  
yourlondon @ bbc.co.uk BBC London Live  
dplater @ gto.net.com BBC Oman, D. Plater  
rebers @ omantel.net.om BBC Oman  
online.berkshire @ bbc.co.uk BBC R Berkshire  
bristol @ bbc.co.uk BBC R Bristol  
cambridgeshire @ bbc.co.uk BBC R Cambridgeshire  
tees @ bbc.co.uk BBC R Cleveland  
cornwall @ bbc.co.uk BBC R Cornwall  
cumbria @ bbc.co.uk BBC R Cumbria  
radio.cymru @ bbc.co.uk BBC R Cymru  
derby @ bbc.co.uk BBC R Derby  
devon.online @ bbc.co.uk BBC R Devon  
radio.gloucestershire @ bbc.co.uk BBC R Gloucestershire  
guernsey @ bbc.co.uk BBC R Guernsey  
radio.humberside @ bbc.co.uk BBC R Humberside  
jersey @ bbc.co.uk BBC R Jersey  
kent @ bbc.co.uk BBC R Kent  
lancashire @ bbc.co.uk BBC R Lancashire  
leeds @ bbc.co.uk BBC R Leeds  
leicester @ bbc.co.uk BBC R Leicester  
lincolnshire @ bbc.co.uk BBC R Lincolnshire  
radio.merseyside @ bbc.co.uk BBC R Merseyside  
tyne @ bbc.co.uk BBC R Newcastle  
norfolk @ bbc.co.uk BBC R Norfolk  
northampton. @ bbc.co.uk BBC R Northampton  
nottingham @ bbc.co.uk BBC R Nottingham

oxford @ bbc.co.uk BBC R Oxford  
radioscotland @ bbc.co.uk BBC R Scotland  
northeastscotlandnorthernisles @ bbc.co.uk BBC R Scotland-Orkney  
radio.shetland @ bbc.co.uk BBC R Scotland-Shetland  
radio.sheffield @ bbc.co.uk BBC R Sheffield  
rshropshire @ bbc.co.uk BBC R Shropshire  
hampshire @ bbc.co.uk BBC R Solent-Hampshire  
staffordshire @ bbc.co.uk BBC R Stoke  
suffolk @ bbc.co.uk BBC R Suffolk  
radiowales @ bbc.co.uk BBC R Wales  
birmingham @ bbc.co.uk BBC R WM  
northyorkshire @ bbc.co.uk BBC R York  
sussex @ bbc.co.uk surrey @ bbc.co.uk BBC Southern Counties R  
julia.zapata @ bbc.co.uk BBC Spanish Service  
threecounties @ bbc.co.uk BBC Three Counties R  
wiltshire.sound @ bbc.co.uk BBC Wilshire Sound  
worldservice.letters @ bbc.co.uk BBC World Service  
worldservice @ bbc.co.uk BBC World Service  
bbcevoce @ bbc.co.uk BBC World Service, Brazilian Sce  
dagmar.koeneking @ bbc.co.uk BBC, Dagmar Koeneking  
(Audience Relations Office)  
reception @ bbc.co.uk BBC, Reception Advice  
(Dario Gabrielli-ITA, BrDXC-UK Aug 29)  
(BCDX # 978 Top News via Wolfgang Bueschel)  
via Ian Cattermole

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## **ZNS 1540 SIGNAL RESTORATION LIKELY TO TAKE 30 DAYS**

The Broadcasting Corporation of the Bahamas (BCB) has announced that the initial assessment of damage caused by thieves to their 1540 AM's transmission facilities suggests restoration of the signal is expected to take around 30 days.

Police are actively investigating the theft of copper from the Broadcasting Corporation's South Beach transmitter site that disrupted the national radio station 1540 AM transmission shortly after 10am on Thursday. The broad daylight robbery occurred when two men in a truck reportedly pulled up and advised the security officer on duty that they were there to check the transformer.

Immediately upon the departure of the vehicle, the station went off air. It was discovered that copper bands around the tuning huts had been removed. The stolen copper links the tuning huts to the transmission tower. The police were immediately contacted and are investigating.  
(WIA News via Ray Crawford)

# DXISSIMO

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This month we have a new broadcaster from Peru reported on 4850kHz plus a reactivation on 5055kHz from Brazil. Star Radio, Liberia is now noted on a new frequency.

## BOLIVIA

4699.96, Radio San Miguel, 0900-0920, Noted a male in Spanish comments between musical selections. Unfortunately, there's so much natural noise this morning that it overpowers the signal leaving it at a poor level. (Chuck Bolland, July 20, 2010 via HCDX)

4796, Bolivia, R. Lipez, Uyuni. July, 10 0950-0957 local Pop music. At peak 34422 but after 0952, weaker signal as 24422 (Lúcio Otávio Bobrowiec. Brazil via HCDX)

6134.82, Radio Santa Cruz, 1020-1035, Noted a male and female in Spanish language conversation. Checked this out earlier and nothing, so assuming they began their schedule later today.  
(Chuck Bolland, July 19, 2010 via HCDX)

6155.36 Radio Fides is active on NOW! At 1040. 20 August. (Charles Bolland via HCDX)

## BRAZIL

5055, Radio Jornal A Critica reactivated (5054.96kHz). "A Critica FM" relay heard this morning (AUG 03, 0323-0530UTC) with a nice signal here in the middle of Europe. (Karel Honzik, Czech Rep via HCDX)

## DOMINICAN REP.

6025.06 R. Amanacer Int. 1030 soft rel. mx in SP. 1031 one canned anmnt by W, then one singing jingle, and back to mx. Short canned anmnt by M at 1039, but all I could copy was ment of "familia". Another one at 1047 w/ment of "Corazon", and again at 1053.

