


N.Z. RADIO  LEAGUE	<h1>New Zealand DX Times</h1> <p>Monthly Journal of the New Zealand Radio DX League (est 1948) June 2016 Volume 68 No. 8 http://www.radiodx.com</p> 	N.Z. RADIO  LEAGUE
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Hello and welcome to the June edition of the DX Times

Wishes for best health and a speedy recovery go out to former Chief Editor, **David Ricquish**, he of Beach Babble fame. David has suffered a stroke and the last I heard he was in Kenepuru Hospital undergoing treatment.

The editorial team, and the League as a whole, wish David well. Our thoughts also go out to his wife, Jo. Behind every good man



Ian Wells and his new EWE.

Ian Wells, Phil Garden and Jonathan Wood went on a DXpedition to Waianakarua, where they had a very successful weekend. It wasn't so good on the Friday evening, but Saturday was very good on MW. Paul Ormandy has built them a EWE antenna or two and they worked very well.

Later in the mag on page 32 You can see Paul's article on the construction of the EWE.

Deadline for next issue is Wed 29th June 2016 . P.O. Box 178, Mangawhai 0540

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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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**CLOSING DATES FOR THE NEXT
3 MONTHS 2016**

July Wednesday 29th June
August Wednesday 27th July
September Wednesday 31st August

**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.**



I had an email from my good friend, **Paul Aronsen**, recently. Southland was once the heart of the League and of course, Tiwai was the mecca for DXers. No trip to Tiwai was complete for me without sampling Bluff oysters and blue cod. For those members who live abroad, Bluff oysters are the best in the world. I have lived around the world and have sampled oysters in all sorts of places and nothing compares to the Bluff variety. There is a limited season and they sell for a fortune.

Paul was writing to **Ray Crawford** and me to tell us about the Bluff Oyster Festival. He said: 'There were thousands at Bluff today.. Streets were jammed with parked cars. Many, many motor homes and caravans, were parked at the old Ocean Beach Freezing Works grounds, and in the car park opposite the ferry wharf. Cooked oysters at the festival site cost \$32 a dozen, and there was a line of buyers about 2 meters wide, waiting about an hour to place orders. We did not go into the site, as Gwen had bought 2 dozen from Pak n Sav yesterday for \$46. On leaving Bluff, we saw Fowlers Oysters open, selling raw and cooked oysters, so I bought a dozen with chips. The guy behind the counter had sold a 100 dozen in 10 minutes! It took about 15 minutes to get our order and it was amazing as to how many Asian tourists came in to buy and try the oysters. Hope that makes you lot envious- you lot just get back to the radio waves and I will stick to what's under the sea waves!'

Well - at least he left us a couple each!



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

They can be found at

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

MAILBAG

Editor
Theo Donnelly

email mailbag@radiodx.com
Burnaby, BC, Canada



As those who subscribe to <dxdialog> will already know, **David Ricquish** suffered a stroke in early May. **Dene Lynneberg, Pukerua Bay** has been able to fill in some of details. He reports that David's left side has been affected which Dene notes is unfortunate as David is left-handed -- and that he is now in Kenepuru Hospital in Porirua. At the 'Times' deadline, Dene advised that David had begun some rehabilitation exercises and that his voice is weak. I'm sure we all wish David and his wife Jo our best thoughts for his full recovery.

Ian Cattermole, Blenheim opens the 'as received' contributions... he's always the early bird. "Here are my SW veries received during May: WHRI 11635; RDW Talata 11820; RDW Nauen 15530; HCJB Nauen 13800; AWR Nauen 11800; AWR Trincomalee 17880, 15360, 15630, & 15625; R. Veritas Asia 11890; VOIRI 7330; RRI 6030; KSDA 15365; and Bible Voice Broadcasting, Kostinbrod 13810 kHz. That's it for this month." (*You were so early – the 17th – that I thought I'd had a Senior's Moment or three, and had forgotten a week. The early 25th deadline date didn't help either!*)

Ray Crawford is still somewhere in **Nomads' Land**, aka **Western Australia**. "Hi Theo: reports out to 6PR 882, 6IX 1080, 6RPH 990, 6EL 621, 6MM 1116, 6SE 747. QSL's in from 6LN 666, 6MM 1116, 6PR 882, 6SE 747. Travelling across from Perth to Kalgoorlie and then back to Kingaroy across the Nullabor. Have seen a couple of rail museums out of Perth and looking forward to seeing one in Merridin." (*Now that's how to make this Camper Happy... go see trains anywhere. But it'll be a while before you're back in Kingaroy, surely?*)

Stu Forsyth in Cyberjaya, Malaysia (at least I think that's where he is right now – he bounced into Heung Kong at one point recently) reports more activity than I have in decades. "I have logged RRI Palembang on 1287 - the only Indonesian audible at 0700z on 4/5. I have received veries from RFA 21475 and 15330, CFRX 6070, R. Austria International 6155, Vatican R. 3975 - the latter three logged at Lake Ellesmere. I have also logged Roumania on 21500 and 17760. Otherwise it has been a quiet month. At work we have begun external exams for Years 11 and 13 (Forms 5 & 7) and as the exam's officer, I have to be present for them all. It is a true joy! Some of our exams have to be sat at the same time as they are in the UK, thus there are exams beginning at 8pm and finishing around 10pm. It is absolutely ridiculous and fortunately this is the last year of it as we are changing exam boards. Still, the end of the school year is not far away and I shall spend many an hour on the bands once free of children and work." (*You say to-mah-to, I say to-may-to: Roumania – that's a rather old Frenchified version... and are Bahasa Malaysia dan Bahasa Indonesia in a snit over Palembang? Dear Readers, we're seeing a sub-editor revolt here! <g> To be positive, congrats on that Mongolian test on 1431. Their 'directional' array towards South Korea must have a wide beam. And Phil van de Pavard in the Far North was successful too, I notice.*)

Ian Wells, Mosgiel tells of successes after going up coast. "After enjoying a very successful weekend at Waianakarua, I can report two confirmations already. I received an emailed confirmation within an hour of reporting Unique Radio, Tamworth, Australia on 3210 kHz. Timothy Gaynor <manager@uniqueradio.info> says current output is only 100 watts so he's surprised the signal made it over here, but he thinks reception will improve when they shift the transmitter to Gunnedah. I also received an emailed confirmation of my report to

Channel Z <channelzradio@gmail.com> on 6925.1 kHz with a promise of a QSL to come. My report consisted largely of the times when it was apparent that music was playing and when male or female announcers were speaking, but those times coincided precisely with his log and that's what counts." *(The details are the proof.)*

Jonathan Wood, Mosgiel doubles up on excursions north. "Hello Theo, two trips since the last DX Times, Shag Point and Waianakarua. The first was with a 32.5mX2 dipole; the trip was notable for getting the car temporarily stuck at the boat ramp just before midnight. The second was to Waianakarua with a new Delta courtesy of Paul. I also inserted jumper leads into the long dipole to make it 10.85mX2 (i.e. 6.925MHz) and took it back to Shag Point. My previous spot had at least three seals very close to guy-line territory, so I used the road-end carpark, and while the wire ran NNE/SSW due to wind, it was great to get Channel Z for a whole hour. *(On this note, I think I worded my last report a bit woollily - the Channel Z reception last time was from Long Beach rather than the convention.)*" *(Or it wuz my editing...)*

Bryan Clark, Mangawhai is now adding extra detail to his loggings. "Another busy month DX-wise, with lots of Latin American activity observed on medium wave, including two further receptions of Bolivia on 1520. I have been learning to utilise the SDR's capability to display transmitter carrier frequencies down to four decimal places. As I said in my spiel at the Moeraki Convention about using SDR's, you not only listen to stations and noise on an SDR, but you can also see the stations and noise on the spectrum display. Most MW frequencies show multiple transmissions even if only one or two are actually audible, and <MWOffsets> Yahoo Discussion Group helps me identify what some of these other 'visible' stations are. For example, as I write this at 0430 UTC on 25 May, on 1200 kHz I can see traces for 1199.992, 1200.002 (some audio), 1200.005 (WOAI), 1200.015, 1200.028 and 1200.031 (possibly Colombian). Report out to Voice of Hope Zambia 9680, and QSLs from IBC 6970, Unique Radio (Halls Creek, NSW) 3210 and KHIL Arizona 1250. Had a surprise visit from former member Tony Ward who was a very active Auckland DXer in the 1950s and 1960s and now living in Toronto, Ontario. We reminisced at length about DXing at Whangaparaoa, and I intend turning this information into a feature for our <radiodx.com> website." *(Flipping heck, I knew that Tony was going to NZ, but thought his visit was a couple of months back. Your mention of offsets brings to mind two Victoria, BC SDR recordings ~1200 UT in mid-May of 1332 and 1584. The obvious connection on a poor morning for reception locally was 4BU and 4CC's translator. But the frequency offset was 1584.025, which apparently is the marker for Coast in Napier/Hastings... so far off, I quipped they should re-brand from Coast to Offshore, to which Nick Hall-Patch suggested that because of your luv-of-rugby, it might better be called Offside.)*

Günter Jacob in Passau, Germany ends up as our wrapper, only because he waits till last, time-wise. "In only ten hours, I received the new QSL letter from Radio City, the Station of the Cars; it depicts a British Ford Anglia from the late 1950s that has been customized with a bright yellow paint inspired by the American Yellow Cab Company, and it confirms reception of 9510 kHz via Kostinbrod, 50 kW. KBS World Radio verified 3955 via Woofferton. CRI-26, the Russia Service, sent QSLs 56-08 (Dòng zú) and 56-11 (Yí zú) for 7410 (Baoji) and 7450 (Baoji)." *(Late 50's Anglia... is that the one with the oblique-angled rear window?)*

I finally invested in a new WRTH, which took five weeks by priority airmail from Belgium, although ordered from the UK. The NZ section sure has grown, but I see the type-setter had trouble with 'Kahungunu'. Time to zap this to the principal before I get summoned to his office for a spelling bee. Till July. *(I couldn't spell it either! - Chief Ed.)*

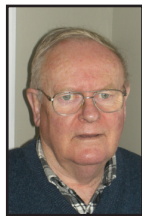
73, Theo

BANDWATCH UNDER 9MHZ

Editor

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Wainuiomata

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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

3210	1918	AUSTRALIA Unique R, Halls Creek, NSW, with back-back EE 1960s/70s pops. Poor sig. We heard a weak carrier both evenings around 08-0900z but no audio, both mornings around 1930z we heard back-back music. Quickly confirmed Ian Wells' e-mail report. PWO 20/5
3210	1926	AUSTRALIA Unique Radio extremely weak with music including Neil Diamond 'Sweet Caroline' no announcements heard. Rapid emailed confirmation within an hour that power is only 100w 21/05/16 IW
3260	0852	PNG R Bougainville, fr w/MA & FA, EE nx on local political issues. Also vgd at 1929 w/childrens choir. PWO 20/5
3375	1026	BRAZIL Radio Municipal, Sao Gabriel da Cachoeira weak but steady in PP with music, numerous IDs 20/05/16 IW
3375.1	0940	BRAZIL R Municipal, Sao Gabriel de Cachoeira, pr sig w/pop mx, improving past 1000z. PWO 20/5
4750	1940	BANGLADESH Bangladesh Betar, Shavar, on late with cyclone warnings. In presume Bengali but EE words liberally sprinkled. Vgd sig hrd past 2130z. PWO 20/5
4750	1943	BANGLADESH Bangladesh Betar extremely strong in Hindi (?) virtually the only signal in the band at the time lds at 1945 and 2000 21/05/16 IW
4765	0338	CUBA R Progreso, gd sigs, MA ballads. Other Cubans on 5025 and 5040 also gd/vgd. PWO 20/5
4765.1	1940	TAJIKISTAN Tajik R, fr-gd sig w/MA vocals, best in LSB PWO 20/5
4785.1	0340	BRAZIL R Dif Acrena, Rio Branco, pr-fr w/pops. PWO 20/5
4800	2020	CHINA V of China, Golmud, fr-gd. PWO 20/5
4820	2025	CHINA Xizang PBS, fr-gd w/up-tempo classics, // 4905, 4920. PWO 20/5
4845	1034	BRAZIL R Cultura, Ondas Tropicais, fr w/serteneja mx. PWO 20/5
4870a	0912	INDONESIA RRI Wamena fair w/Indopops on 4869.91 on 20/5. Presumed RRI Makassar weakly on 4749.948 at this time. BCM
4925.2	1036	BRAZIL R Educacao Rural, Tefe, fr w/FA. PWO 20/5
4925.2	1049	BRAZIL R Educacao Rural, tent., p in PP 30/4 JW
4940	1040	CHINA V of the Strait, Fuzhou, pres the one fr-gd in CC. PWO 20/5
4955	1051	R Cultura Amauta, tent., p in SS or QQ 30/4 JW
4985	??	BRAZIL R Brasil Central, Goiania, MA then PP ballad, pr but clear. PWO 21/5
5011.2	2122	MADAGASKAR RTV Malagasy, pr sig w/children's choir. PWO 20/5
5905	0615	GERMANY Deutscher Wetterdienst (German Weather Service) via Pinneberg 10kw weak in GG w/weather reports 13/5. Best on USB to avoid

UNID carrier on 5904.3. Scheduled 0600-0630. BCM

5910 0420 FRANCE. NHK via ISS. Good in Japanese. 4/5. IC

5930 2000 GERMANY. Radio Dardasha (BVB) VG in Arabic via Nauen. 6/5. IC

5939.9 0251 BRAZIL Voz Misionaria, pr-fr w/MA relig. Also gd at 1043z along with Marumby 6080. PWO 20/5

5940 0509 BRAZIL, Voz Missionaria. Poor/Fair in PP relg, ID 0545 - KB 01/5

5950 2002 STH KOREA, KBS good in French – BDW 23/4

5952.4 1055 BOLIVIA Emisora Pio XII, tent., f in SS or QQ 30/4 JW

5955 1438 CHINA, CRI good in English – BDW 28/4

5960 2000 TURKEY. VOT. Fair in Turkish. co-channel CRI. 7/5. IC

5964.9 0654 BRAZIL Radio Transmundial, Santa Maria, pr-fr w/mx, hy QRM. PWO 20/5

5965 1630 KUWAIT, Radio Farda with pop songs English ID..good.21-5-16.BC

6005 0657 ASCENSION IS BBC English Bay, vgd w/next hour preview. PWO 20/5

6025 0255 BOLIVIA Radio Patria Nueva, La Paz, pr-fr in splatter, lively mx, canned id & freqs, best in LSB to avoid Marti. PWO 20/5

6030 0510 USA, Rad.Marti, gd in SS, 29/4, PP

6040.2 0327 BRAZIL RB2 Curitiba fr w/songs. Other Brazilians at this time 6060 Sper R, 6135 Aparecida, 6080 Marumby PWO 20/5

6050 0834 ECUADOR HCJB Quito, tent., trad. music, p-f in SS 21/5 JW

6050 0825 ECUADOR, HCJB. Poor in vern & Andean mx - KB 16/5

6055 0857 JAPAN, R.Nikkei. Fair in JJ & class mx on H.S.1 // 9595 poor - KB 01/5

6060 0650 CUBA, Radio Habana with old jazz .Eng id 0700.fair.ssb.14-5-16.- BC

6060 1605 CHINA, CRI good in English – BDW 29/4

6060 2007 SWEDEN Radio Revival in EE on LSB at good level with numerous IDs and mention of legal issues 22/05/16 IW

6070 0358 CANADA CFRX Toronto gd w/tlk on genetics. Very good at 0652. PWO 20/5

6090 0400 ETHIOPIA V of Amahoro State, dominant o/Carib Beacon w/HOA mx. PWO 20/5

