

	<h1>New Zealand DX Times</h1> <p>Monthly Journal of the New Zealand Radio DX League (est 1948) March 2017 Volume 69 No. 5 http://www.radiodx.com</p> 	
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Welcome to the March edition of the DX Times.

When I was a university student back in the 70s, the university campuses around New Zealand began their own radio stations. Radio B in Auckland, Radio U in Christchurch and Radio Active in Wellington. I am sure there were others, but I can't remember what they were now. I was the QSL officer for Radio U in Christchurch in 1979 and I received reception reports from Bryan Clark, Arthur Cushen and Douglas Johns in particular. We had a special QSL card printed by Tony King too. The Radio U antenna was a hunk of wire dangled vertically from a very large crane for the fortnight or so it was on air. It was great fun.

It was therefore with some sadness that I saw a posting from Bryan Clark on the DX Dialog site advising: 'This week news broke that the company that runs Wellington's pioneering independent radio station Radio Active has gone into liquidation.

A crowded market, advertising dollars drying up, and streaming services - all makes for a challenging environment.'

See here for more information on the station: [https://en.wikipedia.org/wiki/Radio_Active_\(New_Zealand\)](https://en.wikipedia.org/wiki/Radio_Active_(New_Zealand)) and here for the Stuff story: <http://www.stuff.co.nz/entertainment/tv-radio/89338035/days-numbered-for-wellingtons-radio-active>

I hadn't realised it was the first station to legally broadcast on FM.

Those of us who were at the Convention in 1980 at Motu Moana will remember listening to Radio Auckland 1 and Radio Auckland 2 on FM. They were broadcasting illegally from a car travelling around the city, no doubt being pursued by the Post Office Inspectors. The receiver was somebody's car AM/ FM radio. We marvelled at the sound quality. Reports were sent and I have one for each of them - on a prepared card!

It's a shame when stations like Radio Active, not my cup of tea, but local and not networked, are effectively closed out by the big boys.



Deadline for next issue is Wed 29th March 2017. 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 2017**

April Wednesday 29th March

May Wednesday 26th April

June Wednesday 31st May

**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.**



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websites or via Google Images*

CKZU 6160 kHz has gone

It sounds pretty definite that CBU's Shortwave repeater is off the air and will not be returning to the airwaves. Only thing that I can think of that would change that would be the CRTC, as they did, about 10 years ago, when they forced the CBC to abandon a plan that would have eliminated CBU-AM and gone all FM. But that would require some pretty solid numbers on a significant number of people in Canada who could no longer hear the CBC.

via DX League Member Jon Pearkins in Edmonton (with thanks to Bryan Clark).

From SWLing Post (<http://swling.com/blog/2017/02/ckzu-unlikely-to-return-to-shortwave/>)
Bad news re: CKZU 6160 Khz

Basically, it broke and they don't have parts to fix it because it's too old and no parts available. The money required to purchase a new transmitter doesn't make sense because of the low numbers of people who use it (changing world, everything's online, blah blah). Before you say it, yes I know, I know.

Anyway, there is no other way to voice your displeasure than the 1-866-306-4636 audience relations number. If enough people call, they might notice, but I doubt it.

This is sad news indeed for those who enjoyed CKZU. What amazes me, is how a 500 watt shortwave relay covered such a large broadcast footprint in British Columbia and western North America. As Dave mentions above, CKZN St. Johns is still on the air and, perhaps, listeners on the west coast will have a better chance snagging their 1 kW signal now. *(I heard and verified CKZN last Easter from Lake Ellesmere - it was a good signal. Get it while you can! - Chief Ed.)*

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



Thanks first to Stu for handling the column tasks in February while I was being even lazier than usual. I don't know about "flowing prose". The closest to anything flowing around here is the local equivalent of Speights! Judging by a couple of comments to me, the Mailbag <radiodx> address was playing up again. Most of our regulars have my ISP address so please feel free to use that.

Douglas Johns, Christchurch aimed a message at me while I was cruising and snoozing, but missed the February deadline unfortunately. "Been a while since I have been doing much, but we had to go to Wanaka for a wedding at the beginning of January, so I took the time to log those stations not already QSL'd. Altogether logged 13 stations, but so far only eight have come back - which seems to be about average for replies these days. Those who did reply were: Star 87.7, Life FM 105.0, Coast 94.6, Sound 93.8, Trackside 106.8, Radio Wanaka 97.0 and Roy FM 104.2 - all these being Wanaka based, and one other The Edge/Omarama 98.9. Otherwise it's all quiet." (*Summer's supposed to be Busy Season for FM DX. I see that big grass fire got very close to Sugarloaf.*)

Edward Kusalik from Daysland, Alberta sent along a lengthy introduction detailing the highlights of his DXing activities that mirror a lot of familiar long-gone Great Catches from the mid-60's onwards. Please welcome him by taking a look at the full report on <dxdialog> as msg 7277 from 10 February. You'll see reminders of the likes of Reunion 2446 and Comoros 7290. He also provided a list of more recent QSL successes, again with full details in msg 7276. And for this month, he was pleased to receive a colourful card from 'Anglo Parade' via WRMI/9955 by snail mail from Colombia. (*Thanks, Edward. We'll look forward to regular updates. I don't recall Comoros on 7290, but do count their 3331 frequency as my personal best.*)

Ian Cattermole, Blenheim is our regular updater, even if his email efforts get rejected! "Here are the SW veries received during February: WHRI/T8WH 11675; Reach Beyond Australia 11980 & 15590; RDW Sao Tome 9830; R. Habana Cuba 9535 & 13740; and R. Sedoye Bahar via Kostinbrod 7510 kHz. That's all for this time." (*But still good stuff!*)

Bryan Clark, Mangawhai was about to head back to his and Sandra's old stomping ground at submission time. "Trust the latest cruise was a success? DX highlight for February was my first reception in more than a decade of FM stations from the Aussie state of Victoria. Some success on medium wave too - still trying to identify a Spanish religious format on 1440 which I suspect is from Peru. Local Moana AM in Tauranga is off air from time to time, opening up DX opportunities on 1440. Short and sweet - off to Wellington tomorrow so planning to visit David & Jo Ricquish." (*I hope you passed good wishes on to David and Jo from all of us... and you'll report back in April? Yes, the cruise was a success... nobody pulled the bung in the bottom of the boat!*)

Mike Smith, Opunake was also wondering about the trip. "Hope you had a great trip/cruise/adventure! Pretty quiet down here but have managed to spend a little bit of time tuning Peter's SDR with some success. I was surprised (and very pleased) to hear Radio Ukraine International on 1431 on the morning of 19th Feb. A very long time since I've heard anything

from Europe on MW. If I can get a QSL out of them it will be country number 63 on MW. Also managed to log both JOIK and KGUM on 567 at the same time, they were alternately peaking which was very convenient. Nothing new in the QSL department, hopefully will be able to contribute something to Sutton's page next time. You'll be looking forward to spring, but summer has only just arrived in Taranaki, whereas it has been resident over on the east coast for a month or so! Haven't even been for a swim in the Tasman yet. Hopefully I'll have a report on a mini-DXpedition to Pukehina Beach (half way between Tauranga and Whakatane) next month!" *(The day in Auckland wasn't exactly beautiful – overcast though didn't rain – but at 25C was a relief after three days in Sydney in a heatwave... last day was 38C and humid. Ugh. Then I landed back to a snowstorm – been Vancouver's worst winter in decades for multiple dumps of white junk.)*

Jonathan Wood, Mosgiel has been up the coast a bit near the Other Palmerston. "Had a good first trip of the year, up to Shag Point. There's always someone wondering what's going on with the mast and wire - this time a visitor from Seattle who had just seen the 200 seals near the carpark and was wanting to know what direction the yellow-eyed penguins were. Back at Mosgiel, we had a good thunderstorm recently with the biggest intensity of rainfall I've seen here and was glad of my new procedure of (mostly) disconnecting the antenna from the radio when not at home. The ELAD Epic continues; it had been parked for nearly three weeks at the Italian Customs and RF Solutions and ELAD have just managed to extract it off them." And in a second message intended for next month, he added, "Courtesy of the Worldwide DX Club posting on <dxdialog>, I made a special trip home the other day to try and hear the HAARP experimental broadcast. Nothing heard; but the next morning I did manage to get Radio Oeoemerang's one hour annual broadcast, using Media-Broadcast's facilities in Germany. Reception was such that I was only able to tell the gender of the speakers, but did send a recording and received an e-QSL about 2 days later. R Oeoemerang originates from Amrum Island, in the German North Frisian Islands. Media Broadcast's address is <QSL-Shortwave@media-broadcast.com>. They transmit for a number of well-known stations and their schedule is in the section 'From Germany to the World' at <<http://www.media-broadcast.com/en/startpage/services/radio/short-wave-networks/>>. Regards, Jonathan." *(I didn't see the sense in holding onto your extra news. And better you than me typing out that Frisian name. Pity we don't have a member living just south of Taurarunui at Oio!)*

Stu Forsyth in Cyberjaya, Malaysia had to take a little trip to grab his latest prize. "Very little to report, Theo. I am glad you are back and I am glad you are doing your job and I'm not! Anyway, the only verie I have is for R. Nacional da Amazônia 11780 heard via Peter's SDR in December. It arrived by registered post, which necessitated a trip across town during working hours to the post office. The fresh air did me good!" *(Nice to know I'm appreciated, but you do the hog's worth of the work.)*

John Durham, Tauranga appears to be another with the <radiodx> reject syndrome, judging by the header on his mail. "Hope you enjoyed your cruise, quiet couple of months re DX and other activities. The old growler fell down the steps bringing the washing in on New Year's Eve resulting in a broken leg. Have been looking after her since then but is getting mobile again so will be back to normal. QSLs in: 16 Gwendoline St via Bulgaria 9510 kHz; RFA via UAE 13735 kHz; and World Music Radio via Karup Denmark 5815 kHz – 7 kW listed -- follow up report for reception May 2004. Thanks for help from Dene Lynneberg and Stig Nielsen for his effort in verifying after all these years." *(I hope Your Better Half doesn't read the Times... and also thought you were joshing with that '16 Gwendoline' title. That's a new one for me!)*

Günter Jacob from Passau, Germany re-appears after a couple of months' break... I hope that's not because of the <radiodx> business. "It's something very special if you log – in the 62nd year of your listening hobby – a new country on shortwave and get it QSLed: Mr Ze Yar, Director of Broadcasting, verified my detailed report on the reception of Myanmar Radio on

5985 kHz. Very good reception is still possible of Radio New Zealand International on 7355 kHz, and the requested QSL for my report was sent within 4 weeks. As a surprise it was the first to arrive in the New Year, even if I would have preferred my name on it instead of the mentions of receiver and antenna; the frequency schedule B15 was also enclosed. Also welcome were these QSLs: AJ Janitschek sent the 20th Anniversary card for RFA Tinian on 5885 kHz. Shelley Martin sent an e-QSL 'Sugar Glider' from Reach Beyond Australia for the program 'Making Life Better' in Bahasa Indonesia on 9865 kHz." *(Oh nice with Myanmar -- maybe you could put in a good word to chase my report for 955 kHz back on 26 August 1967, another of those 50th anniversaries about to click by!)*

Kelvin Brayshaw, Levin has come up with some year-end stats for his Over-9 column:

JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC

75 76 43 105 103 163* 81 87 74 47 93 70

Number of logs monthly for BW Over 9 MHz for 2016 (NZ Contributors only) * 100 from PP *(I had to go back to see what Phil had done in June... must have been a rainy month in the Winterless North for that marathon.)*

A tremendous turnout to welcome me back! Quickly, my travels this time were a cruise across the South Pacific from Sydney to Valparaiso. I jumped at the opportunity to see Pitcairn as well as celebrate Easter Sunday in January on Isla de Pasqua/Rapa Nui – those two aren't visited frequently by the budget-oriented operators!

