

Hello and welcome to the August edition of the DX Times. The focus this month is on pirate radio, more of which anon. Firstly though, it is always good to have that pleasure of recognition when you see, hear or experience something. Such a thing happened to me today as I sat contemplating this magazine and logging Romania on 11825. The broadcast was destined for India, so reception wasn't great. The announcer was in the middle of DX Mailbag when a name leapt out at me - **Ian Cattermole**. He was thanked for his report on 6170, I think it was, and a QSL was promised. That is just what Ian needs - more QSLs!

Pirate Radio - for those of you who follow the League's DX Dialog Yahoo Group, two things lately have been dominating correspondence - oysters and pirates - one pirate in particular: Channel Z. Later in this magazine, on **page 18**, you will find an article written by Bryan Clark and Jonathan Wood about their efforts to log and verify Channel Z. Now, this is real DX - **25 watts** of power on a 41 mb frequency (or near enough to it) - that's a challenge. The best part for me is Jonathan going mobile to get it. The photos below are of part of his mobile aerial system and his trusty Lowe HF 150 receiver ready to receive those signals.



Jonathan explains: (The picture on the left is a) *10.8m vertical and 4 X 10.8m elevated ground plane (which I picked up Channel Z on tonight - though fairly poor, as usual!). Speaker cable goes to dipole up same mast. The theory was that the pulley was supposed to lower the entire dipole to the ground to avoid interfering with the vertical, but it jammed... And then at 0550 I found I'd had the attenuator on the whole time! Never mind, there is always next time!* Some of Jonathan's QSLs from Channel Z are shown on **page 3**. Thanks to Bryan and Jon for the information and pics.

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NEW ZEALAND RADIO DX LEAGUE (Inc)

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

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3 MONTHS 2016**

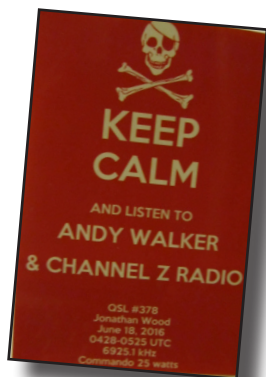
September Wednesday 31st August

October Wednesday 28th September

November Wednesday 26th October

You can send your contributions to the NZ Radio DX League at
PO Box 178, Mangawhai 0540

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



Adam Claydon asks members to help support the DX League Facebook pages.

They can be found at

<http://www.facebook.com/nzrdxl>

MAILBAG

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Another month, and it appears the skull and crossbones could be raised in the masthead as a couple of our regulars keep up the search for those ‘pirates’. Is there a politically-correct term for the label?

Stu Forsyth in Cyberjaya, Malaysia hasn’t relaxing much, at least in the first few weeks of his major holiday time: “The summer break has seen Maureen and me on the road to Singapore, Penang and the Cameron Highlands. Alas, the radio stayed at home. We travelled with an NZ friend and then once she had gone had another visitor arrive, for only a few days. I have had a little time for DXing and have logged Radyo Philippines 12010, 15640 and 17820, Radio Farda 13860 and 15690, Bangladesh Betar on 4750, CRI (yawn) on 13660, 15350 and 17710, RFA on 13740 (in Burmese). I have received veries back from RFA 13740 (thank you AJ), Romania 21500 and AIR via Delhi on 9705 and 11645. I also had an e-mail confirmation of R. Farda on the freq’s mentioned above with the card to come. I was reviewing my unanswered reports (many of them!) and I sent a follow up to Sentech in Sth Africa for an April logging. When I lived at home (9 years ago) they were very good at replying and I was disappointed I hadn’t heard from them. I got this reply from Hoosen Sikander: ‘Thanks for your reception report. I am currently working through a backlog of verification letters and hope to have all replies sent out by the end of July. Thanks for your patience.’ I think the last word sums it up. On the MW front I finally got a reply for my report on the Babcock test coming out of Mongolia on 1431 for country 69. I know Bryan also got the same reply and I suspect so did everybody else in NZ who heard it. I was really pleased. Cheers.” *(I’d be pleased with Mongolia too. As Babcock seemed to be testing for a service to South Korea, I wonder what the gang in the North will do if it ever goes to air?)*

Ian Cattermole, Blenheim adds a few more to his QSL collection. “Here again are my SW veries received during July: RFA Yerevan 9940; RFA Tinian 7530; NHK 9645; VOIRI 11660. VoT 9620, 5960, & 11615; RRI 6170; Reach Beyond Australia 11905; and Deewa Radio, Udorn 15205 kHz. There they are for another month.” *(And I note manage to make double digits.)*

Günter Jacob in Passau, Germany heads us back overseas. “Deutsche Welle verified reception of their Swahili Service on 9800 via Nauen. As the IBB transmitter site Biblis (Germany) will be demolished in the near future, I reported on one of Radio Liberty’s Russian transmissions, which stopped on June 26th on short wave, and succeeded four weeks later in receiving a QSL for 11800 kHz with complete details from Renata Simonková. However I regret that she again has not yet verified my report from 20 months ago. The English Service of Radio Romania International sent their QSL ‘The Savings Bank Palace, București’ 7325 kHz for a report of June 2016 sent by ordinary mail, whereas I am still waiting for confirmation of emailed reports of May, July and October 2015.” *(As Stu relayed, the word is ‘patience’.)*

Jonathan Wood, Mosgiel isn't letting winter temps stop his outdoor efforts. "Reception continues to be less than exciting at Mosgiel, but worthwhile at Shag Point. And there always seems to be someone to have an interesting conversation with, wondering what the 12m pole is meant to catch! Two QSL's, one from Channel Z (yet another design) and one from Radio City, with a picture of a Pegaso Z 102 sports car, with quite a bit about the station's history. Incidentally, Tom Taylor was kind enough to respond to my enquiry after I'd made a mistake with Radio City's email address - and point me in the right direction. Antenna tests continue: so far I haven't found anything that outperforms the simple dipole, though the delta does match it. I sent a courtesy copy of last month's magazine to Channel Z and received a reply, highly complimentary of the quality of it. To which I agree with appreciation to those who do the hard work!" *(Well, it's the steady contributions from all of you to the various sections, which 'make' the mag, and give Stu the headache of presentation!)*

Bryan Clark, Mangawhai is the other one with news from the pirate plank. "July has been busy DXwise with lots of action on shortwave and medium wave. The main highlight has been reception of five Argentine X-band stations with 2 new ones identified on 1709.866 and 1689.960, and two as yet unidentified. American hobby operators have also been active around our dusk in the 6900-7000kHz range - always worth checking on Saturday and Sunday evenings. Reports sent to: Radio MiAmigo via Yerevan-Gavar 11850, Channel Z Radio 6925.1, Pirate Radio Boston 6976, Radio CLS Argentina 1689.96. QSLs from: WPRR 1680 (680 watts), Radio MiAmigo via Yerevan-Gavar 11850, Pirate Radio Boston 6976 (90 watts), Channel Z Radio 6925.1 (25 watts)." *(Gee, 25 watts – your antennas are working overtime.)*

As <dxdialog> subscribers know, I got onto a 'keep me out of the UV rays' project for a spreadsheet of NZ stations, and in the process discovered Radio Spectrum Management still think there's a third tower at Henderson used by 1251, 1386, and 1593. I emailed off my evidence as well as more about a quirk with Rhema/Star's co-site at Three Mile Hill and received a response the same day: "We will have this information checked by our Compliance staff and if necessary have the locations corrected." Until September. 73, Theo



BANDWATCH UNDER 9MHZ

Editor

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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. Would you please try not to repeat loggings in adjacent months. **Please get a clear ID or show as tentative.**

kHz	UTC	Country, Station, Programme, & Reception Details
3912	0948	S.KOREA, V.of the People, gd in KK, 4/7, PP
3925	1000	JAPAN, Rad.Nikkei 1, gd in JJ, 4/7, PP
3945	1005	VANUATU, Rad.Vanuatu, mx, gd in Bislama, 4/7, PP
4055	0518	GUATEMALA Radio Verdad poor strength w/ SS hymns by choir 1/7. BCM
4835	0940	AUSTRALIA, ABC Alice Springs, gd in EE, 9/6, PP
4840	0935	USA, WWCR, Gd in EE, 9/6, PP
5011a	2012	MADAGASCAR Radio Madagascar w/popular songs & livelyDJ banter (some FF) on measured 5010.64. Faded into noise 2028 10/7. BCM
5015	0950	USA, WRMI, Rad.Miami, religious, fair in EE, 9/6, PP
5025	0524	CUBA, Radio Habana.ID in Eng by yl then in SS, songs. Good BC 5/6
5025	0955	CUBA, Rad. Rebelde, gd in SS, 9/6, PP
5865	2135	KUWAIT, Rad.Farda, fair in Farsi, 22/7, PP
5910	0450	FRANCE NHK Radio World via Issoudun vgd in JJ. "NHK Radio Nippon" ident 0459, time signals and off 15/7. BCM
5950	0930	JAPAN, Rad.Japan, gd in Korean over "Overcomer Min.", 19/7, PP
5960	2040	TURKEY. VOT. Fair in Turkish. 27/6. IC
5975	1212	NEW ZEALAND, RNZI with news. sport excellent.-BC 7/7.
6025	0522	BOLIVIA Red Patria Nueva (tentative) running late 2/7 w/pop songs till off abruptly at 0525:30. Measured freq 6024.96 is the Bolivian's usual offset. Also hrd at 0353 on 8/7. BCM
6030	0415	U&SA, R Marti good in Spanish // 5980 also good – KAB 4/7
6050	0527	LIBERIA ELWA Monrovia w/traditional tuning signal and sign-on in EE, poor due atmospheric static 21/7. BCM
6060	0514	CUBA, Radio Havana with English ID and talk on European Union.- BC 5/6
6090	2007	ETHIOPIA, V of Amhara state radio. Best I've heard, till 2015- BC 18/7
6110	1940	ETHIOPIA, Radio Fana with phone in requests, lots of hellos, time pips.- BC 20/7
6115	0913	JAPAN, Rad.Nikkei 2, mx, and ID, 19/7, PP
6165	0448	LITHUANIA NHK Radio World in RR via Sitakuni thru Havana. At 0500 tuning signal, JJ ident & theme music then off abruptly 0501 15/7. BCM
6170	2030	ROMANIA. RRI. Fair in English. 11/7. IC
6175	0410	U&SA, V of Vietnam fair in Spanish with comment – KAB 4/7
6885	0448	USA HOBBY PIRATE X-FM in AM mode w/rock music, idents, fair at best 3/7. BCM
6925	0457	USA Channel Z v poor; last logged 0634; v poor 16/7 JWS
6925	0556	USA HOBBY PIRATE Channel Z peaking w/Ident & CW code "CZ", later Big

Ben chimes and contribution from English DJ, poor at best 16/7. BCM

6950 0506 USA Captain Morgan Shortwave; last logged 0645; v poor 16/7 JWS

6976 0551 USA Pirate Radio Boston, tent., last logged 0615; v poor 16/7 JWS

6976.7 0545 USA HOBBY PIRATE Pirate Radio Boston weak w/audio traces, best on LSB to avoid ute on high side 16/7. Fortunately operator was able to confirm my audio files as him. Hrd again 23/7 from 0457:53 sign-on till 0619:12 signoff but again marginal reception. BCM