6090 2012 ETHIOPIA Amhara State Radio at fair strength with local languages, Id at 2030 21/05/16 IW

6135 0430 ASCENSION ISL, BBC. Fair in French, I/S TS comment - KB 01/5

6145 1800 UAE, BBC. Fair in Somali // 7265 weaker - KB 29/4

6160 0815 CANADA, CBC R.One, Nfld. Weak/Poor (+ QRN) in 6am Sunday opening; yl song, 0824 choir w/ anthem, 0828 FA ID/sked, 0830 nx - KB 15/5

6165 0440 LITHUANIA. NHK via SIT. Poor in Russian. 4/5. IC

6165 1837 OMAN, BBC. Fair in Persian // 7425 same - KB 29/4 KB

6170 1957 ROMANIA, RRI excellent in French – BDW 23/4

6180 0503 BRAZIL Radio Nacional da Amazonia, reactivated here, very good in PP w/ soft vocals 8/5. Parallel 11780.01 at poor level. BCM

6205 0644 IRELAND? Energy FM, Canary Is.poor in EE? 30/4 JW

6855 1055 USA, Rad.Miami Int, WRMI, religious, fair in EE, 6/5, PP

6925 0501 USA Channel Z, p in EE, end tx at 0602. 21/5 JW

6925.1 0512 USA PIRATE Channel Z, somewhere on the East Coast. Tks to tip from Jon Wood. ID, e- mail addr, Deep Purple, Gary Glitter, Sweet etc, hrd past 0520z. PWO 21/5

6925.1 0515 USA (East coast?) Channel Z pirate carrier and music faintly heard. I was able to distinguish male and female announcers and describe the music fairly well 21/05/16 IW

7205 0332 SUDAN Radio Sudan, Omdurman, pres the one hr pr-fr AA tlk. PWO 20/5

7215 2058 STH KOREA, KBS World Service Radio fair in CC with comment – KAB 8/5

7215 2120 ALBANIA, CRI, fair in AA, 14/5, PP
7220 1146 NTH KOREA, VoK good in CC with talk // 9445 a little scratchy – CC 10/5
7260 0450 VANUATU, R Vanuatu, gd in EE, rpt on floods in Papua/N.Guinea,13/5, PP
7260 0710 VANUATU, R Vanuatu. Fair in English. 22/4. IC
7260 0814 VANUATU, R Vanuatu,fair in Tok Pisin, yl+guy talking, ads.27-5-16.- BC
7260 2135 VANUATU, R Vanuatu, f.gd in EE/Bislama, , 5/5, PP
7275 0350 STH KOREA, KBSWR good in KK with talk //9570 wkr and noisier – CC 16/4
7275 0835 N.KOREA, KBS, World Radio, gd in JJ, 17/5, PP
7275 0850 SOUTH KOREA. KBS World. Good in Japanese. Korean at 0900. 23/4. IC
7275 1041 STH KOREA, KBS WR gd in KK with discussion // 9570 less clear – CC 7/5
7285 0502 SOUTH AFRICA Sonde Grense Afrikaans Service good 8/5 with news. Sked from 0500, variable signal from day to day. BCM
7290 1830 ROMANIA, European Gospel Radio with English address fair.2-5-16 -BC
7295 0500 FRANCE, Rad.Algerienne, gd in AA, 13/5, PP
7325a 0815 PAPUA NEW GUINEA Wantok Radio Light relaying NBC National Service weather in EE on 7324.947m 14/5, fair. Irregular at present. BCM
7325 2040 VATICAN. VOA via SMG. Good in Hausa. 27/4. IC
7330 0440 ROMANIA. RRI. VG in Romanian. 30/4. IC
7335 2004 CHINA, CRI fair in Mandarin with comment – KAB 12/5
7365 1442 PHILIPPINES, VOA fair in CC with talk, distorted //11785 same – CC 13/4
7415 1958 CHINA, CRI fair in Chinese with comment – KAB 12/5
7455 1523 N MARIANAS IS, RFA good in Korean with talk // 5830 the same – CC 13/4
7470 1328 THAILAND, VOA with talk and choir singing fair in Chinese, scratchy // 11785 very scratchy – CC 17/4
7495 2102 TINIAN IS Radio Free Asia fair in CC with Band mx and singing – KAB 8/5
7515 0708 USA, WEWN fair with relig prgm in Spanish – KAB 27/4
7550 2013 INDIA, AIR Delhi good in English with comment – KAB 17/5
7570 0530 USA, Overcomer radio, gd in EE, religious, //7730,7780 13/5, PP
7730 0704 USA, WRMI poor in English with relig prgm – KAB 27/4

OVERSEAS LOGGINGS

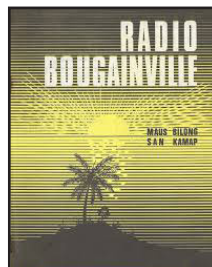
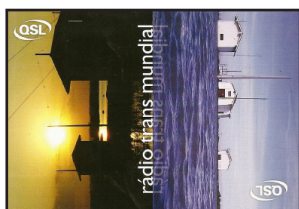
All may not be audible in NZ at the times listed

FREQ	UTC	Country, Station, Programme & Reception Details
5910	0440	FRANCE NHK team speaking in JJ. Musical fanfare prior to news at 0455. NHK ID and announcements at 0458 with three pips before the carrier was terminated. Good signal. (D'Angelo-PA)21/5
6050	0403	ECUADOR HCJB – Quito, English Jazz prgm a weekly program. German language program featuring ID commencing at 0430. Fair to good. (D'Angelo-PA)21/5
6070	2155	CANADA CFRX – Toronto several “News talk 10-10” IDs, ads and news update at 2200. Good signal with periodic deep fades. (D'Angelo-PA)24/4
6134.8	0034	BOLIVIA Radio Santa Cruz mix of Latin tunes with a man announcer and Spanish talk, IDs and announcements, formal ID at Fair. (D'Angelo-PA)19/4
6155	0501	AUSTRIA Radio Ö1 – Moosbrunn with German language talk soon joined by a female. Program of talk features. Poor to fair. (D'Angelo-PA)21/5
6180	0331	BRAZIL Radio Nacional Amazonas – Brasilia, in Portuguese with talk, announcements and several nice IDs hosting program of Brazilian popular music vocals. Fair to good. (D'Angelo-PA)9/4

Contributors (With my thanks).

BC	Brian Carr	Christchurch	IC-R70, Kenwood R-5000, Datong FL2, EWE antenna, 100ft, long wire.
BCM	Bryan Clark	Mangawhai	WinRadio G33DDC and AOR7030+ receivers, EWEs to North, Central & South America.
BDW	Brian Webb	Upper Hutt	AR1733 & whip, DE1103 with whip
CC	Cliff Couch	Sevenoaks, Paraparaumu	ATS 803A, 30m wire attached to fascia board.
(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 window, Datong FL3, JPS ANC.
IC	Ian Cattermole	Blenheim	JRC NRD535, ICOM IC-746PRO, Antenna: T2FD, EWE
IW	Ian Wells	Waianakarua	Icom R-71E with a EWE to the north east
JW	Jon Wood	Shag Point	Lowe HF-150 on 65m (total length) dipole except Channel Z which was on a shorted out dipole at 21.7m (total length). 2 x PL 660s, whips linked at tips.
KB	Kelvin Brayshaw	Levin	R5000, 45m wire
KAB	Ken Baird	Wainuiomata	R-71E, AOR 7030+, Winradio G31 DDC, Flag antennae N/NE, NE, 200M longwire up in the trees.
PP	Philip van der Paverd	Coopers Beach	
PWO	Paul Ormandy	Waianakarua with Ian Wells, Phil Garden and Jon Wood.	Boy, the SW bands are deserted!

Contributions to this column may be sent to PO Box 178, Mangawhai, 0504, or K A Baird, 6 Willis Grove, Wainuiomata, Lower Hutt, 5014. Ph: +64 4 564 2579, e-mail to ka.baird@xtra.co.nz



BANDWATCH OVER 9MHZ

Editor

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If unsure of station ID kindly mark item as 'tentative'. Please avoid duplication of your items in consecutive months.

kHz	UTC	Country, Station, Programme, & Reception details
9515	0300	TURKEY. VOT. VG in English. 6/5. IC
9515	0330	TURKEY, VoT (EMR). In English, 'The question of the mind'. Gd - 04/5 BC
9515	2307	BRAZIL Radio Marumby weak in PP with music, 21/5 IW
9535	0530	FRANCE, R.Algerienne. Poor/fair in Arabic; om chanting; very scratchy // 7275 the same - 11/5 CC
9545	0212	SOLOMON IS Radio Solomons, Honiara, back-back mx till 0222, then string of ads, ids and promo for "news every hour". 21/5 PWO
9545	0704	SOLOMON ISLS, SIBC. EE nx, govt backhands higher education. Good - 01/5 BC
9565	2305	BRAZIL Super R Deus e Amor, Curitiba, MA relig, pr. 20/5 PWO
9575	0128	MOROCCO Medi Un with French prgrm & Pink Floyd song 21/5 IW
9575	0530	MOROCCO, R.Medi 1 (NAD). In FF, yl & om. Fair - 12/5 BC
9620	0411	ROMANIA, RRI. Good in Romanian; om & yl spkg // 7330 weaker - 15/5 CC
9620	2100	TURKEY. VOT. Good in English. 5/5. IC
9645	1940	JAPAN, R.Japan, NHK World network. World news in EE. Good - 07/5 BC
9645.3	2307	BRAZIL R Bandeirantes, Sao Paulo, pr-fr MA. 20/5 PWO
9665	0125	BRAZIL R Voz Missionaria, Camboriu, pr w/PP gospel mx. 21/5 PWO
9665	2325	BRAZIL Radio Bandeirantes weak and fading in PP 21/05 IW
9680	0452	ZAMBIA Voice of Hope Lusaka new station here, opening w/EE idents 0500 and Christian programming 23/5. Sked weekdays only 0500-0800, initially good strength but fades rapidly after 0515. First noted 20/5. BCM
9725	2332	BRAZIL Radio Aparecida weak but good copy in PP with mx prgrm. Weakening dramatically by midday NZT 21/5 IW
9725	2346	BRAZIL RB2 Curitiba, pr, relaying R Aparecida. 20/5 PWO
9730	0200	ROMANIA R Romania Int, vgd at s/on in SS. 21/5 PWO
9730	0350	ROMANIA. RRI. Fair in English. 9/5. IC
9740	1020	THAILAND, BBC. Gd in EE; 2 om & yl spkg; ID 1030; sig surging - 07/5 CC
9745	0303	BAHRAIN Radio Bahrain, Abu Hayan, pres the one w/modern AA mx. 21/5 PWO
9819	2310	BRAZIL R Nove de Julho, Sao Paulo, pr-fr MA & FA. Best in LSB. 20/5 PWO
9835	2056	MALAYSIA RTM Sarawak, tent., "Salaam", "de Kuala Lumpur" hrd.f in MM? 21/5 JW
9860	0240	MADAGASCAR. BBC via Talata. Fair in Fasi. 1/5. IC
9910	2100	INDIA. AIR. Poor in English. 6/5. IC
9930	0930	PALAU, WHRI T8WH (Koror). Songs, PTL. Good in English - 15/5 BC
9965	0340	EGYPT. Radio Cairo. Poor in AA. No ID hrd but this is the one here. 9/5. IC
11615	2000	TURKEY. VOT. Fair in French. Off 2025. 13/5. IC
11620	2100	INDIA AIR wirh news, f in EE 22/5 JW
11620	2119	INDIA, AIR good with report in English on vehicle fuels - KAB 28/4
11670	0300	CUBA, R Havana fair in Spanish with music after s/on IDs - KAB 6/5
11790	0500	ROMANIA. RRI. Good in French. //15340. 29/4. IC

11800 0000 ROMANIA. RRI. Fair in English.. 30/4. IC
 11800 0237 ROMANIA, RRI fair in Spanish ID & IS 0256 then off – KAB 6/5
 11825 0309 ROMANIA, RRI (TIG). Nx, tax. Good in English - 17/5 BC
 11850 2322 SINGAPORE, BBC fair in English with political discussion – KAB 6/5
 11860 2125 CHINA, CRI fair with Chinese music – KAB 1/5
 11925 2119 CHINA, CNR1 fair in Chinese with singing & comment – KAB 1/5
 11970 0500 JAPAN. NHK. Good in English. 22/4. IC
 12015 2108 NTH KOREA, V of Korea good in German with singing – KAB 1/5
 12025 0045 IRAN, IRIB fair in Spanish with comment – KAB 29/4
 13640 1825 INDIA, AIR (BGL). Fair/poor, yl ethnic song - 29/4 KB
 13680 2100 JAPAN. NHK. VG in Japanese. 24/4. IC
 13710 0428 IRAN, VOIRI. Good in TT; yl spkg; // 11925 weaker & less clear - 15/5 CC
 13795 0034 INDIA, AIR poor in Tamil with comment & music – KAB 29/4
 13810 1700 BULGARIA, BVB. Fair in Arabic via KOST 28/4. IC
 15090 0401 KUWAIT, R.Azadi (tentative). Good in listed Pashto - 30/4 KB
 15105 1952 ASCENSION ISL, BBC. Fair in Hausa // 17885 Poor/Fair - 29/4 KB
 15150 0426 KUWAIT, VOA. Good in Tibetan. ID 0427 - 30/4 KB
 15250 0507 FRANCE, DW. Fair in English nx/comment - 30/4 KB
 15250 0520 FRANCE. RDW via ISS. Good in English. 22/4. IC
 15345 2118 ARGENTINA, R.Nacional. Fair in SS, football commentary - 14/5 KB
 15345 2130 ARGENTINA. RNA. Good in German. 27/4. IC
 15365 2345 GUAM. KSDA. Poor in Lao. 23/4. IC
 15400 1943 ASCENSION ISL, BBC. Poor in English - 14/5 KB
 15420 0432 UAE, BBC. Good in English - 30/4 KB
 15490 0359 UAE, BBC. Fair in Somali - 15/5 KB.
 15500 2145 SPAIN. REE. Good in Spanish. 27/4. IC
 15500 2348 CHINA, CNR2 China Business Radio fair in Mandarin with ID – KAB 28/4
 15630 0100 SRI LANKA. AWR via TRM. Weak in Mandarin. 25/4. IC
 17715 2045 SPAIN. REE. Good in Spanish.//17855. 15/5. IC
 17820 0230 PHILIPPINES. R.Pilipinas (PHT). Nx, ID. Fair in English - 17/5 BC

Phil's Far-North Marathon

9475 0007 USA, WTWW, fair in EE, 16/5, PP
 9535 0500 FRANCE, Rad.Algerienne, v/gd in FF, 29/4, PP
 9545 0005 SOLOMON ISL, fair in EE, 16/5, PP
 9550 0435 GERMANY, Media Broadcast, “transmitting to Europe and the world”, gd in EE, 29/4, PP
 9565 0440 BRAZIL, Super Radio Deus e Amor, fair/gd in PP, 29/4, PP
 9565 2358 USA, Radio Marti, poor in SS, 16/5, PP
 9600 0418 FRANCE, Rad Tamazuj, gd in Sudanese, 29/4, PP
 9625 1000 AUSTRALIA, Reach beyond Austr.ID at 1000 in EE, then into Indo.,gd, PP
 9635.84 2220 VIETNAM, V of Vietnam, gd in Vietnamese, 5/5, PP
 9645 0410 VATICAN CITY, Vatican Radio, gd in AA, 29/4, PP
 9690 2354 INDIA, AIR, fair in EE, 16/5, PP
 9710 0340 CUBA, Radio Habana, poor in SS, 29/4, PP
 9730 0000 ROMANIA, RRI opening in EE with NX, fair, 14/5,PP
 9735 2210 TAIWAN, Rad.Taiwan Int, f/gd in JJ, 5/5, PP
 9740 2350 SINGAPORE, BBC, gd in EE, 16/5, PP
 9760 0725 JAPAN, Rad.Nikkei, gd in JJ, 7/5, PP
 9760 2348 ROMANIA, RRI, f/gd in SS, 16/5, PP
 9770 0132 TURKEY, VoT, gd in SS, //9870, 16/5, PP
 9835 2300 MALAYSIA, RTV Malaysia, gd in Malay, 16/5, PP
 9870 2145 S.ARABIA, BSKSA, fair in AA, 5/5, PP