The Tecsun 380 came out of hiding on just three occasions. On the two evenings prior to Nuku'alofa at ~0900 UT/10 pm I made a deliberate check to hear what was available from Fiji. It seems 558 as RF1 is the only MW on air, with R. Apna in Auckland ruling the roost on 990 with no interference, and it was definitely them with Apna ID and commercials/phone numbers for mostly southern suburbs of Auckland. Maybe after proving that the new tx works, the FBC are saving 990 for true emergency broadcasts only. Other expected Pacific Islanders were present easily 621, 1017, 1098, and 1440 but I somehow forgot to take note of 540 or 630! Considering how well some in both NZ and West Coast NA have been reporting V7AB, I was surprised how poor a signal they were putting out. Another relatively poor performer was RNZ National on 819 though the co-sited Newstalk ZB on 1008 was booming. Also intriguing (to me anyway) were the thumping signals from all the Hamilton stations compared to Auckland tx's with mostly double the power ratings.

In Nuku'alofa, I nosed around A3Z's compound taking a few photos. A very serious BIG young man came out to see what I was up to, but acted deaf when I suggested I might be allowed to take a look inside... this after explaining why I was interested. It's not easy explaining DXing to a non-hobbyist... you can see eyes glazing over and the mind asking 'Why?!' And in Pago Pago, it was strange to hear the casual "K-H-J" ID's from KKHJ... not what I remember from 930.... while in a local store looking for a T-shirt. I can confirm that R. Polynésie Première isn't on 738. Tahiti had had a major weather event the previous day and overnight into Sunday with flooding, road washouts, land slips, 'electricity cut, water supplies not pumping, and the airport at Papeete closed. That was second story on RNZI Pacific News at 0100 UT with a massive signal on 17675... who needs DRM with that performance? Local authorities wouldn't allow passengers off the ship but it was a miserable day anyway. Mebbe such a situation might cause a re-think to the shutting of 738.

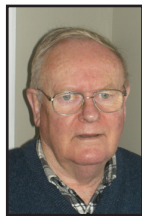
Enough – time for Stu to get busy. 73, Theo

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
3260	0921	PNG R Madang (tent.) m anncr then song. P in Pidgin(?) 18/2 JWS
3325	0919	PNG R Bougainville (tent.) easy listening mx; then at 0920 yl in Tok Pisin 18/2 JWS
4775	1040	PERU R Tarma, p in SS with expressive m and f anncrs speaking over mx. ID via Tarma website. 20/2 JW
4885	0911	BRAZIL Clube do Para (tent.) m spkr, vp in PP 18/2 JWS
4955	1053	PERU R Amauta (tent.) w m anncr and singing; poor in SS? Noise changes signal to very poor. Peruvian flute music and yl anncr at 1100. M anncr at 1105. 20/2 JW
5025	1110	PERU R Quillabamba (tent.) poor with m speaker/s under Rebelde. 20/2 JW
5860	1818	KUWAIT, R.Farda. Good in Persian & mx, svrl IDs, 1830 TS - 6/2 KB
5875	1629	UZBEKISTAN, BBC. Fair in Bengali, s/on, fa/ma // 9540 weaker - 7/2 KB
5875	1800	ARMENIA, BBC. Good in Dari, ID, s/on, fa, piano mx - 6/2 KB
5910	0905	COLOMBIA Alcaravan R (tent.) Easy mx w. piano and other instrms; then faster piano accordion style song w m vocalist at 0907. p in SS 18/2 JWS
5910	1658	OMAN, BBC. Fair/good in Dari; I/S, s/on, ethnic mx, om/yl drama - 7/2 KB
5939.8	0927	BRAZIL Voz Missionaria, p in PP. ID via station's website. 19/2 JW
5940	2000	GERMANY. Radio Dardasha.(BVB) Good in Arabic. 12/2. IC
5960	0415	FRANCE. NHK via ISS. Good in Japanese. 16/2. IC
5995	1528	CHINA, China Radio International Beijing. sports,good in English. 30/1.BC
6000	0645	CUBA. RHC. Good in English. 28/1. IC
6010	0717	BRAZIL Radio Inconfidencia, Belo Horizonte fair in PP w/spoken feature on measured 6010.046 but freq wandered a bit as I listened on 10/2. USB to avoid another 6010 station at weak level. No trace in recent times of their // 19m frequency. BCM
6025	1815	IRAN, VOIRI, fair in German. 8/2BC
6040	0608	ROMANIA Radio Romania International DRM transmission exc w/news in FF14/2. My first decent DRM mode reception! BCM
6040	0748	BRAZIL, RB2. Poor to start in PP, mostly spoken prgm, fair from 0830 - 28/1 KB
6060	0702	CANADA CKZN St Johns NF , w/CBC news, ident as "CBC Radio One". Best on USB to avoid Austria 6155 on 31/1. No trace of CKZU at present. BCM
6080	0855	BRAZIL R Marumby(tent.) Easy listening mx, m vocalist. P-f in PP 18/2 JWS
6090	1807	OMAN, BBC WS fair in English, with news. 11/2.BC.
6100	1722	CHINA, CRI v good in English – BDW 4/2

6110	1550	ETHIOPIA, Radio Fana , yl+guy taking in Amharic. 6/2.BC.
6120	1638	NTH MARIANAS IS , Radio Free Asia good in Chinese with talk // 9455 scratchy & much weaker – CC 4/2
6120	1846	TURKEY, VOT. good in Turkish + songs. 8.2.BC.
6160	1910	CHINA. CRI. Good in German. 28/1. IC
6190	1650	STH AFRICA, BBC fair in English with children singing, scratchy – CC 4/2
6195	1125	SINGAPORE BBC with news and current affairs. Headlines 1130. f in EE 20/2 JW
7235	1833	STH KOREA, KBS fair in Russian – BDW 01/2
7255	0657	NIGERIA V of N (tent.) Annncrs in unid lang (Hausa??) and mx with drums; then silence; At 0700 annct, music,time pip, m&f annncrs prob. in FF; at 0707 10 sec of mx then m annrc. Signal varying from p to f but not good quality. 18/2 JWS
7255	1852	CHINA, CRI good in Russian – KAB 12/2
7265	1806	UK, BBC WS fair in French.29/1.BC.
7275	0914	STH KOREA, KBSW good in Korean with talk // 9570weaker and less clear – CC 2/2
7275	1851	STH KOREA Radio Korea International. fair in English with letter reports.19/1.BC
7280	1611	VIETNAM, Voice of Vietnam fair in English,news.25./1.BC
7285	0455	UNITED KINGDOM BBC Wooferton in AA w/news prgm, fair. At 0459 ident as "Huna al BBC" and closedown. Sonde Grense Afrikaans Service from South Africa opened soon after but at weak level 11/2. BCM
7325	1855	CHINA, CRI fair with comment in Farsi – KAB 12/2
7330	1459	ROMANIA, RRI good in German // 6040 also good – BDW 01/2
7345	0630	ROMANIA. RRI. VG in English. 27/1. IC
7345	0955	RUSSIA R Sakha (tent., under CRI) signal –f under the strong CRI signal. 15/2 JW
7360	1855	GERMANY, Bible Voice fair in Farsi with comment – KAB 12/2
7390	0640	FRANCE. RFI. VG in French. 27/1. IC
7405	1821	CHINA, CRI good in English – BDW 05/2
7405	1855	CHINA, CRI good in English with comment and IDs – KAB 12/2
7435	0630	USA. Radio Marti. Fair in Spanish. 28/1. IC
7435	1857	CHINA, CRI fair in Indonesian with comment – KAB 12/2
7455	1857	CLANDESTINE, Denge Kurdistan gd with comment in Kurdish – KAB 12/2
7505	1524	INDIA, AIR with lively songs in Hindi, ,good. 5/2.BC
7510	1900	MOLDOVA. Radio Sedoye Bahar via TCH. Good in Farsi. 10/2. IC
7560	1900	STH KOREA, KBS7330 good with comment & address in EE – KAB 12/2

OVERSEAS LOGGINGS

All may not be audible in NZ at the times listed

FREQ	UTC	Country, Station, Programme & Reception Details
3955	2151	ENGLAND KBS World Radio – Woofferton, man and woman announcer talking in the French , instrumental music at 2159 followed by a man announcer with ID and closedown announcements. Carrier cut exactly at 2200. Poor to fair. (D'Angelo-PA)26/12/16
4775	0446	SWAZILAND Trans World Radio – Manzini with long religious talk in the German . Closedown announcements and gone quickly. Poor. (D'Angelo-PA)10/
4885	0426	BRAZIL Radio Clube do Para - Belem, program of Brazilian pop vocal selections hosted by man announcer with ID, and Portuguese talks and announcements. Fair. (D'Angelo-PA)13/2

- 4930 0404 BOTSWANA Voice of America, English broadcast with news and news features, IDs. Poor signal. (D'Angelo-PA)11/2
- 4949.8 0312 ANGOLA Radio Nacional de Angola – Luanda, 0312-0343 Feb 16, with talk in Portuguese, IDs and several announcements hosting pop music program. Poor to fair. (D'Angelo-PA)16/2
- 4949.8 0427 ANGOLA Radio Nacional de Angola with talk in the Portuguese followed by IDs and a program of tribal vocals. Fair. (D'Angelo-PA)18/2
- 5011.3 0252 MADAGASCAR Radio Madagasikara – Antananarivo with local music thanks to tip from Dave Valko followed by woman announcer at 0255 with opening in Malagasy. More music but signal quite poor and noisy conditions. (D'Angelo-PA)
- 5040 0024 CUBA Radio Havana Cuba , English program with news. Closed with news summary before returning to Spanish at 0100. Good signal. (D'Angelo-PA)27/12/16
- 5910 0336 COLOMBIA Alcaravan Radio - Puerto Lleras (presumed), with non-stop Latin vocals program. Fair signal. (D'Angelo-PA)17/2
- 5950 0255 ETHIOPIA Voice of Tigray Revolution – Addis Ababa, with IS just above the noise floor into Horn of Africa instrumental music (flutes) before faded but re-tune later and improved signal with apparent news or discussion program in Tigrinya. (D'Angelo-PA)16/2
- 6015 0334 ZANZIBAR Zanzibar Broadcasting Corporation with talk in Swahili with seemingly news at 0400. Poor. (D'Angelo-PA)15/2
- 6020 0436 ROMANIA Radio Romania International – Galbeni, with English program of Romania folk music. Poor to fair. (D'Angelo-PA)7/1
- 6045 0337 SOUTH AFRICA Radio Deutsche Welle , news magazine program in the Swahili. Tribal vocals at 0350 until closedown ID and announcements by a woman announcer. Instrumental music until carrier terminated. Poor to fair. (D'Angelo-PA)11/2

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 facia board.
	(D'Angelo-PA) Richard	D'Angelo Wyomissing, US,	Ten-Tec RX-340, Eton E1, Eton E5, R8B, Lowe HF 150, Alpha Delta sloper, RF Systems mini windom, Datong FL3, JPSANC.
IC	Ian Cattermole	Blenheim	JRC NRD535, ICOM IC-746PRO, Antenna: T2FD, EWE
KB	Kelvin Brayshaw	Levin	2 x PL 660s, whips linked at tips.
KAB	Ken Baird	Wainuiomata	R5000, 45m wire
JWS	Jon Wood	Shag Point	22 & 46m dipoles;
JW	Jon Wood	Mosgjel	19 & 26m coupled dipoles; Lowe HF-150.