1059 canned anmnt by M w/clear ment of Santo Domingo, then canned discussion by M and W to 1101, and canned "R. Amanacer Int." ID w/AM and SW freq given More canned anmnts. Fading slowly, but horrible slop QRM from 6030. (Dave Valko 17 July via HCDX)

## HONDURAS

3250 Radio Luz y Vida, San Luis, fading in 1100 to 1130 on 20 August, best at 0000 17 and 19 August. Standard espanol om with religion [Bob Wilkner Pompano Beach Florida. USA. via HCDX]

## LIBERIA

3960 Star Radio has been noted on this new frequency. 0656. Sept 01. Male in EE with talks. SINPO 25322. (Lúcio Otávio Bobrowiec Embu SP Brasil. Via HCDX)

## PERU

4826, Peru, R. Sicuani, Sicuani. July,10 0958-1010 male on music in Spanish, time announcements, messages to listeners, outside talks, ads of a medical center "cirurgias, implantes!". 34432, (Lúcio Otávio Bobrowiec. Brazil via HCDX)

4850 Genesis Radio. Huanta, reported past July 24 from Potrerillos, a small town in Mendoza Province (in the west of my country). Listened with religious music (christian huaynos!!!!!!) and canned ID in the local morning (1050 UTC) and the evening and night (2230 UTC to 0130 UTC) . Excellent reception (QSA 4/5) (Arnaldo Slaen via HCDX)

5921.26 R. Bethel (pres.) 1016-1030, very animated tlk by W in what sounded like Quechua. M joined in at 1023. Unfortunately it faded quickly and was just about gone by 1030. Freq seemed to drop down about 20 hz for a short time. Will have to keep an ear open to this. Fairly clear freq. (Dave Valko 17 July via HCDX)

6019.25, Radio Victoria, 0930-0945, With the usual male relaying a sermon in Spanish, accompanied with plenty of splatter and fading. This signal was poor as it needed a notching to clearup the QRM Still audible at 1024 UTC with a fair signal. (Chuck Bolland, July 20, 2010 via HCDX)

## SURINAME

4990, R. Apintie, Paramaribo. July, 13 0754-0806 Jackson Five old ballad, Pop ballad in English, male announcements seems in Dutch, organ and voice music sounding like religious. Weak but clear, 4985 Brasil Central was off, 25332 ((Lúcio Otávio Bobrowiec. Brazil via HCDX)





# UTILITIES

Editor

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At the time of putting these pages together it is nearly 12 hours since the earthquake struck Christchurch. Our thoughts go out to all our Christchurch members and we hope they survived the event with minimal damage to their properties. The earthquake certainly awoke me here in Kakanui and we are 300 km or more away. It was long and noisy.

Well let us get into this month's good number of very good loggings

FREQ	UTC	DETAILS OF RECEPTION
156.575	1946	TAUPO MARITIME RADIO ZLM / Oil rig movements adv North Island KAN TAN 4 has shifted from Tasman Bay Posn 40 DG 54.042 South, 173 DG 33.678 East to Taranaki Coast Posn 39 DG 23.6421 South 173 DG 12.4412 East Via Taupo Marine Radio 21/8 RP
3476	1750	Reach 6 echo 1 with position report to Nandi Radio JS
3810	1110	ECUADOR TIME SIG STN H D2.10 A Time PIPS announcements in Spanish 20/8 RP
4417	2018	Tauranga Coastguard with marine conditions and forecast JS
4417	1945	Far North Marine Radio with marine forecasts JS
4426	0740	VMC with coastal forecasts JS
5547	0927	SAN FRANCISCO / CATHAY 8815 SAN FRANCISCO adv of SC KQMP. 31/8 RP
5574	0818	San Fran. LDOC working Delta 1840 JS
5574	0927	SAN FRANCISCO / KOREAN AIR 006 Posn Report AIREP wind 210 ATC ok,s clearance FL340 report back and maintain, 006 confirms. 31/8 RP
5574	0927	KOREAN AIR 081 / SAN FRANCISCO Freq coms 5547, 6673 SC EPGH + tones confirm. 31/8 RP
5574	0945	PHILLIPPINE 103 / SAN FRANCISCO Posn report INC 390n/ 140 w/ fl 320 spot wind 140 Diag 30 coms freqs for SAN FRAN 10048. 31/8 RP
5574	0948	VANTTY 003 / SAN FRANCISCO SC CELS VAN 03 Confirms. 1/9 RP
5643	1943	Air Canada 033 calling Brisbane R. for SelCal check JS
5643	1945	Kiwi Rescue working Auckland. To do with Niue rescue? JS
5643	1644	San Fran. LDOC working Pacific 810 JS
5643	1624	Qantas 370 working San Fran. LDOC JS
5643	2110	KIWI RESCUE 625 P3 Orion / AKL Posn report 48 dg South 145 dg East, Inc distance from SAR opps 50 Nautical miles from area which was reported Oyang had sunk 18/8 RP
5680	1840	Kinloss Rescue with Sierra 128 and Sierra 137 for training