9910 2058 INDIA, AIR, fair/gd in EE, ID at 2100, followed by Indian NX, 16/5, PP
 11520 0548 USA, WEWN, fair in EE, 8/5, PP
 11580 0540 USA, The overcomer ministry, religious, in EE, 8/5, PP`
 11580 2110 USA, WRMI, Rad.Miami Int, religious, 14/5, PP
 11620 0140 INDIA, AIR, gd in Urdu, 4/5. PP
 11625 0635 MADAGASCAR, Vatican Radio, gd in PP, 8/5, PP
 11635 2108 N.KOREA, VoK, f/gd in KK, 14/5, PP
 11640 0135 UAE, Dubai, Rad.Free Asia, fair in Uyghur, 4/5, PP
 11660 2105 CHINA, CRI, f/gd in FF, 14/5, PP
 11695 2100 IRAN, VOIRI, fair in JJ, 14/5, PP
 11700 0130 SRI LANKA, VOA, gd in Pashto, 4/5, PP
 11725 2055 N EW ZEALAND, RNZI, gd in EE, off the air abruptly at 2056, 14/5, PP
 11730 0116 VATICAN CITY, Vatican Radio, gd in Tamil till 0120, then in Malayalam till
 0140, then in EE till 0200, 4/5,PP
 11740 0110 INDIA, AIR, Gd in Hindi, 4/5, PP
 11760 2115 CUBA, Rad.Habana, gd in SS, 4/5, PP
 11790 2052 FRANCE, AWR, gd in Yoruba, 14/5, PP
 11790 2122 GUAM, KSDA-AWR , Gd in Korean, 4/5, PP
 11800 2050 IRAN, VOIRI, f/gd in SS, 14/5, PP
 11825 0300 ROMANIA, Rad.Romania, opening in EE with Nx, v/gd, 6/5, PP
 11840 0215 CUBA Rad.Habana, gd in SS, 9/5, PP
 11850 2045 ROMANIA, Rad.Romania Int., gd in EE, 14/5, PP
 11860 0250 S.ARABIA, Yemen Radio, gd in AA, 6/5, PP
 11865 2150 N.KOREA. VoK, v/gd in JJ, 8/5, PP
 11880 2340 CUBA, Rad.Habana, gd in EE, 9/5, PP
 11900 2100 SAO TOME, VOA, gd in FF, 4/5, PP
 11910 2055 N.KOREA, KCBS, gd in KK, 4/5, PP
 11925 0240 ARMENIA, BBC, gd in Dari, 6/5, PP
 11930 2047 S.ARABIA, BSKSA, lamenting in AA, gd, // 11915, same,4/5, PP
 11940 2035 CHINA, CRI, v/gd in Bulgarian, 14/5, PP
 11945 0235 ROMANIA, Rad.Romania, v/gd in SS, 6/5, PP
 11945 2145 N.MARIANA ISL, RFA, gd in Korean, 8/5, PP
 11955 2327 CHINA, CRI, v/gd in EE, 9/5, PP
 11960 2305 CHINA, CRI, with world NX, gd in EE, 11/5, PP
 11965 2025 JAPAN, Rad.Japan, v/gd in JJ, 4/5, PP
 11995 2020 FRANCE, RFI, exc.in FF, 4/5, PP
 12015 2005 IRAN, VOIRI, poor in EE, heavy interference from N.Korea, 14/5, PP
 12015 2005 N.KOREA, VoK, v/gd in German, 16/5, PP
 12015 2050 N.KOREA, VoK, v/gd in KK, 9/5, PP
 12035 0235 KUWAIT, VOA, gd in Pashto, 5/5, PP
 12035 2245 KUWAIT, Rad.Free Asia, gd in Tibetan, 7/5, PP
 12040 2100 GUAM, AWR, opening with ID in EE, continue in CC, v/gd, 8/5, PP
 12050 2305 USA, WEWN, Fair in SS, 9/5, PP
 12055 2025 AUSTRIA, AWR, gd in Dyula, closing down at 2030 with ID "Radio Mondale
 Adventist", 14/5, PP
 12060 2005 FRANCE, Rad.Algerienne, exc. In FF, into AA at 2011, 4/5, PP
 12065 2010 AUSTRALIA, Rad.Austr. v/gd in EE, //12085, 14/5, PP
 12070 2310 PHILIPPINES, FEBC, gd in CC, 9/5, PP
 12085 2315 CHINA, CRI, f/gd in Mongolian, 9/5, PP
 12095 2015 Ascension Isl, BBC, poor in EE, 14/5, PP
 12095 2320 PHILIPPINES, FEBC, f/gd in Hmong, 9/5, PP
 12105 2325 USA, WTWW (world wide bible), f/gd in Yoruba, 9/5, PP
 12130 0430 KUWAIT, R.Mashaal, gd in Pashto, 30/4, PP
 13585 2020 UAE, Dubai, KBS world Radio, gd in AA, 16/5, PP

13640 2025 INDIA, AIR, fair/gd in FF, 16/5, PP
13650 2030 ROMANIA, RRI, Opening with ID followed by NX, exc in EE, 16/5, PP
13760 2043 N.KOREA, VoK, gd in FF, 16/5, PP
13765 2053 VATICAN CITY, Vatican Radio. v/gd in FF, 16/5, PP
13795 0012 INDIA, AIR, gd in Tamil, 14/5, PP
15090 0320 KUWAIT, Radio Azadi, gd in Pashto, 4/5, PP
15105 0340 N.KOREA, VoK, gd in CC, 4/5, PP
15170 2105 ROMANIA, Rad.Romania, gd in SS, // 17745, 5/5, PP
15240 2107 AUSTRALIA, Rad.Austr, exc in EE with nx, // 15415, 5/5, PP
15245 2050 N.KOREA, VoK, gd in FF, best on LSB to avoid Austr. on 15240, 5/5, PP
15265 0050 PHILIPPINES, Rad.Veritas, Asia,v/gd in Bangla, 16/5, PP
15385 0054 PHILIPPINES, VOA, fair in CC, heavily jammed by the Firedrake, 16/5, PP
15390 2115 SPAIN, REE, exc in SS, // 15500,17715, 5/5, PP
15435 0058 PHILIPPINES, FEBC, fair, language multiple, 16/5, PP
15470 0235 PHILIPPINES, Vatican Radio, gd in Tamil, close at 0300, continue gd in EE, until 0320, 13/5, PP
15590 0107 THAILAND, Rad.Thailand, poor in Thai, 16/5, PP
15630 0111 SRI LANKA, AWR, poor in CC, 16/5, PP
15700 0114 N.MARIANAS, R.Free Asia, fair in Burmese, 16/5, PP
17520 0325 N.MARIANAS, RFE, poor in CC with heavy QRM from the Firedrake, 6/5, PP
17640 0330 CHINA,CRI, v/gd in Russian, // 17710, 6/5, PP
17715 2125 SPAIN, REE, gd in SS, // 17855, 14/5, PP
17730 0204 MONGOLIA, Rad.Free Asia, gd in Tibetan, 4/5, PP
17735 0345 PHILIPPINES, VOA, gd in Tibetan with heavy interference from CRI, 6/5, PP
17745 2127 ROMANIA, RRI, gd in SS, 14/5, PP
17770 0405 PHILIPPINES, RFE/RL, gd in Russian, 6/5, PP
17780 0207 PHILIPPINES, VOA, gd in Burmese with some English translations, 4/5, PP
21505 0455 N.MARIANA ISL, RFA, f/gd in Mandarin, Interference from the Firedrake, close at 0500, continues at 0500 on 21690, poor in CC, No interference!, 30/4, PP
21600 0500 PHILIPPINES, VOA, gd in Tibetan, 30/4, PP

Overseas Contributions (Edited)

9410 0115 OMAN, BBWS Fair signal but a bit noisy in EE. 23/5 SMF
9480 0409 MADAGASCAR African Pathways Radio – Mahajanga, 0409-0437, English prgrm with talk on building a healthy marriage, IDs, choir vocals & “Immersed in Life” segment. Henry Huffard ID-ed himself; contact info. Fair to good - 19/5 RDA
9705 0020 INDIA, AIR GOS Fair to good in EE 23/05 //11645 Fair SMF
9955 0330 USA Radio Hobart International via Okeechobee, 0330-0400, Show #27 multiple IDs & contact info, comedy routines, DX tips & mx Vg sig- 22/5 RDA
11600 2043 CLANDESTINE Denge Kurdistan (presumed) via Sofia, 2043-2100*, FA in Kurdish; 2053 long Kurdish vocals . Off at top of the hour. Pr to fr - 09/5 RDA
11660 2134 CHINA China Radio International – Kashi, 2134-2217, French program, MA, ancmnts & ID apparently hosting mx prgrm. Fair - 13/5 RDA
11730 0406 CLANDESTINE (South Sudan) Eye Radio – Issoudun (?), 0406-0440 fade out, MA, nx in Arabic. Decent signal. 0415 ID & nx in EE; fading & almost gone by tune out - 07/5 RDA
11730 0142 VATICAN CS, Vatican R fair in EE. Not as good as 15470. 23/5/ SMF
11875 1954 ENGLAND IBRA Radio Ibrahim – Woofferton, 1954-2000*, male relig-sounding vocal, then FA, w/prgrm closing 1957 in listed Bambara. Group singing until sw/off Poor to fair - 22/5 RDA
12060 2007 FRANCE RTV Algérienne – Issoudun, 2007-2039, FA, nx in French. back into Arabic prgrm around 2015 with MA before recitation. Fair - 08/5 RDA

- 12095 0115 THAILAND, BBC WS Good clear sing on BBCWS EE programme. //15310 fair signal but suffered from open carrier on freq. 23/5 SMF
- 15140 2113 OMAN Radio Sultanate of Oman – Thumrayt, 2113-2207, FA in Arabic; MA 2020 w/ mx prgrm. ID 2200 & MA w/ presumed nx. Listed closing 2200 but continued tonight. Fair to good - 09/5 RDA.
- 15330 1026 TINIAN IS, RFA Fair in Tibetan. No QRM from China but some noise. 1/5 SMF
- 15465 1920 CLANDESTINE (Gambia) Radio Free Gambia – Issoudun, 1920-1956* long, long talk in local languages w/ freq mentions of ‘Gambia’ by MA. Poss English around 1925; no closing anncmnts prior to carrier off. Fair - 13/5 RDA
- 15470 0142 PHILIPPINES, Vatican R - good in EE. 23/05
- 15590 0003 15590 THAILAND Radio Thailand – Udorn, 0003-0022, usual English nx by MA & FA. Plenty of IDs, ads, public service axmnts, etc. Poor to fair with deep fades - 09/5 RDA

Contributors

BC	Brian Carr	Christchurch	ICR-70, R-5000, EWE antenna, 100ft Longwire.
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
IW	Ian Wells	Waianakarua	R-71E, EWE to the north east
JW	Jonathan Wood	Waianakarual	Lowe HF-150, 24m Delta Loop & a PWO Antenna
KAB	Ken Baird	Wainuiomata	R-5000. 25m wire
KB	Kelvin Brayshaw	Levin	2 X PL-660s, Whips linked at tips.
PP	Phil van de Pavverd	Coopers Beach	R-71E, AOR 7030+, Winradio GR31 DDC, Flag antennae N/NE, NE, 200 M longwire up in the trees.
PWO	Paul Ormandy	Waianakarua	TS-2000, 425m Beverage aimed at SAM. 15m Vertical GP.
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	AOR 7030+, 3m EWE

Your input much appreciated, thank you.

73

Kelvin



ENGLISH IN TIME ORDER

Editor

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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
0000	11800f	RRI	ROMANIA	30/4	IC
0000	9730f	RRI	ROMANIA	14/5	PP
0007	9475f	WTWW	USA	16/5	PP
0200	11730g	Vatican Radio	VATICAN CITY	4/5	PP
0230	17820f	Radio Pilipinas	PHILIPPINES	17/5	BC
0300	11825g	Radio Romania Int	ROMANIA	6/5	PP
0300	9515g	VOT	TURKEY	6/5	IC
0300-0320	15470g	Vatican Radio	VATICAN CITY	13/5	PP
0309	11825g	RRI	ROMANIA	17/5	BC
0330	9515g	V of Turkey	TURKEY	4/5	BC
0350	9730f	RRI	ROMANIA	9/5	IC
0432	15420g	BBC	UK	30/4	KB
0435	9550g	Media Broadcast	GERMANY?	29/4	PP
0450	7260g	Radio Vanuatu	VANUATU	13/5	PP
0500	11970g	NHK	JAPAN	22/4	IC
0501-0602	6925p	Channel Z	USA?	21/5	JW
0507	15250f	DW	GERMANY	30/4	KB
0520	15250g	RDW	GERMANY	22/4	IC
0530	7570g:7730:7780	Overcomer Radio	USA?	13/5	PP
0540	11580	The Overcomer Ministry	USA?	8/5	PP
0548	11520f	WEWN	USA	8/5	PP
0704	7730p	WRMI	USA	27/4	KAB
0704	9545g	SIBC	SOLOMON IS	1/5	BC
0710	7260f	Radio Vanuatu	VANUATU	22/4	IC
0815	7325f	Wantok Radio Light	PNG	14/5	BCM
0852	3260f	R Bougainville	PNG?	20/5	PWO
0930	9930g	WHRI	USA	15/5	BC
1020-1030	9740g	BBC	UK	7/5	CC
1055	6855f	WRMI	USA	6/5	PP
1438	5955g	CRI	CHINA	28/4	BDW
1605	6060g	CRI	CHINA	29/4	BDW

1940	9645g	Radio Japan	JAPAN	7/5	BC
1943	15400p	BBC	UK	14/5	KB
2005	12015p	VOIRI	IRAN	14/5	PP
2010	12065g:12085	Radio Australia	AUSTRALIA	14/5	PP
2013	7550g	AIR	INDIA	17/5	KAB
2015	12095p	BBC	UK	14/5	PP
2030	13650e	RRI	ROMANIA	16/5	PP
2045	11850g	Radio Romania Int	ROMANIA	14/5	PP
2055-2056	11725g	RNZI	NZ	14/5	PP
2058-2100	9910g	AIR	INDIA	16/5	PP
2100	9620g	VOT	TURKEY	5/5	IC
2100	9910p	AIR	INDIA	6/5	IC
2100	11620f	AIR	INDIA	22/5	JW
2100	12040g	AWR	GUAM	8/5	PP
2107	15240e:15415	Radio Australia	AUSTRALIA	5/5	PP
2119	11620g	AIR	INDIA	28/4	KAB
2305	11960g	CRI	CHINA	11/5	PP
2322	11850f	BBC	UK	6/5	KAB
2327	11955g	CRI	CHINA	9/5	PP
2340	11880g	Radio Habana	CUBA	9/5	PP
2350	9740g	BBC	UK	16/5	PP
2354	9690f	AIR	INDIA	16/5	PP

confirming your listener report
 JTC - 7325 kHz on the 41 - meter band.