7205 2000 FRANCE, RFI. Fair/Good in FF w/ football cmntry // 9790 same - KB 6/7

7205 2115 FRANCE. RFI. Good in French. 20/7. IC

7205 2116 FRANCE, RFI good in French with comment – KAB 4/7

7215 1745 OMAN, BBC. Fair in listed Pushto, om/yl, mx // 5875 less clear & jammer - KB 8/7

7215 2012 CHINA, CRI fair in Arabic with comment – KAB 5/7

7230 0500 STH AFRICA, Ch.Africa. Pr in EE, s/on, fa w/ nx.Fading by 0515 - KB 6/7

7260 0115 VANUATU, Rad.Vanuatu, gd in bislama and EE, 9/7, PP

7260 0350 VIETNAM, RFI good in French with comment – KAB 4/7

7260 0735 VANU ATU, R. Vanu Atu, Poor in Bislama, relg & mx // 3945 weak. 7260 Fair at 0930 retune - KB 3/7

7265 2120 CHINA, CRI good in Indonesian with orchestral music – KAB 4/7

7275 0830 STH KOREA, KBS. Gd in JJ & pops (Jammer co-chan) // 6155 Fr - KB 3/7

7295 1055 RUSSIA Radio Sakha, Yakutsk strong w/pop melodies, “Sakha radio” ident, Jews Harp theme and time pips on the hour, “Yakutsk” ident in RR, then anncts in other ethnic languages, f/by news . Possibly the only Russian shortwave operation at present? BCM 16/7

7295 2050 CHINA. CRI. Good in English. 28/6. IC

7300 2115 U.K, R.Akhbar Mufrih (HCJB). Poor/Fair in AA Sat/Sun b'cast yl/om, off 2144 - KB 9/7

7325 1952 OMAN, RTI. P/F in FF our sunrise; yl/om ending kids prgrm, sked, I/S - KB 9/7

7330 0400 ROMANIA, RRI good in Romanian with news after sign-on – KAB 4/7

7360 0315 VATICAN, Radio Vaticana fair in English - BC 6-5-16.

7360 0356 VATICAN, Vatican R gd in Swahili with comment & choir singing – KAB 4/7

7485 1700 THAILAND. VOA Deewa R. Fair in Kurdish after EE IDs.via Udorn.18/7. IC

7485 1945 PHILIPPINES.VOA Tinang. Good in KK. ID in English for VOA world news. 18/7. IC

7495 2240 FRANCE, R Algerienne fair in Arabic – KAB 3/7

7750 1700 SOMALIA (tentative) Warsan Radio, Baydhabo likely to be the weak Horn of Africa station audible here 14/7 w/HOA music. Some improvement in signal towards 1800 but marginal reception at best. On 15/7 was able to detect their morning tx w/long talks & indigenous music, best at 0350-0415. BCM



OVERSEAS LOGGINGS

(All may not be audible in NZ at the times listed)

FREQ UTC Country, Station, Programme & Reception Details

- 3320 0419 SOUTH AFRICA Radio Sonder Grense – Meyerton in the Afrikaans language. Id at 0430 over the end of the song followed by more discussions. Fair. (D'Angelo-PA)21/7
- 4750 1426 BANGLADESH, Bangladesh Betar vg in Bengali. Lots of ids. News. 20/7 SMF
- 5952.4 0115 BOLIVIA, Radio Pio Doce – Siglo Veinte, man with apparent coverage of some sporting event, later some musical selections before closedown with familiar theme music. Poor with some fair peaks. (D'Angelo-PA)12/7
- 7505 0237 USA, WRNO – New Orleans ,man announcer with English language religious talks, ID and frequency announcement followed by a promo at 0258. More religion programming at 0300. Good signal. (D'Angelo-PA)15/7

Contributors (with my thanks)

- BC** Brian Carr Christchurch IC-R70, Kenwood R-5000, Datong,fl2, EWE antenna, 100ft,long wire.
- BCM** Bryan Clark Mangawhai (Northland) WinRadio G3DDC and AOR7030+, EWEs to North, Central & South America.
- (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.
- IC** Ian Cattermole Blenheim JRC NRD535, ICOM IC-746PRO, Antenna: T2FD, EWE
- JWS** Jon Wood Shag Point, 21.7m dipole and 43m delta with base 3.1X vertical height (similar to SuperKaz design), terminated, Lowe HF150.
- KB** Kelvin Brayshaw Levin 2 x PL 660s, whips linked at tips.
- KAB** Ken Baird Wainuiomata R5000, 45m wire
- PP** Philip van der Paverd Coopers Beach Receivers: R-71E, AOR 7030+, Winradio G31 DDC, Flag antennae N/NE, NE, 200M longwire up in the trees.
- SMF** Stu Forsyth Cyberjaya, Malaysia AOR 7030+, 3m EWE

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BANDWATCH OVER 9MHZ



Editor

Kelvin Brayshaw email
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- 9265 0344 USA, Atlantic 2000, Red Lion. Poor to just Fair in SS. SS ID at 0359 10/7 JD
9455 0400 AUSTRIA. AWR via MOS. VG in Turkish after English IDs. 18/7. IC
9510 0813 BULGARIA Radio City ("The Station of the Cars"); last logged 0900. Mainly
music with brief anncts. p in EE. 16/7 JWS
9535 0230 CUBA, R.Habana Cuba. Fair in Spanish - 5/6 BC
9570 0245 ALBANIA, CRI fair in Chinese - KAB 6/7
9580 2055 AUSTRALIA, Rad.Austr.v/gd in EE, Pacific Beat, //12065,12085,18/7, PP
9620 0505 ROMANIA, RRI. Good in FF; yl speaking. // 11790 much weaker - 14/7 CC
9660 0447 MADAGASCAR, R.Vatican. Gd in FF; 2 oms spkg. // 11625 much weaker -
14/7 CC
9660 0534 VATICAN CITY, Vatican Radio, gd in Portugese, 22/7, PP
9730 0040 ROMANIA, Rad.Romania, gd in EE, with radio reception reports, 17/7, PP
9730 0247 ROMANIA, RRI (TIG). Good in Spanish. ID in English - 6/6 BC
9730 0252 ROMANIA, RRI fair in Spanish with comment - KAB 6/7
9730 0650 N.KOREA, VoK, Nx in EE, gd in EE, 18/6, PP
9740 1052 THAILAND, BBC. Good in English, om & yl with news. ID at 1100 - 8/7 CC
9760 0645 JAPAN, Radio Nikkei, gd in JJ, 18/6, //9595, PP
9810 2232 CHINA, CNR1 fair in Mandarin with comment - KAB 21/6
9870 0130 TURKEY, V.o.T, gd in SS, sign off at 0200 with ID "Radio Turkey", 18/7, PP
9910 2115 INDIA, AIR Aligarh fair in English with Indian music - KAB 2/7
9935 0257 GREECE, V of Greece good in Greek with music and ID - KAB 6/7
11580 0205 USA, WRMI, Rad.Miami Int, poor in EE, Religious, 7/6, PP
11600 1045 TAIWAN, RTI. Good in Indonesian, om spkg. // 11915 weaker & scratchy -
8/7 CC
11600 2055 MOLDOVA. Denge Kurdistan. Fair in Kurdish. Off 2100. 28/6. IC
11620 2105 INDIA. AIR. Poor in English. 27/6. IC
11665 0200 MALAYSIA, RTV Malaysia, fair in Malaysian, 7/6, PP
11670 0230 CUBA. RHC. Fair in Spanish. //11840. 24/7. IC
11730 0150 VATICAN CITY, Rad.Vatican, ID and NX in EE, v/gd 7/6, PP
11745 0200 KUWAIT. RFA. Fair in Tibetan after English IDs. 22/7. IC
11760 0145 CUBA, Rad.Habana, v/gd in SS, 7/6, PP
11825 0300 ROMANIA. RRI, Good in English. 18/7. IC
11840 0312 CUBA, Rad.Habana, gd in SS, 20/7, PP
11850 1758 ARMENIA, R. Mi Amigo, Gavar, in English. Poor. Much talking & laughter
with Mi Amigo mentioned - 22/7 JD
11850 1759 ARMENIA Radio Mi Amigo International via Yerevan w/special offshore pirate
commemoration broadcast 21/7. Poor signal in EE w/pops and reminiscences,
splash from 11855 from 1802. BCM
11855 1802 GERMANY BVB via Nauen w/EE ident "You're listening to Bible Voice India"
then into Farsi religious talk 21/7. Very good signal. BCM
11860 0309 S.ARABIA. Rep.Yemen Radio. f/gd in AA. 20/7. PP

11865 2150 NTH KOREA, V of Korea fair in Japanese with comment – KAB 3/7
11870 0307 USA, WEWN, religious, fair in SS, 20/7, PP
11905 0220 SRI LANKA, Sri Lanka B.C. fair in Hindi, 20/7, PP
11905 1058 AUSTRALIA. Reach Beyond Australia. Fair in Rawang and EE at 1115. 8/7.
11925 0450 IRAN. VOIRI. Good in Turkish. 20/7. IC
11955 0515 AUSTRIA, AWR, Gd in Hausa, close down at 0530, 17/6, PP
12025 0245 IRAN. VOIRI. Fair in Spanish. 24/7. IC
12070 0045 PHILIPPINES, FEBC, gd in CC, 18/6, PP
12085 0213 EGYPT, Rad.Cairo, f/gd in AA, 20/7, PP
12095 0005 THAILAND. BBC, gd in EE, 11/7, PP
12095 0535 SOUTH AFRICA. BBC via Meyerton. Fair in Kirundi. 3/7. IC
12095 2130 ASCENSION ISL, BBC, f/gd in EE with nx, 21/7, PP
12095 2300 PHILIPPINES, FEBC, poor in Hmong, s/off with ID at 2330, 21/7, PP
12105 0048 USA, WTWW, religious, f/gd in EE, 18/6, PP
12115 0050 KUWAIT, Rad.Free Asia, f/gd in Burmese, 18/6, PP
13530.24 2217 TAIWAN, Sound of Hope, fair in CC, Firedrake in the background, 22/7, PP
13640 2224 CHINA, CRI, v/gd in Japanese, 22/7, PP
13695 0227 INDIA, AIR, gd in Kannada, mx, 18/7, PP
13710 0453 IRAN, VOIRI. Good in Turkish; yl spkg. // 11925 weaker & noisy - 14/7 CC
13730 2325 ROMANIA, Rad.Romania, gd in SS, 19/6, PP
13795 2327 INDIA, AIR, v/gd in Hindi, 19/6, PP
13845 2330 USA, WWCR, religious, poor in EE, 19/6, PP
15090 0100 THAILAND, VOA, Rad. Ashna, S/on in Dari with echo, gd. // 13730,18/6, PP
15105 0521 N.KOREA, V.of Korea, with MX, gd in FF, 12/7, PP
15155 2030 AUSTRIA. AWR via MOS. Good in French after English IDs. 20/7. IC
15170 0420 S.ARABIA, bsksa, v/gd in AA, 17/7, PP
15210 0415 INDIA, AIR, Gd in farsi, close at 0430, continue in AA, 17/7, PP.
15240 2100 AUSTRALIA, RA.exc. in EE, //15415,17840, NX, then Pacific Beat,18/7,PP
15245 2050 N.KOREA, V.o.K, gd in FF, 18/7, PP
15255 0400 FRANCE. RDW via ISS. Poor in English. 1/7. IC
15280 0113 PHILIPPINES, Rad.Veritas, gd in Urdu, 18/6, PP
15320 0440 TAIWAN, Rad.Taiwan Int, gd in Hakka, with mx interludes, 17/7, PP
15320 2211 GUAM, AWR fair in Indonesian with music & talk – KAB 3/7
15320 2219 GUAM. KSDA. Good in Indonesian. 17/7. IC
15320 2330 GUAM, AWR. Religious, v/gd in Vietnamese,19/6, PP
15325 0245 JAPAN, NHK Rad. Gd in JJ, //17810, 9/7, PP
15355 2300 PHILIPPINES, Rad.Veritas, Asia, gd in Filipino, 19/6, PP
15400 2335 ROMANIA, Rad.Romania, v/gd in SS, 17/7, PP
15415 2216 AUSTRALIA, RA good in English with political comment – KAB 3/7
15420 0415 UAE. BBC via DHA. Fair in English. 1/7. IC
15435 0031 PHILIPPINES, FEBC, f/gd in Shan, 23/7, PP
15435 2225 GUAM. KSDA. Good in English. 17/7. IC
15530 0125 PHILIPPINES, Rad.Veritas, gd in Telugu, 18/6, PP
15560 0127 PHILIPPINES, FEBC, gd in JJ, 18/6, PP
15565 0035 THAILAND, VOA, gd in CC, 23/7, PP
15640 0042 JAPAN, Rad.Japan, gd in JJ, 23/7, PP
15690 0045 N.MARIANA ISL, Rad.Free Asia, gd in Laotian, 23/7, PP
17490 2300 ARMENIA, R. Nthn Ireland, Gavar. Fair- quite good ; mx & svl IDs -10/7 JD
17520 0410 N.MARIANA IS, RFA. Fair in CC, rptd web add, co-chan stn under - 14/7 KB
17520 2340 GUAM, AWR. Fair in Chinese, 2358 ID - 16/7 KB