		exercise		JS
5687	2105	AIRFORCE AKL / KIWI RESCUE P3 Orion, short distant coms	18/9	RP
6215	2156	TAUPO MARIEN RADIO RCCNZ CORDINATES COMS SAR / with NZ Deep Sea Tranler Amaltal Atlants forwards Posn Report from SAR area 47 Dg . 59 58 South / 175.44 East ( RP) via other news media, Deep Sea Trawler Oyang 70 had capsized and sunk with in 10 minutes Amaltal Atlants with several other vessels rescue of 5 life rafts containing 45 crew out of total of 51 crew, unfortunately the bodies of three Indonesian crew men were recovered. Search continues for the sixth life raft inc Captain, a South Korean National possibly gone down with ship with two other crew. 18/8		RP
6215	2203	AMALTAL ATLANTS / TAUPO MARINE RADIO adv posn at net 48.005 South E P E R B Beacon found and on board from Oyang 7 NZ type SN number forwarded, still transmitting. Coms continue with SAR situation. 18/8		RP
6215	2316	NZ VESSELL, FALCON 3 / vessel request radio test report, with Taupo Marine radio for survey report, etc tx from South Island Port Nelson 18/8		RP
6501	0515	USCG NMN (Chesapeake, Virginia) with warnings and predictions for Hurricane Earl		JS
8728	1457	Monaco. Monaco Radio with weather info. FF then EE at 1100. Poor level. (The music used as a interval signal at start and end of programme sounds like the same tune as used by TWR !.) 14/8		JD
8734	1045	BANGKOK METRO STN ID / Tones Sig 1/2 29/8		RP
8764	0440	USCG NMC (Pt. Reyes, Calif.) with marine weather and forecasts		JS
8828	0800	HONOLULU RADIO, Volmet Weather reports fair 4/9		ABD
8867	2054	QANTAS 25 / BRISBANE Posn report + temp – 45 wind 283 DG @ 88 knots coms freqs 8867 / 13261 SC, ESAM 22/8		RP
8867	2229	CATHAY 107 / AKL @ FL 370 Coms Freqs 8867 / 13261 SC GHPL. 8/8		RP
8867	0016	AKL / REQUEST XAJGT to call AKL / on 13261. 22/8		RP
8867	0617	CN 274 JC BOOST / NANDI male voice US acent P osn report FL 370 + estimates Ref to AKL coms freq 5643 / 8867 track info details exchanged + conformation of other information received and confirmed 23/8		RP
8867	0805	N613 / NANDI FL 410 exchanged coms freqs 8867 / 5643 S/off as November 613 WHISKY FOXTROT SC EKHQ 18/8		RP
8867	1124	AIRFORCE ONE ONE, US GOVERMENT / SAN FRANCISIO Coms / freq exchanged inc 8867 / 5574 / 3453 / 3413 18/8		RP
8957	0833	SHANNON Volmet with weather reports poor 4/9		ABD
11387	0830	AUSTRALIAN Volmet signing on with IDGood 3/9		ABD
13261	0029	QANTAS 55 / BRISBANE AIREP FL 360 TEMP – 44 wind 260 DG @ 72 Knots 22/8		RP

13261	0030	BRISBANE / VH CCJ estimates request + GND / Ground Speed confirmed @ 400 knots	22/8	RP
14300	0356	Pacific Seafarer's Net roll call with positions and weather reports		JS

### CONTRIBUTORS

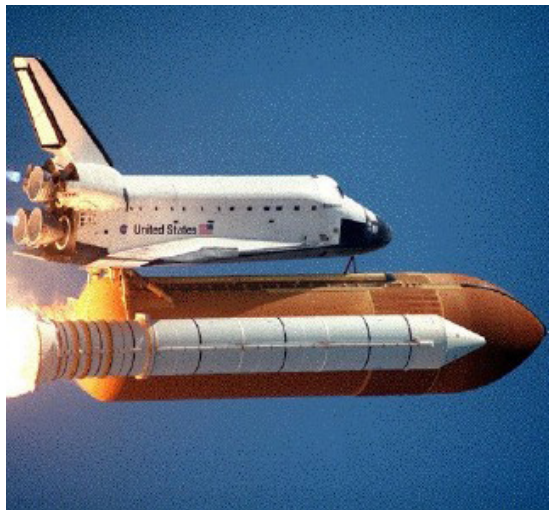
- RP** Roger Pryde Dunedin, Sangean ATS 803A / Yaesu 7000 Dig coms Rec, UNIDEN H held UBC92XLT scanner, 30 Metre Long wire E/west direction plus one metre whip/scn aerial.
- JD** John Durham. Tauranga, JRC535d receiver. Eavesdropper trap dipole antenna.
- JS** Jim Stewart Mt Roskill, Auckland, HF Receivers & Antennas: Kenwood R-5000 x 2 and Sangean ATS 909 with Wellbrook ALA1530 Active Loop and Wellbrook AS1030 4 way Active Splitter VHF Receivers & Antennas: Uniden UBC72xlt, Uniden UBCT8, AIS SR161 with Diamond D130 discone, ACR AIS-A3200 VHF Marine Antenna, Garex AIS preamp.
- ABD** Arthur De Maine, Kakanui, Icom R-70, Drake R-8 antenna 25m EWE E-W, 7m EWE N-S.

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For those interested, the Hurricane Watch Net in the USA will be activated on Monday @ 0800 EDT for Hurricane Earl. Frequency: 14.325 Mhz. via Jim Stewart

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Next Space Shuttle (Discovery) mission is sent down for 1 November 2010 at 4.40 EDT



# FM NEWS & DX

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## Taupo Frequency Changes

The Radio Network in Taupo has the following frequency changes to its stations happening on the evening of Wednesday 25th August 2010.

Newstalk ZB will move from 95.9FM to 96.0FM

Classic Hits will move from 96.7FM to 96.8FM

Radio Hauraki will move from 92.6FM to 92.8FM

Radio Sport will move from 90.2FM to 90.4FM

"While most of these changes are slight, it is important for listeners to correctly retune their radios to ensure they can continue receive these stations loud and clear", says Brian Jennings TRN's General Manager Taupo.

(Radio Network, 26 August 2010, <http://www.radionetwork.co.nz/AboutUs/PressReleases/Detail.aspx?id=240>)

Radio New Zealand frequencies at our Taupo transmitters have changed. Listeners in the Taupo area need to tune to the new frequencies.