303.9 MHz, 155.9 MHz & 7325 kHz VHF
 "Preserving the Name of Jesus Christ over the airwaves."

Wanted Radio Light P.O. Box 3273,
 Fort Monmouth, N.J. 07731
 www.wantedradio.org



How can people have faith in the Lord and ask him to save them, if they have never heard about him? And how can they hear, unless someone tells them?
 Romans 10:14 CEV

"To God be the Glory"

WORLD SERVICE
 IN THE NAME OF GOD
 Verification of Reception Report
 NO. 1

Dear *Sau Farzadi* **Q.S.L**

This is to officially confirm your reception of the Voice of the Islamic Republic of Iran

Date	UTC		SW		SW	
	From	To	M.	Freq.	M.	Freq.
<i>Feb 24 2016</i>	<i>1637</i>			<i>17.350</i>		

Thank you for listening to the *IRB 3:30pm* program of the Voice of the Islamic Republic of Iran
 Tune in again & keep in touch.

Islamic Republic of Iran Broadcasting
 Adf. Val-e-Ar Ave., Jam-e Jam St, P.O. Box: 19395-6767 Tehran - Iran



SHORTWAVE REPORT

Editor

Ian Cattermole
Blenheim

email
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U.K.(non) Eye Radio (former EDC Sudan Radio Service) plans to start on shortwave from April 26 according to the following schedule via BaBcoCk:

0400-0500 on 11730 DHA 250 kW / 240 deg to EaAf vary (tx according A-12)
1600-1700 on 17730 WOF 250 kW / 135 deg to EaAf vary (tx according A-12)

New clandestine broadcast via BaBcoCk from April 21 is Sedaye Bahar
1730-1800 on 7495 KCH 500 kW / 116 deg to WeAs Farsi Thu/Fri (Voice of Spring)

Radio Biafra was back on shortwave at new time from April 21
1800-2100 on 11700 SCB 100 kW / 195 deg to WeAf English, instead of B15 11600 SCB
100 kW / 195 deg to WeAf English from 2000 UTC to 2300 UTC

MADAGASCAR/SRI LANKA Upcoming changes of Adventist World Radio
1300-1400 17605 MDC 250 kW 065 deg to SoEaAS Vietnamese, new time
1400-1500 17670 TRM 125 kW 075 deg to SoEaAS Vietnamese, cancelled
2200-2300 15625 TRM 125 kW 075 deg to SoEaAS Vietnamese, additional

A-16 SCHEDULES FOR BBC WORLD SERVICE IN ENGLISH

BBCWS English to East and Southern Africa

0400-0500 7360-me 15420-dh
0500-0600 3255-me 6190-me 7445-as 11945-me 15420-dh
0600-0800 6190-me 9410-me 13580-md 15420-dh
1500-1600 12095-md 15420-me
1600-1700 3255-me 6190-me 7445-md 12095-me 17640-as
1700-2000 3255-me 6190-me 7445-md 9410-dh

BBCWS English to West Africa

0500-0600 5875-as 6005-as
0600-0700 6005-as 7445-as 12095-me 15105-wo
0700-0800 11770-as 12095-as 13660-as 17830-me
1600-1700 17830-as
1700-1800 15400-as 17780-as 17830-as
1800-2000 11810-as 13660-wo 15400-as
2000-2100 9915-wo 11810-as 12095-as
2100-2200 9915-as 11810-as 12095-as (Mon-Fri)

BBCWS English to East & South East Asia

1000-1100 6195-kr 9740-th/kr 15285-kr 17760-th 21660-th
1100-1200 6195-ke 9740-th/kr 15285-kr 17760-th
1200-1300 5875-th 6195-kr 9740-kr 11750-th

1300-1400 5875-th 6195-kr 9740-kr
2200-2300 3915-kr 5840-th 5890-th 5905-th 6195-kr 9740-kr 9890-om
2300-0000 5840-th 6195-kr 9740-kr 9890-th 11850-kr 12010-th

BBCWS English to South Asia

0000-0100 5970-om 9410-th 12095-th
0100-0200 9410-om 12095-th 15310-th
0200-0300 12095-om 15310-th
0800-0900 17790-th-drm
1300-1400 1413-om 6195-kr 11835-th 15310-om
1400-1500 1413-om## 11890-kr 15310-om 5845-th-drm#
1500-1700 7465-ta 11890-kr 5845-th-drm
1700-1800 1413-om 5845-th-drm

BBCWS English to Middle East

0130-0230 1413-om
0300-0400 9440-om 12095-om
0400-0500 1413-om 12095-om 13660-om
1500-1600 9410-om 11675-om
1600-1700 7375-om 9410-om
1700-1900 6195-om 7375-om
1900-2100 1413-om (BBC WS A-16 frequency charts; Dave Kenny-UK,)

PALAU Additional frequencies of WHRI registered in HFCC Database, April 26
1200-1300 on 9950 HBN 100 kW / 270 deg to SEAs English Sunday T8WH Angel 4
1200-1300 on 9965 HBN 100 kW / 345 deg to NEAs Chin/Eng Daily T8WH Angel 5

CLANDESTINE Updated A16 schedule of clandestine & other target broadcasts:
Videos of some of these broadcasts are here <youtube.com/user/SWLDXBulgaria>
Radio Republica

0000-0200 on 9490 ISS 150 kW / 285 deg to Cuba Spanish

Radio Payem e-Doost

0230-0315 on 7460 KCH 500 kW / 116 deg to WeAs Farsi
1800-1845 on 7480 KCH 500 kW / 116 deg to WeAs Farsi

Radio Lead Africa

0300-0400 NF 6090 MEY 100 kW / 020 deg to CeAf English Mon/Tue/Fri
0500-0600 on 12060 MEY 100 kW / 015 deg to CeAf English Wed/Thu
0500-0700 on 12060 MEY 100 kW / 015 deg to CeAf English Sat
1900-2200 on 7425 MEY 100 kW / 020 deg to CeAf English Sat/Sun

Denge Kurdistan

0300-0500 on 11600 ISS 250 kW / 090 deg to WeAs Kurdish
0500-1300 on 11600 KCH 300 kW / 116 deg to WeAs Kurdish
1300-1700 on 11600 SCB 100 kW / 090 deg to WeAs Kurdish + 2nd hx 23200
1700-1930 on 11600 ISS 250 kW / 090 deg to WeAs Kurdish
1930-2100 on 11600 SCB 100 kW / 090 deg to WeAs Kurdish + 2nd hx 23200

Radio Tamazuj

0330-0430 on 9600 ISS 250 kW / 134 deg to EaAf Sudanese Arabic
0330-0430 on 11650 MDC 250 kW / 335 deg to EaAf Sudanese Arabic
1430-1500 on 15150 NAU 125 kW / 152 deg to EaAf Sudanese Arabic
1430-1500 on 15550 ISS 250 kW / 134 deg to EaAf Sudanese Arabic
1500-1530 on 15150 MDC 250 kW / 340 deg to EaAf Sudanese Arabic
1500-1530 on 15550 SMG 250 kW / 150 deg to EaAf Sudanese Arabic

Radio Dabanga

0430-0600 on 11650 SMG 250 kW / 146 deg to EaAf Sudanese Arabic
0430-0530 on 13800 MDC 250 kW / 335 deg to EaAf Sudanese Arabic
0530-0600 on 13800 NAU 125 kW / 152 deg to EaAf Sudanese Arabic
1530-1630 on 15150 MDC 250 kW / 340 deg to EaAf Sudanese Arabic
1530-1630 on 15550 SMG 250 kW / 150 deg to EaAf Sudanese Arabic

Eye Radio (former EDC Sudan Radio Service) from April 26

0400-0500 on 11730 ISS 250 kW / 130 deg to EaAf Arabic*
1600-1700 on 17730 ISS 250 kW / 130 deg to EaAf Arabic*
*plus other langs: Dinka/Nuer/Shilluk/Bari/Zande/Lutoho

Radio Dandal Kura International

0500-0700 on 7415 ASC 250 kW / 055 deg to WeAf Kanuri
0700-0800 on 15480 WOF 300 kW / 165 deg to WeAf Kanuri
1800-2100 on 12050 ASC 250 kW / 065 deg to WeAf Kanuri

Republic of Yemen Radio

0600-0900 on 11860 JED 050 kW / non-dir to N/ME Arabic
0900-1800 on 11860 unknown tx / unknown to N/ME Arabic
1800-2300 on 11860 JED 050 kW / non-dir to N/ME Arabic
2300-0600 on 11860 unknown tx / unknown to N/ME Arabic

Manara Radio

0730-0830 on 15440 ISS 150 kW / 170 deg to WeAf Hausa
1600-1700 on 17765 ISS 150 kW / 170 deg to WeAf Hausa

Radio Free Sarawak

1100-1300 on 15420 PUG 250 kW / 280 deg to SEAs Iban Mon-Sat

Suab Xaa Moo Zoo, Voice of Hope

1130-1200 on 11570 TSH 100 kW / 250 deg to SEAs Hmong
2230-2300 on 7530 TSH 100 kW / 250 deg to SEAs Hmong

Voice of Khmer M'Chas Srok

1130-1200 on 17860 TAC 100 kW / 122 deg to SEAs Khmer Thu/Sun

Radio ERGO

1200-1300 on 17845 DHA 250 kW / 225 deg to EaAf Somali

Que Me

1200-1230 on 9930 HBN 100 kW / 318 deg to EaAs Vietnamese Fri

Radio Free North Korea

1200-1300 on 15630 TAC 100 kW / 076 deg to NEAs Korean

Nippon no Kaze

1300-1330 on 9900 TSH 100 kW / 002 deg to NEAs Korean

1300-1330 on 9950 TSH 100 kW / 002 deg to NEAs Korean

1500-1530 on 9765 TSH 100 kW / 002 deg to NEAs Korean

1500-1530 on 9975 HBN 100 kW / 345 deg to NEAs Korean

1530-1600 on 9765 TSH 100 kW / 002 deg to NEAs Korean

1530-1600 on 9965 HBN 100 kW / 345 deg to NEAs Korean

National Unity Radio

1300-1600 on 11550 DB 100 kW / 071 deg to NEAs Korean

Furusato no Kaze

1330-1400 on 9900 TSH 100 kW / 002 deg to NEAs Japanese

1330-1400 on 9950 TSH 100 kW / 002 deg to NEAs Japanese

1430-1500 on 9560 TSH 100 kW / 002 deg to NEAs Japanese

1430-1500 on 9960 HBN 100 kW / 345 deg to NEAs Japanese

1600-1630 on 9470 TSH 100 kW / 002 deg to NEAs Japanese

1600-1630 on 9960 HBN 100 kW / 345 deg to NEAs Japanese

Shiokaze Sea Breeze

1300-1330 on 5965 YAM 300 kW / 280 deg to NEAs Chinese Mon

1300-1330 on 5965 YAM 300 kW / 280 deg to NEAs Japanese Tue

1300-1330 on 5965 YAM 300 kW / 280 deg to NEAs Korean Wed

1300-1330 on 5965 YAM 300 kW / 280 deg to NEAs English Thu

1300-1330 on 5965 YAM 300 kW / 280 deg to NEAs Korean Fri

1300-1330 on 5965 YAM 300 kW / 280 deg to NEAs Japanese Sat

1300-1330 on 5965 YAM 300 kW / 280 deg to NEAs Korean Sun

1330-1400 on 5965 YAM 300 kW / 280 deg to NEAs Japanese Tue

1330-1400 on 5965 YAM 300 kW / 280 deg to NEAs Korean Wed

1330-1400 on 5965 YAM 300 kW / 280 deg to NEAs English Thu

1330-1400 on 5965 YAM 300 kW / 280 deg to NEAs Korean Fri

1330-1400 on 5965 YAM 300 kW / 280 deg to NEAs Korean Sat

1330-1400 on 5965 YAM 300 kW / 280 deg to NEAs Japanese Sun

1405-1435 NF 7325 YAM 300 kW / 280 deg to NEAs Japanese Daily

1600-1630 on 6090 YAM 300 kW / 280 deg to NEAs Chinese Mon

1600-1630 on 6090 YAM 300 kW / 280 deg to NEAs Japanese Tue

1600-1630 on 6090 YAM 300 kW / 280 deg to NEAs Korean Wed

1600-1630 on 6090 YAM 300 kW / 280 deg to NEAs English Thu

1600-1630 on 6090 YAM 300 kW / 280 deg to NEAs Korean Fri

1600-1630 on 6090 YAM 300 kW / 280 deg to NEAs Japanese Sat

1600-1630 on 6090 YAM 300 kW / 280 deg to NEAs Korean Sun

1630-1700 on 6090 YAM 300 kW / 280 deg to NEAs Korean Mon

1630-1700 on 6090 YAM 300 kW / 280 deg to NEAs Japanese Tue

1630-1700 on 6090 YAM 300 kW / 280 deg to NEAs Korean Wed

1630-1700 on 6090 YAM 300 kW / 280 deg to NEAs English Thu
1630-1700 on 6090 YAM 300 kW / 280 deg to NEAs Korean Fri
1630-1700 on 6090 YAM 300 kW / 280 deg to NEAs Korean Sat
1630-1700 on 6090 YAM 300 kW / 280 deg to NEAs Japanese Sun

Voice of Wilderness

1330-1530 on 7615 TAC 100 kW / 076 deg to NEAs Korean

North Korea Reform Radio

1430-1530 on 11570 TAC 100 kW / 076 deg to NEAs Korean
2030-2130 on 7595 TAC 100 kW / 076 deg to NEAs Korean

Radio Warra Wangeelaa-ti

1500-1530 on 15515 TIG 150 kW / 165 deg to EaAf Afar Oromo Sat

Voice of Martyrs

1530-1700 on 7510 TAC 100 kW / 076 deg to NEAs Korean

Radio Xoriyo

1600-1630 on 17630 ISS 500 kW / 130 deg to EaAf Somali Tue/Sat
1600-1630 on 17870 ISS 500 kW / 130 deg to EaAf Somali Mon/Fri
Transmissions are jammed by Ethiopia with white noise digital jamming

Oromo Voice Radio

1600-1615 on 17850 ISS 250 kW / 130 deg to EaAf Afar Oromo Mon
1615-1630 on 17850 ISS 250 kW / 130 deg to EaAf English Mon
1600-1630 on 17850 ISS 250 kW / 130 deg to EaAf Afar Oromo Wed/Sat
Transmissions are jammed by Ethiopia with white noise digital jamming

Radio Ranginkaman/Radio Rainbow

1600-1630 on 7575 KCH 500 kW / 116 deg to WeAs Farsi Mon/Fri
1600-1630 on 15690 SCB 050 kW / 090 deg to WeAs Farsi Mon/Fri, cancelled

Radio Voice of Independent Oromia

1600-1630 on 17860 ISS 250 kW / 130 deg to EaAf Oromo Sun
Transmissions are jammed by Ethiopia with white noise digital jamming

Dimtse Radio Erena

1700-1730 on 11885 SCB 050 kW / 195 deg to EaAf Afar Oromo Dly
1730-1800 on 11885 SCB 050 kW / 195 deg to EaAf Arabic Mon-Sat
1730-1800 on 11885 SCB 050 kW / 195 deg to EaAf Afar Oromo Sun

Voice of Oromo Liberation

1700-1730 on 17630 NAU 100 kW / 139 deg to EaAf Afar Oromo Wed
1730-1800 on 17630 NAU 100 kW / 139 deg to EaAf Amharic Wed
1700-1800 on 17630 ISS 100 kW / 130 deg to EaAf Amharic Sun
Transmissions are jammed by Ethiopia with white noise digital jamming

Radio Assenna

1700-1800 on 15245 ISS 250 kW / 130 deg to EaAf Tigrinya Mon/Thu/Sat

Eritrean Forum Medrek

1700-1800 on 15245 ISS 250 kW / 130 deg to EaAf Tigrinya Tue/Fri/Sun

1700-1800 on 15245 ISS 250 kW / 130 deg to EaAf Arabic Wed

1800-1900 on 15245 ISS 250 kW / 130 deg to EaAf Arabic Sat

Sedoye Bahar Voice of Spring

1730-1800 on 7495 KCH 500 kW / 116 deg to WeAs Farsi Thu/Fri

UNIDentified station

1730-1800 on 17765 ISS 150 kW / 125 deg to EaAf Oromo Sun

Radio Biafra

1800-2100 on 11700 SCB 100 kW / 195 deg to WeAf English

Lutheran World Federation Voice of Gospel(Sawtu Linjilia)

1830-1900 on 15315 ISS 500 kW / 180 deg to WCAf Fulfulde

Radio Free Gambia

1900-2000 on 15465 ISS 100 kW / 207 deg to WeAf English* Fri

* plus other languages: Mandinka/Wolof/Fula/Serer/Krio

Stream of Praise Music Ministries

2100-2130 on 7530 TSH 100 kW / 250 deg to EaAs Cantonese/Chinese

Below is the new A16 Schedule for **Hobart Radio International**:

www.hriradio.org

Station	Frequency	Day	Time (UTC)	Region
WRMI	11580kHz	Saturdays	2330-0000	Est USA, Eu, NAF, M East.
WRMI	9955kHz	Sundays	0330-0400	The Americas
WBCQ	5130kHz	Mondays	0330-0400	North America
Unique R	3210kHz	Fridays	0800-0830 1400-1500	Australia
Unique R	3210kHz	Saturdays	0730-0900 1430-1530	Australia
World FM	88.2MHz	Thursdays	0430-0500	Tawa, NZ
World FM	88.2Mhz	Sundays	1030-1100	Tawa, New Zealand
Soundwave FM	107.7 & 87.8MHz	Sundays	0200	Napier, New Zealand

Yakutia shortwave restarts. Shortwave broadcasts from Radio Sakha, Sakha (Yakutia) Republic have resumed after ceasing back in 2010 [March 2011].

