

 <p>N.Z. RADIO LEAGUE</p>	<h1>New Zealand DX Times</h1> <p>Monthly Journal of the New Zealand Radio DX League (est 1948) January 2017 Volume 69 No. 3 http://www.radiodx.com</p>	 <p>N.Z. RADIO LEAGUE</p>
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I hope 2017 is a happy and healthy one for you. May the signals flow down your aerial wires in abundance.

Have you renewed your subscription yet?

If you haven't, the renewal form was on the back page of last month's issue. Please renew as soon as possible. Our Treasurer, Bryan, would love to hear from you and anybody else you can encourage to join!

FM DX

The season for FM DXing, as I write, has got off with a hiss and a roar. It has been inspiring and frustrating in turn, to sit here in Malaysia and to read on DX Dialog of what is being heard across the country. I tasted such delights many years ago in Auckland, but nothing like this.

Andy Gardner and Paul Rawdon have been hearing a range of NSW stations from Canterbury. Bryan Clark has heard low powered Aussie FM stations, as well as a lot of others from Canberra and all places in between in an arc to Fiji and Tonga. Phil van de Pavverd says a station on 103.5 was stronger than the local station. Mike Smith heard Aussies from NSW and Queensland in New Plymouth (mind you - you're halfway there, hi!) and Paul Ormandy has been trying to find a radio that has FM on it! Indeed he may have asked - what is FM?

Please have a look at Adam's FM column on page 20.

ABC To Close Shortwave

For more information on this alarming development, please see page 14. In the meantime get those 120 and 60 mb domestic SW stations verified while you can! (ABC NT verifies well, and they verify by email too).

Deadline for next issue is Wed 25th January 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**

February Wednesday 25th January
March Wednesday 22nd February
April Wednesday 29th March

**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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An Apology

I accidentally left out of last month's Times a word from our Patron, Sutton Burtenshaw. It is a little belated, but read his words. I endorse them entirely:

An appreciation to Bryan and Sandy.

On behalf of membership I wish to thank Bryan and Sandy for their hospitality at the time of our Annual General Meeting.

We had our meeting in comfortable surroundings after which we viewed a possible convention site for 2018. Back at Tern Point there was a chance to sample DX. Some of us took the opportunity to stay a day or two longer and looked over the Mangawhai Museum, a project which has been dear to Bryan's heart. *(Very interesting and well presented it is too - Chief Ed.)*

Bryan and Sandy, your enthusiasm for our DX hobby and the camaraderie that goes with it is very much appreciated.....Thank you, Sutton and Kaye Burtenshaw.

Now that Bryan is no longer National President, I (Chief Ed.) would add a thank you to Sandy too for the huge (and I do mean huge) support she has given Bryan over all the nearly 40 years I have known her. She talks about Bryan's 'funny friends' and as a 'funny friend' I am delighted to consider her one of my 'funny friends' too. DXing is a selfish hobby and one's partners can sometimes rightly demand more of your time and attention. Sandy and Bryan have a great balance and a wonderful relationship. She has supported and encouraged Bryan every step of the way. In so doing she has made many wonderful 'funny friends' as well. Thank you for sharing Bryan with us.

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

They can be found at

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

MAILBAG

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Happy New Year! Here's to a fresh start, maybe with some new toys from Christmas to try during the rest of the holidays, and summer weather (well, for most) to enjoy.

John Durham, Tauranga deserves first place this month as mysteriously two of his contributions to the <radiodx> address during late 2016 went AWOL so we have to catch up, first with this at the end of September. "Hope these notes make it in time, the months seem to go so quickly as you get older. Veries to come in since the end of July: Das Medianmag via Rhodorf 6070; SM Radio Int. via Armenia 11845; R. Mi Amigo via Armenia 11850; Atlantic 2000 via WINB 9265; Voice of Hope, Zambia 9680; World Voice, Madagascar 9480; and using SDR Twente, Radio Caroline North 1368 via Manx Radio." Then in late November, John tried again: "Above are some notes sent at end of September; don't know what happened to them, might even turn up in Wiki leaks! A couple more QSLs in since then: EMR via Nauen 11650; and IBC via Rhodorf 6070 kHz. All the best for Xmas and the New Year." *(John, I'll accept your wishes for all of us. That's rather weird for two messages to head out into the electronic ether; even one is too many.)*