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 kenalbertbaird@gmail.com

PLEASE NOTE CHANGE IN EMAIL ADDRESS

BANDWATCH OVER 9MHZ



Editor

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If unsure of ID item should be marked 'tentative'. Please avoid duplicate items appearing in consecutive editions.

Freq UTC Country, Station, Programme, & Reception details

9460	1443	CHINA, CRI. Very good in English - 6/2 BDW
9485	1930	VATICAN. NHK via SMG. Fair in English. 13/2. IC
9540	1430	UZBEKISTAN. FEBC/FEBA. via Tashkent. Good in Hindi. 9/2. IC (FEBC confirmed by AOKI User List 18/2 - Ed)
9580	1330	SRI LANKA. RDW via TRM. Fair in Dari. 7/2. IC
9600	1700	BULGARIA. BVB via Kost. Good in Persian after English IDs. 14/2. IC
9610	2053	ROMANIA, RRI (TIG). Fair in Spanish - 14/2 BC
9610	2130	TURKEY, VOT (EMR). Fair in English, ID, news - 29/1 BC
9630	0731	BRAZIL R.Aparecida, m spkr; no sign of CRI. P in PP 18/2 JWS
9660	2006	VATICAN, Vatican R. Fair in English, ID - 10/2 BC
9725	0733	BRAZIL RB2 (tent.), m singer, relaxed style mx p-f in PP 18/2 JWS
9730	1618	VIETNAM, V.o.Vietnam. Fair in English & pop songs - 16/2 BC
9775	1415	SRI LANKA. FEBA. Good in English Mondays. 6/2. IC
9790	0721	FRANCE, RFI. Good in French; om speaking. // 13695 weaker & scratchy - 6/2 CC
9819	0735	BRAZIL R Nove de Julho (tent), ezl mx with m singer & guitar; at 0737 probable words "de Julho" hrd, thn nxt song. Freq approx; readout is 1kHz. 18/2 JWS
9830	0505	USA. WHRI. Fair in English. 28/1. IC
9910	2105	INDIA, AIR (ALG). Fair in English, news - 11/1 BC
9950	1915	INDIA. AIR. Fair in English. 28/1. IC
11580	2205	USA, WRMI. Fair in English, news & IDs - 11/2 BC
11600	0808	Denge Kurdistan (tent), m spkr, f-g in Kurdish. 18/2 JWS
11625	2045	VATICAN. Vatican R. Fair/good in FF; yl spkg. A little sratchy. // 9660 same - 9/2 CC
11650	0917	THAILAND, VOA. Good in CC; yl & om spkg. // 13710 the same - 2/2 CC
11685	1534	TAIWAN, RTI Good in English & songs. ID - 7/2 BC
11730	0420	UAE. BBC via DHA. Good in Persian. 26/1. IC
11730	1740	TURKEY, VOT (EMR). Good in English, ID, news- 9/2 BC
11764.5	0811	BRAZIL Super R., (tent), m spkr, p in PP 18/2 JWS
11820	2000	SAUDI ARABIA. BSKSA. Good in Arabic. //11915 and 11930kHz. 25/1. IC
11825	1100	SINGAPORE. NHK via Kranji. Good in English. 3/2. IC
11965	1550	ENGLAND, BBC WS. Good in Tamil - 8/2 BC
11970	1600	FRANCE. Radio Xoriyo Ogaden via ISS. Good in Somali. 31/1. IC
11985	1558	IRAN, VOIRI (SIR). News in English, bad audio - 16/2 BC
11995	2020	FRANCE. RFI. Good in French. 25/1. IC

12000 1515 VIETNAM, V.o.Vietnam. Fair in English, news - 26/1 BC
12005 0815 GERMANY R Farda (tent), f vocalist p-f in Farsi 18/2 JWS
12140 0817 KUWAIT R Free Afghanistan (tent), p-f in Pashto 18/2 JWS
13630 1800 BOTSWANA, VOA. Fair/poor in Portugese. fa/om - 27/1 KB
13640 1730 INDIA, AIR. Fair/poor in Arabic, Q'uran, 1745 ma - 8/2 KB
13685 0000 N.MARIANAS, RFA. Poor/weak in Lao after EE ID - 9/2 KB
13695 0330 INDIA, AIR GOS good in Hindi with comment – KAB 17/2
13695 0822 FRANCE RFI (tent), g in FF 18/2 JWS
13710 0430 UZBEKISTAN, BBC. Poor in Persian, 0454 ID; 0520 mx, yl - 25/1 KB
13720 0658 S.ARABIA, R.Saudi Intl. Fair in Somali; s/on, Q'uran, 0713 ma - 7/2 KB
13860 0325 THAILAND, R.Azadi.Gd in Dari; 0330 to Pashto from UAE weak - 31/1 KB
15120 0325 CHINA, CRI very good in Mandarin with comment – KAB 17/2
15145 0800 AUSTRIA, AWR. Fair/poor in French, 0824 ID in EE - 11/2 KB
15145 0830 GERMANY, AWR. Good/fair in Tachelit after EE ID - 11/2 KB
15160 0825 GERMANY AWR (tent), catchy antiphonal song w. men's and women's parts; 0827 FA then brief mx before txn end at 0828 g in Kabyle 18/2 JWS
15185 0320 INDIA, AIR GOS fair in Hindi with singing and comment – KAB 17/2
15215 1601 FRANCE or GERMANY R Oeoemrang (tent), Annual txn with m & f spkrs to 1659; no music. P in pres DD, EE & Frisian. Alert courtesy Worldwide DX Club "Germany" entry. 21/2 JW
15230 0316 CUBA, R Havana good in Spanish with comment – KAB 17/2
15320 0330 TAIWAN, RTI. Poor/fair in English. I/S, ma, trad mx, 0357 strong co-chan - 1/2 KB
15340 0310 MARIANAS IS, Radio Free Asia good with talk in Mandarin – KAB 17/2
15350 0831 TURKEY V of T (tent), m and f spkrs g in TU 18/2 JWS
15380 0832 SAUDI ARABIA BSKSA (tent), Arabic unaccompanied vocalist f in AA 18/2 JWS
15400 1200 SRI LANKA. AWR via TRM. Poor in Scheduled Mon. 27/1. IC
15500 0307 CHINA, CNR-2 good in Chinese with talk – KAB 17/2
15550 0300 CHINA, CRI poor in Chinese with comment – KAB 17/2
15560 0100 PHILIPPINES, FEBC, R. Fair in Javanese; om, mx, rooster - 2/2 KB
15575 0157 S.KOREA, KBS. Poor/fair in Spanish; ma - 2/2 KB
15590 0256 JAPAN, NHK/R Japan good in Japanese with talk – KAB 17/2
15720 2235 NEW ZEALAND, RNZI. Excellent in English with Islands news - 14/2 BC
17820 0250 PHILIPPINES. Radio Pilipinas. Fair in English. 1/2. IC



Azadi Radio

Overseas Contributions (Edited)

- 9650 2332 GUINEA Radio Guinée – Conakry, 2332-0006, nice program of “Musica African” hosted by ma with talks in French..Re-checked at 0026, signals gone. Fair to good - 18/1 RDA
- 9710 2124 FRANCE Radio Algerienne – Issoudun, 2124-2200*, male vocal followed by ma with talks in Arabic; mx, discussion, Segment of instr mx, then om talking until carrier cut. Fair to good - 18/1 RDA
- 9940 1918 SWAZILAND Trans World Radio Africa – Manzini, 1918-1950*, group singing; ma w/long relig talk in listed Lingala. IS between programs at 1934, then prgm in French. Closed 1949 with IS . Poor to fair - 30/12 RDA
- 9955 0453 USA Hobart Radio International – Okeechobee, 0453-0502, ma in English with pirate DX tips for North American and European stations. IDs 0458 & 0459; contact info, female vocals. WRMI ID at 0500then prgm in Spanish Fair - 22/1 RDA
- 17800 1952 SOUTH AFRICA Adventist World Radio – Meyerton, 1952-2007, long relig talk by ma in listed Fulfulde. Brief instr mx between talks; with prgm close at 1959; English ID; then prgm in French. Good signal - 30/12 RDA
- 17895 1617 17895 VATICAN Voice of America – Santa Maria de Galeria, 1617-1640, English service; talk about current situation in Gambia followed by Swaziland. Several IDs and African vocals from 1633. Good signal - 21/1 RDA

Contributors

BC	Brian Carr	Christchurch	R-5000 EWE.
BDW	Brian Webb	Upper Hutt	Degen & Watts portables. 1m whips
CC	Cliff Couch	Paraparaumu	ATS-803A. 30m wire on apartment facia
IC	Ian Cattermole	Blenheim	NRD-535. EWE
JW	Jonathan Wood	Mosgiel	Lowe HF-150; 19+26m coupled dipoles.
JWS	Jonathan Wood	Shag Point	Lowe HF-150. 22 / 46m dipoles
KAB	Ken Baird	Wainuiomata	R-5000. 45m wire
KB	Kelvin Brayshaw	Levin	2 x PL-660s, Whips linked.
RDA	Richard D'Angelo	Wyomissing, PA	RX-340, R-8B, Eton E1, E5, ATS-909X. Alpha Delta DX Sloper, RF Systems Mini Windom, Datong FL3, JPS ANC-4

Your input much appreciated, thank you.

73

Kelvin



ENGLISH IN TIME ORDER

Editor

Yuri (George) Muzyka
Auckland

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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
0250	17820f	Radio Pilipinas	PHILIPPINES	1/2	IC
0330-0357	15320f	RTI	TAIWAN	1/2	KB
0505	9830f	WHRI	USA	28/1	IC
0630	7345g	RRI	ROMANIA	27/1	IC
0645	6000g	RHC	CUBA	28/1	IC
1100	11825g	NHK	JAPAN	3/2	IC
1125-1130	6195f	BBC	UK	20/2	JW
1415	9775g	FEBA	?	6/2	IC
1443	9460g	CRI	CHINA	6/2	BDW
1515	12000f	Voice of Vietnam	VIETNAM	26/1	BC
1528	5995g	China Radio Int	CHINA	30/1	BC
1534	11685g	RTI	TAIWAN	7/2	BC
1558	11985	VOIRI	IRAN	16/2	BC
1611	7280f	Voice of Vietnam	VIETNAM	25/1	BC
1618	9730f	Voice of Vietnam	VIETNAM	16/2	BC
1650	6190f	BBC	UK	4/2	CC
1722	6100g	CRI	CHINA	4/2	BDW
1740	11730g	VOT	TURKEY	9/2	BC
1807	6090f	BBC WS	UK	11/2	BC
1821	7405g	CRI	CHINA	5/2	BDW
1851	7275f	Radio Korea Int	STH KOREA	19/1	BC
1855	7405g	CRI	CHINA	12/2	KAB
1900	7300g:7560g	KBS	STH KOREA	12/2	KAB
1915	9950f	AIR	INDIA	28/1	IC
1930	9485f	NHK	JAPAN	13/2	IC
2006	9660f	Vatican Radio	VATICAN	10/2	BC
2105	9910f	AIR	INDIA	11/1	BC
2130	9610f	VOT	TURKEY	29/1	BC
2205	11580f	WRMI	USA	11/2	BC
2235	15720e	RNZI	NZ	14/2	BC

SHORTWAVE REPORT

Editor

Ian Cattermole

Blenheim

email

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GERMANY(non) Updated B-16 of Bible Voice Broadcasting via Media Broadcast:

0200-0215 on 11790 MDC 125 kW / 050 deg to SoAs English Tue
0200-0230 on 11790 MDC 125 kW / 050 deg to SoAs English Thu/Sat
0200-0300 on 11790 MDC 125 kW / 050 deg to SoAs English Sun
0300-0315 on 7325 NAU 250 kW / 128 deg to N/ME Arabic Dardasha 7
0430-0450 on 5980 NAU 125 kW / 120 deg to N/ME Arabic Dardasha 7 Mon-Fri
0430-0445 on 5980 NAU 125 kW / 120 deg to N/ME Arabic Dardasha 7 Sat/Sun
0445-0515 on 5980 NAU 125 kW / 120 deg to N/ME Arabic Dardasha 7 Sun
0500-0515 on 9450 NAU 250 kW / 120 deg to N/ME Arabic Fri
0600-0615 on 9440 NAU 125 kW / 180 deg to NoAf Arabic Dardasha 7
0800-0830 on 7220 NAU 100 kW / 260 deg to WeEu English Sat/Sun
1200-1230 on 21480 MDC 125 kW / 045 deg to EaAs English Sat
1230-1245 on 21480 MDC 125 kW / 085 deg to SEAs English 1st&3rd Sun
1400-1430 on 17510 ISS 250 kW / 083 deg to SoAs English 1st Sat
1430-1515 on 17510 ISS 250 kW / 083 deg to SoAs English Sat
1530-1545 on 13630 NAU 100 kW / 095 deg to SoAs English Sun
1600-1630 on 11790 NAU 100 kW / 148 deg to EaAf Oromo Sat-Tue
1630-1700 on 11790 NAU 100 kW / 148 deg to EaAf Amharic Mon/Wed/Fri
1630-1700 on 11875 NAU 100 kW / 145 deg to CeAf Nuer
1630-1700 on 11790 NAU 100 kW / 148 deg to EaAf Somali Sat/Sun
1630-1730 on 11790 NAU 100 kW / 148 deg to EaAf Amharic Tue
1630-1800 on 11790 NAU 100 kW / 148 deg to EaAf Amharic Thu
1700-1715 on 11700 SOF 100 kW / 126 deg to N/ME Arabic Dardasha 7
1700-1715 on 11915 NAU 250 kW / 125 deg to N/ME Arabic Sat
1700-1730 on 11790 NAU 100 kW / 148 deg to EaAf Amharic Sat/Sun
1700-1800 on 9600 SOF 100 kW / 090 deg to WeAs Persian
1700-1800 on 11790 NAU 100 kW / 148 deg to EaAf Tigrinya Mon/Wed
1715-1745 on 11700 SOF 100 kW / 126 deg to N/ME Arabic Tue
1715-1800 on 11700 SOF 100 kW / 126 deg to N/ME Arabic Mon/Wed/Fri
1730-1800 on 11790 NAU 100 kW / 148 deg to EaAf Hadiyya Sat/Sun
1800-1815 on 9715 MOS 100 kW / 115 deg to N/ME English Fri
1800-1830 on 7365 NAU 100 kW / 105 deg to WeAs Persian Fri/Sat
1800-1830 on 9715 MOS 100 kW / 115 deg to N/ME English Thu
1800-1900 on 7365 NAU 100 kW / 105 deg to WeAs Persian Thu
1815-1900 on 9715 MOS 100 kW / 115 deg to N/ME Arabic Sun
1830-2000 on 9715 MOS 100 kW / 115 deg to N/ME English Sat
1830-2000 on 6030 NAU 100 kW / 090 deg to EaEu English Sun
1900-2000 on 9715 MOS 100 kW / 115 deg to N/ME English Sun
1915-1930 on 9470 NAU 250 kW / 125 deg to WeAs English Sun
1830-1900 on 7365 NAU 100 kW / 105 deg to WeAs Persian Tue/Sun
1930-2000 on 5930 NAU 250 kW / 155 deg to NoAf English Sun
1930-2015 on 9925 NAU 100 kW / 129 deg to N/ME English Sun
2000-2015 on 5940 NAU 250 kW / 120 deg to N/ME Arabic Dardasha 7
2030-2045 on 9515 NAU 250 kW / 180 deg to NoAf Arabic Dardasha 7

U.K.(non) BBC changes from Feb.1/4

1400-1430 on 7565 TAC 100 kW / 141 deg to SoAs Hindi till Feb.4&cancelled
1400-1430 on 9510 SNG 100 kW / 320 deg to SoAs Hindi till Feb.4&cancelled
1400-1430 on 7600 TAC 100 kW / 141 deg to SoAs Hindi continues on the air
1400-1430 on 11995 SNG 250 kW / 315 deg to SoAs Hindi continues on the air
2000-2200 on 3255 MEY 100 kW / 000 deg to SoAf English Wed/Thu from Feb.1
2000-2200 on 6145 MEY 100 kW / 015 deg to SoAf English Wed/Thu from Feb.1
2000-2200 on 7435 MDC 250 kW / 315 deg to CEAF English Wed/Thu from Feb.1
2000-2200 on 9495 DHA 250 kW / 225 deg to SoAf English Wed/Thu from Feb.1

ZAMBIA Updated schedule of V of Hope Africa, English from Jan 23:

1700-2200 4965 LUS 100 kW 000 deg SoAF Mon-Fri tx#1, new additional
1700-2200 6065 LUS 100 kW 315 deg WeAF Mon-Fri tx#2, new additional
1200-1700 9680 LUS 100 kW 000 deg SoAF Sat/Sun tx#1, unchanged
1200-1700 13680 LUS 100 kW 315 deg WeAF Sat/Sun tx#2, unchanged
0500-0800 9680 LUS 100 kW 000 deg SoAF Mon-Fri tx#1, cancelled
0500-0800 11680 LUS 100 kW 315 deg WeAF Mon-Fri tx#2, cancelled

CANADA [non] Updated B-16 of Bible Voice Broadcasting via Media Broadcast FMO at Cologne, Germany:

0200-0215 11790 MDC 125 kW 050 deg to SoAS English Tue
0200-0230 11790 MDC 125 kW 050 deg to SoAS English Thu/Sat
0200-0300 11790 MDC 125 kW 050 deg to SoAS English Sun
0300-0315 7325 NAU 250 kW 128 deg to NE/ME Arabic Dardasha 7
0430-0450 5980 NAU 125 kW 120 deg to NE/ME Arabic Dardasha 7 Mon-Fri
0430-0445 5980 NAU 125 kW 120 deg to NE/ME Arabic Dardasha 7 Sat/Sun
0445-0515 5980 NAU 125 kW 120 deg to NE/ME Arabic Dardasha 7 Sun
0500-0515 9450 NAU 250 kW 120 deg to NE/ME Arabic Fri
0600-0615 9440 NAU 125 kW 180 deg to NoAF Arabic Dardasha 7
0800-0830 7220 NAU 100 kW 260 deg to WeEUR English Sat/Sun
1200-1230 21480 MDC 125 kW 045 deg to EaAS English Sat
1230-1245 21480 MDC 125 kW 085 deg to SoEaAS English 1st&3rd Sun
1400-1430 17510 ISS 250 kW 083 deg to SoAS English 1st Sat
1430-1515 17510 ISS 250 kW 083 deg to SoAS English Sat
1530-1545 13630 NAU 100 kW 095 deg to SoAS English Sun
1600-1630 11790 NAU 100 kW 148 deg to EaAF Oromo Sat-Tue
1630-1700 11790 NAU 100 kW 148 deg to EaAF Amharic Mon/Wed/Fri
1630-1700 11875 NAU 100 kW 145 deg to CeAF Nuer
1630-1700 11790 NAU 100 kW 148 deg to EaAF Somali Sat/Sun
1630-1730 11790 NAU 100 kW 148 deg to EaAF Amharic Tue
1630-1800 11790 NAU 100 kW 148 deg to EaAF Amharic Thu
1700-1715 11700 SOF 100 kW 126 deg to NE/ME Arabic Dardasha 7
1700-1715 11915 NAU 250 kW 125 deg to NE/ME Arabic Sat
1700-1730 11790 NAU 100 kW 148 deg to EaAF Amharic Sat/Sun
1700-1800 9600 SOF 100 kW 090 deg to WeAS Persian
1700-1800 11790 NAU 100 kW 148 deg to EaAF Tigrinya Mon/Wed
1715-1745 11700 SOF 100 kW 126 deg to NE/ME Arabic Tue
1715-1800 11700 SOF 100 kW 126 deg to NE/ME Arabic Mon/Wed/Fri
1730-1800 11790 NAU 100 kW 148 deg to EaAF Hadiyya Sat/Sun
1800-1815 9715 MOS 100 kW 115 deg to NE/ME English Fri
1800-1830 7365 NAU 100 kW 105 deg to WeAS Persian Fri/Sat
1800-1830 9715 MOS 100 kW 115 deg to NE/ME English Thu
1800-1900 7365 NAU 100 kW 105 deg to WeAS Persian Thu

1815-1900 9715 MOS 100 kW 115 deg to NE/ME Arabic Sun
1830-2000 9715 MOS 100 kW 115 deg to NE/ME English Sat
1830-2000 6030 NAU 100 kW 090 deg to EaEUR English Sun
1900-2000 9715 MOS 100 kW 115 deg to NE/ME English Sun
1915-1930 9470 NAU 250 kW 125 deg to WeAS English Sun
1830-1900 7365 NAU 100 kW 105 deg to WeAS Persian Tue/Sun
1930-2000 5930 NAU 250 kW 155 deg to NoAF English Sun
1930-2015 9925 NAU 100 kW 129 deg to NE/ME English Sun
2000-2015 5940 NAU 250 kW 120 deg to NE/ME Arabic Dardasha 7
2030-2045 9515 NAU 250 kW 180 deg to NoAF Arabic Dardasha 7

Latest Changes to AIR External Services:

0015-0430 Urdu Delete 6145, 11620
0100-0200 Sindhi Delete 5990
0130-0230 Nepali 9800 (B) (ex P)
0315-0415 Hindi 15185(B) (ex P)
0415-0430 Gujarati 15185(B) (ex P)
0430-0530 Hindi 15185(B) (ex P)
1215-1245 Telugu Delete 9810, Add 13695(B)
1215-1315 Burmese 9940 (B) (ex 9950)
1230-1500 Sindhi Delete 6165
1315-1415 Dari 11560 (B) (ex P)
1415-1530 Pushtu 11560 (B) (ex P)
1530-1545 English 11560 (B) (ex P)
1615-1715 Russian DRM 9595(B) ex 11620
1745-1945 English Add 17670(B)
2045-2230 English 9910 (B) (ex A)
2300-2400 Hindi 9910 (B) (ex A)
A=Aligarh. B= Bengaluru. P= Panaji

VATICAN Vatican Radio's English Africa Service would like to inform listeners in Rome, Italy, that the English Africa Service programme broadcast five times daily on Rome's FM 103.8 MHz is moving to a digital platform beginning Wednesday, 15 February 2017. From this date onwards, the English Africa Programme can be heard only through the Vatican Radio World Channel on Digital Audio Broadcasting standard known as DAB or its updated version DAB+, which will require the purchase of a digital radio receiver. However, listeners can continue to listen to the podcast of the daily programme throughout the day by logging on to our website, click on English and then go to the On-demand and Podcast section on the right hand side of the page; click on English for Africa Programme. In recent years, Vatican Radio has experimented with digital transmission technologies, including DAB, which is said to be cheaper and has a better sound quality, according to experts. In Africa, the main outlet for our English Africa programmes will continue to be through the re-transmission of the daily programme by several Catholic radio stations in Africa. Most of these radio stations are owned by various African Catholic dioceses, parishes, religious congregations and some by the Radio Maria network. The times and frequencies of shortwave broadcasts to Africa and the rest of the world remain the same:

0140-0200 on 5940 SMG 250 kW / 086 deg to SoAs English till March 4
0140-0200 on 7410 SMG 250 kW / 090 deg to SoAs English
0140-0200 on 9515 SMG 250 kW / 086 deg to SoAs English from March 5
0300-0320 on 15470 PHT 250 kW / 283 deg to SoAs English
0300-0330 on 7360 MDC 250 kW / 320 deg to CEAF English
0500-0530 on 9660 MDC 250 kW / 250 deg to SoAf English

0630-0700 on 9660 SMG 250 kW / 210 deg to WeAf English
 0630-0700 on 11625 SMG 250 kW / 184 deg to WCAf English
 0730-0745 on 15595 SMG 100 kW / 107 deg to N/ME English Mon-Sat
 0900-1130 on 21550 SMG 250 kW / 145 deg to CeAf English Special events
 1130-1200 on 17590 SMG 100 kW / 112 deg to N/ME English Fri
 1130-1200 on 21560 SMG 100 kW / 113 deg to N/ME English Fri
 1530-1600 on 9510 PUG 250 kW / 285 deg to SoAs English
 1530-1600 on 11695 PHT 250 kW / 283 deg to SoAs English
 1530-1600 on 11940 SMG 125 kW / 090 deg to SoAs English DRM
 1730-1800 on 9660 MDC 250 kW / 258 deg to SoAf English
 1730-1800 on 11625 SMG 250 kW / 148 deg to CEAf English
 1730-1800 on 13765 SMG 250 kW / 184 deg to NWAf English
 2000-2030 on 9660 SMG 250 kW / 210 deg to WeAf English
 2000-2030 on 11625 SMG 250 kW / 184 deg to WCAf English

TAIWAN Latest changes of Radio Taiwan International from Feb.15:

1000-1300 NF 7300 TSH 100 kW / 352 deg to EaAs Chinese, ex 7200
 1200-1300 NF 11985 TSH 100 kW / 352 deg to EaAs Chinese, ex 9545
 1600-1700 NF 9405 PAO 300 kW / 225 deg to SoAs English, ex 6185
 2200-2300 on 6075 KOU 100 kW / 310 deg to EaAs Chinese,x 2230-2330
 2200-2300 on 6105 KOU 100 kW / 310 deg to EaAs Chinese,x 2230-2330
 2200-2300 on 9450 TSH 300 kW / 002 deg to EaAs Chinese,x 2230-2330
 2200-2300 on 9735 PAO 100 kW / 045 deg to JPN Japanese,x 2230-2330
 2200-2300 on 9900 KOU 100 kW / 267 deg to SEAs Chinese,x 2230-2330
 2200-2300 on 11635 PAO 250 kW / 208 deg to SEAs Chinese,x 2230-2330

ARMENIA International Public Radio of Armenia is the Foreign Service of Armenian Radio Yerevan.

Transmitter site: Gavar, near Noratus, Gegharkunik

MW - 1000 kW; SW - 100 kW. see above item odd fq 4809.989 kHz

Time/UTC	Days	Language	Target	Freqs/kHz
1530-1545	Daily	Assyrian	Middle/Near East	4810
1545-1600	Daily	Greek	Middle/Near East	4810
1600-1630	Daily	Kurdish	Middle/Near East	1314 4810
1630-1700	Daily	Yezidi	Middle/Near East	1314 4809.989 Febr 26
1700-1715	Daily	Turkish	Middle/Near East	1314 4810
1715-1730	Mon-Fri	Azeri	Middle/Near East	1314 4810
1715-1730	Sat/Sun	Turkish	Middle/Near East	1314 4810
1730-1745	Daily	Turkish	Middle/Near East	1314 4810
1745-1815	Daily	Persian	Middle/Near East	4810
1815-1845	Daily	Arabic	Middle/Near East	4810

Middle East & Caucasus on Mediumwave and Shortwave published by / British DX Club, UK. (via Anatoly Klepov-RUS, RUSdx #912 via wwdxc BC-DX TopNews Febr 19)



DXissimo

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BRAZIL

4865 kHz R. Verdes Florestas Rel. pgm hosted by M from 1035-1101, nice canned ID w/freqs by M over instru. beat mx, and into ZY Pop song. Decent but modulation always seems a little low. (Via HCDX Valko1Feb.)

CHILE

Radio Triunfal Evangélica heard testing on 21 Feb at 2030UTC. 5825kHz 100watts. (Claudio Galaz via HCDX) Maybe worth a listen in our late afternoons/evenings. Does not appear to be scheduled at this time but you never know. Editor.

FEDERATED STATES OF MICRONESIA

4755 kHz. The Cross. In a EMail from Melinda R Espinosa she states they still have plans to return to shortwave in the future.

"At present we are raising funds for a Solar System to generate power. Power in Pohnpei is not reliable and is very expensive - so we are going for this alternative." (Editor)

INDIA

4835 kHz Now that the ABC has vacated this frequency it may be possible to hear AIR Gangtok. "EIBI" has Gangtok as 1325 -1512. Also listed on 4835kHz is AIR Delhi 1355-1405 and 1512-1530. (Editor) Has been heard and verified in Malaysia (Chief Ed).

PERU

4955 R. Cultural Amauta 1057-1101 somber OA camposina mx, live M anncr briefly, then usual canned ID anmnt by W over "El Condor Pasa". Fair signal. (Via HCDX Valko 1 Feb.)

SAN MARINO

TWO RADIO DAYS THAT SHOOK THE REPUBLIC OF SAN MARINO

Co.Ra.DX (NB a partner of DX Fanzine) has recently obtained an extraordinary document in Italian that dates back to just under 20 years ago (See illustration). It is a San Marino Postal Administration statement, posted on the official website of the government of San Marino, which warned anyone from sending money to the pirate station Radio San Marino International (RSMI) which claimed to broadcast from this tiny enclave inside Italy. RSMI was short lived and the reason was just that official release from the national postal administration of San Marino.

The document says with certainty, that the transmissions were undoubtedly "pirate", since no authorization had ever been granted by the San Marino authorities to any broadcaster. There is no reason to doubt about that assertion. Not the same can be said instead about another statement:

“The broadcasts were never made from the territory of San Marino”. According to the former operators of RSMI – their broadcasts were instead really indeed originating from San Marino. It should be mentioned that the document was posted on 22 December 1997, the day after the second of only two official broadcasts in Italian, English and German, which were aired according to the following schedule: Saturday, December 20, 1997, at 20: 00-24 : 00 UTC on 7580 kHz LSB and Sunday, December 21, 1997, at 04: 00-07: 00 UTC on 7580 kHz LSB; at 0700-1000 on 7440 kHz LSB and 0700-1700 on 11410 kHz USB.

It is quite doubtful that the San Marino authorities have indeed checked that the broadcasts of Radio San Marino International were not originating from the small republic territory. Probably, the true intent of that official statement, which was then actually realized, was to scare the operators of RSMI, which never would have expected a reaction so quick and angry by the San Marino government. The statement in fact not only emphasized the illegality of the broadcasts but warned listeners to refrain from sending money to RSMI. That is really funny : it seems that the San Marino authorities have conjectured that the operators of RSMI were scammers with the aim of extorting money from listeners. In reality, the "money" required by RSMI, was nothing more than the equivalent of a postage stamp for sending a QSL card.

It appears even ridiculous the allegation that the transmissions were radiated "from leased sites in some countries of Central Europe, probably from Germany" . This assertion, probably was based solely on the fact that the mailbox announced on the air was in a city of Germany (Mainz). The release also says that there will be a full investigation. However, it seems the authority of San Marino have come to nothing, except for the sudden cessation of all of Radio San Marino International activities, which was on the air on the shortwave bands of 41 and 25 meters, not only on the dates included in the official statement, but also on 19 October 1997 and 9 November. In fact, after the publication of the statement, of which there is also an English version, the operators of Radio San Marino International, who received about 700 reception reports, not only immediately decided to stop their transmissions but also removed all information about their programs, they have included on a dedicated website. The confirmation of this, is also found on the KIWI Radio Weekly (edition 31 January, 1998), which contained the following message received by Radio San Marino International operators: "Due to excessive reaction of the San Marino government and postal authority, RSMI is forced to stop its broadcasts until further notice". (via Antonello Napolitano. DX Fanzine)



BROADCAST NEWS

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



TONGAN MW UPGRADE APPROVED

EARLY BIRD DXER CATCHES ASIAN AND EUROPEAN DX!

HAWAII KHNU Hilo on **620** and KORL Honolulu on **1180** have been deleted from the FCC database. KHKA Honolulu on **1500** has been granted a Construction Permit for u1 5kw day & night. (NRC DX News)

TONGA The head of the Tonga Broadcasting Commission says a new injection of cash will help the state broadcaster strengthen its signal to the outer islands of the country. The broadcaster is to receive more than US\$91,000 and Nanise Fifita said it will bring great benefits to the people of Tonga. She said Radio Tonga's AM service would be able to be heard reliably throughout the kingdom which is necessary, particularly during cyclone season, and Television Tonga will be able to purchase an analogue transmitter. "It will have a lot of impact positively, [on] the operation of both Radio and Television Tonga. It was a request that we made to the government of Tonga for some assistance because we have some equipment issues. We need to replace some and also source spare parts." You can listen to the full interview on the Dateline Pacific podcast:

<http://www.radionz.co.nz/international/programmes/datelinepacific/audio/201831849/tonga-s-tbc-to-be-heard-and-seen-more-clearly-after-cash-boost>

Among others, the RNZI host underlines how the Radio Tonga AM boost is particularly important now that ABC has stopped their shortwave service, upon which Ms Fifita replies that they are grateful to have RNZI (she pronounced it Renzee) as a fallback coverage should Radio Tonga's transmitter go off air during a natural disaster.

(www.radionz.co.nz/international/pacific-news/323647/tongan-broadcaster-boosted-by-cash-injection via Eike Bierwirth, Germany via Hard Core DX via Paul Rawdon)

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

- 570 WTNB Pinellas Park FL granted STA extension, U4 5kw day, 10kw night.
- 580 WKAQ San Juan PR granted STA with U1 4.5kw day & night.
- 630 KIDD Monterey CA granted STA extension, U1 250 watts nights from KNRV-1240 tower.
- 790 KABC Los Angeles CA granted STA, U1 5kw days, 3.5kw nights from CP site.
- 860 KTRB San Francisco CA granted STA extension, U1 50kw/5kw from day site.
- 910 KECR El Cajon CA granted STA extension, U4 1250/5000, night pattern 24 hours.
- 930 WKY Oklahoma City OK, CP for U1 5kw days, 510 watts at night, is on the air.
- 930 KSDN Aberdeen SD applies to extend STA, U1 with 250 watts at night.
- 940 WIPR San Juan PR granted STA extension, U1 2.5kw day & night.
- 950 WTLN Orlando FL applies to extend STA, U2 12kw/11kw due Cuban QRM.
- 980 KMBZ Kansas City MO granted STA with U1 5kw/1.25kw from CP site.
- 1020 KCKN Roswell NM silent on Jan. 26; transmitter was operating erratically.
- 1040 KURS San Diego CA returned to the air on 18 November.
- 1130 KSDO San Diego CA granted STA extension, U1 2.5kw day & night with longwire at KLSD-1360 site.
- 1210 KGYN Guymon OK granted CP for U7 50kw/10kw (39kw in critical hours).
- 1230 KRUZ Murray UT had call change to KRRF on 17 February.