NBC "Sakha" Yakutia shortwave from May 6, schedule:

2100-2400 7295 IAK 250 kW 045 deg FERUS Russian Sun-Thu
2100-2400 7345 IAK 100 kW 310 deg FERUS Russian Sun-Thu
2200-0500 7295 IAK 250 kW 045 deg FERUS Russian Fri/Sat
2200-0500 7345 IAK 100 kW 310 deg FERUS Russian Fri/Sat
0300-0500 7295 IAK 250 kW 045 deg FERUS Russian Mon-Fri
0300-0500 7345 IAK 100 kW 310 deg FERUS Russian Mon-Fri
0900-1200 7295 IAK 250 kW 045 deg FERUS Russian Daily
0900-1200 7345 IAK 100 kW 310 deg FERUS Russian Daily

USA Frequency change of World Harvest Radio International WHRI Angel 1
0900-1000 NF12015 HRI 250 kW 245 deg to AUS English Sun-Fri, ex11565

India AIR short-wave may shut down

The external short-wave broadcasts from All India Radio (AIR) may cease due to high maintenance costs. AIR External Service transmissions first began in British India on October 1, 1939 to counter Nazi radio broadcasts directed to Afghanistan, Iran and the Arab nations.

Six transmitters were transferred to the Indian Government in 1947. Today the External Services Division broadcasts 57 transmissions daily, with almost 72 hours covering over 108 countries in 27 languages. Thanks to Ray Crawford, taken from WIA News.

U.K.

A shake up of the BBC is underway as its Charter is about to be renewed. From information on its website, the government seeks a more high brow rather than populist approach to broadcasting. The BBC will be "required to give greater focus to under-served audiences, in particular those from black, Asian and ethnic minority backgrounds, and those in the nations and regions". The government wants "the BBC to be the leading broadcaster in promoting diversity."

In addition a white paper is being published and its areas of focus are:

- The licence fee, which has been frozen at £145.50 since 2010, will now rise with inflation from next year.
- A new mission statement for the BBC: "To act in the public interest, serving all audiences with impartial, high-quality, and distinctive media content and services that inform, educate and entertain."
- A new unitary board which will govern the corporation, replacing the BBC Trust.
- The BBC will have the ability to appoint the majority of its board, independent of government
- Editorial decisions will be explicitly the responsibility of the director general
- Ofcom will be given the power to regulate all BBC services

If only we had this sort of quality TV in New Zealand! As one who spent almost a decade living in the UK, the licence fee was worth it. (Chief Ed.)

Thanks to Ralph Sutton for sharing the link: <http://www.bbc.com/news/entertainment-arts-36259237#%22>

Reminiscences

I completed the April DX Times while I was at Lake Ellesmere. I just had my work laptop with me and was able to work away quietly at it and in no time at all it was done. I think it was an eye opener for former Chief Editor Arthur DeMaine in particular. When he did the magazine he had to do a great deal more work on it than I do. I can remember those days all too well. Douglas Johns was involved in the production of the DX Times when the Canterbury Branch was responsible for it.

THE WAY IT USED TO BE DONE !!!

Looking back at the April 1995 DX Times (DXDialog posting of 28 April 2106) illustrates just how far we have come in utilising technology.

The piece that caught my eye was the request for someone to fill in for the Shortwave Editor – the requirements being either an electric typewriter, or a computer with a printer. Of course in 1995 home PC's were not all that common, and printers were great hulking machines, usually dot matrix, that did little for the aesthetics of any room.

But let's go back a bit further – say the late 1960s.

At that time Christchurch Branch had the responsibilities for producing the Times. No electric typewriters, no PC's with printers, no photocopiers, just ordinary typewriters, and a Gestetner, which was a type of printing duplicating machine.

The method of production was for the sub-editor to type member's notes on to a stencil made of a special type of film which could be run through the Gestetner which enabled printing to be made on to paper.

Members would post their notes to the sub-ed (we had 6 day postal delivery in those days !), who would transcribe them on to the stencil using the typewriter without the typewriter ribbon. The imprint of the type face cut minute holes into the stencil which would in turn allow ink to pass through these holes and on to the paper. Because there was no ribbon in the typewriter, what one was typing could not be seen. In effect you were typing blind. But there was a way round this – insert a piece of carbon paper backwards between the stencil and the backing sheet, and hey presto you could see what you had typed. Correcting any typing errors was achieved by applying a special correcting fluid – which smelt like concentrated nail polish – without getting it on to the backing sheet, waiting for it to dry, and then typing over the mistake.

As nearly all notes received were handwritten, some deciphering skills were a distinct advantage !

Once all stencils had been cut and sent to the Chief Editor, the sub-eds being spread around New Zealand, they were then collated in order, and the process of printing could begin. Each page had to be printed separately and allowed to dry. Once dry the reverse side could be printed. The original Gestetner used was a hand operated machine, although we did get an electric one later on. With the magazine being up to 20 pages some months, and with a distribution list approaching 300 quite an amount of paper was consumed.

When all the printing had been done, a number of local members gathered one evening at chief printer Mick Frost's house in St Albans where each page was laid out in order around his kitchen table. Round and round the table we walked picking up a page from each pile, making sure they were nice and tidy and in the right order, after which they were had stapled together.

On another corner of the table was a stack of pre-addressed wrappers – produced by using an addressograph machine (another long discarded relic of the past). The stapled magazines were then folded in half, and then into thirds, and the wrapper was applied and sealed.

Finally it was off to the Post Office to lodge them at the bulk mail counter for permit paid mail. The only thing that has not changed in the whole process is the mail permit system. It existed back then, and it still exists today.

And then we all went home, secure in the knowledge that we would be back going through the same process next month.

Technology has certainly made production of the Times much simpler now.

Douglas Johns poses the question - **IS IT REALLY THE SAME ????**

Remember how we used to sit and wait the arrival of the postman? And what goodies might he have in his bag for us ?

For in those days there were stations galore were to be heard and - even better - QSLs in the form of picturesque postcards used to roll in.

Remember the colourful cards we used to get from stations such as Czech Radio, RRI, RCI, Radio Norway, Radio Sweden, Radio Peking, Radio Japan and Radio Australia, to name but a few.

Yes, the allure of tuning up the radio and hearing something exotic still exists, but somehow an email with bald details by way of verification just lacks a little something.....

But then, of course, how many of the shortwave broadcasters that issued such enticing QSLs remain – not many – and of those that do how many actually QSL ?

Somehow, for me, a bald email doesn't quite cut it, but if that's all I can get then I'll accept it.

Bryan Clark recalls famous DX Locations of the Past

One of the great DX locations in the early days of the DX League was the Clayden Farm on the Whangaparaoa Peninsula on Auckland's North Shore.

My memories of Whangaparaoa were awakened during a surprise visit to Mangawhai by former League member Tony Ward who, together with Lloyd Clayden and Barry Williams, were amongst the kings of Whangaparaoa DX in the 1950s. Tony and I reminisced non-stop during his visit and I collected anecdotes with the intention of eventually contributing an article on Whangaparaoa's place in the club history for our radiodx.com website.

I visited the Clayden Farm just once - I think it was October 1968 and I was in the company of Theo Donnelly and Tony Marr.

DX highlights included logging and verifying 2 new countries on SW - Reunion 4807 and Maldives 4740.

I next returned to Whangaparaoa in 1975, staying at an aunt's beach house at Stanmore Bay over Christmas week. Armed with an Eddystone 680X and collapsible 1 metre loop antenna, I experienced some great MW DX, including CJFP Quebec 1400, Singapore 790 and, most memorably, CSB2 Radio Club Portugues from Lisbon 1034, logged via longpath over 7 evenings around 0730 UTC.

Older DXers will remember expatriate Alan Roycroft whose company Broadcast Services provided technical services to most Hawaiian AM stations - he QSLed my Whangaparaoa report of KIPA 620 and returned the postcard on which I had marked my Stanmore Bay listening site - marked with the nearby home where he had spent those same Christmas holidays with family!

BROADCAST NEWS

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



NEW ZEALAND Puketapu Radio **756** at Palmerston was noted back on air on 12 May.
(David Miller via DX Dialog Yahoo Group)

CANADA

- 1220 St. Catherines ON has new Commercial station approved, Classic Hits format, slogan "Grapevine Radio", 10kw day & night.
1650 CJRS Montreal QC was Hebrew (Radio Shalom), now carries Christian programming in French with new callsign CKZW. (via Dan Sys IRCA)

HAWAII KIPA Hilo on **1060** has been granted a Special Temporary Authority extension for U1 2kw day & night. (via NRC)

MONGOLIA Babcock tested a high-power mediumwave transmitter on **1431** for 4 nights in late May, hoping to be audible in Korea and northeast China. The tests are in preparation for a BBC Korean service on MW. (Chris Greenway & Glenn Hauser DXLD Yahoo Group)
Chris Kadlec in Seoul says the transmitter is 500kw directional at 150° toward Korea from Choibalsan, Mongolia. (WTFDA via Russ Edmonds RealDX Group)

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

- 590 KUGN Eugene OR granted STA for U4 1.5kw/5kw, night pattern 24 hours.
600 WBOB Jacksonville FL construction permit for U4 50kw/9.7kw is on the air.
620 WDAE St. Petersburg FL granted STA extension for (U2 11.2kw/11kw) to overcome Cuban QRM.
790 KJRB Spokane WA format changed to Nostalgia, slogan "Magic 790". (DXMid)
870 KFJZ Fort Worth TX now has a Spanish Religion format. (Glenn Hauser)
940 WINZ Miami FL seeks STA extension (U2 50kw/25kw) to overcome Cuban QRM.
1040 WLWJ Boynton Beach FL granted CP for U4 50kw day, 5kw nights, City of Licence to Miami FL, moving to current transmitter site of WMYM 990.
1050 KEYF Dishman WA changed callsign to KFIO on 25 April.
1240 WULA Eufaula AL format change from Sports to Urban Contemporary/Gospel, slogan to "The Harbor."
KWIK Pocatello ID drops Rock format, now News/Talk, incl. Coast to Coast AM.
KFBC Cheyenne WY format now Sports; slogan to "CBS Sports Radio".
1260 KTRC Santa Fe NM new slogan is "Progressive Talk 1260."
KWSH Wewoka OK slogan now "The Station You Grew Up With." (Glenn Hauser)
1270 KBZZ Sparks NV granted STA extension for U2 13kw days, 1.25kw nights.
1280 KZNS Salt Lake City UT new slogan is "The Zone."
1300 KKOL Seattle WA granted STA extension for U4 25kw days, 30kw nights.
1320 KCTC West Sacramento CA had callsign change to KIFM on 28 April.
1330 WWRV New York NY now seeks U4 10kw/3.8kw to eliminate QRM to WENA Yaucó PR.
1420 KSTN Stockton CA slogan is now "105.9 the Bull."

- 1430 KASI Ames IA now using the slogan "Fox 1430."
- 1450 KQTE Helendale CA is using new slogan "Q-T Radio."
- 1470 KUTY Palmdale CA granted STA extension for U1 1.25kw day & night.
- 1510 KGA Spokane WA slogan changed to "N. W. Sports Talk"
- 1560 KZIZ Pacific WA applies for U6 10kw/2.5kw (CH 2.5kw) ie ND day, DA CH nights.
- 1570 KBUD Loveland CO had call change to KVM on 1 April.
- 1600 WRPN Ripon WI drops Rock & Oldies format for Talk.
- 1690 KDMT Arvada CO granted STA with U1 1kw day & night due transmitter problems.

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

- 790 KJRB Spokane WA was sports, now adult standards w/slogan: "Magic 790 KJRB".
- 960 KOVO Provo UT new slogan is "ESPN 960 Sports".
- 1230 KRUZ Murray UT was silent, back on with CBS Sports Radio
- 1270 KFSQ Thousand Palms CA has changed call letters to KVGH. Was silent, now classic hits, adds slogan: "Valley 105.1"
- 1310 WDTW Dearborn MI was silent, now regional Mexican, adds slogan: "La Mega Detroit 1310 AM".
- 1340 KOLE Port Arthur TX has new slogan "Power 1340".
- 1590 KLIV San Jose CA is dropping it's 30 year old news format and switching to Classic Country. I guess the oldies music that has been on from midnight to 5 am will go too. KLIV is just trying to save money and its sister station is Country KRTY so KLIV is trying to complement KRTY with classic country. KLIV will simulcast KRTY's morning show. (David Gordon CA)

VENEZUELA: The UTC -4.5 time zone instituted by Hugo Chávez in 2007 was due to end on May 1 when Venezuela returned to UTC -4. (via National Radio Club)
 European DXers reporting to the RealDX Yahoo Group are hearing Radio Dinamica from Caracas with religious programming on the offset frequency of **1490.0154** kHz.

KINGS OF THE KILOHERTZ BILL MARSH in Blenheim continues trying to improve his MW DX Capabilities in the urban situation. He wrote "Been busy putting up a EWE antenna which is not performing as it should because of section constraints ie. hedges and fences. Decided that I am going to raise the whole thing by 2 meters and change it into a flag antenna. Hopefully this will be clear of surrounding objects." Then he follows up: "Finally got my EWE working. Had to raise the ground radial to a height of 2.4 m to clear fences etc. The top wire is 6 m above ground so vertical part of EWE is 3.6 m. Seems to be working OK but band has not been best at the times I have been able to listen. Have managed to log 4 new Yanks. Front to back is very good so won't get too much interference from Aussie. My project today is to use the coax feeder and a DC voltage to remotely switch the power supply to the preamp on and off. Will do this the same way as I have done my coaxial loop. Next stage will be to switch the feed from one end to the other to give me the 2 directions."

PAUL ORMANDY Oamaru spent 2 nights at his Waianakarua DX shack and contributes an excellent trail of loggings, including rarely heard Panama.