17520 2355 GUAM, AWR, gd in CC, Religious, s/off at 2400 in EE, 17/7, PP
 17760 2229 AUSTRALIA, Reach Beyond Aust. Fair in JJ after EE s/on - 16/9 KB
 17790 0300 THAILAND, BBC. Poor in Fasi // 9860 Fair - 9/7 KB

Overseas Contributions (Edited)

9515 0259 TURKEY, Voice of Turkey – Emirler, *0259-0322, IS, FA w/ ID. TS; ID & opening axments by MA. English nx re Nice attack but no mention of attempted coup in Turkey. Very good signal - 16/7 RDA

9570 0820 STH KOREA, KBS World Radio. Fair in EE – not clear, rather noisy. 13/6 SMF

9655 2104 FRANCE Radio Algerienne – Issoudun, 2104-2159*, MA & FA w/ nx in French & Arabic. Prgrm of recitations from 2114 after ID. Later, prgrm of mx MA in Arabic closedown ID & sked. Fair - 9/7 RDA

9730 0011 ROMANIA Radio Romania International – Tiganesti, 0011-0032, English svc re European Union troubles. IS followed by prgrm called Roots. Good signal - 2/7 RDA

9730 0347 MYANMAR, Myanmar R exc in Burmese. Happy Birthday was played – in EE! 13/6 SMF

9840 2335 VIETNAM, VofV loud and clear in EE. // 12020 just as good. 12/6 SMF

9930 0825 NTH MARIANAS, T8WH – exc with mx and talk in EE 13/6 SMF

9955 0119 9955 USA IBC - Italian Broadcasting Corporation – Okeechobee, FL, 0119-1030, MA in Italian followed by DX program English ID at 0125 followed by coded message. Jeff White w/ WRMI ID at 0129. Fair to good - 22/7 RDA

9955 2300 9955 USA FG Radio via WRMI Okeechobee, FL, 2300-2315, after an Allen Graham ID for WRMI FG Radio opened w/ IDs in EE & FF. Instead of nx prgrm, pop mx played w/ IDs and mention of Famagusta-Gazette for news. Ended with relig prgrm opening after their 15 minutes was up. Good - 9/7 RDA

11615 2116 MADAGASCAR, Madagascar World Voice – Mahajanga, 2116-2157* , man preaching in English followed by talks in Mandarin Vocal at 2152 then ID and closedown w/ light mx. Fair to good - 12/7 RDA

11700 0426 FRANCE RFI – Issoudun, 0426-0437 French pop tune followed by MA in French. FA w/ ID; and MA w/ nx at 0430. Poor to fair - 21/7 RDA

11730 0357 CLANDESTINE Eye Radio – Issoudun, *0357-0418. Instr mx opening 0400 followed by MA in Arabic w/ ID, axments. FA nx alternating with instr mx. Fair - 21/7 RDA

11735 2039 ZANZIBAR Zanzibar Broadcasting Corporation – Dole, 2039-2104, continuous vocals to 2058 when FA spoke in Swahili followed by instr mx and more talk incl ID. At 2100 man talking before mx. Could not stay with prgrm so no clue when station left the air. Fair - 24/7 RDA

11770 2236 MADAGASCAR MWV Radio – Mahajanga, 2236-2257*, man w/ Arabic relig talks and brief mx segments. Another MA w/ ID and closedown axments at 2256 over instr mx. Good signal - 9/7 RDA

11870 0815 ALASKA, KNLS. Vg in EE with religious b/c. 13/6 SMF

11995 2013 FRANCE Radio France International – Issoudun, 2013-2036, om & yl in French. Brief instrl mx, then more talk by om & yl Brief English audio clips of om but French translation & discussion quickly followed. ID at 2029 & axments. Headlines. Poor to fair w/ periodic deep fades - 24/7 RDA

12050 2021 CLANDESTINE (Nigeria) Dandal Kura – Ascension, 2021-2106, conversations in listed Kanuri w/ some vocals. IDs 2059 by MA & FA followed by apparent news at 2100. Supposed to close at 2100? Poor to fair signal - 9/7 RDA

- 13590 0352 CHINA, CRI fair in EE 13590 via Beijing, // 15110 via Kashi fair, 15120 via Beijing fair/ poor, 15785 via Xian good. 13/6 SMF
- 13740 2305 NTH MARIANAS (Agingan Point) RFA in Khmer. Good clear sig 12/6 SMF
- 13860 0452 GERMANY, R Farda vg in Farsi – lots of ids and mx. // 15690 a little better. 13/6 SMF
- 15105 1947 ASCENSION ISLAND BBC, 1947-1959*, two men in long discussion in listed Hausa ID 1959 followed by mx until carrier off. Poor to fair - 9/7 RDA
- 15120 0002 CUBA China Radio International – Havana, 0002-0013, prgrm commencing two minutes after the top of the hour with MA & FA giving nx in Spanish. Ids. Fair - 2/7 RDA
- 15180 0442 NTH KOREA, VofK fair in EE, but noisy as usual. // 13760 similar, 11735 weaker 13/6 SMF
- 15320 0350 TAIWAN, R Taiwan Int exc in EE with talk and local mx. 13/6 SMF
- 15343.9 0100 ARGENTINA RAE - General Pacheco, 0100-0134, Futbol finals of Copa America Centenario with Argentina vs. Chile, eventually won by Chile. Fair but fadey signal - 27/6 RDA
- 15415 0822 AUSTRALIA, RA – exc in EE //15240 not a great sig. 13/6 SMF
- 15590 0008 THAILAND Radio Thailand, 0008-0030*, English nx by MA & FA with ads for Bangkok Airways, IDs and more news. Gone at 0030 during conversation. Poor to fair with deep fades - 22/7 RDA
- 15640 0215 PHILIPPINES, R Pilipinas. Vg in EE with nx prg then mx. //12010 good, 17820 fair 13/6 SMF
- 15720 0258 NEW ZEALAND, RNZI, 0258-0323, pop mx, then TS & ID as R-N-Zed International; MA w/ nx in English, then 'Dateline Pacific'. Good. 12/7 RDA
- 15720 0355 NEW ZEALAND, RNZI fair/ poor with lovely flattened NZ vowels! Relaying National R. Better earlier in the morning and certainly better at night!! 13/6 SMF

Contributors

BC	Brian Carr	Christchurch	Drake R8. R-5000. EWE antenna,
BCM	Bryan Clark	Mangawhai	WinRadio G33DDC and AOR7030+ receivers, EWEs to North, Central & South America.
CC	Cliff Couch	Paraparaumu	ATS-803A. 30m wire on apartment facia
IC	Ian Cattermole	Blenheim	NRD-535. T2FD, EWE
JD	John Durham	Tauranga	R-70. Eavesdropper trap dipole
JWS	Jonathan Wood	Shag Point	Lowe HF-150. 46m Dipole
KAB	Ken Baird	Wainuiomata	R-5000. 45m wire
KB	Kelvin Brayshaw	Levin	2 X PL-660s, Whips linked at tips. DR-31 Whip.
PP	Phil van de Pavverd	Coopers Beach	R-71E, AOR 7030+, Winradio GR31 DDC, Flag antennae N/NE, NE, 200 M longwire
RDA	Richard D'Angelo	Wyomissing, PA	RX-340, R-8B, Eton E1, E5. Alpha Delta DX Sloper RF Systems Mini Windom, Datong FL3, JPS ANC-4
SMF	Stu Forsyth	Cyberjaya, Malaysia	AOR7030+, 3m EWE.

Your input much appreciated, thank you.

73

Kelvin

ENGLISH IN TIME ORDER

Editor

Yuri (George) Muzyka
Auckland

email
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Time Order summary of Ken's BandWatch Under 9MHz & Kelvin'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, ZL1GYM

NEW ZEALAND CONTRIBUTIONS

Time (UTC)	Frequencies (kHz)	Station Name	Station Country	Log Date	DXer Name
0005	12095g	BBC	UK	11/7	PP
0040	9730g	RRI	ROMANIA	17/7	PP
0048	12105g	WTWW	USA	18/6	PP
0150	11730g	Vatican R	VATICAN CITY	7/6	PP
0205	11580p	WRMI	USA	7/6	PP
0300	11825g	RRI	ROMANIA	18/7	IC
0315	7360f	Vatican R	VATICAN	6/5	BC
0400	15255p	DW	GERMANY	1/7	IC
0415	15420f	BBC	UK	1/7	IC
0500-0515	7230p	Channel Africa	STH AFRICA	6/7	KB
0514	6060	Radio Havana	CUBA	5/6	BC
0527	6050p	ELWA	LIBERIA	21/7	BCM
0650	9730g	Voice of Korea	NTH KOREA	18/6	PP
0813-0900	9510p	Radio City	BULGARIA?	16/7	JWS
0935	4840g	WWCR	USA	9/6	PP
0940	4835g	ABC	AUSTRALIA	9/6	PP
0950	5015f	WRMI	USA	9/6	PP
1052-1100	9740g	BBC	UK	8/7	CC
1058-1115	11905f	Reach Beyond Australia	AUSTRALIA	8/7	-
1758	11850p	Radio Mi Amigo	ARMENIA?	22/7	JD
1759-1802	11850p	Radio Mi Amigo	ARMENIA?	-	BCM
2030	6170f	RRI	ROMANIA	11/7	IC
2050	7295g	CRI	CHINA	28/6	IC
2055	9580g:12065:12085	Radio Australia	AUSTRALIA	18/7	PP
2100	15240:15415:17840	Radio Australia	AUSTRALIA	18/7	PP
2105	11620p	AIR	INDIA	27/6	IC
2115	9910f	AIR	INDIA	2/7	KAB
2130	12095g	BBC	UK	21/7	PP
2216	15415	Radio Australia	AUSTRALIA	3/7	KAB
2225	15435g	KSDA	GUAM	17/7	IC
2330	13845p	WWCR	USA	19/6	PP