RNZ National at Whakaroa is 101.6

RNZ National at Mountain Road is 104.8

RNZ Concert at Tuhingamata is 98.4

(Radio New Zealand, 26 August 2010, <http://www.radionz.co.nz/listen/amfm>)

## Factory 105FM

Factory radio started broadcasting on 105FM in Palmerston North in July. This station is based at The Factory which is a venue where various bands play. The station plays "punk metal hardcore" music. Coverage area is central Palmerston North. Their address:

128A The Square, Palmerston North and phone number 021 105 3536. Facebook page is <http://www.facebook.com/pages/FACTORY-105-FM/102321933157106>

(Adam Claydon)

## Wellington LPFM updates

- 87.6 Radio Melina Confirmed on this frequency as heard from Newlands on a Tuesday a while back. Lots of Brazilian music and songs heard along with id.
- 87.9 Muse Radio, Massey University. Tx in the old Museum Bldg in Buckle Street. Graham and I put this on here ex 88.5 still running approx 600 milliwatts. Station Manager is Sod Oscar.
- 87.9 KIX FM, Newlands. Must be running the full 1 watt eirp as heard from Oriental Bay right up to Pukerua Bay (top part of Sea Vista Drive).
- 88.1 Human FM still active here.
- 88.1 Genesis FM still active here. May have had a power increased but

- unconfirmed as I can now here it in some areas where I couldn't previously receive it.
- 88.1 Haven't been able to confirm yet if Petone FM is still active. Operated by Doug Ingham's father from same Maungaraki site as 107.3 Harbour FM.
- 88.1 Upper Hutt's River FM still active here in Upper Hutt.
- 88.2 Air2There, Paraparaumu still active on this frequency.
- 88.2 Kcfm Lower Hutt still appears to be active on this frequency.
- 88.2 World FM here and putting out its usual good signals and programming.
- 88.3 The VBC seems to be inactive. Not heard since new freq changes came into being.
- 88.3 SFM, Pak 'n Save Porirua still active on this frequency. Only ever plays non-stop pops with no ids.
- 88.3 Kena Kena FM (2005) and more lately Random Radio (2007) Kena Kena School, Paraparaumu currently inactive. In fact not heard since 2007 but that doesn't mean they haven't been active and I've missed it.
- 88.5 As yet haven't been able to confirm what's happened to Radio Buhay Kubo. Will try and check this one out soon.
- 88.7 Waikanae Radio still active on this frequency with libertarian, right wing type programming.
- 106.7 Hollah FM long gone from this frequency and finally resurfaced on 107.7 MHz. but now gone also from 107.7. Currently inactive.
- 106.7 George FM still active here
- 106.9 Brooklyn Radio (Id presumed) with Noel Chomsky type programming.
- 107.0 Heaven FM Upper Hutt. Long since inactive.
- 107.1 The Groove, Heard one day only. According to Dean Conland he was using it as a studio to transmitter link from Vivian St to Willis Street. A few days later it had gone.
- 107.1 Unidentified station with Noel Chomsky type programming. Heard from Buckle Street.
- 107.3 Harbour FM, Maungaraki operated by Doug Ingham still active here.
- 107.3 Non-stop music selections. No doubt the New Zealand Radio Training School. No ids heard. I had telephoned them a few days earlier and they said they had a new intake of students starting next week. Not sure if it will be called Kool FM this time or not. I understand that the students are allowed to choose what the name of the station will be.
- 107.4 Hindi FM (Id presumed) good with Bollywood style music with no ids. Heard from Haywards to Upper Hutt. Believe it is Rattan Patel's station.
- 107.5 Tawa FM. Tawa. Long been inactive
- 107.5 Triple X FM, Paraparaumu Inactive. This station began broadcasting from Waikanae with 500 milliwatts then moved it's transmitter to the Water Reservoir on the Eastern side of Paraparaumu. Was run by Rob Walker. Frequency now inactive as Triple X FM has moved to 105.5 MHz.
- 107.5 Another of those pesky stations with Noel Chomsky style programs. No id' heard.
- 107.7 The Groove active here as always.
- (Deno Lynneberg)

# TV NEWS & DX

Editor Adam Claydon  
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## Freeview captures 26% of market

Digital free-to-air platform Freeview is claiming a large increase in viewers, with 419,945 households – 26.1% of the market – now enabled to use the service.

Figures to June 30 show year-on-year growth for the platform at 65%. Freeview added 10.3% of Kiwi homes to its service in the year. Another 9639 homes were enabled with Freeview satellite and 33,947 with Freeview HD.

Freeview general manager Sam Irvine said anecdotal information suggests All Whites Football World Cup games, screened on TV One in HD, with alternate games and replays on TVNZ 7, helped drive adoption.

Another factor is that prices for integrated digital TVs, with built-in Freeview tuners, and MyFreeview HD digital television recorders are falling, Irvine said.

However, there remains some doubt about the numbers because Freeview quotes “enabled homes” rather than actual usage.

Irvine said the same criticism could be levelled at Sky. “The trend is towards houses with two televisions,” he said. “Are they all hooked up to Sky, or is one on Freeview?”

Last week NZX-listed Sky reported its annual results, featuring a strong increase in profit, up 16% to \$103 million for the year to June 2010. Earnings before interest, tax, depreciation and amortisation increased by 10.2% to \$287.5 million.

Sky’s total revenue increased by 7.2% to \$741.8m, but subscriber growth was only 3%, meaning average revenue per subscriber grew from \$64 to \$67.61 in the year.