- 1240 WALO Humacao PR applies to extend STA, U1 with 5kw nights due Dominican Republic QRM.
- 1250 KKDZ Seattle WA applies for U2 5kw/3.6kw, moving night site, will continue to use day power/site from 0300-LSS due to share-time arrangement with KWSU.
- 1350 WWVL New Orleans LA format change from Sports Talk to a Music format.
- 1350 KLHC Bakersfield CA went silent January 29, due car ran into tower.
- 1380 WKDM New York NY with CP for U4 5kw days, 13kw nights is on the air.
- 1380 KKOO Ontario OR granted CP for U1 5kw days, 250 watts at night.
- 1430 KKNL Wasilla AK had call change to KVHZ on 18 January.
- 1440 KMED Medford OR slogan now "News Talk 106.7 FM and 1440".
- 1450 KCTI Gonzales TX granted CP for U1 1kw day & night.
- 1450 KQTE Helendale CA went silent on 1 February after losing transmitter site.
- 1470 KIID Sacramento CA silent since 2 February due attack of the copper thieves and other vandalism.
- 1480 KLVN Pasadena TX change of format to Asian, slogan to "Radio Dabang." (Glenn Hauser OK)
- 1480 KYOS Merced CA granted STA extension, U1 4.3kw days, 250 watts nights.
- 1490 KGBA Heber CA with CP for U1 1kw day & night is on the air.
- 1580 KHEP Tempe AZ – Format to SPT (ex-TBA); slogan & Group to // 1580 The Fanatic; networks to CS/Jr.
- 1580 KQFN Tempe AZ – Our local finally returned to the air on 9 February with new KQFN calls, ex-KHEP. 1627 noted with highlights of past sports events that lasted about a minute each followed by station promo "The Fanatic, your new home for sports is coming." 1629 "KQFN Tempe, Arizona's new home for sports; 1580 The Fanatic. We are all have them, the moment that turns us from fan to fanatic. Those moments live here, the new home for sports in Arizona." Many "The Fanatic" slogans. The new format will begin Monday 13 February. (Nancy Johnston-AZ)
- 1580 KHEP Tempe AZ has CP for U1 50kw days, 95 watts nights from a new site; applies to amend CP to U1 50kw/700 watts.
- 1580 KHEP Tempe AZ used KQFN call letters for only one day (9 February) and returned to KHEP calls on 10 February. Still use "The Fanatic" slogan. Sounds like they are off the air overnight as we can hear them in Mesa only during the day. (Nancy Johnson AZ) [Used to be regular here as KMIK when 50kw at nights. BC]
- 1590 KMIC Houston TX format to SS:REL (ex-Asian); slogan to "Radio Aleluya." (Glenn Hauser OK)
- 1660 KXOL Brigham City UT has been deleted from FCC's Query Database.
- 1700 KKLK Richardson TX, CP to consolidate operations at night site is on the air.



USA (info from IRCA's "DX Monitor bulletin)

- 920 KPSI Palm Springs CA has changed callsign to KKGX
- 1400 KWNA Winnemucca NV slogan is "Pure Gold 1400 and 104.5".
- 1630 WRDW Augusta GA now ESPN Radio Network, slogan "ESPN Augusta 1630".
- 1670 KQMS Redding CA new slogan: "News Talk 1670/105.7".

KINGS OF THE KILOHERTZ

MIKE SMITH, Opunake proves there's DX available for early risers! "Been pretty busy so not much time spent at the radio but...Peter's SDR has been a boon. I've logged on there a couple of times before leaving for work in the morning and had a bit of success. I've sent an

email report to Radio Ukraine International on 1431, and got good recordings of KGUM and JOIK both 567, and JOIR 1260 to sort out. Heading over to Pukehina Beach for a weekend in March so will take a loop and see what the coastal conditions are like on the other side of the island!" [Will try and follow your early morning example Mike! BC]

TONY KING, Greytown writes "thought I'd make a contribution for March although nothing really new. Conditions, like the weather, have been so erratic."

BRYAN CLARK, Mangawhai contributes a few trail items to show that MW DX is a year-round event!

BROADCAST TRAIL – January/February

BCM = Bryan Clark, Mangawhai with WinRadio G33DDC SDR & EWEs to NE, East & SE.

MSR = Mike Smith using Peter Mott's on-line SDR at Russell, Bay of Islands.

TK = Tony King, DXing in Greytown with Tecsun PL380 & Yaesu FRG7, NE EWE & loops.

- 567 1750 JAPAN/GUAM JOIK NHK 1 fighting it out with KGUM "K-57" Guam. Both at good level at times through till 1810 18/2. MSR
- 1030 0739 USA KTWQ Casper WY w/K2radio.com promo, then Coast to Coast AM talkback, mixed others 14/2. News at 0800 f/by local weather. BCM
- 1120 1000 USA KPNW Eugene OR w/ ID and news 20/2. TK
- 1170 0945 USA KFAQ Tulsa OK dominant Talk 20/2. TK
- 1170 1815 SOUTH KOREA HLSR Very strong, KK talk 18/2. MSR
- 1260 0830 JAPAN JOIR Sendai in quite early down the evening grey line, comm-ercial programming, lots of JJ talk, heard several evenings in Feb. MSR
- 1300 0928 MEXICO XEP Ciudad Juarez w/song in PP, later t/chk and ident as "somos 2.34 minutos; escuchar XEP, 1300 AM, Radio Mexicana" fair, all alone 7/2. BCM
- 1420 0900 HAWAII KKEA 0900 'ESPN and ESPN-2' dominant most nights 12/2. TK
- 1431 1800 UKRAINE Radio Ukraine International mix of talk and music in RR. "Govorit ---Ukraine - " on the hour 1800 19/2. MSR
- 1440a 0816 UNID LATIN with SS religious format, native vocals later, suspect Peru 14/2. Frequency measured as 1439.997. BCM
- 1440 0950 JAPAN JOWF Sapporo tentatively the JJ talk through 1EA Canberra in Vietnamese 16/2. No trace of Tauranga or Kiribati! BCM
- 1440a 1005 UNID LATIN w/distorted audio SS newstalk format past 1015 14/2 on 1440.017, BCM
- 1500 0840 USA KHKA Honolulu SS talk 17/2. TK
- 1530 0707 USA WCKY Cincinnati OH w/Brother Stair's "Overcomer" religious prgm over Napier 30/1. BCM
- 1540 0850 USA KMPC 'Radio Korea' San Francisco, mixed KREA HNL 12/2. TK
- 1610 0855 ANGUILLA religious rant mxd with CHHA latin mx 12/2. TK
- 1640 0826 USA KBJA Sandy UT SS talk under KDIA 27/1. TK
- 1660 0900 USA WGIT Puerto Rico ID in EE and b2b religious chorus 27/1. TK
- 1660 0840 USA KBRE Merced CA ID 0840 and Merced Police annct. 28/1. TK
- 1660 0837 USA WCNZ Marco Island FL all alone w/Relevant Radio Catholic talk, fundraising campaign 11/2. Frequency measured at 1659.994. BCM
- 1660 0845 USA KRZI Waco TX w/ ESPN under KBRE 28/1. TK



NORTH AMERICAN X BAND AT-A-GLANCE 03/2017 (thanks to Tony King)

1610	Carib.Beacon Anguilla	ANG	EE religious. Dr Gene Scott /Mrs Scott
	CHHA	Toronto ON	SS 'Radio Voces Latina' Call in SS & EE. Distinctive chimes
	CHRN	Montreal QU	QU South Asian Format. Radio Humsafar
1620	KSMH	West Sacramento	CA Rel. "IHR (Immaculate Heart Radio) Sacramento"
	R Rebelde	(6 Tx sites)	CUBA SS .Distinctive 5 note chime on hour. Sync echo.
	WNRP	Gulf Breeze	FL News/Talk ABC News "News Radio 1620"
	WDND	South Bend	IN Nostalgia "America's Best Music"
	KOZN	Bellevue	NE Fox Sport "The Zone"
	WTAW	College Station	-Bryan TX 'Newstalk 16-20 WTAW' Takes C-to-C AM
	WDHP	St Croix	USVI Nx/talk/gospel/country. Overnight NZT currently b2b mx.
	KYIZ	Renton	WA Urban contemporary //KRIZ " Z Twins"
1630	WRDW	Augusta	GA ABC News, Talk/Sport
	KCJJ	Iowa City	IA News-talk-AC " Mighty 16-30 KCJJ"
	KKGM	Ft Worth/Dallas	TX 'Modern gospel music 1630 KKGM' IRN News
	KRND	Fox Farm	WY SS 'regional mexican' ID "La Grande"
1640	KDIA	Vallejo	CA Talk/religious/life issues
	WTNI	Biloxi	MS Sport. "ESPN AM 1640 The Champ"
	KZLS	Enid	OK News/Talk
	KDZR	Lake Oswego	OR Conservative Talk "Talk 1640"
	KBJA	Sandy	UT SS news/talk EE ID "KBJA AM Super 1640"
	WSJP	Sussex	WI Rel. Catholic. Relevant Radio
1650	KFSW	Fort Smith	AR Contemporary Christian
	KFOX	Torrance	CA Korean/ EE ID on hour
	KBJD	Denver	CO SS Rel. Radio Luz
	KCNZ	Cedar Falls	IA "The Sports Station" 1650 The Fan
	CKZW	Montreal	QU Evangelical Christian in FF x CJRS 06/16
	CINA	Mississauga	ON South Asian format
	KSVE	El Paso	TX SS Sports/Talk ESPN."ESPN Desportes 1650"(850w o/n)
	WHKT	Portsmouth	VA Conservative Talk Radio "1650 The Answer"
1660	KBRE	Merced	CA AOR (Album Oriented Rock) x SS rel. x KTIQ
	WCNZ	Marco Is	FL Relevant Radio
	KWOD	Kansas City	KS Sport/Talk "Bison 1660"
	WQLR	Kalamazoo	MI Fox Sport. "Kalamazoo 1660, The Fan"
	WBCN	Charlotte	NC Conservative Talk . 'America's Pulse 1660'
	KQWB	West Fargo	ND Fox Sports
	WWRU	Jersey City	NJ Korean
	WGIT	Canóvanas	PUR 'Faro de Santidad' SS Religious
	KRZI	Waco	TX 'KRZI ESPN Radio'
1670	KHPY	Moreno Valley	CA SS religious. Sung ID on hr. "KHPY Moreno Valley 1670"
	KQMS	Redding	CA "News Talk 1670 AM" x KNRO
	WMGE	Dry Branch	GA "Fox Sports 1670 Georgia" x WPLA
	CJEU	Gatineau	QU Community/Children's Radio "Radio Oxygène 1670"
	W0ZN	Madison	WI "CBS Sports radio 'The Zone'"
1680	KGED	Fresno	CA ID slogan "The Answer"
	WOKB	Winter Garden	FL Rel. "WOKB Winter Garden-Orlando"
	KRJO	Monroe	LA "Classic Hits 1680" "LA105"
	WPRR	Ada	MI Talk ID " Public Reality Radio"
	WTTM	Lindenwold	NJ World ethnic id "1680 WTTM Lindenwold-Philadelphia"
	KNTS	Seattle	WA SS Religious. EE ID 00:10 after hour. "Radio Luz"
1690	KFSG	Roseville	CA Rel. SS,RR,Hmong EE ID on hr "KFSG Sacramento"
	KDMT	Arvada	CO "1690 KDMT Denver's Money Talk "
	WMLB	Avondale Estates	GA Eclectic mix. "Voice of the Arts" CBS News
	WVON	Berwyn	IL Talk
	WPTX	Lexington Park	MD NOS 'Americas Best Music'
	CHTO	Toronto	ON Multilingual. Greek.
	CJLO	Montreal	QU Campus community - college station
	WIGT	Charlotte Amalie	USVI Religious.
1700	WEUP	Huntsville	AL Urban contemp. Gospel "Hunsville's Heritage Station"
	WJCC	North Miami Beach	FL World Ethnic. 'Radio Mega 1700'
	KBGG	Des Moines	IA Sport " 1700 The Champ"
	XEPE	Tecate BCN MX	MX "ESPN 1700" sports
	WRCR	Ramapo, NY	NY Ethnic "Radio India"
	KKLF	Richardson-Dallas-Ft	Worth TX Tejano/Conjunto SS & EE " Kick 1700"
	KVNS	Brownsville	TX Fox Sports Radio

TV/FM NEWS & DX

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FM DX LOG – February 2017

Bryan Clark, Mangawhai – Sony XDR-F1HD receiver & 7 metre high 5 element yagi aerial on rotator. All dates and times are UTC.