SHORTWAVE REPORT

Editor

Ian Cattermole
Blenheim

email
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USA(non) Frequency changes of IBB, including transmitter changes
Radio Free Asia

0030-0130 on 17785 SAI 250 kW / 270 deg to SEAs Burmese, ex IRA
0100-0200 on 9780 KWT 250 kW / 046 deg to CeAs Uyghur, ex IRA
1100-1200 NF 15195 TIN 250 kW / 279 deg to SEAs Lao, ex 15120 TIN
1230-1330 on 7530 TIN 250 kW / 280 deg to SEAs Burmese, ex IRA
1630-1730 on 9940 ERV 050 kW / 122 deg to SEAs Burmese, ex IRA

Deewa Radio

0100-0300 on 11700 LAM 100 kW / 092 deg to WeAs Pashto, ex IRA
0100-0300 on 13840 UDO 250 kW / 304 deg to WeAs Pashto, ex IRA
0300-0400 on 13840 LAM 100 kW / 104 deg to WeAs Pashto, ex IRA
1300-1400 on 13590 UDO 250 kW / 300 deg to WeAs Pashto, ex IRA
1300-1900 on 9335 LAM 100 kW / 092 deg to WeAs Pashto, ex IRA
1300-1400 on 9310 UDO 250 kW / 300 deg to WeAs Pashto, ex IRA
1400-1430 on 9310 KWT 250 kW / 078 deg to WeAs Pashto, ex IRA
1430-1600 on 9310 UDO 250 kW / 300 deg to WeAs Pashto, ex IRA

Radio Farda

0230-0400 on 13860 UDO 250 kW / 300 deg to WeAs Persian, ex LAM
0630-0730 on 17880 UDO 250 kW / 300 deg to WeAs Persian, ex IRA
1200-1800 on 12005 WOF 300 kW / 090 deg to WeAs Persian, ex IRA

Voice of America

0330-0430 NF 9685 SAO 100 kW / 114 deg to SoAf Kirundi, ex 11905 SAO
1330-1430 on 11695 PHT 250 kW / 270 deg to SEAs Khmer, ex IRA
1400-1500 on 17870 WOF 300 kW / 075 deg to WeAs Kurdish, ex IRA
1430-1530 on 11965 UDO 250 kW / 280 deg to SEAs Burmese, ex IRA
1630-1700 NF 6040 BOT 100 kW / 350 deg to EaAf Amharic Mon-Fri, ex 6080 SAO
1630-1700 on 15120 GR 250 kW / 094 deg to SoAf Portuguese Fri, ex BOT
1700-1800 on 7485 UDO 250 kW / 305 deg to WeAs Kurdish, ex IRA
1830-1900 NF 11835 SMG 250 kW / 170 deg to SoAf Kirundi Mon-Fri, ex 11865 SMG
1930-2000 NF 11835 SAO 100 kW / 100 deg to SoAf Kirundi Mon-Fri, ex 11865 SAO
2330-0030 on 7440 UDO 250 kW / 276 deg to SEAs Burmese, ex IRA

Radio Mashaal

0400-0500 on 15760 UDO 250 kW / 305 deg to WeAs Pashto, ex IRA
0500-1300 on 15760 KWT 250 kW / 078 deg to WeAs Pashto, ex IRA
1000-1300 on 15360 UDO 250 kW / 300 deg to WeAs Pashto, ex IRA

Radio Liberty

0400-0420 on 7270 LAM 100 kW / 092 deg to CeAs Chechen till Sep.30
0400-0420 on 9520 BIB 100 kW / 085 deg to CeAs Chechen till Sep.30
1600-1700 on 7475 ERV 050 kW / 058 deg to CeAs Tajik, ex IRA
1600-1620 on 11780 BIB 100 kW / 088 deg to CeAs Chechen till Sep.30

1600-1620 on 11815 LAM 100 kW / 092 deg to CeAs Chechen till Sep.30, x WOF
Cancelled - all transmissions of Radio Liberty on shortwave in the following
languages Avari, Belarussian, Kabardian, Russian and Russian Caucasus Echo

NIGERIA(non) Radio Niger Delta, Voice Of Peace begins transmission from
New York this Friday morning July 1 on shortwave 31 and 25 mb as follows:
0500-0555 on 9515 probably via TDF/ISS to WeAf English, strong on July 1
1900-1955 on 11985 probably via TDF/ISS to WeAf

AUSTRALIA Updated A-16 schedule of Reach Beyond Australia from June 26:

1045-1115 on 11905 KNX 100 kW / 310 deg to SEAs Rawang, ex 15575
1115-1130 on 11905 KNX 100 kW / 310 deg to SEAs English Sun/Tue/Thu/Fri, ex 15575
1115-1130 on 11905 KNX 100 kW / 310 deg to SEAs Burmese Mon/Tue/Thu, ex 15575
1115-1130 on 11905 KNX 100 kW / 310 deg to SEAs Chinese Falam Wed/Sat, ex 15575
1130-1145 on 11905 KNX 100 kW / 310 deg to SEAs English Sun, ex 15575
1130-1145 on 11905 KNX 100 kW / 310 deg to SEAs Burmese Mon, ex 15575
1130-1145 on 11905 KNX 100 kW / 310 deg to SEAs Chinese Falam Wed/Sat, ex 15575
1130-1145 on 11905 KNX 100 kW / 310 deg to SEAs Chinese Hakka Fri, ex 15575
1100-1130 on 15400 KNX 100 kW / 005 deg to EaAs Japanese Sat/Sun
1100-1115 on 15575 KNX 100 kW / 315 deg to SEAs Tibetan Mon
1100-1115 on 15575 KNX 100 kW / 315 deg to SEAs Vietnamese Tue/Thu/Fri
1115-1130 on 15575 KNX 100 kW / 315 deg to SEAs Vietnamese Thu
1200-1245 on 9720 KNX 100 kW / 315 deg to SEAs Indonesian, ex 1215-1300 on 9685
1300-1430 on 15320 KNX 100 kW / 310 deg to SoAs English, ex 1445-1600 on 15340
1230-1300 on 15340 KNX 100 kW / 310 deg to SoAs Urdu Sun-Fri
1230-1300 on 15340 KNX 100 kW / 310 deg to SoAs Oriya Sat
1300-1315 on 15340 KNX 100 kW / 310 deg to SoAs Nepali Sun-Tue/Thu
1300-1315 on 15340 KNX 100 kW / 310 deg to SoAs Punjabi Wed
1300-1315 on 15340 KNX 100 kW / 310 deg to SoAs Dzongkha Fri
1300-1315 on 15340 KNX 100 kW / 310 deg to SoAs Oriya Sat
1315-1300 on 15340 KNX 100 kW / 310 deg to SoAs Punjabi Sun
1315-1300 on 15340 KNX 100 kW / 310 deg to SoAs Nepali Mon
1315-1300 on 15340 KNX 100 kW / 310 deg to SoAs Bhojpuri Tue
1315-1300 on 15340 KNX 100 kW / 310 deg to SoAs Kuruk Wed
1315-1330 on 15340 KNX 100 kW / 310 deg to SoAs Tibetan Thu
1315-1330 on 15340 KNX 100 kW / 310 deg to SoAs Marathi Fri
1315-1330 on 15340 KNX 100 kW / 310 deg to SoAs Bangla Sat
1330-1345 on 15340 KNX 100 kW / 310 deg to SoAs Hindi Sat-Thu
1330-1345 on 15340 KNX 100 kW / 310 deg to SoAs English Fri
1345-1400 on 15340 KNX 100 kW / 310 deg to SoAs Hindi
1400-1415 on 15340 KNX 100 kW / 310 deg to SoAs Hindi Sun/Wed/Thu
1400-1415 on 15340 KNX 100 kW / 310 deg to SoAs Bangla Mon
1400-1415 on 15340 KNX 100 kW / 310 deg to SoAs Marwari Tue
1400-1415 on 15340 KNX 100 kW / 310 deg to SoAs Gujarati Fri
1400-1415 on 15340 KNX 100 kW / 310 deg to SoAs Urdu Sat
1415-1430 on 15340 KNX 100 kW / 310 deg to SoAs Punjabi Sun
1415-1430 on 15340 KNX 100 kW / 310 deg to SoAs Bangla Mon
1415-1430 on 15340 KNX 100 kW / 310 deg to SoAs Bhojpuri Tue
1415-1430 on 15340 KNX 100 kW / 310 deg to SoAs Hindi Wed
1415-1430 on 15340 KNX 100 kW / 310 deg to SoAs Marathi Thu

1415-1430 on 15340 KNX 100 kW / 310 deg to SoAs Gujarati Fri
 1415-1430 on 15340 KNX 100 kW / 310 deg to SoAs English Sat
 1430-1445 on 15340 KNX 100 kW / 310 deg to SoAs English Sun/Tue/Thu
 1430-1445 on 15340 KNX 100 kW / 310 deg to SoAs Bangla Mon
 1430-1445 on 15340 KNX 100 kW / 310 deg to SoAs Hindi Wed
 1430-1445 on 15340 KNX 100 kW / 310 deg to SoAs Gujarati Fri
 1430-1445 on 15340 KNX 100 kW / 310 deg to SoAs Hindi Sat
 1300-1315 on 9720 KNX 100 kW / 315 deg to SoAs Hindi Sat-Thu
 1300-1315 on 9720 KNX 100 kW / 315 deg to SoAs English Fri
 1315-1330 on 9720 KNX 100 kW / 315 deg to SoAs Hindi
 1330-1345 on 9720 KNX 100 kW / 315 deg to SoAs Hindi Sun
 1330-1345 on 9720 KNX 100 kW / 315 deg to SoAs Tamil Mon-Sat
 1345-1400 on 9720 KNX 100 kW / 315 deg to SoAs Hindi Sun
 1345-1400 on 9720 KNX 100 kW / 315 deg to SoAs Tamil Mon/Tue/Fri/Sat
 1345-1400 on 9720 KNX 100 kW / 315 deg to SoAs Bangla Wed/Thu
 1400-1415 on 9720 KNX 100 kW / 315 deg to SoAs Chattisgarhi Sat/Sun
 1400-1415 on 9720 KNX 100 kW / 315 deg to SoAs Malayalam Mon
 1400-1415 on 9720 KNX 100 kW / 315 deg to SoAs Telugu Tue
 1400-1415 on 9720 KNX 100 kW / 315 deg to SoAs Kuruk Wed
 1400-1415 on 9720 KNX 100 kW / 315 deg to SoAs Meitei Thu
 1400-1415 on 9720 KNX 100 kW / 315 deg to SoAs Marathi Fri
 1415-1430 on 9720 KNX 100 kW / 315 deg to SoAs Gujarati Sun
 1415-1430 on 9720 KNX 100 kW / 315 deg to SoAs Bangla Mon
 1415-1430 on 9720 KNX 100 kW / 315 deg to SoAs Marwari Tue
 1415-1430 on 9720 KNX 100 kW / 315 deg to SoAs Hindi Wed/Sat
 1415-1430 on 9720 KNX 100 kW / 315 deg to SoAs Telugu Thu
 1415-1430 on 9720 KNX 100 kW / 315 deg to SoAs Gujarati Fri
 1430-1445 on 9720 KNX 100 kW / 315 deg to SoAs Gujarati Sun
 1430-1445 on 9720 KNX 100 kW / 315 deg to SoAs English Mon-Fri
 1430-1445 on 9720 KNX 100 kW / 315 deg to SoAs Urdu Sat
 2230-2300 on 17760 KNX 100 kW / 005 deg to EaAs Japanese Sat/Sun
 2300-2330 on 9655 KNX 100 kW / 315 deg to SEAs Javanese Sun, ex 9625
 2300-2330 on 9655 KNX 100 kW / 315 deg to SEAs Indonesian Mon-Sat, ex 9625
 2330-2345 on 9655 KNX 100 kW / 315 deg to SEAs Indonesian, ex 9625



Many thanks to SWLing Post contributor, Jordan Heyburn, who writes:

Radio Northern Ireland broadcast to Asia via the Shortwave Service in Armenia on Saturday 9th July at 2300 UTC on 17490khz. The show was beamed out towards Asia and Australia was a special pre recorded show just for this relay with SSTV at the end of the show in Scottie 2 mode!