Irvine acknowledged Sky’s growth is “ticking along”, but said what has really increased is the amount of money it is sucking out of subscribers as they move to the HD service MySky HDi, which grew from 103,991 to 189,975 subscribers.

“There’s no choice so there’s no competition for pay TV,” Irvine said.

Sky TV said its service is now in 47.9% of New Zealand homes. Sky is also reigniting its plans to deliver online content, with streamed sports, movies and on-demand shows. Sky attempted launching such a service in 2008, but cancelled it last August, citing New Zealand’s poor broadband speeds and data caps as the reason. Last week Sky CEO John Fellet said the government’s plans to invest in ultra-fast broadband offered a new way to deliver Sky’s content.

Irvine, however, is not buying that, pointing to TVNZ’s On Demand service which is “going from strength to strength”. The reason New Zealand does not already have an internet TV service is because Sky has all the content wrapped up, he said.

However, TVNZ did strike a special deal with internet service provider Orcon to ensure On Demand content does not count towards customer data caps.

A Sky spokesman said Sky has invested in R&D to develop the new service, which it plans to launch in November.

Irvine said Freeview HD is now available in 75% of towns. Any extension is a decision for government and broadcasters.

(Sunday Star Times, 22 August 2010, <http://www.stuff.co.nz/business/4048409/Freeview-captures-26-of-market>)



# MAILBAG

Editor

Mike Butler

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Auckland



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

Whilst on the subject of oscillators we must not overlook probably the most important type - the crystal controlled oscillator.

The crystal in question is a piece of quartz that has been ground to a particular shape although it is the thickness that determines the frequency at which the crystal resonates. So instead of the ordinary inductance (or coil) and capacitor (or condenser) in parallel, we place a crystal. The disadvantage in doing this is that our oscillator will only work on one frequency. But that frequency will be so much more dependable and therefore a crystal controlled oscillator has been used extensively to provide the signal source for radio transmitters of all kinds worldwide. When I said that such an oscillator only worked on one frequency - it is generally true. By placing a small variable capacitor between the crystal's leads you can vary its resonant frequency by about 10 kHz, which is handy, particularly for international broadcasters who must work to very small tolerances. Excessive heat causes changes in frequency of the crystal, but nothing like that observed in a simple home radio. Have you ever tuned one of those to, say 1503 medium wave and taken it outside into the broad sunshine? It will not stay on that station for long!

The maximum power available from a crystal oscillator is restricted by the heat caused by the circulating RF current, and that in turn is determined by the amount of feedback required to cause the oscillator to function. Generally, it takes an amount of feedback equivalent to around a quarter of the unit's output power to maintain oscillation. So we keep our oscillator to a moderate level and depend on the following amplifiers to boost its output. And like other oscillators it creates harmonics, so filters are needed whenever these harmonics create havoc.

Finally, don't think that your clever radio with PLL (Phase- Locked Loop) tuning has done away with crystal controlled oscillators. My Sangean ATS-803A has 7 crystals. Admittedly four of them are used in filters, but the other three are employed as oscillators, one of which must provide the all-important "Reference Frequency" for the Phase-Locked Loop.

**Günter Jacob, Passau, Germany** explains: " After my return from Klinikum Passau, where another perfect operation (this time my hip joint on the right) was done excellently by Dr. Konrad Mayerhofer, I am back at home and everyday life continues. - These QSLs

have arrived since late June:

KSDA Agat 9620 9820; WEWN Vandiver 6890 9455 11520 15610; Voice of Russia via Montsinéry 9880; Family R. via Montsinéry 5930, via Ascension 17545, via Almaty 12155, via Krasnodar/Armavir 7320/9850; CRI Kashi 9460, Kunming 7265; DW Kigali 15510, Sines 17865; Radio Ö1 International 9840; AWR via Moosbrunn 11880, via Wertachtal 15155, via Issoudun 15160. For the second six reports of March-April 2010, Radio Bulgaria sent QSL no. 2 of the new series "Untouched by time" ("The spirit of Kovachevitsa") for 5900 7400 9600 11600. By the way, why not - if clear reception of R. Bulgaria is too difficult - read texts of their DX Programs on the website: (If you use <http://www.ecosia.org>, you will additionally protect the endangered rain forest!!!) [www.bnr.bg](http://www.bnr.bg), English, DX Program and search, then you can choose the last ten DX Programmes, consisting of Ham News and Broadcast Tips (usually compiled by Rumen Pankov)." I was beginning to wonder what you were up to Günter, as your last report was in the June issue. Now we know and it is great to hear that your operation was such a success. Isn't it good to find, that even if you have to knock off for a while, the fruits of your past splendid work keep rolling in to fill the inevitable gap.

**Rich D'Angelo, Wyomissing, PA** says, " QSL returns have pretty much ground to a halt probably because I am not generating many reports during the warm weather. I need to get somewhat motivated to report once again. Hopefully, conditions will improve and that will lead to some QSLing opportunities. Here is this month's meager collection of QSL news:

Voice of Russia Ukraine 7440, verified an electronic report with a brief electronic reply over night from Alexandra Kamyshanova from the Letters Department. Although she did not initially indicate the transmitter site, I sent a follow-up asking that question. She indicated that transmitter site is Lvov. Also, she indicated that a QSL card will be sent separately.

Radio Ronin Shortwave (North American Pirate) 6950.6, responded to an electronic report with an electronic reply in 7 hours. Verie signer "Henry Sheppard" at the station indicated that I "heard the first run of a program of Punk music. I am not really a Punk person and I tend to play classic R&R most of the time but I figured what the heck. So, I can not fault you for not knowing the music as I didn't know much of it until I started doing the research for the programme." He indicated a QSL card was on the way but may show up when I least expected it." Midsummer is a good time to take a break and we all should have a change from our usual routine. Thanks for your news Rich and enjoy your leisurely summer.