Ian Cattermole, Blenheim is our resident rock with no reported missing QSL lists, and early as well. "Thought I had better get this to you as Xmas rush is now very much upon us here. Got a bit behind most things with the latest earthquake etc. but no aftershocks of any significance for the past few days now and have cleared up all broken items. We were fortunate here with no structural damage to our home. Anyway enough of that, here are my SW veries received during December: Reach Beyond Australia 11865 & 9645; KTWR 7510, 11965, 11995; 11750; AWR Issoudun 11750; AIR 9865; Radio Ranginkaman, Kishinev-Grigoriopol 7580; Madagascar World Voice 11825; and RFA Tinian 9315, 5885, & 17675 kHz. There they are for this year." *(I forgot to get your updated 'total'?)*

Jonathan Wood, Mosgiel had the new toy mentioned last month on hand in time for the holidays. "Hello Theo; I managed a couple of trips this month; one to Shag Point where I was grateful to dodge squalls, and one to a previously used spot on Allanton Scroggs Hill Rd only 15min away from Mosgiel. The farmer came to investigate the odd-looking activity so I will call him next time to save any concern! The replacement ELAD DUOR arrived just before Christmas and is up and running; concerningly, both times the parcels have arrived from Australia, NZ Post has not transferred the 'signature required' status from Auspost, and the second time the parcel was left on the doorstep in view of the street. The plan is to test it against the Lowe at some stage soon but it doesn't have the cross modulation issues that the Lowe has in the lower frequencies and has a greater range of filters and other adjustable devices. It's simply being used as a stand-alone receiver at the moment. The month's highlight was EMR's 40th Anniversary Transmission which came in very well, especially since I was listening from home - I'd more or less written off home as a place capable of receiving anything interesting! Another highlight was Tom Taylor's communicativeness and promptness in responding to my reception report. Hope you've had an enjoyable Christmas

season and that 2017 brings some good radio waves to all our various locations!" (*Ouch seems to be the special word for you; gee, first the price, then the problem after a few minutes, and now a receiver worth that much on the doorstep. Mosgielers/Mosgielites must be trustworthy.*)

Bryan Clark, Mangawhai has changed his tune from interesting to busy! "I've had a busy DX month with FM DX activity on 17 days - much more activity than past seasons. Best day so far was 21 December when a number of LPFM operations from NSW were positively identified and a new Tongan tentatively identified. Have also been monitoring low-powered German shortwave operations on 5920, 6070 and 6150 again as the grey-line between Germany and NZ has been optimal. Reports away to WTNI 1640, Europa 24 on 6150, and ABC Classic FM 102.3 and ABC NewsRadio 103.9 - both from Canberra." (*I enjoy your and others' chatter about e-skip FM. Craig Seager's long list of logs from Bathurst, NSW in December's Aussie DX News made for great reading. I remember back too many years ago when conditions caused the local TV society's translator from Mount Ngongotaha to show Rotorua viewers ABC programming on several evenings. I think that pre-dated the Mount Te Aroha high-power so the translator would normally have pulled in AKTV-2 - when was the last time we saw that call used - from Waiatarua but instead got swamped by ABCN in Orange, NSW on AU Ch. 1.*)

Stu Forsyth in Cyberjaya, Malaysia has been on school break with plenty of time to fill our space. "Using Peter Mott's SDR I have logged: Alcaraván R. 5910, R. Bandeirantes 11925 (excellent signal), KKOH 780, Helliniki Radiophonia 9420 (a superb signal at 0600), Radio RB2 9725, R. Nacional da Brasil 11780. At home I have logged RFA 1503, 11850 and 13735. Veries have come in from Alcaraván Radio 5910 (v/s Rafael Rodriguez - rafaelcoldx@yahoo.com), KKOH (v/s Dan Mason, PD - dan.mason@cumulus.com), Helliniki Radiophonia 9420 (v/s Dr Dimitris Gazidellis, Director of Network Development & Operations ERT SA, dgazidellis@ert.gr), and RFA 1503, 11850 & 13735. The home loggings were done on my SDR. However, I won't be using it too much because it is actually very noisy - much more so than my AOR. I am quite disappointed. At first I thought it may be the laptop I bought, but my laptop sensitive AOR isn't affected by it. Neither is my equally laptop hating Etón E1 now that I can successfully couple it to my EWE. I am wondering whether it is my power pack. Paul Ormandy sent me over an alternative power pack, which doesn't seem to work on the SDR. So, I don't know what the answer is, nor where I can get a compatible power pack. As I type this I am listening to RNZI on 17675. It is a poor signal on the AOR 7030+; it is completely lost in a sea of noise on the WinRadio 313-G, and somewhere in between on the Etón. It is very frustrating as the best DX for MW in the region is from 1700 UTC, around 1 am here. I wanted to be able to set it recording on a certain frequency and then play with the settings etc. to see what I can hear. That is now not possible. Ah well, I hope a solution presents itself in the new year!! Happy New Year." (*Well, not being a technical type, you have my sympathy but no ability to suggest a solution. Any other users of your specific SDR of any help? I am impressed with that response from Alcaraván. I don't recall ever seeing one reported before.*) PS Problem now solved - SDR hooked up to battery!! (Chief Ed)