If you wish to hear us on Shortwave at any time we can be found on multiple frequencies which are listed below.

Shortwave Service via Germany – 6005khz 1900 UTC (Saturday)

WRMI – 15770khz 2100 UTC (Saturday)

WRMI – 11580khz 0130 UTC (Sunday)

WRMI – 9955khz 0130 UTC (Monday)

If you get a reception then why not send us a reception report to radionorthernireland@outlook.com, if you have the correct reception you will be in receipt of a shiny new Radio Northern Ireland QSL. A donation of \$2 is preferred to cover postage and this can be sent through paypal to the same email address.

I hope you enjoy the show and let us know where in the world you are listening from!
Best Regards, Jordan Heyburn

TAIWAN Radio Taiwan International will have special broadcasts as follows
1600-1610 on 11665 TSH 300 kW / 325 deg to WeEu German AM mode July 22
1620-1630 on 11665 TSH 300 kW / 325 deg to WeEu German DRM mode July 22
1600-1700 on 11665 TSH 300 kW / 325 deg to WeEu German AM mode Aug.26-28
1600-1700 on 11665 TSH 300 kW / 325 deg to WeEu German AM mode Sep.2-4
1000-1100 on 11665 TSH 300 kW / 325 deg to WeEu German AM mode Oct.1-3,8,9
1000-1100 on 11665 TSH 300 kW / 325 deg to WeEu German DRM mode Oct.10

GERMANY(non) New clandestine transmission to Eritrea Radio Muhtar/Idhaa-tu Sautiya(or Radio Adal), 1500-1600 on 15205 ISS*100 kW / 125 deg to EaAf Arabic/Tigrinya Tue/Wed/Sat

* according latest changes of Media Broadcast, published today, see below:

Other changes of Media Broadcast MBR, published on July 19

Bible Voice Broadcasting

0200-0215 on 11945 ERV 100 kW / 125 deg to SoAs English Tue, ex MDC

0200-0230 on 11945 ERV 100 kW / 125 deg to SoAs English Thu/Sat, ex MDC

0200-0300 on 11945 ERV 100 kW / 125 deg to SoAs English Sun, ex MDC

0300-0315 on 7310 MOS 300 kW / 126 deg to N/ME Arabic Dardasha 7, ex NAU

1400-1415 on 17650 NAU 250 kW / 095 deg to SoAs English Sun, cancelled

1400-1430 on 17650 ISS 250 kW / 083 deg to SoAs English 1st Sat, cancelled

1700-1730 on 15160 NAU 100 kW / 145 deg to CeAf Dinka, cancelled

Pan American Broadcasting

1430-1445 on 15205 SCB 100 kW / 090 deg to SoAs English Sun, ex NAU

Voice of Oromo Liberation, updated schedule from July 22

1700-1730 on 15420 NAU 100 kW / 139 deg to EaAf Afar Oromo Wed, unchanged

1730-1800 on 15420 NAU 100 kW / 139 deg to EaAf Amharic Wed, unchanged

1700-1730 on 15420 NAU 100 kW / 139 deg to EaAf Afar Oromo Fri, additional

1700-1730 on 15420 ISS 100 kW / 130 deg to EaAf Amharic Sun, ex 1700-1800

THE FRIENDLY PIRATE

To coincide with the DX League's National Convention at Moeraki (North Otago) in March this year, a number of special transmissions were organised from 'unofficial broadcasters' in North America and Europe. One of these stations was Channel Z from the Eastern USA operating on 11 megaHertz. While a signal was detected no definite programming was identified at convention. But Channel Z was determined to be heard in the South Pacific, and he has since set up his station on a number of occasions in the wee small hours of his local morning to try and be heard around dusk New Zealand time in the 6.9 megaHertz range.

Stimulated by the convention experience, and hearing that Channel Z was planning another transmission, Jonathan Wood ventured out to Long Beach, 15km northeast of Dunedin on 2 April armed with his portable 46 metre dipole and 12 metre Spiderbeam mast. He was more than chuffed to identify one of the few pop songs he know by name - "Sweet child o' Mine" and received a fast and enthusiastic QSL response from "Mr. Z".

Since then, Jonathan has made more DXpedition trips to Shag Point, about 76km north of Dunedin in search of Channel Z's signal. Shag Point is the only coastal place he's found which will accommodate 2 antenna (for signal comparison purposes) without being a nuisance to the public (or fur seals); and which is 200+ metres from the nearest power lines. Long Beach – where the creek flows onto the beach – can take an antenna plus a BOG but otherwise is a bit limited.

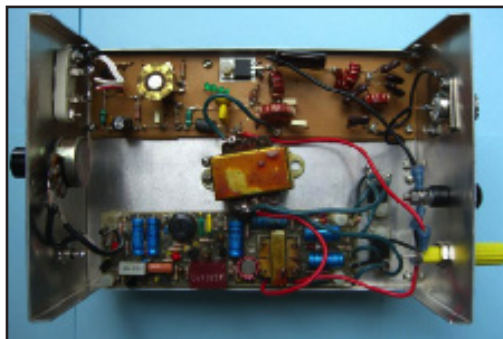
Jonathan now has a collection of 4 Channel Z QSL's and he comments that it is intriguing what Z manages to do with so little power. Channel Z uses a dipole cut to frequency, and after his first reception, Jonathan added cutouts into his receiving dipole at the 10.8m mark.

Meanwhile, in Mangawhai Northland, Bryan Clark has also been chasing Channel Z with his permanent antenna farm of 15 metre EWEs aimed at North, Central and South America. He finally got a listenable and verifiable signal on 6925.1kHz at 0556 UTC on 16 July, through his South American EWE aimed SE. Programming heard included English and Japanese language identifications, station jingle, and "CZ" repeated in Morse Code.



Along with an attractive Channel Z QSL and photo of the Commando transmitter used, Bryan received the following background information from "Mr Z": "Channel Z has been on the air since November 2004, and started because of my interest in building homemade shortwave transmitters. To date, Channel Z has been heard in 37 American states, Belgium,

Canada, England, France, Germany, Greece, Italy, Japan, Netherlands, Newfoundland, New Zealand, Norway, Poland and Venezuela; all on homebrewed transmitters. On 16 July, I was using my favourite transmitter, the Commando, designed by Dave Martin of WNKR. The Commando does 25 watts carrier on 43 meters with a 14 VDC supply. The antenna was a horizontal dipole, cut for 6925 kHz, and was approximately 15 meters above ground."



"Mr Z" concluded: "I look forward to doing future DX Tests with you and your colleagues in the New Zealand Radio DX League. Just let me know in advance if anyone is on a DXpedition, and I'll try my best to put a rig on the air. Thanks, and fight for free radio!"

Channel Z can be contacted by email: channelzradio@gmail.com

Bryan Clark & Jonathan Wood



BROADCAST NEWS



Editor Bryan Clark email
Mangawai broadcast.news@radiodx.com

NEW ZEALAND On the League's DX Dialog Yahoo Newsgroup (are you a member yet?), Theo Donnelly has been questioning the accuracy of some of the NZ medium wave radio licence data on Radio Spectrum Management's (RSM) website www.rsm.govt.nz. RSM is part of the Ministry of Business, Innovation and Employment (MBIE).

Theo says he zapped off an email to RSM about the anomalies with three of the Auckland AM stations shown as using a long gone "phantom" mast, plus the contradiction with Rhema/Star's Dunedin co-site having two grid references. He had a response within hours thanking him for the details and advising they'd review the 'new' information. Theo also queried Ian Cattermole in Blenheim about "The Hits" with 400 Watts on **1539/Picton** and **1269/Takaka** as listed in the RSM database – Ian advised he couldn't hear either at 0715 UT Sunday.

ALASKA We mentioned in last month's column that K1YU **910** in Galena was back on air. K1YU's Ops/Program Director Paul Walker has advised on IRCA's message board (and the ODXA's Yahoo group) that there are absolutely no AM signals in Galena during the daytime. He said that K1YU just tested a few times at about 50 watts. (Theo Donnelly). Sounds to me like they were just back on air to ensure the licence doesn't lapse and are not necessarily fully activated. BC

CANADA CHMJ Vancouver **730** got toasted by a brush/peat fire in suburban Delta on 3 July. "All Traffic, All The Time" initially moved to just an IBOC HD feed on one of Corus' FM outlets, CFMI/101.1, though only a sparse number of new-car models have IBOC capability so their audience will be even smaller! From press stories it looks like their transmitter was lost as well. They returned to AM in the late afternoon of 6 July. A mysterious 500-Watt auxiliary transmitter for CKNW/980 materialised atop their office tower in Downtown Vancouver, and was modified/re-tuned for CHMJ. I say mysterious, as there's no reference or acknowledgement of it that I can see in any paperwork from the CRTC or Innovation, Science and Economic Development Canada. Chatter on a local message board says it's been there since CKNW moved its studios from the suburbs at least a couple of decades ago... and it's supposedly running at 400 Watts, though puts in a miserable signal here in South Burnaby which is some 11km away as the crow flies, and apart from the forest across the street, is virtually line-of-sight. (Theo Donnelly)

I noticed at 0345 UT 26 July that CHMJ/730 was back with a decent signal. This morning, checking local Gord Lansdell's <nwbroadcasters.com> site, he advised that they powered up at 10kw as of 2245 UT 25 July. He doesn't add anything else, but if they managed to come back that quickly, it doesn't seem like much damage was done to the actual transmitter facilities. I'm guessing the lower power is because they lost at least one of the four towers so likely can't run full blast. (Theo Donnelly)

580 South Fraser Broadcasting and 1811258 Alberta Ltd have both applied to operate a full-time multilingual commercial station in Edmonton Alberta with 10kw.