**Ian Cattermole, Blenheim** advised in regard to my comments last month, " Yes, you are quite correct, Radio Monaco is only on for about 3 minutes giving weather details in French followed by English. See SW report July for the full schedule. I often hear them here at 0500-0503 in both French and English at quite good level on 8728khz USB mode. According to the e-mail verie I received it is relay of Radio Monaco 95.4FM on SW 8728khz USB. Like I say, it is a weather report for shipping with brief music and closes at 0503 with good ID in English." I appreciate your passing on those details, Ian. An unusual broadcast from an unusual station. Then Ian sent his SW veries received

during August :

RDW Kigali 9465, Rampisham 7410; Overcomer 9895; RA via Koror 15655 15780  
15225 15590; R.Ukraine Int 9840; RFI 13680; FEBC 7505;  
WINB 9265; Channel Africa.7230; AWR 15255; RNW Philippines 5935,  
Moosbrunn 6125, Germany 5950 11670 13685; Radio Dabanga 13600. And  
a nice lot they are too. The Radio Australia item mystified me as only 15225 was listed  
for the Palau Islands so this appears to be quite a major expansion with the use of the  
World Harvest Radio transmitter there - which is also used by VOA / Radio Farda..

**John Durham, Tauranga** said, "A little flurry of DX activity over the last month and a  
trickle of veries to hand:

China: CRI 13790, PBS Lhasa (Domestic) 4905 7350; Atlantic 2000 relayed via Radio  
Amica Italy 7610.4 1kW; V of Russia via Lvov Ukraine 7440." And he adds "Looking  
forward to the warmer weather can't be far away now!." I'm sure we will all chorus,  
'And so say all of us,' John. That Atlantic 2000/R.Amica was certainly a great catch.

**Des Davey, Te Kuiti** wrote, "Greetings from the North King Country town where spring  
is all about us down here now and I'm bloody glad too as I hate the K.C. winters, eh. I  
have heaps of snowdrops, white & yellow-and orange jonquils, and daffodils all out in  
flower and they look so nice telling us that spring is with us once again.

Just as a matter of interest or whatever, since I first got my old 1940's ex-NZ Army ZCI  
Mrk II in good running order in 2005, I have logged 206 shortwave radio stations on it  
worldwide. Plus, I've logged approx.30 odd hams on it in AM mode from Aussie and  
NZ, on 80 & 40 metres. I get the frequencies read out from the use of the FRG-7000  
AM receiver and I cannot use SSB mode on the ZCI. So it's lovely to have the FRG-7000  
receiver on when I'm logging on the ZCI set, eh. I can record the frequencies in kHz  
on the FRG-7000. The ZCI covers from 2.0 megs to 8.0 megs on two bands. I use an ex-  
telephone P&T land line long-wire 160 feet long and approx. 60 feet high at the centre  
out from the cliff top in the native bush behind me. I get good signals from that long-  
wire antenna eh.

So I'm told by the Hams that the ZCI radios were made in NZ by the NZ Wireless  
Company of Auckland during the Second World War for the NZ Army. We used them in  
our CMT training at Papakura Military Camp in the early 1950's and early 60's.

Reports out to: CNR-5 Zhonghua China 5925; Voice of Indonesia 9525;  
CRI China 13590.

QSL's to hand: NHK 9625; CRI 6040 9760; R. Australia 9580. This QSL I got in the  
mail on August 9th 2010 from a report I sent them on 2/11/08 with a note, sorry for the  
delay Des!! Not bad after almost 2 years!!

Cheers - 73's. I'm off for a quiet beer at the RSA Club. We have had more than our share  
of rain down here in the NKC and all we want now is some bloody sun for a change!"  
Yes, I know those old ZC1s as I was also at Papakura doing the CMT in the early 1950s  
and in the Div. Sigs. We did some heavy work on those morse keys - so much, that I can  
remember the code still - in my better moments! It's good to share these old memories  
Des.

# BROADCAST NEWS

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Mangawhai

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Welcome to the Broadcast News for September, again hosted by David Ricquish in the absence of Bryan Clark travelling in Europe.

In some feedback from my comments last month questioning the need to include detailed US/Canadian MW changes in the DXT, Tony King has reminded me that information about changes to the 1610-1710 North American X-Band stations should remain relevant and I agree.

Tony produces a useful regular update on the North American X-Banders which I recommend for those interested in standing some chance of hearing regular MW DX on these channels.

This month, I've collated a general update on MW stations I feel is probably of most use and interest to Australian and NZ based listeners. It includes some North American changes courtesy of the IRCA and NRC clubs in the USA.

No trail items have been directly received by me, so I've no idea if anyone has been doing much MW DX. Such a change from those 'Kings of the Kiloherz' pages enjoyed when I first started DX in 1970.

## MW News

- 585 KJAL American Samoa remains licenced here for 5kW but currently off air and tower severely rusted
- 648 NZ's Rhema Gisborne now gone from here
- 648 WVUV American Samoa is licenced here for 10kW but not on air until new tower arranged and move to 720 completed
- 684 NZ's Rhema Gisborne now here, 5kW
- 740 NEW, Kihei HI applies for 5/5kW
- 860 KTRB San Francisco CA now 50/50kW from new sites
- 945 SIBC Gizo currently off-air because of earthquake damage to tower system
- 999 V6AF Kolonia, Pohnpei FSM runs 10kW and is one of the most stable AM stations consistently on the air in the FSM
- 1008 Launceston, TAS frequency was for sale in narrowcast auction by ACMA, purchased for A\$260k by TasRadio Pty Ltd.
- 1170 WWVA Wheeling WV 50kW sometimes heard in the Pacific, all 3 towers located at St.Clairsville OH knocked down in August storm and

- currently silent.
- 1386 SIBC Lata currently off-air, not known when it will return
- 1500 KUMU Honolulu HI format change to Rhythmic AC
- 1503 V6AJ Tofol, Kosrae FSM a challenging target running 1kW and heard via online streaming with local music and announcements
- 1510 KPIG Piedmont CA now on with 8/2.4kW
- 1510 KGA Spokane WA now using 50/15kW to protect co-owned KPIG
- 1611 Traffic 1611, Sydney NSW has been testing new format here, ex Goanna

I have two suggestions that I'd welcome feedback on. #1 is that we report in here details of Pacific MW stations heard streaming on the internet as I've done with V6AJ and V6AF as a means of regularly monitoring if these stations are silent or on the air.