And back to John Durham's predicament: I appreciate everyone's news, so if you notice your effort doesn't get acknowledged, please feel free to grumble! As some know, the <radiodx> reflector occasionally has burps but any time I've been aware of problems, just as mysteriously I've received all the bouncing messages. It could be my ISP has been too severe in judging what could be spam although I've not heard from others/non-DX correspondents about being ignored.

73, Theo

Special News

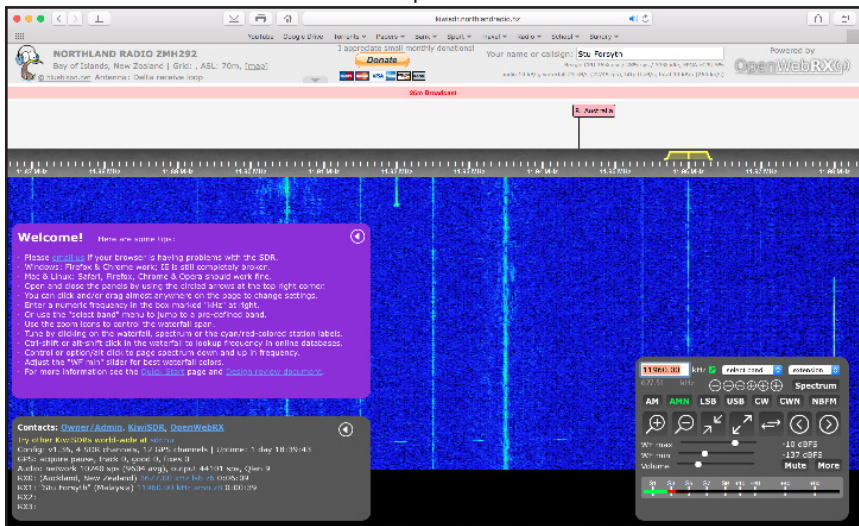
There are a couple of items of important news I thought I (Chief Ed.) would put here for members to have a look at.

As reported in last month's DX Times, Peter Mott has been running a **Kiwi SDR** from his home base in Northland for the use of DX League members.

Peter reports that the trial period is now over and he has opened the receiver to the world at large. I can recommend, only in the most glowing terms, this radio and this project. From this receiver, I have logged on Mediumwave 6 Hawaiian stations, 2 Alaskans and the Marshall Islands. On Shortwave I have logged 5 Brazilians. In addition I have heard MW out of the east coast of the USA, and Alberta, Canada. On Shortwave I have heard Africans, which I really struggle to do from here in Malaysia. It has reinvigorated my interest in DXing.

Peter furthermore says: "I am reliably informed by the developer of the KiwiSDR, that the Bay of Islands SDR noise and performance is in the top two of all all SDRs published above."

The 'above' was a link to the SDR sites - <http://sdr.hu>



The interface of Peter's SDR site - <http://kiwisdr.northlandradio.nz>

Shortwave Test Transmission

Thanks to an email from TWR India via Mike Sabin and then Ray Crawford, we learn that there will be a DRM test transmission from KTWR Guam. The details are:

Date	9 – 13 January 2017	Time UTC	1445 – 1515
Freq	9910 KHz	Power	90 kW
Mode	B 64 QAM	Azimuth	290
Target	South Asia (Ciraf 41)	Dates	9-13 January 2017