880 CKLQ Brandon MB proposes moving to 91.5 FM but 880 will remain on air as a nested repeater with 10kw. (Dan Sys via IRCA)

MONGOLIA The tests carried out by Babcock on **1431** have now been determined as in preparation for Shiokaze-Seabreeze broadcasts in Korean and Japanese, scheduled daily from 29 July at 1400-1500 UTC. (S.Hasegawa via Glenn Hauser's DXLD Yahoo Group) (Shiokaze has been on shortwave since 2006, broadcasting messages to Japanese people reportedly abducted to North Korea. BC)

PUERTO RICO

- 580 WKAQ San Juan seeks to extend STA for U1 10000/4500);
- 1240 WALO Humacao seeking STA extension for U1 1000/5000 due to HICV QRM.
- 1580 WMTI Morovis has applied for U5 5kw days, 1.6kw nights.

USA (items from National Radio Club's "DX News" bulletin)

- 570 KLIF Dallas TX applies for U4 5kw/2.4kw, diplexing with KTCK 1310.
- 630 KIDD Monterey CA seeks to extend STA - U1 250 watts night from KNNY tower.
- 690 WQNO New Orleans LA seeks STA extension - U1 2.5/1.25kw from temporary antenna.
- 760 KFMB San Diego granted STA with U2 5kw/10kw; wishes to experiment with 10kW rather than 50 kW night power as most of the pattern goes out to sea.
- 790 WMC Memphis TN granted STA with U1 5kw/1.25kw from normally unused auxiliary tower at existing site to facilitate tower work.
- 890 KMJE Oliverhurst CA granted CP for U4 10kw days, 270 watts nights, consolidating at licensed day site.
- 890 KDXU St. George UT granted STA of U1 10kw/2.5kw while KHKR 1210 is diplexed.
- 910 KECR El Cajon CA granted STA extension for U4 including 5kw nights, running night pattern 24 hours.
- 920 WDMC Melbourne FL granted STA extension for U1 1.25kw/0.5kw.
- 1050 KTCT San Mateo CA seeks to extend STA for U4 50kw/35kw.
- 1130 KSDO San Diego CA seeks STA extension: U1 2.5kw day & night from temporary dropwire antenna.
- 1250 KKDZ Seattle WA seeks to extend STA with U1 5kw/1.25kw, all from day site, day power 0300-LSS ELT.
- 1250 KZDC San Antonio TX applies for STA with U5 25kw days, 250 watts nights from day site; problem discovered with one of the night site towers.
- 1300 WJMO Cleveland OH seeks to extend STA for U1 1.25kw day & night.
- 1310 KTCK Dallas TX granted STA extension for U4 20kw days/5kw nights.
- 1430 KEZW Aurora CO granted STA extension for U1 10kw/1.25kw.
- 1480 KYOS Merced CA granted STA extension for U1 5/1.25kw from temporary site.
- 1520 KOKC Oklahoma City OK granted STA extension for U1 10kw/10kw.
- 1560 KGWOW Bellaire TX granted STA for U3 15kw day & night from night site; day site severely damaged in recent Houston-area flooding.
- 1560 KZIZ Pacific WA granted CP for U7 10kw/2.5kw (critical hours 2.5kw)
- 1590 KVTA Ventura CA granted STA to operate at night with day pattern and (unspecified) reduced power.

USA (items from IRCA's "DX Monitor" magazine)

- 770 WJBX North Fort Myers FL drops ESPN Deportes Radio Network, now talk, slogan "WJBX News Talk and More".
- 860 KTRB San Francisco CA has replaced its ESPN Deportes Sports Radio Network SS sports format with EE talk, slogan "860 AM The Answer".
- 1000 WDXZ Robertsdale AL has changed callsign to WJNZ.

- 1150 KNRV Englewood CO has change of slogan from “La Buena Onda 1150” to “KNRV 1150 AM”
- 1230 KVAS Astoria OR has a new callsign of KKOR and replaces classic country format with classic hits, new slogan: “106.3 The Beach”. Pat Martin hrd 5/7 w/ promo for “Your place for the 60s, 70s and 80s, 106.3 The Beat”.
- 1230 KFPW Fort Smith AR has new slogan: “The Marshall 1230 AM”
- 1430 WOIR Homestead FL reactivated w/SS contemporary Christian format, slogan “Radio Zoe 1430 AM”

X BAND UPDATE

- 1680 KRJO Monroe LA has switched from Classic Hits to Hot Adult Contemporary in // with 99.7 FM K259CU Monroe. New website <http://997myfm.com/> (Barry Davies UK, 5/7 via MW Circle yg via DXLD) Noted 20/7 with “More variety, more music, 99.7 MY-FM”. (Glenn Hauser OK via DX Listening Digest)

NEW NRC AM LOG The National Radio Club (NRC) is taking advance orders for the 37th edition of the NRC AM Log, which is expected to be published at the end of August. This is the primary reference for anyone interested in DXing medium wave stations from North America. Cost outside North America is US\$41.75. Contact Wayne Heinen at NRC Publications via email amradiolog@nrcdxas.org if you're interested in purchasing.

YAHOO! SPORTS RADIO The Yahoo! Sports Radio Network has had many names since its formation in 1991 as Sports Entertainment Network. It was acquired in 1993 by closed circuit broadcaster One-On-One Sports and took its name until it was merged into The Sporting News and became Sporting News Radio in 2000. After being acquired by Houston based Gow Communications a licensing and branding agreement was reached with Yahoo! Sports leading to its rebranding as Yahoo! Sports Radio on August 1, 2011. Now another rebranding appears imminent. With that five year deal with Yahoo reaching its end on August 1, it appears as though the next online property to associate itself with the radio network will be Vox Media's SBNation. Vox registered SBNationRadio.com, while Gow Communications registered SBNation1560.com and SBNationRadio1560.com for network flagship KGOW Houston.(Wayne Heinen NRC)

KINGS OF THE KILOHERTZ

PHIL GARDEN Oamaru writes “It has been very noisy at home as the trail shows - 3 stations heard. I feel the noise is atmospheric and is mainly there when we get a frost or near frost. When it is raining It appears that the Band is OK. I could be wrong.”

BILL MARSH of Blenheim is coming to grips with his recently-acquired Drake SPR4 and on an initial test run found KDIA 1640 at S9+ level, compared with only S7 on his Grundig Satellit 800. But he needs to deal to the Drake's bassy audio “as I have some difficulty with that due to some hearing loss I have.”

BRYAN CLARK Mangawhai was pleasantly surprised to get a QSL from WPRR 1680 (680 watts night-time power) in the post, just 7 days after emailing a report to the station. MW DX continues to bring some interesting catches from both North and South America which you'll find in the following Trail. A recent thunderstorm saw damage to my EWE antenna amplifier and sadly the AOR7030+ - Thanks to “Doctor Paul” for fixing the former but I am importing an IC from China to hopefully resurrect the AOR.

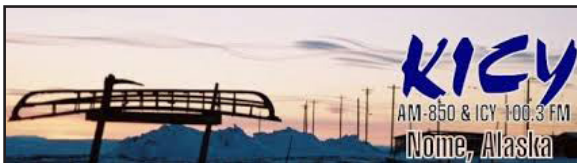
BROADCAST TRAIL June-July 2016**PG** = Phil Garden, Oamaru with Kenwood R-5000 receiver & EWE antenna to Northeast.**BCM** = Bryan Clark at Mangawhai with WinRadio Excalibur Pro SDR and EWE antennas to NE, East & SE.

- 850 1012 ALASKA KICY Nome mixed, occasionally over KOA w/continuous RR gospel songs 30/6. Unusual reception for mid-winter. BCM
- 870 0525 ECUADOR Radio Cristal Guayaquil good w/ continuous Andean huaynos folk songs, interspersed w/wailing siren 25/7 till SS ident at 0544. BCM
- 880 0523 UNID LATIN with SS religious format (sounding like SRDA preacher at times) dominant past 0545 on 25/7. No sign usual Radio Union Peru. BCM
- 940 0940 HAWAII KKNE male announcer mentioning Honolulu, poor 26/6. PG
- 1150 0546 ARGENTINA? Possibly a Radio Nacional outlet w/talk format, time pips on the hour (2 short, 1 long), SS anctt "En red nacional, música, informar." into news 12/7. BCM
- 1150 0644 MEXICO XEAD Tonola vgd w/frequent SS idents "...en Radio Metrópoli 11-50", 18/7. BCM
- 1170 0915 AUSTRALIA 2CH Sydney NSW easily hrd on the car radio 26/7 w/classic pops, 'Magic' slogan frequently given. BCM
- 1210 0542 USA KGYN Guymon OK reportedly still running 10kw day power at nights, over or mixed KPRZ talk w/country music format "Today's Country for ... City, 12-10 KGYN" 21/7. Also hrd 0945 30/6 w/"Garden City 12-10 KGYN" dominating the frequency. BCM
- 1400 0911 UNID LATIN w/monotonous SS talk format, hrd regularly from sunset now. Possibly Peruvian Ecco Radio that replaced Callao Super Radio. 24/7. BCM
- 1422 0945 AUSTRALIA 3XY w/male talking in Greek, poor/fair 26/6. PG
- 1430 0550 USA KYNO Fresno CA w/ident "14-30 KYNO, the Greatest Hits on Earth", mixing with Mexican format 10/7. BCM
- 1460 0503 COLOMBIA Radio Nueva Continente Bogota good w/website details and how to make a donation 24/3. BCM
- 1470 0644 PERU OAU4B Lima dominating w/"Escuchar Radio Capital..." 8/7. BCM
- 1520 0828 BOLIVIA "Radio Pachan Kanapha" ident for Latin American station w/religious format 10/7 had me confused, until Henrik Klemetz on the RealDX Yahoo Group was able to tell me it is the Radio La Luz del Tiempo ID in Aymara, a Bolivian native language. Also good w/SS id 0722 14/7. BCM
- 1530 0531 USA KFBK Sacramento CA w/weather and 'top news stories' on "Newsradio KFBK 93.1 FM and 15-30 AM" mixed Hawkes Bay and regularly heard distorted SS audio, possibly from Panama 21/7. BCM
- 1570 0950 MEXICO XERF male in SS "La Ponderosa" slogan hrd often, fair 26/6. PG
- 1600 0455 USA UNID w/sports talk format 6/7, possibly WWKF Key West FL. BCM
- 1610 0520 ANGUILLA/CANADA Melissa Scott preaching // 6090 SW, mixed w/SS music which was later on top and confirmed as CHHA Toroto 24/7. BCM
- 1630a 0630 ARGENTINA Radio Melody w/clear SS ident 22/7. Freq about 1629.9. BCM
- 1650 0950 USA KBJD Denver CO on top w/contemporary Christian vocals, ident on the hour 12/7. BCM
- 1670 1059 USA KHPY Moreno Valley CA w/sung jingle "KHPY Moreno Valley" f/by "16-70 AM" spoken by young girl, then SS religion. Dominates freq 22/7. BCM



- 1681a 1010 UNID LATIN possibly Argentinian, on 1680.923, wedged between 1680 & 1683 stations 12/7. BCM
- 1680 0957 USA WPRR Ada MI w/political talk, ident on the hour as "Public Reality Radio, WPRR 16-80 AM and 95.3 FM", fair on top 27/6. BCM
- 1680 1000 USA WOKB Wintergarden FL w/ ident "WOKB Wintergarden Florida" on the hour & SS promo for religious event 24/7. BCM.
- 1690a 0808 ARGENTINA Radio CLS 'Cristo la Solucion', San Justo on 1689.960kHz, separable from co-channel US stations, peaking good w/ident, contemporary Christian vocals past 0840 9/7. New here. Better signal 24/7 w/idents at 0950 and 1006. BCM
- 1700 1032 USA WJCC North Miami FL atop the 2 sports stations w/Creole talk, Fort Lauderdale phone number, fading fast after 1050 22/7. Local sunrise was 1043 so good example of sunrise signal enhancement. BCM
- 1710a 0830 ARGENTINA "AM 1710" new station confirmed on 1709.866 w/music & infrequent SS anncs including apparent ID as "...la AM mil setecientos diez"" at 0900 9/7. Followed past 0940. Also hrd w/ident at 0928 on 24/7. BCM

Bryan has an update on the **1150 UNID** that was tentatively listed as a Radio Nacional transmitter from Argentina. Our Vancouver DX Sleuth Theo has in fact confirmed it is a slogan used by Mexico's Radio Metr poli for its national network news.