PHILIP GARDEN Oamaru writes that he is now up and running for DXing, thanks to a EWE antenna that Paul made for him, which Philip says works very well. He has submitted some trail items from the latest trip out to Paul's site at Waianakarua.

IAN WELLS of Mosgiel/Oamaru says he was also busy at Waianakarua with his Icom R71E, testing the 4x12 metre EWE that Paul has constructed for him. The results are in the trail and reports are going out to XEMO, KION, Radio Espinar, KKA, Radio Carravis,

WGIT and WVON.

TONY KING Greytown is another contributor to our big trail this month. He reports good listening to American stations on 5, 13, 19 and 23 May, with a definite lift in signals when there are gale force winds from the south! "I have a three input switch for my present East and NE EWEs and a BOG to the North. Switching is great for comparisons." Tony also reports that an audio phaser is great at reducing splatter and audio squeal. The MW band is alive in Greytown from about 0530 past 1100 UTC. (Great effort Tony!)

STUART FORSYTH, Cyberjaya and **PHIL VAN DE PAVERD**, Cable Bay both caught the 25 May test transmission from Mongolia on 1431 (see more info above).

BRYAN CLARK, Mangawhai is pleased with his KHIL 1250 QSL and some more good Latin American catches with Bethel Radio noted fading in on 1570 most days soon after 0300 UTC at present. He is utilising the SDR's ability to "see" and measure transmitter carriers down to 4 decimal places and potentially identify Latins that are often well off their assigned frequency. Stop Press – Mongolia 1431 heard at Mangawhai on final test broadcast day – 28 May.

MONSTER BROADCAST TRAIL

BCM = Bryan Clark at Mangawhai with WinRadio Excalibur Pro SDR, AOR7030+ and EWE antennas to NE, East & SE.

TK = Tony King Greytown with Tecsun PL380 and 15m EWE to NE.

PG = Philip Garden, Oamaru with Kenwood R-5000 and portable EWE to northeast

PG-W = Philip Garden DXing at Waianakarua with Kenwood R-5000 & EWE.

IW = Ian Wells DXing at Waianakarua with Icom ICR71E and EWE.

PWO = Paul Ormandy at Waianakarua

570	0825	CUBA Radio Reloj, Santa Clara noted thru US station w/SS news, minute pip & "RR" id 10/5. BCM
666	0800	NEW CALEDONIA R. Noumea m/ann with news fair 27/4 PG
666	0840	AUSTRALIA 2CN m/ann Fox Sports heard p/f 6/5 PG (ABC wont have been carrying Fox Sports Philip. Perhaps KMZQ Las Vegas on 670 but they only listed 600 watts at nights. BC)
760	0546	USA KFMB San Diego w/local prgm & ident (freq 759.999 while KGU Honolulu on 759.993) 6/5. BCM
790	0622	CUBA Radio Reloj, w/pips & ID each minute, rolling news in SS, mixed US sports nx 12/5. BCM
820	0345	PERU Radio Libertad, Lima pr but in clear w/Pentecostal relig 21/5. PWO
840	0645	PANAMA Radio Nacional, Panama City, up nicely o/mx stn w/id then lively pop song 21/5. PWO
840	0645	COLOMBIA HJJK Neiva, pres the mx stn earlier hrd, up w.canned id and HJ pops 21/5. PWO
860	0605	MEXICO XEMO La Poderosa in SS good signals with "La Poderosa" ids around 0615 gone by 0625 21/5. IW
880	0925	USA KRVN Lexington NE VG sig. "880 Weather Watch" Weekend Wx for Central Nebraska 13/5 TK
890	0508	CUBA Radio Progreso, Chambas w/latin pops // 640 under KFI 22/5. BCM
930	0803	CUBA Radio Reloj on top w/SS news, pips, time chk, "RR" code 13/5. BCM
940	0819	MEXICO XEQ La Q (tent) occasionally strong in SS o/usually dominant KFIG 21/5. IW
940	0915	MEXICO XEQ with music under KFIG sports and KFIG ID's 13/5 TK
940	0924	USA KFIG Fresno ESPN Sports - ESPN Radio, ESPN App, and ESPN 1"

Advt for GPS Motor Oil . TK

940 0955 USA KFIG Fresno CA male ann talking about basketball v/g 3/5 PG

940 0850 HAWAII KKNE M/ann Hawaii hrd fair 14/5 PG

940 0855 USA WINZ Miami FL 2 males sports radio fair, 13/5 PG

940 0925 UNID LATIN male in SS then mx poor 15/5 PG (Likely XEQ. BC)

950 0928 MEXICO UNID w/ident for Grupo Formula station XERFR 970 – who would be relaying this? 11/5. BCM

960 0902 CUBA Radio Reloj, Guantánamo mixed CFAC sports talk, SS news, time pip & anct each minute, “RR” morse code identifier, 19/5. BCM

980 0618 COLOMBIA RCN Cali,gd sig, canned ID between tracks, mxd unid w/ classical mx. PWO 21/5

1010 0606 PERU Radio Cielo. Lima, gd sig w/FA, well hrd all evening 21/5. PWO

1010 0610 PERU Radio Cielo noted fairly strong in SS but soon gone 21/5. IW

1070 0620 ARGENTINA Radio El Mundo w/SS talk format mixing KNX 20/5. BCM

1110 0905 USA KFAB Omaha NE Nx on hour, C2C bridge, ID 0905 16/5 TK

1120 0904 USA KPNW Eugene OR with news 13/5 TK

1140 0900 USA KHTK Sacramento CA CBS ID and news 16/5 TK

1150 0517 MEXICO XEJP El Fonografo, Mexico DF w/jingle ID, on top 13/5. BCM

1150 1030 USA KEIB Los Angeles CA strong w/advts and ident “AM 1150 KEIB” + four ID track repeats as program bridge 5/5. TK

1170 0852 USA KFAQ Tulsa OK “Coast to Coast AM” over Asian Unid 13/5 TK

1180 0315 USA Radio Marti astonishingly early appearance v.strong in SS 21/5. IW

1180 0317 USA Radio Marti, Marathon Key, just fading in w/SS tlk 21/5. PWO

1180 0355 USA Radio Marti m/ann in SS, Habana Cuba heard f/g 20/5 PG-W

1180 0450 CUBA Radio Rebelde outlets on 1180.017 and 1180.012 fighting it out w/ co-channel Radio Marti on 1179.9976/5. BCM

1180 0847 USA Radio Marti, Marathon FL at VG level with ID 13/5. TK

1200a 0515 UNID LATINS on 1200.033 and 1200.173 putting bad het whine on WOAI. Latter offset has been reported as HJIJ La Voz de la Raza. 22/5. BCM

1210 1013 USA KPRZ San Marcos CA Rel talk over presumed KGYN 5/5. TK

1220 0835 MEXICO XEB Mexico DF Nostalgic SS vocals 13/5 TK

1270 0652 HAWAII KNDI Honolulu w/full ident by Filipino-accented female 13/5. BCM

1309.7 0507 COLOMBIA Voz de la Patria on 1309.68m w/Christian vocals 13/5. BCM

1309.8 0839 COLOMBIA La Voz de la Patria Celestial, Barranquilla on 1309.8, pr w/poor audio, in 4ZD slop 20/5. PWO

1340 0600 COLOMBIA UNID HJ station w/soft vocals & idents for “Radio Fantastica, 104.4 & 1340” Thanks to PWO for ID assistance. 23/5 BCM

1360 0438 PERU Radio Bienestar briefly up & strong, but 1359 NZer remained dominant 21/5. IW

1360 0641 PERU Radio Bienestar, Lima up w/id, promo 20/5. PWO

1370 0407 COLOMBIA (tentative) Radio Minuto de Dios, Barranquilla w/fire & brimstone preacher 21/5. PWO

1420 0815 HAWAII KKEA Honolulu “ESPN and ESPN-2” multiple ID’s 13/5 TK

1420 0956 HAWAII KKEA male with sports, Honolulu hrd p/f 11/5 PG

1430 0454 COLOMBIA Radio Uniminuto, Barranquilla, back-back EE pops, Spice Girls, Oasis, Meatloaf etc. Mxd unid w/relig 21/5. PWO

1440 0905 KIRIBATI Tarawa on spoken prgm mixed Moana AM, freqs 1339.996 and 1440.006 respectively 2/5. BCM

1450 0454 PANAMA (tentative) Radio Melodia, Colon, Latin pops, canned id between tracks but no recording to verify. Fighting w/ SS relig 21/5. PWO

- 1460 0452 COLOMBIA Nueva Continente Bogota w/SS soft Christian vocals 7/5. BCM
- 1460 0900 USA KION Salinas CA "Fox 1660 and 101 FM" + time pips. Over KHRA Hawaii in KK 16/5. TK
- 1460 0651 USA KION Salinas CA with talkback and news about Egyptian air disaster. Ids as "Powertalk 1460 and 101 FM", advts for American Institute of CPAs and the National Rifle Association 21/5. IW
- 1460 0659 USA KION Salinas CA, ID "Talk radio KION AM 1460 & FM101" gd sig 21/5. PWO
- 1460 0819 COLOMBIA Emis Nuevo Continente, Bogota, gospel mx, ID by FA fr sig. 20/5. PWO
- 1470 0326 PERU Radio Capital, strong all night 21/5. Missing night before. PWO
- 1470 0330 PERU Radio Capital Lima initially strong in SS when first noted 21/5. IW
- 1470 0735 PERU Radio Capital, Talk-back show SS ann fair 27/4 PG
- 1480 0908 PERU Radio Espinar fair on USB in SS with rowdy fiesta music and many announcements. No fading in over 20 minutes monitored 21/5. IW
- 1480 0914 PERU Radio Espinar, Yauri, deep in the Peruvian jingle. Andean mx, rooster crows, canned ids, etc. Listed as 1kW. PWO 21/5
- 1499.8 0532 PERU Radio Santa Rosa on measured 1499.813 always putting tell-tale howl on 1500 stations 7/5. BCM
- 1499.9 0352 PERU Radio Santa Rosa, Lima, gd w.nice Andean mx interlude then into relig. Good all evening 21/5. PWO
- 1510 0550 USA WLAC Nashville TN discussing magnetic fields, C2C? 16/5 TK
- 1510 0850 USA KGA Spokane WA ID "Sports Radio 1510 KGA" 5/5. TK
- 1520 0414 COLOMBIA Radio Libertad, Bogota, gd all evening w/relig 21/5. PWO (Has new identification per May DX Times but I have yet to hear ID. BC)
- 1540 0549 BAHAMAS ZNS1 Radio Bahamas, Nassau w/talkback past 0615 11/5. Male host "Mr Burrows on Line 1, how are you man?" BCM
- 1540 0724 BAHAMAS R Bahamas, Nassau, gd sig o/Turbo Mix w/Natalie Cole number 21/5. PWO 21/5
- 1540.5 0827 PERU Radio Turbo Mix, Cajamarca, fr sig w/Peruvian pops 20/5. The following nite, much stronger. PWO.
- 1560 0728 USA KCAA Aberdeen, South Dakota, weak under co-channel. ID as "Your Newstalk sports leader KK double A" at 0800 21/5. IW
- 1560 0536 USA WFME New York NY and KCAA Aberdeen SD - Ian Wells and I struggled with this one, we didn't realise they were both carrying the same "Family Radio" prgm, however the 2 stations split for local content around the top of the hour. Ian heard an ID for KCAA on his EWE aimed at NAm, while I had the NY station stronger on the Latin Beverage, At times they were mixed, other times completely separated by the antennas. We listened to these two across 0800 and 0900z 21/5. PWO
- 1560 0511 USA (tentative) WFME New York NY w/annct for Horizon Church services 24/5. Up for half a minute otherwise only Latins on channel. BCM
- 1560 0500 MEXICO XELAC Radio Azul, Guaycamayas, identified tks to PWO, one of two Latins mixed here 24/5. New catch for me. BCM
- 1566 0905 NORFOLK ISLAND VL2NI w/RNZ National relay mixing presumed 3NE 21/5. One station on 1565.993, the other on 1566.002. BCM
- 1570 0925 PERU R. Bethel mx by f/m vocalist SS fair 2/5 PG
- 1570 0710 PERU Radio Carravis, Juliaca, generally matching co-channel Bethel Radio in SS with several Ids 20/5. IW
- 1570 0625 PERU Radio Carraviz, Juliaca id in break from sermons over "Onward

- Christian Soldiers” music bed. Dominant over Bethel Radio 20/5. PWO
- 1570 0725 PERU R. Carravis hrd w/m/ann in SS poor 20/5 PG-W
- 1580 0700 COLOMBIA Radio Maria, Barranquilla, up nicely w/id, heavily slopped on by Hills AM 1575 20/5. PWO
- 1580 0715 USA KBLA Santa Monica CA seems a new format, all local prog, FA on self-help issues, ad for local electrician, promo for “Hollywood Spotlight” prgm 21/5. PWO
- 1610 0540 ANGUILLA Caribbean Beacon. Rel. dialogue Mrs Scott. 15/5 TK
- 1610 0649 ANGUILLA Caribbean Beacon, fr w/old Dr Gene Scott prog 20/5. PWO
- 1620 0320 CUBA Radio Rebelde also very early and strong in SS 21/5. IW
- 1620 0406 US VIRGIN ISLANDS presumed WDHP with English-accented EE at tune in, but swamped by Rebelde soon after and not heard again 21/5. IW
- 1620 0801 US VIRGIN ISLANDS WDHP w/BBC news, local ident over “You’re listening to Reef Broadcasting...” over multiple Radio Rebeldes 13/5. BCM
- 1640 0715 USA WTNI Biloxi MS w/ESPN Radio sports talk thru KDIA 5/5. Freq measured as 1640.015 whereas KDIA is on 1640.01. BCM
- 1630 0528 USA KKGW Dallas TX w/frequent idents & station promos. Weather news on “16-30 KKGW” 24/5. BCM
- 1650 1130 USA KSVE El Paso TX talk by man & woman w/frequent ID 15/5 TK
- 1660 0335 PUERTO RICO WGIT weak, fading, SS ID as “Faro de Santidad” 21/5. IW
- 1660 0727 ARGENTINA Radio Revivir, pres the one here with Pentecostal-style relig, invite to a rally at Parque Presidente (Sarmiento??). Clear signal, some heavy fading 20/5. PWO
- 1660 1144 USA KRZI Waco TX Sport and local ID 15/5 TK
- 1660 0614 USA KTIQ Merced CA “Countdown of Rock” 25/4 TK
- 1665 2015 AUSTRALIA Vision Christian Radio w/advert Harvest Bible Collage EE fair 20/5 PG-W
- 1670 0927 USA KHPY Moreno Valley CA w/lively SS vocals, religious talks, new ident as ‘ESNE Radio’ (ESNE = El Sembrador Nueva Evangelizacion) 23/5.BCM
- 1690 1015 USA WVON Chicago fair with talk about the election. Id as “WVON Chicago” and mentions of WVON.com 21/5. IW
- 1690 1015 USA WVON Chicago IL, gd w/id, ph number for callers then what appeared to be their own talk-show, regular ids 21/5. PWO

OFF FREQUENCY LATINS noted by BCM

- 799.917 something putting het on 800 heard on good Latin nights, eg 0804 on 6/5.
- 1069.994 Mexican anthem at 0506 with co-channel KNX 6/5.
- 1129.896 at 0452 on 9/5; have previously had Bacan Peru on this offset.
- 1210.156 a regular het on 1210 stations eg 0736 10/5.
- 1310.012 Unid Latin at 0415 7/5.
- 1399.95 Latin causing low het on 1400 jumble at 0444 6/5
- 1409.974 Unid at 0519 on 7/5.
- 1439.914 putting het on Moana AM, Tauranga 6/5 at 0440.