29 January

0504 UTC – ABC News Radio on 100.5 – Batemans Bay NSW, vgd, also 101.9 ABC Classic FM, 103.5 and 105.1 all strong. 107.7 jazz music at 0508 – who? 104.3 2EEE Batemans Bay with Bebo 20 Countdown at 0510. 102.9 patchy signal, 102.5 rock music at 0515 – this is Bega freq for 2EEE, mixing 2MBS Sydney. 100.9 ABC National from Bega. 107.7 advert for Central Coast at 0544. At 0620 ABC Classical on 101.5 over RNZ National – most unusual, 95.1 ABC News Radio = so these are Latrobe Valley Victoria (a long time since my last FM DX from Victoria!!) 99.3 ABC Classic Bega exc at 0624. 89.7 News Radio Bega parallel to 95.1 with political report. 96.7 Triple J Latrobe Valley at 0648. 105.1 “RN” ident 0705. 102.3 ABC Classical at 0706 = Canberra.

31 January

0152 UTC – Oldies format on 87.8 LPFM, maybe Whangarei?

7 February

0524 UTC - 92.2 briefly with pops from More FM Hamilton.
0730 – 105.5 The Rock, Whitianga heard for the first time here.

FM DX – Paul Ormandy

Well, after such a hectic and promising start to the FM season prior to Xmas, I decided to “gear up” and built a 7-el 3-dipole FM Yagi and after trying several FM tuners, settled on a Sony XDR-F1HD from the collection of John Akersten.

So far have veries from all the Aussies I’ve heard, all 4 of them! 3PNN Latrobe Valley 95.1, 2JJJ SW Slopes/East Riverina 90.7, 2ABCRN Manning River 97.1 and 2PNN Grafton 90.7. All verified by Graham Himmelhoch-Mutton, Radio Master Control, Australian Broadcasting Corporation, via e-mail to Himmelhoch-Mutton.Graham@abc.net.au. Graham is a DXer himself so prefers reports in UTC and accompanied by an MP3 recording. Now all we need is the bands to liven up again. The 6m ham band has been pathetic too.

FM Update – Gordon Mathieson

Been in Hawke’s Bay recently, got the following:

NAPIER and HASTINGS FM

87.6 Instrumental FM (Napier)	95.1 The Rock	106.3 Radio Live
87.8 Soundwave FM (Tamatea)	95.9 ZM	106.7 Small FM (Onekawa) // 88.1

88.1 Small FM (Taradale)	96.7 Flava	106.8 Frimley School FM (Hastings), frequent IDs as 'DMD2 Customised Radio made in Switzerland'
88.3 Radio Spice (Hastings)	97.5 The Breeze	106.9 O.C. (usually Taradale Intermediate School)
88.7 More FM	98.3 The Edge	107.1 O.C. (was TLC The Little Country)
89.5 The Hits	99.1 Rhema	107.2 Instrumental FM (Onekawa) // 87.6
90.3 Newstalk ZB	99.9 Hauraki	107.3 3ABN (Hastings)
91.1 Concert	100.7 Bay FM	107.5 3ABN (Greenmeadows)
91.9 The Sound	101.5 National	107.7 Soundwave FM // 87.8
92.7 Magic	103.9 Niu FM	
93.5 Life FM	104.7 Radio Kidnappers	
94.3 Kahungunu	105.5 Mai	

And an update for Paeroa LPFM

88.0 Gold FM

88.3 O.C. (sometimes used as an alternative frequency for Chase FM)

107.1 Paeroa Community Radio

107.3 usual one day broadcast from the annual 'Battle of the Streets' motorcycle races, held on Sunday 19th February 2017, the 26th event.

107.7 Chase FM

Just noticed a minor error in last month's DXT in my Tauranga list, it had Merivale wrongly entered as "Perivale"

Macraes LPFMers

I was at Oceana gold mines at Macraes, high up the hills between Palmerston and Hyde. They have two LPFM stations for their workers, 106.7 The Rock and 107.7 More FM, they can even be heard in Palmerston. Around the mine site itself, there is a strong mixing product on 105.7.

Also up at Macraes, "The Wolf" from Ranfurly was very strong on 104.3 (Paul Ormandy via dxdialog)

More FM News

- 88.7 from The Obelisk (Alexandra) carries The Edge, not More FM, which is on 90.3 from the same site.
- Rhema organization are adding stations in Oamaru on a new site at Cape Wanbrow. The freqs are (TBC) 93.6 and 106.4 but not sure which programming they'll carry. (Paul Ormandy via dxdialog)
- Per the latest Rhema newsletter, the Oamaru stations are:
- Life FM Oamaru 95.2 and Rhema Oamaru 106.4 FM. (Bryan Clark via dxdialog)

Central FM

On a recent trip to the Hawke's Bay I visited Central FM on Ruataniwha Street in Waipukurau. They told me they broadcast on three frequencies – 106.0 in Waipukurau, 105.2 in Takapau, and 99.4 in Dannevirke.

Their website: www.centralfm.co.nz (Adam Claydon)

THREE'S New Identity

At midnight, MediaWorks' iconic Kiwi media brand TV3 will transform into Three. With a new brand and new look it's unlike anything we've done before. Some might call it a re-brand, but we think it's a little bit more than that.

Andrew Szusterman, MediaWorks Chief Content Officer, said: "After nearly 15 years, what we have no longer reflects our channel."

"We need a brand that reflects our strategy of entertaining and informing New Zealanders, one that creates a world where our amazing content feels at home. It needs to be like us, vibrant, playful and inspiring, more than just a number and bigger than the sum of its parts - parts Kiwis know and love like Jono and Ben, 7 Days, Family Feud, The Bachelor NZ, The Block NZ, Westside and Newshub."

"That's why we've created Three," said MediaWorks Chief Marketing Officer Andy Brown. "It's an entire world for our content to live in, one that reflects who and what we are. We're a channel that entertains and informs Kiwis with the best local talent and content."

From midnight our audience will see a whole new visual identity on Three and on our on-demand ThreeNow VOD service, as well as online at the new one-stop-shop ThreeNow.co.nz - a simplified, streamlined website for on-demand programming, TV guides and extra content.

(MediaWorks, 8 February 2017, www.mediaworks.co.nz/THREES-NEW-IDENTITY/tabid/1602/articleID/4691/Default.aspx)

TITUS II SDR Receiver

In a recent edition of the DX Times I included a piece on the Titus II SDR and its unveiling. I recently received an email from Radio NZ's Adrian Sainsbury. In it he included a link to an article on the Titus II. I include the article below. It has been heavily edited. The original article can be found at <http://www.radioworld.com/headlines/0045/pantronx-seeks-complete-sdr-solution/336753>

Unveiled at an international broadcasting meeting in Miami in August, the Titus II SDR is not yet shipping. But it is described as capable of receiving and playing analog and digital radio transmission formats including AM, FM, shortwave, HD Radio, DAB+ and Digital Radio Mondiale. The company is considering adding a DRM+ decoder.

The initial market is among worldwide broadcasters, particularly those serving countries where listeners may lack internet; a secondary market is individual listeners, hobbyists and others. PantronX will not supply all decoders for all formats but add them preloaded as needed.

Looking much like a 1990s' boombox except that the central section is entirely occupied by a touchscreen Android tablet, the Titus II's software-controlled capabilities, ability to receive new transmission formats through software upgrades and proposed price tag of about 90 euros wowed HFCC delegates.

"We have been following this receiver development with great interest based on the fact that it is hand portable, less than \$100 initial cost and utilizes an Android tablet platform, has wide potential reception frequency range of 100 kHz to 2 GHz, and is Bluetooth-capable," said Tom King, president/CEO of manufacturer Kintronic Labs and an interested observer of the international radio marketplace.

"Best yet, the Titus II can be easily updated and improved with time by virtue of software upgrades," he said. That's something that cannot be done with a hardware-based consumer radio receiver.

HARDWARE-DEFINED, SOFTWARE-DEFINED

Up until now, the vast majority of consumer radios have been hardware-based. The physical components that make up their assemblies define what they can and cannot do.

The Titus II SDR breaks this mold, relying on its preloaded or downloaded software to define

what this consumer radio can and cannot receive.

The onboard applications that enable the unit's Android core to receive various radio formats can also let the Titus II operate as "a streaming video player, web browser or just about anything imaginable," Stone said. "For instance, we can use an Android like-OS called Remix that would also allow Titus to become a rather nice desktop computer."

SPECIFICATIONS

A Radio World article detailing the advent of a radio technology requires specifications to be listed, so here they are: Built into a handle-equipped plastic case measuring 11.4 x 6 x 1.8 inches, the Titus II's Android core uses a 1.2 GHz quad-core ARM A53 processor running one of the Android 5+/6+/Remix operating systems (users can choose which they prefer). The Android core has 1 GB RAM and 8 GB flash memory; it is controlled using a 7-inch, 1024 x 600 TFT display with a five-point capacitive touch panel.

The Titus II SDR comes with demodulation software to process and playout AM, FM and digital radio broadcasts. Through a built-in Wi-Fi hotspot, it also has the ability to access open source software libraries for upgrades and new apps, and the web for more content and media files.

Physically, the Titus II outputs 5 watts of stereo audio to its two speakers, and is powered by a rechargeable high-capacity Li-poly battery. The unit is both Wi-Fi and Bluetooth-capable. It has HDMI and USB OTG (on-the-go) output ports and an SD slot for loading in externally-sourced content; it can be fitted with an optional camera.

On the radio side, the Titus II's 100 kHz–2 GHz wideband receiver is highly sensitive yet generates little noise, according to the company. The unit has an internal balanced tuned ferrite antenna for AM (MW)/shortwave reception, a built-in whip antenna for all other bands, and a jack to allow an external antenna to be connected.

POSITIVE REACTIONS

Stone declined to try to predict how many units might be sold; he considers the potential market "huge" and said the company's manufacturing partners could handle as many as 500,000 pieces per month. "Titus has been designed to take advantage of most possibilities, not only as a SDR but also as a piece of hardware." Nor have its methods of distribution been finalized. HFCC, Stone said, is helping PantronX assess the market among broadcasters and other potential customers. "Sales channels will be as unique as the product is."

But though it is not yet shipping, reports of the unit's capabilities, upgradable nature and proposed cost are winning positive responses.

Stone said Titus was designed with an eye on users who lack internet in less-developed parts of the world and who don't have any computing device, and it most likely will be preloaded with presets and apps for their particular needs. The user interface, he said, can be changed to reflect local desires and configured to behave like a "dedicated device" where necessary. As with most consumer technologies, the market will decide whether the Titus II SDR will take off.

James Careless reports on the industry for Radio World from Ottawa, Ontario.