NORTH AMERICAN X BAND AT-A-GLANCE 08/2016 (thanks to Tony King)

1610	Carib.Beacon Anguilla ANG	EE	religious. Dr Gene Scott /Mrs Scott
	CHHA Toronto ON	SS	'Radio Voces Latina' Call in SS & EE. Distinctive chimes
	CHRN Montreal QU	QU	South Asian Format. Radio Humsafar
1620	KSMH West Sacramento CA	CA	Rel. 'IHR (Immaculate Heart Radio) Sacramento". "
	R Rebelde (6 Tx sites)	CUBA	SS .Distinctive 5 note chime on hour. Sync echo.
	WNRP Gulf Breeze FL	FL	News/Talk ABC News "News Radio 1620"
	WDND South Bend IN	IN	Hot AC// U93 (FM)
	KOZN Bellevue NE	NE	Fox Sport "The Zone"
	WTAW College Station -Bryan TX	TX	'Newstalk 16-20 WTAW' Takes C-to-C AM
	WDHP St Croix USVI	Nx/talk/gospel/country.	Overnight NZT currently b2b mx.
	KYIZ Renton WA	Urban contemparey //KRIZ " Z Twins"	
1630	WRDW Augusta GA	ABC News, Talk/Sport	
	KCJJ Iowa City IA	News-talk-AC	" Mighty 16-30 KCJJ"
	KKGM Ft Worth/Dallas TX	Southern gospel ID	'Hope 1630' IRN News
	KRND Fox Farm WY	SS	'regional mexican' ID " La Grande"
1640	KDIA Vallejo CA	Talk/religious/life issues	
	WTNI Biloxi MS	Sport.	"ESPN AM 1640 The Champ"
	KZLS Enid OK	News/Talk	
	KDZR Lake Oswego OR	Conservative Talk	"Talk 1640"
	KBJA Sandy UT	SS news/talk	EE ID "KBJAM Super 1640"
	WSJP Sussex WI	Rel. Catholic.	Relevant Radio
1650	KFSW Fort Smith AR	Contemporary Christian	
	KFOX Torrance CA	Korean/ EE ID	on hour
	KBJD Denver CO	SS Rel.	Radio Luz
	KCNZ Cedar Falls IA	"The Sports Station"	1650 The Fan
	CINA Mississauga ON	South Asian format	
	KSVE El Paso TX	SS Sports/Talk ESPN.	"ESPN Desportes 1650"
	WHKT Portsmouth VA	Conservative Talk Radio	"1650 The Answer"
1660	KTIQ Merced CA	SS.	Slogan 'Radio Anvictio'
	KNCZ Marco Is FL	SS Tropical- hispanic urban	'Ardiente 1660"
	KWOD Kansas City KS	Sport/Talk	"1660 The Score"
	WQLR Kalamazoo MI	Fox Sport.	"Kalamazoo 1660, The Fan"
	WBCN Charlotte NC	Conservative Talk .	'Americas Pulse 1660'
	KQWB West Fargo ND	Fox Sports	
	WWRU Jersey City NJ	Korean	
	WGIT Canóvanas PUR	'Faro de Santidad'	SS Religious
	CJRS Montreal QU	Radio Shalom - Hebrew,French, English	
	KRZI Waco TX	'KRZI ESPN Radio'	
1670	KHPY Moreno Valley CA	SS religious.	Sung ID on hr. "KHPY Moreno Valley 1670"
	KNRO Redding CA	Fox Sport	
	WPLA Dry Branch GA	"Fox Sports 1670 Georgia"	
	CJEU Gatineau QU	Community/Children's Radio	"Radio Oxygene 1670"
	WOZN Madison WI	" CBS Sports radio	"The Zone"
1680	KGED Fresno CA	"Conservative Talk Radio	1680"
	WOKB Winter Garden FL	Rel.	"WOKB Winter Garden-Orlando"
	KRJO Monroe LA	Change of format, to Hot Adult Contemporary // 99.7 FM	
	WPRR Ada MI	Talk ID " Public Reality Radio"	
	WTTM Lindenwold NJ	World ethnic	"El Pasaporte"
	KNTS Seattle WA	SS Religious.	EE ID 00:10 after hour. "Radio Luz"
1690	KFSG Roseville CA	Rel. SS,RR,Hmong	EE ID on hr "KFSG Sacramento"
	KDMT Arvada CO	"Money Talk 1690"	
	WMLB Avondale Estates GA	Eclectic mix.	"Voice of the Arts" CBS News
	WVON Berwyn IL	Talk	
	WPTX Lexington Park MD	Format change 06/16	NOS 'Americas Best Music"
	CHTO Toronto ON	Multilingual.	Greek.
	CJLO Montreal QU	Campus community - college station	
	WIGT Charlotte Amalie USVI	Religious.	
1700	WEUP Huntsville AL	Urban contemp. Gospel	"Hunstville's Heritage Station"
	WJCC North Miami Beach FL	World Ethnic.	'Radio Mega 1700'
	KBGG Des Moines IA	Sport	" 1700 The Champ"
	XEPE Tecate BCN MX	"ESPN 1700" sports	
	WRCR Ramapo, NY NY	IRN 'Radio Rockland'	
	KKLF Richardson-Dallas-Ft Worth TX	Tejano/Conjunto	SS & EE " Kick 1700"
	KVNS Brownsville TX	Fox Sports Radio	

TV/FM NEWS & DX

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NZME launch Coast Radio Station into Russell

New Zealand Media and Entertainment (NZME) announced today one of New Zealand's favourite easy listening stations, Coast, is now in Russell on 89.6FM. Coast plays the top superstar acts including Fleetwood Mac, The Beatles, Billy Joel, The Eagles, Elton John, Queen and David Bowie. The station boasts a diverse and entertaining line up of presenters throughout the day. Tune in to Breakfast with Brian Kelly, Days with Lorna Subritzky, Drive with Murray Lindsay and Nights with Rick Morin, for the best music, interviews with intriguing guests and news and entertainment updates.

NZME Group Director – Entertainment, Dean Buchanan says the team is thrilled to launch Coast in Russell.

“Coast plays the music people love to sing along to. It's the perfect companion for any time of the day, whether you're driving to work, pottering around the house or going for a walk. We hope the people of Russell will love this new station.”

Coast is currently giving listeners the chance to win a trip of a lifetime to see music icon Barbra Streisand live in New York City. The winner will be announced on August 4, giving Russell listeners plenty of time to enter the draw.

Coast can be heard right now on 89.6FM.

(NZME, 25 July 2016, advertising.nzme.co.nz/nzme-launch-coast-radio-station-into-russell/)



MEDIAWORKS RADIO NUMBER ONE NETWORK NATIONWIDE WITH 2,149,800 LISTENERS MORE THAN 1.4 MILLION LISTENERS IN BREAKFAST RADIO

MediaWorks Radio is the number one network nationwide, with 2,149,800 listeners tuning in every week across its nine radio brands. In the top 13 major markets, MediaWorks Radio achieved its highest ever figure - growing its total audience to 1,695,000.

MediaWorks Radio cemented its breakfast domination across the country with 1,449,300 listeners and 51.3% of the total audience in the critical 6-9am timeslot. Major Market breakfast growth matched this, increasing MediaWorks audience share to 51.4% and gaining 44,900 new listeners to 1,141,100.

Across New Zealand, a huge performance in the key commercial demographic of listeners aged 25-54 was also achieved with a network share of 56.3%, more than 23 percentage points ahead of MediaWorks' nearest competitor. In total audience across the country, MediaWorks stations have 51.8% of the audience – more than 14 percentage points ahead of its nearest competitor.

The results also show MediaWorks Radio is number one in both share and total audience in all key commercial demographics: 10+, 18-39, 25-54 and Household Shoppers. In the key commercial demographic of 25-54, MediaWorks has the most popular four stations nationwide: The Sound, The Rock, More FM and The Edge.



The Edge has retained its position as New Zealand's most popular station hitting 662,700 listeners, with More FM the second most popular music station, attracting 497,600 listeners. Paul Henry on RadioLIVE has matched its success on television with growth in Major Market share and audience to a new high of 125,600 listeners per week, while in Total New Zealand audience, the show attracts 160,000 weekly listeners. In afternoons, Drive with Duncan Garner, grew Major Market share and audience by a staggering 16,300 per week.

Mai FM is New Zealand's number one Hip Hop & RnB station, and Auckland's number one music station – led by Auckland's most popular music breakfast, drive and night shows.

The Sound confirmed its position as the number one station in its target demographic of listeners aged 45-64 as well as 25-54.

The Rock, George FM and The Breeze delivered strong results across a number of key demographics, while Magic demonstrated continuous growth.

Leon Wratt, Group Content Director – Music, MediaWorks Radio said:

“We are absolutely thrilled with the results. The first Total New Zealand survey has demonstrated MediaWorks' unquestionable dominance in the radio market with 2,149,800 listeners.”

“Across the MediaWorks network our stations and presenters have once again delivered stellar results and some of our best audience figures to date. A massive congratulations to all our teams for their on-going efforts.”

(MediaWorks, 22 July 2016, www.mediaworks.co.nz/MEDIAWORKS-RADIO-NUMBER-ONE-NETWORK-NATIONWIDE-WITH-2149800-LISTENERS-MORE-THAN-14-MILLION-LISTENERS-IN-BREAKFAST-RADIO/tabid/1602/articleID/4657/Default.aspx)



NEWSTALK ZB NUMBER ONE RADIO STATION IN NEW ZEALAND HOSKING NUMBER ONE BREAKFAST IN NEW ZEALAND

The results for the second 2016 GfK independent radio survey have been released. Newstalk ZB dominates the Total NZ market as New Zealand's number one radio station as does The Mike Hosking Breakfast, which retains its number one Breakfast spot, and dominates the competition.

"In an intense news cycle, locally and internationally, New Zealanders have turned to the Mike Hosking Breakfast show as the trusted news source," says Dean Buchanan, NZME Group Director Entertainment, "Newstalk ZB is a power brand, consistently being New Zealand's leading commercial radio station since 2003."

Buchanan says NZME music brands continue to grow listeners, with ZM, The Hits, Radio Hauraki, Mix and Flava all growing their audience in Auckland. The Flava result is a highlight, out-rating George FM, The Rock and Radio Live.