EWE Bewdy - Build Your Own EWE!

by Paul Ormandy



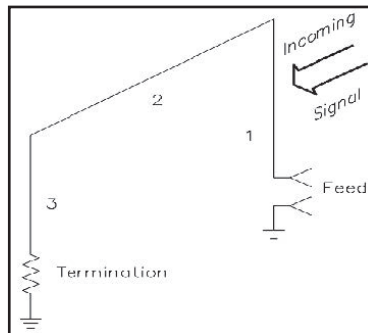
Illustration 1: Above: Ian Wells' and Phil Garden's EWEs

EWE antennas have found favour with Dxers in New Zealand and worldwide. Their compact size makes them a good choice for the average Kiwi yard, it also means they can be turned into a portable and taken away for a Dxing in favourable locations. When you are fortunate enough to live in a good location and have a selection of EWEs the results can be very rewarding, Bryan Clark only uses EWEs at Mangawhai, the quality of Bryan's loggings are testament how effective these aerials are.

EWEs are essentially 2 x short, phased verticals. The horizontal wire is simply a phasing wire, it does not contribute to the gain of the antenna.

Recently, EWE antennas were made for Phil Garden and Ian Wells, and tested at Waianakarua where they performed very well. We used the fixed earth line model otherwise known as a "flag on the ground". A flag antenna is usually elevated 2m above ground level. It looks like the image below except a wire runs between the earth points. Note the arrow indicating direction of reception so pick the direction you want to favour and position the antenna accordingly. Note the coax connects at the end where the desired signals will come from.

*Illustration 2: A basic EWE antenna
(Thanks G0JHC on qrz.com)*



Constructing them is easy, below are a list of materials to build a 4m x 12m x 4m antenna. This dimension works very well on MW & SW.

Materials: Feel free to substitute whatever you have in your treasure collection.

- 2 x 4m lengths of 50mm OD (outside diameter) PVC electrical conduit
- 4 x M6 x 2.5mm crimp lugs (from your local electrical wholesaler)
- 32m x suitable insulated flexible wire (0.5 to 1.5 sq mm)
- 1 x 9:1 balun (connect across the feed end)
- 1 x 820 Ohm resistor (connect across the termination end)
- 2 x 15 or 20m hanks of 3 or 4mm nylon cord
- 4 x tent pegs
- 1 x roll insulation tape or 4 sturdy black UV-resistant cable ties to hold the wire against the mast
- 4 x M6 x 25 bolts
- 8 x M6 nuts
- 8 x M6 washer
- 1 x tube silicon sealer
- 1 x piece of perspex or thick plastic approx 25x60mm
- 1 x plastic box to house the balun (I used a cheap conduit joint box and sealed up the hole with silicon)
- 1 x length of coax sufficient to reach your receiver
- 1 x 20dB preamp (essential if using the EWE for MW). See text.

You can use metal or wooden poles if you have them, Bill Marsh uses bamboo poles as they are lightweight and easy to obtain You could also hang one or both ends from trees, though it is recommended that your EWE is relatively clear of trees, bushes, metal fences etc.

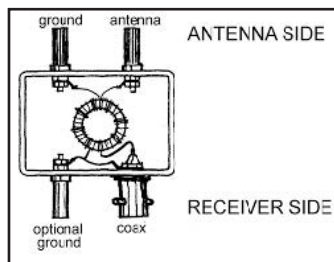
Cut one piece of wire 12m long, the other 20m long and attach crimp lugs or form eyes to suit the hardware used. We used 6mm stainless steel nuts, washers and bolts for the balun box and resistor termination.

For permanent installation, tape or cable tie one end of the 20m of wire up one pole and do likewise at the other end. Drill a 8mm hole thru the top of each mast and attach 2 x 7.5 – 10m nylon guy cords.

The balun is in fact an impedance matching transformer with a 9:1 ratio. It is made by winding 35 turns of fine wire on the secondary side and 11 turns on the primary side of an Amidon FT82-43 or FT50-43 ferrite toroid (I'd recommend the FT82 as its bigger than the FT50 and easier to wind). These toroids are designed for MW right thru SW and are available from South Island Component Centre in Christchurch.

*Illustration 3: Balun layout.
Thanks to the late John Bryant*

You can buy a suitable matching device online, see <http://www.dxengineering.com/parts/svp-sv-btplus> they cost US\$49 so will cost around NZ\$120 landed.



To make the resistor termination, crimp and/or solder lugs onto each end of the resistor. Take a piece of 3-4mm plastic/perspex etc and drill holes for each end of the resistor to connect to. Bolt the resistor in place and liberally smear silicon over it. You could also mount the resistor in a suitable enclosure.

EWEs are low gain antennas, which isn't too much for a problem for SW from 6MHz and up. For MW and tropical band DX you'll need a preamp. The 20dB preamp preferred by MW DXers is the Advanced Receiver P0.1-30/20VD. They are US\$69.95 plus postage so will cost ~NZ\$140 each.

The following pictures show how the wire is run down the masts and connected to the balun box and resistor box.



Assemble the entire antenna on the ground. Then move it to where it will be fully erected. You'll probably need someone to help at this point. Stand one of the masts up and drive pegs into the ground at 45 deg either side of the antenna and about 3-4m out. Then erect the other mast, keeping the horizontal wire reasonably taut, drive in two more tent pegs and tie off. Run out the 12m wire along the ground and attach to the balun box at one end and the resistor at the other. Do the same with the main aerial wire. Connect the coax and test the antenna. If it all works, liberally smear silicon over the bolts on the balun and resistor termination.

To make a portable version, you'll need 4 x 50mm PVC couplers, or you can make your own couplers by cutting 4 x 150mm lengths of 50mm ID (internal diameter) PVC drain pipe. Cut the 2 x 4m lengths into 3 x 1333mm sections and glue couplings on the end of four of them. Assemble each mast and drill a big enough hole at the top and bottom to feed the crimp lugs through.

Illustration 4: The pipe coupler on a portable EWE

Thanks so much for this, Paul. So that's it in a nutshell. Have a go at making your own EWE. It is not as hard as it looks. As my father used to say - a complicated thing is just a series of simple things put together. You will be impressed by its capabilities. When you have finished it and seen what it can do - let us all know via Mailbag (Chief Ed.)



TV/FM NEWS & DX

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Opotiki FM updates

88.1 The Beat www.mediaindustries.co.nz/the-beat-online.html ex Opotiki's 88.1 FM
91.7 Sea FM 91.7 www.mediaindustries.co.nz/sea-fm-online.html ex Sea 92 FM
(David Ricquish)

Easter Island FM Update

Further to last month's notes on Tahiti FM, Robert Shepherd has provided me with the following report on the FM scene in Easter Island, as he observed during a cruise stopover there in February.

Referring to page 186 in the 2016 WRTH, Robert noted all listed FM stations with the exception of Radio Maria 99.9 MHz which is OFF AIR

A new unlisted FM station Radio Rapanui was observed on 91.7 MHz.

Radio Manukena on 88.9 MHz is the only true local station re program content. The rest of the listed stations relay Chilean network stations in Santiago.

(Bryan Clark)

UCB Asia/Pacific

UCB Asia/Pacific is a division of UCB United Christian Broadcasters International [which grew out of 3XG Christchurch and Rhema Media in NZ]. They have a new project in the Pacific:

- Life FM 90.3 is now on air from Rarotonga in the Cook Islands and a new 300w transmitter is being installed this week
- Laufou o te Talaleilei [Youth for Christ] is now partnered by UCB in Apia, Samoa and is now back on 95.1 whilst a new youth only station is planned for unused 103.1. New transmitter, new tower in the hills behind Apia, refurbished studios, and strong focus on a youth audience and increased PR in Samoa
- Laef FM 98.3 in Wewak, PNG now also has a repeater on 107.5, new studios opened at Kreer Heights, plans to move from just being a local to a nationwide satellite distributed FM network and has new format targeted at youth/young adults 15-30
- Laef FM Solomon Islands has recently been testing in Honiara, where a major new radio station is planned as centre of a new network throughout the Solomon Islands
- Laef FM has been testing on 93.5 from Munda in the Solomon Islands also
- Existing Gud Nius FM 88.3 in Honiara future is unclear [this has been partnered with NZ based Pacific Partners until now, also part of UCB, but leadership of UCB Asia/Pacific is now driven from UCB Australia in Brisbane]
- Laef FM 90.0 Port Vila, Vanuatu is also now a partner of UCB Asia/Pacific and expected to extend coverage
- Discussions have been held in Timor Leste, Fiji and New Caledonia with a view to extending Laef FM partnerships [New Caledonia is a very closed shop and no new stations actually on air have been approved for some time, so this is more looking forward to future arrangements if/when New Caledonia becomes independent and/or local broadcasting arrangements become less controlled like in Tahiti]
- Bougainville ARB part of Papua New Guinea has a local Laef FM planned for Buka and 3 other locations

- UCB Australia now has 600+ AM/FM stations + TV network and works in close association with Rhema Media in New Zealand. UCB is now active in about 20 countries [including a DAB network in UK and a large Christian radio network across Canada].
- UCB Australia has the technical and financial capacity to partner the Laef FM stations unlike Pacific Partners which struggles with its stations in Tonga and whose plans for the Solomon Islands have never got beyond Gud Nius in Honiara which also has faced financial and technical constraints
- The focus for UCB Asia/Pacific currently is Melanesia [with Cook Islands and Samoa seen as places where partnerships were also wanted] but Asia is also in their sights.
- Micronesia is not currently mentioned anywhere but there is room for partnerships as local religious stations struggle with technical issues and financial issues are very fractured among different churches and local personalities within the islands.
- Will UCB Australia someday partner in some manner with SW Reach Beyond Australia [formerly HCJB Ecuador] in WA where UCB has a large network of local AM/FM stations? Supply of contacted programs to each other?

(David Ricquish, WRTH Pacific contributor, Radio Heritage Foundation, www.radioheritage.net)

PRIME, FOUR plus 1 & THE EDGE TV

From 24th May, SKY is combining 3 regional broadcasts for PRIME into 1 national broadcast on satellite.

As part of this change, PRIME, FOUR plus 1 and THE EDGE TV will be transmitted from a new transponder frequency from Tue 24 May.

If you're seeing a message on those channels, please update your satellite device manually by Tue 14 June to keep watching all of those channels;

Once you've successfully updated your device, you'll be able to watch PRIME, FOUR plus 1 and THE EDGE TV again without interruptions, subscription-free!

(Freeview Forum, freeviewforum.co.nz/page/prime-sat-changes)

MediaWorks and NBCUniversal Announce Joint Venture

Mediaworks and NBCUniversal International Networks Announce a Joint Venture in New Zealand to Launch Bravo – a New Free-to-Air TV Channel

- MediaWorks' channel FOUR will transform into Bravo in July
- Bravo Commissions New Local Production, The Real Housewives of Auckland

MediaWorks and NBCUniversal International Networks today announced the formation of a joint venture (JV), which will transform channel FOUR into leading entertainment-lifestyle brand Bravo, in July 2016.

Bravo New Zealand will become the premier destination for premium unscripted programming, focused on the brand's unique passion points of glam, design, food and pop culture. Some of the most popular international franchises will call Bravo home, including: Million Dollar Listing (New York & Los Angeles), Top Chef (Duels, Masters, Just Desserts & All Stars) and The Real Housewives. In addition, popular series Vanderpump Rules, Flipping Out, Southern Charm, Shaws of Sunset and Made in Chelsea will form part of the programming line-up. New series premieres in 2016 include Tour Group, Below Deck: Mediterranean, Après Ski, The Real Housewives of Potomac and The Real Housewives of Dallas.

As part of the announcement, Bravo made the exciting revelation that it has commissioned The Real Housewives of Auckland, the local version of the global smash-hit franchise. For the past five months, NBCUniversal International Studios' production company Matchbox Pictures – responsible for creating the popular The Real Housewives of Melbourne – has been searching for New Zealand's very own group of privileged ladies keen to showcase their fabulous lives to the world. The series will premiere in August 2016, exclusive to Bravo. Bravo New Zealand will be headquartered at MediaWorks' Mount Eden offices.

Mark Weldon, Group Chief Executive Officer, MediaWorks commented: "MediaWorks is thrilled to be entering into a partnership with NBCUniversal International Networks for a

new free- to-air channel in New Zealand. NBCUniversal is one of the most famous of all entertainment brands and a deep, genuine relationship beyond simply purchasing content is of high value to MediaWorks.”

“The Bravo brand has been one of NBCU's breakout successes of the last decade. It has a coveted advertiser audience with highly talk-able, engaging content that plays well on TV, and has substantial catch-up viewing audiences playing well into the binge-watching trends of our time. The fact that this is the first free-to-air partnership globally, and the first new free-to-air channel that NBCU has launched outside of the U.S., makes this an especially ground-breaking relationship.”

“We are delighted to introduce one of the most popular TV brands in the U.S. to New Zealand – and we look forward to partnering with Mark and the MediaWorks team to bring this exciting channel to life,” commented Chris Taylor, MD, New Zealand and Australia, NBCUniversal International Distribution & Networks. “With programming that inspires, informs and entertains, Bravo is a brand that we know will resonate well with New Zealanders – both viewers and advertisers, alike.”

“Asia-Pacific is an important growth region for NBCUniversal International and we are extremely pleased to have the opportunity to invest further in New Zealand,” commented Belinda Menendez, President, NBCUniversal International Distribution & Networks. “Having enjoyed a long-standing, strong relationship with MediaWorks, we are excited to expand our relationship in order to bring Bravo – a premier free-to-air entertainment-lifestyle channel – to the market.”

(MediaWorks, 3 May 2016, www.mediaworks.co.nz/MEDIAWORKS-AND-NBCUNIVERSAL-ANNOUNCE-JOINT-VENTURE/tabid/1602/articleID/4636/Default.aspx)

Major Markets Commercial Radio Audience Measurement

Survey 1 – 2016

Results of the Major Markets 2016 Commercial Radio Audience Measurement Survey 1 conducted by GfK were released today at 1pm.

Department of Statistics estimated population data at 30 June 2015 indicates approximately 3,162,000 people aged 10+ years usually live in the Major Markets survey area used for the Commercial Radio Audience Measurement Survey. Of these, 77.4% listen to a commercial radio station each week.

The Major Markets coverage area includes Auckland, Wellington, Christchurch, Northland, Waikato, Tauranga, Rotorua, Hawkes Bay, Taranaki, Manawatu, Nelson, Dunedin and Southland.

The survey, conducted over 18 weeks and sampling 16,634 people aged 10+ years shows the Edge Network has most commercial station listeners, with 488,100 different people aged 10+ tuning in each week. Newstalk ZB Network has second highest with 398,900 different listeners, followed by More FM Network with 371,100. The Breeze Network has fourth highest commercial cumulative audience of 353,300, and ZM Network is fifth highest with 352,500.

The highest commercial station market share was achieved by Newstalk ZB Network with an 11.8% share of all commercial radio listening. Second highest commercial share is Coast Network with 8.4%, followed by The Sound Network with 7.9%. Fourth equal highest commercial share is The Edge Network and The Rock Network both with 7.5%.

Breakfast results (Mon-Fri 6am-9am) show Newstalk ZB Network with the highest share; 14.8% of commercial radio breakfast listening, followed by More FM Network with a 9.1% share. The Edge Network is third with 7.5% share of commercial radio listening, followed by The Rock Network with 7% and Breeze Network is fifth with 6.7%.

(GfK, 5 May 2016, www.gfk.com/en-nz/insights/press-release/major-markets-commercial-radio-audience-measurement/)

UTILITIES

Editor

Arthur DeMaine

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Winter has finally arrived with some very welcome rain here in Mid-Canterbury. With the cooler temperatures it will be a good time to spend in the shack and catch up with some Utility DXing. Jonathan has been out and about with his radio by the coast instead of up mountains.