Suggestion #2 is to include a monthly target list of stations that a novice MW DXer may find achievable. It may have 50kW stations from California, or 5 stations from Hawaii, or 10 from Texas, 10 'W' calls to get started....do readers feel this is helpful?

I'll pass the feedback on to Bryan, who will be returning to take control of the Broadcast News again shortly so he can give your views some thought!

Good DX, David Ricquish  
Guest Editor



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# BRANCH NEWS

Chief Editor  
Upper Hutt

Mark Nicholls

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## AUCKLAND BRANCH

The attendance this month was at a good level of seven, with one apology, despite some extremely heavy local showers around lunch time. At first, the gathering amused themselves with some interesting old radios and other equipment which the Hams had collected for a future sale. Then the minutes of one of the first Auckland Branch meetings- that of August 1954 was read.

We noted that it was held at Barry William's home which was then in Remuera and in those days there was a monthly branch competition for the best QSLs on Medium Wave and also Shortwave. Then Mike produced a quiz on general radio matters which aroused much hilarity. Following that we had a review on the new proxy method of voting which enables all League members in NZ of three years standing to vote in the AGM on Sunday 31 October.

There was also discussion regarding the level of enthusiasm in, and the present pricing of antique radio sets. It would seem that these had suffered somewhat due to the recent recession.

With reference to the July meeting report, it is pleasing to be able to say that the new sign at the roadside, that the Branch contributed to, has now been erected and thus visitors to our meetings can easily spot the clubrooms and make contact with the Branch.

An advance request to all Auckland Branch members. Please keep Sunday 31 October free to attend the first AGM under the new Constitution. If you're a League member for over 3 years you can vote at the meeting !

**The next Branch Meeting is on Sunday 26 September at 2pm - the day Daylight Saving begins !**

Contact Barry 815-4126 (09 if outside Auckland.)

## WELLINGTON AREA BRANCH

Apologies kept the August numbers low, but a good catch up was enjoyed by those present. Fred is now powering around on a new scooter.

**The next gathering will be on Wednesday, September 22, 12.45pm at Beach Babylon Cafe, Oriental Bay.**

Great company, hot coffee, tasty food, and good music, so mark in your diary today. If you're in town, do come along. Contact David at info@radioheritage.net to go on the local newsletter mailing list.



# ADCOM NEWS

Editor Bryan Clark  
Mangawhai

email  
adcom.news@radiodx.com



**ABSENT ON LEAVE** I will be overseas until October. **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**

## 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.

If you wish to vote and are unable to attend the meeting a Proxy Form is printed on the back of this magazine. You can fill it out and post it back to Mike Butler National Secretary, NZ Radio DX League, 4 Taha Road, Te Atatu South, Waitakere 0610 to reach him no later than 8 October. It is recommended that proxy forms be posted no later than Tuesday 5 October 2010.

If you don't want to cut the back page of the magazine you can email editor@radiodx.com and he will send you an electronic form in Adobe pdf format to sign and return.

## WHAT'S HAPPENING ABOUT QUARTZ HILL?

The Wellington Amateur Radio Club's station at Quartz Hill (call sign ZL6QH) was decommissioned in October 2007 when construction of a wind generation farm began. It was hoped that the radio station could be re-established on the site once construction ceased and the wind farm was operating.

However, tests conducted with the wind generators in operation revealed an unacceptable level of electrical interference on the HF bands. So, reluctantly it was necessary to consider alternatives.

The club's assets at the site were removed by a series of work parties and they have been moved to temporary storage.

The Quartz Hill management committee has been exploring alternative sites within reasonable distance from Wellington. The criteria considered for a replacement site

were:

1. 2WD access.
2. Preferably within 1 hour drive from Wellington City, but if necessary we will look further afield.
3. A low angle of elevation to the horizon, preferably less than 5 degrees, in all directions.
4. Separation from potentially significant radio frequency noise sources like high voltage transmission lines, industrial areas, and wind farms that use or are likely to use technology similar to that at Quartz Hill.
5. Room to erect several guyed masts and poles, potentially up to around 60 metres in height.
6. Availability of AC power
7. Access to existing accommodation is preferred.
8. A friendly landlord.

Several sites have been reviewed, but because of the hilly and mountainous topography in Lower North Island, the number of possible sites is very limited.

The Quartz Hill management committee has recently selected a site that could meet many of the criteria, and is working towards a proposal to the land owning authority. This could be a slow process with no guarantee of success. So it's a case of "watch this space!" You can keep up to date with periodical reports by applying to join the Quartz Hill Supporters group for which details can be found on the Quartz Hill web site at <http://www.ZL6QH.com/> - Check the "How to Support Quartz Hill" option.  
Ralph Sutton

**NEWS OF OUR PATRON. PETER GRENFELL** advises that Our Patron (**FRANK GLEN**) has had two excellent successes in recent major Philatelic exhibitions.