UTILITIES

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Welcome to Kelvin Brayshaw of Levin and Brian Carr of Christchurch to this month's page. Next month I will be out of New Zealand with very little good internet access. Graeme Dixon has kindly stepped in as Guest Editor for this page for the April issue. Contributions by Wednesday 29th of March to Graeme hshack@gmail.com

FREQ UTC Details of transmissions

- 3261 0631 Canterbury Mountain Radio (very good) with wx and call-ins from vicinity of Earnslaw Hut (poor - fair); N Col of Routeburn (poor); Scott Basin (very poor); L. Harris (poor); Mid Caples (fair); and one other (poor). 18/2 JWS
- 4369 0915 LO Mobile with weather, poor. 18/2 JWS
- 5450 0858 RAF volmet, poor. 18/2 JWS
- 5450 0630 RAF Volmet partly readable thru light/modrt QRN. ends 0653 - 19/2 KB
- 5630 0927 AKL to NZ842 adjusts FL to 370 (Roger from NZ 842) - 21/2 KB
- 6224 0439 ZLM Taupo Radio, marine weather forecast. 12/2 BC
- 6547 0845 Shanwick R; almost continuous call-ins from aircraft. Shanwick ranging poor - fair to fair - good and aircraft poor, noisy. 18/2 JWS
- 6604 0841 NY Radio wx observations for Philadelphia, Dulles...poor - fair. 18/2 JWS
- 6604 0700 New York Radio with aviation weather poor to fair 23/2 ABD
- 6679 0620 AKL Volmet with terminal forecasts, ends 0625 - 19/2 KB
- 6754 0810 Trenton Military 0800 wx rpts and Terminal fcasts for SE Canada. Fair 21/2 KB
- 8743 1847 Bangkok Radio Weather in lang then at 1850 music sounded like an Interval signal Male in lang 1858 then IS again. very poor 25/2 ABD
- 8788 0941 WLO standing by for call-ins (none heard; sounded like "KLE standing by..") fair. 18/2 JWS
- 8828 0943 Tokyo volmet (tent.) poor. 18/2 JWS
- 8888 0944 Novosibirsk volmet ending txn; very poor. Same at 1013; poor. 18/2 JWS
- 10051 0741 New York Radio weather observations from Baltimore, Dulles fair. 18/2 JWS
- 10051 0753 Gander R weather observations from St Johns, Halifax, Gander fair.18/2 JWS
- 11253 0757 Military One (RAF) weather reports; fair. 18/2 JWS
- 11297 0758 Rostov volmet; signal strength not recorded. 18/2 JWS
- 11318 1002 Syktyvkar volmet; poor. 18/2 JWS
- 11384 0803 Bravo 3282 to San Francisco; no reply; repeat call 0805 with PR and Selcall check. Aircraft and ground station both poor - fair. 18/2 JWS
- 12365 1535 VMC Charleville meteo weather reports for NSW 12/2 BC
- 13261 0345 NZ 865 to BNE confirming selcal check & freqs Pri 13261 Sec 8867 - 19/2 KB



CONTRIBUTORS

- JWS** Jonathan Wood, Shag Point: Lowe HF-150 and 22m and 46m dipoles.
KB Kelvin Brayshaw, Levin: 2 x PL-660s whips linked.
BC Brian Carr, Christchurch: Kenwood R5000 and EWE.
ABD Arthur De Maine, Leeston: Icom R71E and 50m longwire.

Heard on the **NZRDXL SDR** situated in Northland by Arthur.

- 3485 0809 New York Radio with weather, just readable 25/2
5450 0818 RAF Military One weather just readable 25/2
8743 1900 Bangkok Radio Male in EE "This is Bangkok Radio" gave frequencies and other information about broadcasts good 25/2
8828 0910 Tokyo volmet woman with aviation weather fair 25/2
11253 0835 RAF Military One woman with weather Good 25/2
13282 0840 Tokyo volmet aviation weather fair mixed with what sounded like fax 25/2
13282 0845 Hong Kong Radio ID male with aviation weather reports fair to good signal drowned out fax sound 0850 "Hong Kong volmet out" 25/2

Arthur

BRANCH NEWS

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

WELLINGTON BRANCH

The next Beach Babble will be on **Wednesday, 29th March**, 12.45pm
Beach Babylon Cafe, Oriental Bay, Wellington
join Dene and others to talk about what's what in the world of DX.

DUNEDIN BRANCH

The next meeting will be held on **Saturday, 29th April** 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 and Ian Wells on 021 2987146,
if possible, let them know that you're coming.

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	Mar	Inc	
Ray Crawford	900	127	414	86	111	132	46	569	189	2385	2385	0	
Douglas Johns										1144	1144	0	
Sutton Burtenshaw	442	64	332	43	39	47	3	120	108	1090	1090	0	
David Ricquish	501	93	195	22	6	8	0	46	67	871	871	0	
Stuart Forsyth	472	28	102	14	22	93	1	33	70	761	765	4	
John Campbell										130	644	646	2
Paul Aronsen										50	531	531	0
SENIOR (301 - 500)													
Peter Grenfell										41	457	457	0
Günter Jacob	0	0	7	0	0	361	10	11	59	389	389	0	
Mike Smith	102	31	152	12	12	9	2	23	62	343	343	0	

FM-TELEVISION

Douglas Johns										1123	1132	9
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SHORTWAVE OPEN (Over 500)	A/NZ	Pac	N.Am	C.Am	S.Am	Eur	Af	Asia	Cnt	Dec	Jun	Inc	
Ian Cattermole	306	601	658	351	395*	3592	509	1871	209	8251	8283	32	
Günter Jacob	305	366	365	172	202*	1931	551	1585	176	5465	5477	12	
Douglas Johns										3223	3223	0	
Ray Crawford	177	111	186	120	274*	929	282	565	233	2644	2644	0	
John Durham	116	95	224	113	152*	982	252	551	266	2479	2485	6	
John Campbell										264	1730	1732	2
Paul Aronsen										125	806	806	0
Peter Grenfell										141	777	777	0
Stuart Forsyth	60	25	16	16	31*	211	53	182	111	587	594	7	

UTILITIES

Douglas Johns										36389	36723	334	
Günter Jacob										14	18	18	0

Jeepers, where have all the posties gone? Hopefully, with the local sdr receivers now available to use there may shortly be an influx of veries to whet the appetite for this page, I certainly hope so. I have taken a loop on some of our camping trips but have found just about as many plasma TV's operating at the camping grounds as at home. However I will keep on trying.....Last winter I transferred all my veries to my open source program. Previously I thought I could count, ha ha. No matter all is well now but I had missed a couple or so when manually transferring over and that caused another headache, where to look!

Till next time,

Sutton.

ADCOM NEWS

Editor Arthur DeMaine
Ashburton

email
utilities@radiodx.com



WELCOME to new member Nick Wallace (ZL1IU) of Okaihau Northland. Nick is an active ham, specialising in 2 metres and 80 metres DX.

SPECIAL SDR FOR DX LEAGUE MEMBERS

Now operational - you need to be a subscriber to the DX League's Dxdialog News Group to participate - information on passwords and the SDR status are communicated to members through the News Group. Please contact Paul Ormandy if you aren't already signed up.

Members may wish to report DX either MW, Shortwave or Utility heard on this SDR but when reporting to the DX Times please indicate that you were using the SDR.

WRTH UPDATE

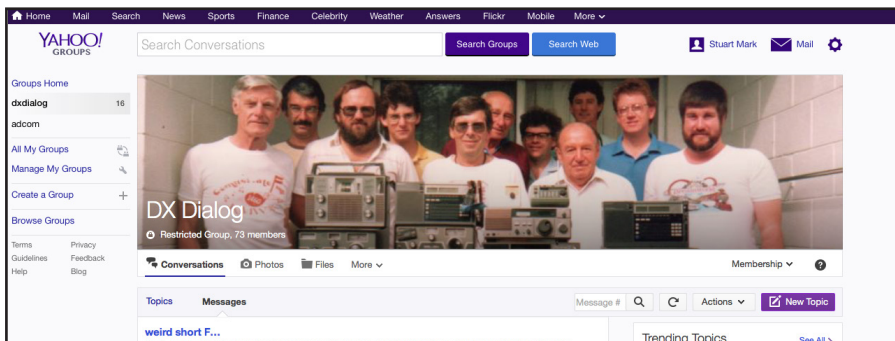
An update to the International Schedules in the 2017 World Radio TV Handbook can be downloaded at http://www.wrth.com/_shop/wpcontent/uploads/WRTH2017IntRadioSuppl1_B16SchedulesUpdate.pdf

DXDIALOG GROUP

Adcom is considering a proposal from the Webmaster to shift this group away from Yahoo and setting it up in Google Groups. Like Yahoo, Google is also a free service. The advantages are a faster more reliable service, ability for members to incorporate images in e-mail messages, messages automatically archived and easily searched, easier to use on mobile devices, better security and much easier to add members to the group.

Yahoo were brought by another company last year and a number of groups are wondering what is to happen with Yahoo groups and are now considering moving their groups to other suppliers.

MEMBERS COMMENTS PLEASE TO DXDIALOG OR EMAIL TO ARTHUR utilities@radiodx.com before the next closing date of the DX Times.





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, January 29, 2017 -- Under "DX History/Stations," we have posted two BBC items from very different eras. One is a picture of the antenna of 5SW, the BBC experimental shortwave station, in 1929. It had come on the air in November 1927 and was located at the Marconi plant. The other is a BBC quarterly folder for the period October-November 1962 containing an hour-by-hour schedule of the General Overseas Service and various other items. Thanks to Bob LaRose for sending this along.

< www.ontheshortwaves.com> Update, February 5, 2017 -- It was a bad week. It looks like Radio Australia, as well as the Northern Territory Shortwave Service (Alice Springs, Katherine, Tennant Creek), are no more. One of the selling points for preserving these services was their ability to provide emergency broadcasting during cyclones. Under "DX History/Recordings" we have posted two examples. The first is a recording of a Shepparton relay of local ABC Brisbane programming during Cyclone Larry in March 2006. The second is a Shepparton relay of ABC Far North programming during Cyclone Monica in April 2006. Both were heard on 6020 kHz. In the case of Monica, a letter to the Cairns office of ABC Far North brought a nice reply with some interesting information, including an ABC Far North folder on tracking cyclones and staying safe. Radio Australia had been providing emergency broadcasting services for many years, as evidenced by a QSL for the Shepparton relay of mediumwave 8DR-Darwin, which had lost its transmitter during Cyclone Tracy, Christmas 1974. The 8DR programming was sent to Shepparton where it was relayed back on shortwave for the benefit of the 30,000 Darwin evacuees and also for the surviving Darwin mediumwave stations, which picked it up and relayed it. The Radio Australia shortwave transmitters in Darwin, which had come on the air in 1968, were also knocked out, and returned to limited service only in 1979. Some 71 people died in Cyclone Tracy. -- And under "Specialized Resources," Adrian Peterson journeys from Indiana to Australia in three new "Wavescan" stories: "Indiana 200th Anniversary: Early Radio Broadcasting Stations in Indiana" (Wavescan N413, January 22, 2017), "Goodbye, Radio Australia" (Wavescan N414, January 29, 2017), and "The Quaint Story of Waltzing Matilda: Australian Anthems" (Wavescan N414, January 29, 2017).

< www.ontheshortwaves.com> Update, February 12, 2017 -- If you haven't heard of the Junior Radio Guild, which functioned during 1928-31, you are not alone. For the full story, look under "DX History/Clubs & Publications."

< www.ontheshortwaves.com> Update, February 18, 2017 -- Look under "DX History/Stations" for some interesting items about Radio Free Europe: several philatelic items from Poland that feature RFE (these are from the post-Soviet years); and a couple of pins from the mid-1950s "Crusade for Freedom" era (the supposed-private organization behind RFE, which was actually funded by the CIA). Newspaperboys were enlisted to solicit donations from customers, and the "newspaperboys" pins must have been part of that effort. -- Under "Specialized Resources," Adrian Peterson offers two new articles: "The Radio Scene in Madras-Chennai - II" (Wavescan N415, February 5, 2017), and "Puerto Rico on Shortwave: The Early Years" (Wavescan N416, February 12, 2017).