"We're only six months into the Flava refresh including a new breakfast show lineup, which has performed incredibly strongly. It's a tremendous result."

NZME Chief Commercial Officer, Laura Maxwell says it is immensely pleasing the relevance of commercial radio in New Zealand is confirmed with 3.1 million listeners tuning into commercial radio. The recent results show people spend over 16.5 hours a week listening to commercial radio, demonstrating significant engagement.

"More people are listening to radio than ever before and NZME has over 1.8 million of those listeners. In a time where advertisers have a plethora of options, the results show that radio is a sound choice to reach audiences at scale. Add to that the ability to reach NZME audiences across both broadcast and iHeartradio and it's a very compelling proposition."

iHeartRadio continues to be a great proposition for advertisers with 476,019 registered users, which is year on year growth of 30% and there have been 635,207 app downloads up 37% from last year.

"iHeartRadio is significant in NZME's offering to clients," says Buchanan. "People are glued to their phones and tablets and as a result there have been over 1.9 million listening hours in June (up 47% year on year). Of these 87% listened via a mobile device (up 36% year on year)."

(NZME, 21 July 2016, advertising.nzme.co.nz/newstalk-zb-number-one-radio-station-in-new-zealand/)



UTILITIES

Editor

Arthur DeMaine

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Another quite month in the Utility section with only a couple of loggings.

FREQ UTC DETAILS OF TRANSMISSION

8867 0412 Auckland - Q154 requesting flight level good 7/7 ABD
 8867 2227 CATHAY 194 AKL ADV Sig met thunder storms, area pos /adv aprox
 FL330 control 129 300 confirmed 28/7 RP
 8867 2338 SINGAPORE 295 AKL DATA LINK TONES EXC 28/7 RP

CONTRIBUTORS

RP Roger Pryde, Dunedin DR49 National Aerial 30 mtr LW
ABD Arthur De Maine, Ashburton Icom R-71E 30ft longwire

For the member who may have an interest in Utility DXing the following is some information on useful publications and internet sites.

“The Worldwide Aeronautical Communications Frequency Directory” by Robert E. Evans, published by Universal Radio Research, Second Edition – out of print but keep an eye out for a copy in second hand book shops and on the net. A number of frequencies listed are still used to-day.

“Guide to Utility Radio Stations” Klingenfuss Publication – published each year. Check website www.klingenfuss.org for more information. They also produce a Super Frequency List CD.

There are also one or two websites which have frequencies listed but one needs to check as to when the logs were made or the site last updated.

Website – www.solarix.net - latest aircraft logs 11 June 2016. The site also has other logs. The site is US based.

www.hamuniverse.com - Aircraft frequencies. World Wide HF and VHF/UHF Aircraft Communications Listening.

STATION & OPERATING AGENCY	RADIO CALL	TRANSMITTING FREQUENCIES	REMARKS
HONOLULU (FAA)	Honolulu Radio	122.6 122.2 #121.5 MHz	Freqs with decimal point are (mHz) Others are khz. #Emergency. Frequency 122.1 also available for receiving only.
	Volmet	2863/ 6679/ 8828/13282 kHz	Broadcasts at H+00-05 and H+30-35; Aerodrome Forecasts, Honolulu, Hilo, Agana, Honolulu. SIGMET. Hourly Report, Honolulu, Hilo, Kahului, Agana, Honolulu.

VOLMET Broadcasts at H+05-10 and H+35-40; Hourly Reports, San Francisco, Los Angeles, Seattle, Portland, Sacramento, Ontario, Las Vegas.

SIGMET. Aerodrome Forecasts, San Francisco, Seattle, Los Angeles. Broadcasts at H+25-30 and H+55-60; Hourly Reports, Anchorage, Elmendorf, Fairbanks, Cold Bay, King Salmon, Vancouver. SIGMET. Aerodrome Forecasts, Anchorage, Fairbanks, Cold Bay, Vancouver.

Arthur

ADCOM NEWS

Editor Bryan Clark
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WELCOME to TONY WARD of Toronto Canada, rejoining the DX League after an absence of some 50 years! Tony was an active Auckland Branch member in the 1950s & 60s, concentrating mainly on MW. Our photo shows Tony recently checking out Mangawhai DX.



WE REGRET to advise that **ROSS PATON** an Auckland League member and also a foundation member and stalwart supporter of the NZ Vintage Radio Society died on 14 July. Ross was a long serving member of the Philips New Zealand workforce and general expert in things Philips. Thanks to David Crozier of NZVRS for alerting us to Ross' passing.

BRYAN MARSH David also advises us that Bryan, another well-known Auckland League member, has been in Middlemore Hospital recently and will be eventually moving to a suitable care facility. We extend our best wishes to Bryan at this time.

CAN YOU BELIEVE IT? Like many members I have vivid recall of Radio Hauraki's pirate radio operation in Auckland's Hauraki Gulf, so it's hard to believe this year will mark the 50th anniversary of the time when the future of NZ domestic broadcasting was so transformed. Go to www.hauraki.co.nz/hauraki50 to view video clips of those exciting days, and there are also souvenir Tee shirts on offer. We look forward to member reminiscences in the DX Times over the coming months!

RNZI CHANGE COMING? Linden Clark, Radio NZ International's Manager since 1994, has just been appointed People and Development Manager for Radio New Zealand. With the recent reduction in RNZI's shortwave transmission capability, it will be interesting to see what might happen next in the way RNZI is managed.

NEW POSSIBILITIES FOR RADIO AUSTRALIA? New ABC Director General Michelle Guthrie has been quoted as "forcefully expressing" her interest in the ABC returning to full-blooded international broadcasting, and raised the fact that Radio Australia no longer broadcasts in Mandarin, nor in Tok Pisin, the lingua franca of Papua New Guinea. A return to international TV broadcasting two years after the Abbott government scrapped funding for the ABC's Australia Network (to please Rupert Murdoch) would not come cheap. Nor would a revival of Radio Australia, once the major arm of Australia's soft power in the region." Sky News correspondent Jim Middleton also wrote "A return to international broadcasting, eviscerated by the Abbott government in 2014, is clearly a priority, according to those who have met her. She is aghast that Radio Australia no longer broadcasts in Mandarin and that the ABC's Australia Plus Chinese portal has been caught censoring material that may have offended Beijing. ("The Saturday Paper" 11 & 18 June issues via Phil Brennan via SWLing Post via Glenn Hauser's DXLD Yahoo Group)



On the **shortwaves.com**

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

< www.ontheshortwaves.com> Update, June 26, 2016 -- The sale of radio parts was big business in the medium's early days, and many manufacturers sold both parts and "ready made" receivers, as they were called in the days of home receiver building. One such company was the Pilot Radio & Tube Corp., which had relocated from Brooklyn to Lawrence, Massachusetts. Under "DX History/Equipment & Advertising" you will find the company's Spring 1932 catalog, which featured numerous parts, as well as two shortwave converters and a kit version of the Pilot "Super-Wasp" receiver (power supply extra). -- And under "Specialized Resources," a new Wavescan entry from Dr. Adrian M. Peterson, "The Early Wireless Scene in Florida" (Wavescan N382, June 19, 2016).

< www.ontheshortwaves.com> Update, July 3, 2016 -- The sale of radio parts was big business in the medium's early days, and many manufacturers sold both parts and "ready made" receivers, as they were called in the days of home receiver building. One such company was the Pilot Radio & Tube Corp., which had relocated from Brooklyn to Lawrence, Massachusetts. Under "DX History/Equipment & Advertising" you will find the company's Spring 1932 catalog, which featured numerous parts, as well as two shortwave converters and a kit version of the Pilot "Super-Wasp" receiver (power supply extra).

< www.ontheshortwaves.com> Update, July 10, 2016 -- This time, under "DX History/Philately," we have another group of radio-related philatelic items from Africa. Included are: (1) a 2012 cover from Algeria recognizing 50 years of an independent RTA (Radio-TV Algerienne); (2) a 1964 cover about microwave transmissions in Annaba, Algeria; (3) two covers from an old Angolan SWer, R. Clube do Humabo, promoting a philatelic show in Nova Lisboa in 1974; (4) a 1968 cover from the Ivory Coast recognizing a station in Tabou; (5) a 1960 Libyan cover issued on the occasion of the Third Pan Arab Congress on Radio & TV; (6) a 1963 Madagascar cover about microwave transmissions between Tananarive and Fianarantsoa; (7) a 1963 cover from Niger recognizing the second anniversary of the African and Malgache Post & Telecommunications Union; (8) a 1977 cover and data sheet about 21 years of SABC broadcasting in Southwest Africa (now Namibia); and (9) several postal items celebrating the first anniversary of Radio Transkei (one of the short-lived South African "homelands"). -- And under "Specialized Resources" we have these two new "Wavescan" entries from our friend Dr. Adrian M. Peterson: "Focus on the South Pacific--Cook Islands 5: The World's Most Beautiful Island" (Wavescan N383, June 26, 2016), and "Focus on the South Pacific--The 1937 Pacific Aviation Mystery: The Search for Amelia Earhart, A Hundred Different Callsigns" (Wavescan N384, July 3, 2016).

< www.ontheshortwaves.com> Update, July 17, 2016 -- Under "DX History/Stations," we have posted an interesting VOA certificate of appreciation, thanking one Jon Erikson for his contribution "to the planning, design, implementation, and construction" of the Morocco Relay Station, that is, the Briech station, which opened in 1993. Amplifying the

colors a bit reveals the signer to be Robert E. Kamosa, after whom the Robert E. Kamosa Transmitting Station in the Northern Marianas is named. Who was Jon Erikson?-- And under "Specialized Resources" we have this new Wavescan entry from Adrian Peterson: "A Flash Across the Strait: The First Long Distance Wireless Message Across Water in the Southern Hemisphere" (Wavescan N385, July 10, 2016).

< www.ontheshortwaves.com> Update, July 24, 2016 -- Some time ago, under "DX History/Stations," we posted a pamphlet from OTC, the wartime voice of Belgium, which operated from Leopoldville in the Belgian Congo. Now we have posted a companion pamphlet from the mother ship, ORU, in Brussels, Belgium. It shares some content with the OTC publication, but there is some original material as well, plus some additional photos. This piece originally belonged to DXer Kermit Geary. Search the "DX History" page for "DX Jewelry" to see the pin which was offered to members of the station's "Amongst Friends" club. -- And under "Specialized Resources/Wavescan," we have posted another part of the Cook Islands story: "Cook Islands Radio Tour-6," Wavescan N386, July 17, 2016.

BRANCH NEWS

**Any information re Branch News - notice of upcoming events
or reports of recent events, please email:
editor@radiodx.com**

DUNEDIN BRANCH

The next meeting will be held on **Saturday, 24th September** from 2-4pm
at Ian Wells' home,
16 Fenty Place,
Mosgiel.

We're always happy to welcome new members – for further information, contact
David Miller 03 4763224
or Roger Pryde 03 4737805,
and, if possible, let Ian know that you're coming on 021 2987146.

WELLINGTON BRANCH

The next Beach Babble will be on **Wednesday, 31st August**
12.45pm

Beach Babylon Cafe, Oriental Bay, Wellington

join Dene and others to talk about what's what in the world of DX.