At the Timpex 2009 Timaru Philatelic Exhibition 2009 Frank Received a Large Silver medal for his entry in the Postal History section (historical, social, and special studies).

The description for his entry reads. "The 1000 year failure" - Hitler's Germany 1933 -1945. A study of the rise and fall of Hitler's Germany 1933-45 through German philately, postal history, field post and the events of WWII.

At another exhibition the "Adelaide Stampex 2010". The Australian national philatelic and picture postcard exhibition was held recently 20th to the 22nd August in the Drill Hall, Torrens Parade grounds just out of the Adelaide centre. For a similar entry with some modifications. Frank's entry "The 1000 Year Failure" received a Silver award.  
Congratulations Frank - well done.

**GABRIEL IVAN BARRERA** DX'er **HORACIO A. NIGRO** from Uruguay advised in an email to the DXLD email group the sad news of Gabriel's sudden death.

"The saddest news of Radio that happened to me in my life is to share with you, the news on the sudden death of our comrade and friend,

**GABRIEL IVAN BARRERA.**

Gabriel was a well known DXer from Argentina.



# LADDERS



Editor Stuart Forsyth  
Hanoi, Vietnam

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	A/NZ	Pac	NAm	CAm	SAm	Eur	Af	Asia	Cnt	Jun	Sep	Inc
<b>MEDIUMWAVE</b>												
<b>OPEN (Over 500)</b>												
Ray Crawford	881	127	414	86	111	132	46	569	189	2366	2366	0
0 Douglas Johns										1094		
Sutton Burtenshaw	436	64	335	43	39	47	3	121	107	1088	1088	0
Craig Edwards									101	892		
David Ricquish	501	93	195	22	6	8	0	46	67	869	871	2
Stuart Forsyth	473	26	96	13	21	87	1	20	58	736	736	0
Bryan Clark									120	680		
Mark Nicholls	291	57	229	27	9	10	0	22	67	645	645	0
John Campbell									129	642		
Paul Aronsen									50	531		
<b>SENIOR (301 - 500)</b>												
Peter Grenfell									41	457		
Gordon Mathieson	361	31	35	2	0	0	0	2	18	431		
Günter Jacob	0	0	7	0	0	341	9	11	58	368	369	1
Frank Glen									24	321		
<b>JUNIOR (5 - 150)</b>												
Arthur De Maine									12	60		
<b>FM-TELEVISION</b>												
Douglas Johns										773		
Bryan Clark									5	149		
Craig Edwards									1	120		
Gordon Mathieson	94	1							3	95		
Mark Nicholls	44								2	44	44	0
<b>SHORTWAVE</b>												
<b>OPEN (Over 500)</b>												
Ian Cattermole	265	436	567	318	384*	3028	382	1458	208	6774	6838	64
Ron Killick									237	6256	6261	5
Günter Jacob	279	280	326	155	190*	1593	442	1188	175	4453	4487	34
Douglas Johns										3139		
Ray Crawford	177	111	186	120	274*	929	281	565	233	2645	2645	0
John Durham	113	89	213	112	143*	927	243	514	265	2346	2354	8
John Campbell									261	1706		
Bryan Clark									244	1578		
Craig Edwards									188	978		
Paul Aronsen									125	806		
Peter Grenfell									141	771	777	6
<b>SENIOR (301 - 500)</b>												
Stuart Forsyth	40	17	14	16	29*	201	45	96	106	458	458	0
<b>INTERMEDIATE (151 - 300)</b>												
Arthur de Maine									94	276		
<b>JUNIOR (5 - 150)</b>												
Mark Nicholls	33	8	11	5	6	33	4	11	56	130	130	0
Frank Glen									71	96		
<b>UTILITIES</b>												
Ron Killick									133	61957		
Douglas Johns										35857		
Günter Jacob									13	17	17	0

**NEXT LADDERS AND CONTINENTS LISTING: DECEMBER**



NEW ZEALAND RADIO DX LEAGUE



NOTICE OF PROXY FOR ANNUAL GENERAL MEETING

I, (name).....

in my capacity as a financial member continuously for at least the last three years, a resident of New Zealand, and being unable to attend the above Meeting to be held in Auckland on Sunday 31 October 2010, hereby nominate:

(Your nominee may be a person who will attend the meeting or a named position e.g. 'Chairman of the Meeting.')

to be my proxy at the above meeting, and to vote on my behalf. I direct my proxy to vote in the following manner (unless otherwise instructed, the proxy will vote or abstain from voting as they think fit.)

(Place a tick after selected word)

To re-elect Frank Glen as Patron For\_\_ Against\_\_

To re-elect Bryan Clark as National President For\_\_ Against\_\_

To re-elect David Norrie as National Vice President For\_\_ Against\_\_

To re-elect Mike Butler as National Secretary For\_\_ Against\_\_

To re-elect Phil van de Paverd as National Treasurer For\_\_ Against\_\_

To re-elect Mark Nicholls as Chief Editor For\_\_ Against\_\_

To re-elect Paul Ormandy as Public Relations/Publicity Officer For\_\_ Against\_\_

To re-elect Arthur De Maine as Competitions Secretary For\_\_ Against\_\_

To elect.....as..... For\_\_ Against\_\_

To elect.....as..... For\_\_ Against\_\_

To elect.....as..... For\_\_ Against\_\_

Remits - as at closing date, no remits were received.

Signed:----- Dated:-----/-----/2010

Important Notes: To be valid, a proxy form must be signed, dated, and posted to Mike Butler, National Secretary, NZ Radio DX League, 4 Taha Road, Te Atatu South, Waitakere 0610 to reach him no later than 8 October. It is recommended that proxy forms be posted no later than Tuesday 5 October 2010.