FREQ	UTC	DETAILS OF TRANSMISSION
257	0950	Rockhampton QLD NDB (RK) 30/4 JWS
260	0953	Norfolk Island NDB (NF) 30/4 JWS
269	0956	Charleville QLD NDB(CV) 30/4 JWS
326	0959	Esperance WA NDB (ESP) 30/4 JWW
353	1002	Longreach QLD NDB (LRE) 30/4 JWW
371	1005	Hughenden QLD NDB (HUG) 30/4 JWW
377	1008	Roma QLD NDB (ROM) 30/4 JWS
403	1011	Pago Pago, American Samoa NDB (TUT) 30/4 JWS
405	1015	Navakai, Fiji NDB (VK) 30/4 JWS
412	1030	Santo, Vanuatu NDB (SON) 30/4 JWS
3261	0747	Canty Mountain R repeatedly struggling to hear some field sets due to noise Base-fair; Gorge River p-f; Landsborough f; calls ctd until approx 0806. JWW
4149	0710	Northland Radio ID and heard what sounded like a vessel giving position report 24... and 25 minutes. Only just above the noise level at times 11/5 ABD
4149	0710	Northland Radio ID "Northland Radio Zulu Mike Hotel292" gave frequency and transmission times Fair 15/5 ABD
4149	0710	Standing by for calls f-g 20/5 JWW
4417	1922	Bluff Fishermans R ID and then into the weather forecast fair 11/5 ABD
4991	0900	CW in Chinese Id as XV3SU DM
5905	0623	DWD Pinneberg p in GG 21/5 JWW
6617	1957	Rostov volmet, tent., p in RR. 21/5 JWW
8743	1540	Bangkok Radio with weather, also on 3.740 and 6.765 in parallel. DM
8788	0834	Volmet Canadian Waters s/off 0842 DM
8828	0640	Volmet Mid Pacific with "No Reports received. DM
8828	0805	Hawaii, Honolulu volmet weather Fair 9/5 ABD
8867	0310	Request by Jetstar 9?? which runway at Queenstown ? Ak replied please give weather.
8867	0051	Auckland called Fox (Or Foxy) 134 to report position and flight level DM
8867	0106	"V361" called Anyone then Brisbane, nothing more heard. DM
8879	0900	Perth WA ATC to un Id flight DM
8889	1543	Un Id Asian Volmet with weather very faint. DM
8903	0944	Indian Airlines Operations, with special call/Report in Hindi and odd English words, through Malayan ATC. DM
11396	0946	Selcal and male voice acknowledged by Singapore. DM

CONTRIBUTORS

JWW Jonathan Wood	Waianakarua	Low e HF-150 longwire.
JWS Jonathan Wood	Shag Point	Low e HF150 and 65m dipole
DM Dallas McKenzie	Buller	HF :- Icom IC-R70, with long wire N-S (100ft), and 20ft whip (30ft above ground),.. FRG 7700 with long wire E-W (60ft), and, a Degen 1103 (for Stand by). VHF/UHF:-Uniden UBCT8 and Standard VR 120.
ABD Arthur De Maine	Ashburton	AOR 7030+, Icom R-70, 30ft longwire and coaxial loop.

Thanks to Dallas and Jonathan for your continued support to this section.

Arthur

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 23 July 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, 29th June

12.45pm

Beach Babylon Cafe, Oriental Bay, Wellington

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

ADCOM NEWS

Editor Bryan Clark
Mangawhai

email
adcom.news@radiodx.com



REJOINING MEMBER Welcome back to **SAM DELLITT** of Canberra, returning to the League after a number of years. Thanks too Sam, for your donation to the club. Sam has an interest in preserving early radio history online – see this column last month for details.

DAVID RICQUISH Members will be very concerned to learn that long-time member, former DXT Editor and chair of the Radio Heritage Foundation, David suffered a stroke on 7 May. He is now undergoing rehabilitation at Kenepuru Hospital near Porirua. Fellow Wellington member **DENE LYNNEBERG** has kept subscribers to the DX League's DX Dialog Yahoo Group informed of David's situation, and Dene is passing on any messages received for David on regular visits to the hospital. Dene expects David to be 'off-line' for quite some time as he undergoes his rehabilitation. Thanks Dene for keeping members informed, and please pass on our best wishes to David for a steady and full recovery.



At the DX League's 1976 Annual General Meeting, North Otago member **PAUL RAMSAY** together with past and future chief editors of the NZDX Times: **STUART FORSYTH** (2015), **DAVID RICQUISH** (1981-84) and **BRYAN CLARK** (1972-79). Seems that moustaches were part of the DXers' uniform 40 years ago!

WRTH UPDATES The World Radio TV Handbook has released an update of International Radio schedules for the A16 Period, March to October 2016. Go to http://www.wrth.com/_shop/wp-content/uploads/WRTH2016IntRadioSuppl2_A16Schedules.pdf

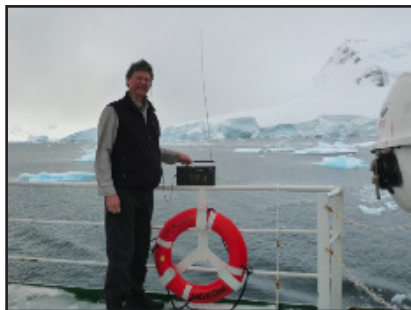
RAMADAN This year the Moslem Holy Month runs from 6 June till 5 July. Watch out for stations in Islamic countries running extended broadcast schedules.

A NEW INTERFERENCE SOURCE? The latest 'Business Update' from Radio Spectrum Management, a business unit of the Ministry of Business, Innovation and Employment (MBIE) responsible for efficiently and effectively managing the radio spectrum, provides guidance to City and District Councils planning to replace existing street lighting with more cost effective LED equivalents. The update highlights that LED lighting can produce severe levels of unwanted RF energy if the circuitry has not been designed to minimise RF energy production. The RF noise created by a series of lights may be cumulative given their proximity to each other.

LED lighting imported into the New Zealand market must be tested and comply with the Australian and New Zealand Standard AS/NZS CISPR 15 Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment, or EN 55015 Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment. Each fitting must be marked with the RCM mark. Councils should

confirm that contracts for the supply of LED lighting contain these requirements. It is a legal requirement to supply and use EMC certified lighting equipment.

ULTIMATE DX LOCATIONS? Last month's magazine featured a broadcast trail by longtime Aussie DXer **ROBERT SHEPHERD**. This month we can share a photo of another DXer well-known to DX League members. **BRIAN DODGSON** and his wife Debra recently travelled to the same part of the world as Robert. It was about -15 degrees C when Brian posed for this photo with the Antarctic backdrop beside his Uniden CR-2021 receiver. He was only able to listen whilst on deck as the ship's steel hull prevented any reception inside the cabin.



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Late Addition for SW Report

European Music Radio scheduled Short Wave Transmissions for 2016:

Relay on 18th of June 2016:

23.00 to 00.00 (Eastern Time) on 7490 KHz - Central & North America via WBCQ.

Relays on 19th of June 2016:

07.00 to 08.00 UTC on 11650 KHz - Southern Europe - Portugal & Spain via KBC.

08.00 to 09.00 UTC on 6045 KHz - Western Europe & UK via KBC.

08.00 to 09.00 UTC on 9485 KHz - Western Europe & UK via MV Baltic Radio.

19.00 to 20.00 UTC on 6070 KHz - Western Europe & UK via Channel 292.

Relay on 15th of October 2016:

17.00 to 18.00 (Eastern Time) on 7490 KHz - Central & North America via WBCQ.

Relays on 16th of October 2016:

07.00 to 08.00 UTC on 11650 KHz - Southern Europe - Portugal & Spain via KBC.

08.00 to 09.00 UTC on 6045 KHz - Western Europe & UK via KBC.

08.00 to 09.00 UTC on 9485 KHz - Western Europe & UK via MV Baltic Radio.

19.00 to 20.00 UTC on 6070 KHz - Western Europe & UK via Channel 292.

Relay on 19th of November 2016:

17.00 to 18.00 (Eastern Time) on 7490 KHz - Central & North America via WBCQ

Relay on 17th of December 2016:

17.00 to 18.00 (Eastern Time) on 7490 KHz - Central & North America via WBCQ.

Relays on 18th of December 2016:

08.00 to 09.00 UTC on 9475 KHz - Southern Europe - Portugal & Spain via KBC.

09.00 to 10.00 UTC on 6045 KHz - Western Europe & UK via KBC.

09.00 to 10.00 UTC on 9485 KHz - Western Europe & UK via MV Baltic Radio.

20.00 to 21.00 UTC on 6070 KHz - Western Europe & UK via Channel 292

website: www.europeanmusicradio.com - with New Recordings from 1977

email: emrshortwave@gmail.com

LADDERS & CONTINENTS



Editor: Sutton Burtenshaw
Hamilton

email
sutts37@gmail.com

MEDIUMWAVE OPEN (Over 500)	A/NZ	Pac	NAm	CAm	SAM	Eur	Af	Asia Cnt	Dec	Jun	Inc		
Ray Crawford	900	127	414	86	111	132	46	569	189	2377	2385	8	
Douglas Johns										1140	1143	3	
Sutton Burtenshaw	438	65	335	43	39	47	3	121	108	1089	1091	2	
David Ricquish	501	93	195	22	6	8	0	46	67	871	871	0	
Stuart Forsyth	473	26	101	14	22	92	1	29	65	751	753	2	
John Campbell										130	644		
Paul Aronsen									50	531	531	0	
SENIOR (301 - 500)													
Peter Grenfell									41	457		0	
Günter Jacob	0	0	7	0	0	361	10	11	59	389	389	0	
Mike Smith	102	31	150	12	11	9	2	23	62		340		
FM-TELEVISION													
Douglas Johns										1095	1117	22	
SHORTWAVE OPEN (Over 500)	A/NZ	Pac	N.Am	C.Am	S.Am	Eur	Af	Asia Cnt	Dec	Jun	Inc		
Ian Cattermole	297	587	652	348	395*	3568	501	1850	209	8121	8198	77	
Günter Jacob	297	365	362	172	202*	1910	546	1576	176	5390	5430	40	
Douglas Johns										3223	3223	0	
Ray Crawford	177	111	186	120	274*	929	282	565	233	2644	2644	0	
John Durham	116	95	223	113	152*	976	250	548	266	2471	2473	2	
John Campbell										264	1729	1730	1
Paul Aronsen										125	806	806	0
Peter Grenfell										141	777	777	0
Stuart Forsyth	52	22	15	16	30*	206	50	169	107	542	560	18	
UTILITIES													
Douglas Johns										3649	3689	40	
Günter Jacob									14	18	18	0	

Another six month passage concluded and very happy to welcome Mike Smith to the Broadcast division. Thanks to all who are helping to keep this page alive. I often get messages from dxers who have not been in a position to increase their totals. One such person is David Ricquish who I understand is in Kenepuru Hospital at this time. We wish you a speedy recovery David.

The results above speak for themselves with Ray Crawford taking out the Mediumwave Open section. There were no increases at Senior level. Most increase in Shortwave Open has gone to Ian Cattermole and there was no entry in the Junior section. Douglas Johns has taken out both FM-Television and Utilities.

Well thats it folks, thanks for your participation, as the saying goes "keep the cards and letters rolling in". Best DX, Sutton.

NEXT LADDERS AND CONTINENTS LISTING: SEPTEMBER!



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, May 8, 2016 -- Bob LaRose has sent along a very nice promotional brochure for Radio Liberty, the American-run station based in Germany and beaming to the Soviet Union. We have posted it under "DX History/Stations"; zoom in to read the details. Accompanying it is a file of "RL" QSLs, located in The CPRV Gallery (look under "Germany"). The station was called Radio Liberation when it was founded in 1953, but the name was changed to Radio Liberty in 1959. It was combined administratively with Radio Free Europe in 1975. Radio Liberty was one of the stations that Mikhail Gorbachev said he listened to when he was being held captive during the Soviet coup attempt of 1991. -- And under "Specialized Resources" we have posted two new "Wavescan" stories from Adrian Peterson: "Australian Shortwave Callsign VLI - Part 1" (Wavescan N375, May 1, 2016), and "The story of a mediumwave radio station that was built so that it could be deliberately destroyed" (Wavescan N375, May 1, 2016). This second story is about KO2XDN, which was set up at a nuclear site in Nevada in 1955 to test the impact of an atomic explosion. With Adrian's story is a link to the station's test announcement (which is included in Adrian's broadcast), and also a link to a KO2XDN QSL.

< www.ontheshortwaves.com > Update, May 15, 2016 -- Colin Miller, VE3CMT, has sent along an interesting story from the pages of the SABC Radio Bulletin of April 3, 1961. It tells the story of an early South African shortwave transmitter atop Broadcast House in Johannesburg. It was set up during World War II to serve as an emergency backup for the wired studio-transmitter link. It was operational from 1940 to 1955, and it operated on 68 metres, which is probably the transmitter shown in the WRTH for 1947 and a couple of subsequent years on 4373 kHz., 68.60 meters, 200 watts. (The article says 400 watts; and FBIS for August 1, 1945 shows a South African transmitter inactive on 4381 kHz.) You can find the story under "DX History/Stations." Thanks, Colin. -- And under "Specialized Resources," look under "Wavescan" for "The Radio Scene on the Largest Tropical Island in the Caribbean: The Cuba Story, Part 1" (Wavescan N376, May 8, 2016).

< www.ontheshortwaves.com > Update, May 22, 2016 -- In "our day" we knew it as the General Overseas Service, or the World Service, but when the BBC regularized its international shortwave broadcasting efforts in 1932, five years after the start of G5SW, it was known as the Empire Service. All programming was in English; foreign-language programs would not follow until 1938 (Arabic, Spanish, Portuguese). Under "DX History/Stations" we have posted a booklet titled "The Empire Service," published by the BBC in 1935. It contains historical, program and technical information about the service at that time. We have also posted an Empire Service time and frequency schedule from December 1935.

< www.ontheshortwaves.com > Update, May 29, 2016 -- This time, under "Specialized Resources/Radio Postcards," we have added four files of station-related postcards from

Africa, specifically: (1) Guinea (three views of the Conakry commercial radio-telegraph station); (2) Mozambique (two views of Radio Clube de Mozambique, including the nearby public gardens); (3) Nigeria (Broadcasting House in Lagos [1955], and the "town signal station" at the Lagos marina; and (4) Senegal (multiple views of the radio-telegraph station in Dakar, and a view [last image] of Senegal IV in Ziguinchor). -- Also under "Specialized Resources," you will find a new Wavescan entry from Adrian Peterson: "Regional Radio in Turkey - 5: A Radio Tour in Modern Turkey" (Wavescan N378, May 22, 2016). Thanks, Adrian. -- On March 27, 2016 we posted under "DX History/Equipment & Advertising" a file containing four articles from several issues of Radio Design (1930-31), house organ of the Pilot Radio & Tube Corp., heralding a series of flights of a company-owned aircraft, "The Pilot Radio," wherein radio played an important part. The second of the four articles was about a Pilot flight to Bermuda. I recently came across a postage stamp about the flight, issued by Bermuda in 1983 as part of a four-stamp set commemorating the bicentenary of the first manned flight (a 1783 balloon flight in France by the Montgolfier brothers). If you want to learn more about the Pilot flight, Google "Pilot flight to Bermuda 1930" and you will find much information, including a nice writeup by our old friend Bob Ballantine, W8SU < www.oldqslcards.com/UNUSUAL_PLACE.pdf> If you have access to The New York Times archive you will also find many articles about the flight under dates of April 1-10, 1930. I have added a scan of the stamp to the file of Radio Design articles (at page 10).