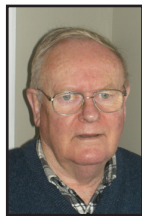
Mail reports to KTWRDRM@twr.org

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
2325	1050	AUSTRALIA ABC same prg as 2485. f in EE JWS 3/12
2485	1049	AUSTRALIA ABC mellow contemp. folk mx, f singer with guitar f in EE JWS 3/12
2850	1047	N KOREA KCBS Pyongyang; tent. string instrument mx; f in KK. JWS 3/12
3260	0934	PNG R Madang, tent., on lsb to avoid interf frm data txn. f in PNG JWA 26/12
3480	1703	STH.KOREA, V.o.The People. Fair in KK // 4450,4457,6600 all poor - KB 10/12
4800	1026	CHINA, CNR1. Good in Chinese // 4750 Poor - KB 18/12
4865	1038	BRAZIL R Verdes Florestas, tent.; p in PP. Mellow vocal music. JWS 3/12
4870	0927	INDONESIA RRI Wamena tent.; p in INS; m singers JWA 26/12
4885	0922	BRAZIL Clube do Para, tent.; p in PP w enthusiastic m spkr JWA 26/12
4920	1640	INDIA, AIR Chennai, Poor in mx until 1728 then yl & om EE & Hindi // 4810, 5010 both weaker - KB 17/12
4940	0950	CHINA, V.o. The Strait (tentative). Very good in Chinese - KB 18/12
4955	1026	PERU R Cultura Amauta, tent.; p in SS/Q. "I'm dreaming of a white Christmas" JWS 3/12
5020	0921	SOLOMON ISLANDS SIBC g in EE w Derek Prince talk JWA 26/12
5020	0958	SOLOMON ISLS. SIBC. Fair in Tok Pisin & EE, advts, nx, mx - KB 18/12
5895	1546	UZBEKISTAN, BBC in English with ID and sports - 23-12-16. BC
5900	1200	TAIWAN. RTI. Poor in Chinese. 11/12. IC
5965	1634	TURKEY, TRT v good in Azerbaijan – BDW 10/12
5995	16900	ROMANIA, RRI good in Ukranian – BDW 3/12
6040	1500	ROMANIA, RRI good in German // 7330 good – BDW 3/12
6045	0901	GERMANY EMR 40th Anniversary txn, f in EE (also at 0922) JW 18/12
6050	0720	LIBERIA ELWA Monrovia w/Christmas carols 23/12 and 24/12. Poor signal – soon after local sunrise, almost greyline Liberia to NZL! BCM
6070	0710	GERMANY Swedish DX Federation, via Channel 292, making mention of (amongst other broadcasters) RA and RNZI; email address given at 0717. f, in GG. JWA 26/12
6070	0822	GERMANY Radio Waves International w id at 0833, via Channel 292 JW 24/12
6080	0907	BRAZIL R Marumby, tent.; p in PP w easy listening mx JWA 26/12
6095	1411	GERMANY Mighty KBC w id at 1513 p-f in EE JW 24/12
6110	1600	JAPAN Shiokaze "Sea Breeze" weekly EE broadcast about Japanese abducted to North Korea, piano theme & ident. Good strength but found

EE difficult to understand due accents of speakers 2/12. Prgm repeated at 1630. Thursdays only. BCM

6115 0745 JAPAN. R.Nikkei 2. Good in Japanese. 2/12. IC

6120 0915 BRAZIL, Super Radio Deus Canor. soccer match in PP. (tent.),22/12 BC

6150 0740 GERMANY Europa 24, low-powered tx, poor-fair w/greyline enhancement until KBS World Radio opens strongly on 6155 at 0800 25/12. No signal on subsequent nights. BCM

6155 0701 AUSTRIA R Oesterreich, tent.; g in GG with possibly news; abrupt end 0710. JW 24/12

6180 0906 BRAZIL R Nacional da Amazonia, tent.; f in PP w m and f anncrs JWA 26/12

6185 0555 MEXICO Radio Educacion Mexico DF fair w/SS talks & eclectic mx. Ident w/KEEP call sign at 0559:30 and music continued past 0602 7/12. BCM

6185 1600 TAIWAN. RTI. Poor in English. 12/12. IC

6195 1055 SINGAPORE BBC f in EE with some noise but listenable JW 26/12

6924.2 0743 USA Captain Morgan vp in EE; audio last hrd 0807. (f estimated) JWS 3/12

6938a 0800 US HOBBY PIRATE Channel Z hrd weakly on 6937.66 thru OTH pulses. Followed till 0830 3/12. Captain Morgan Shortwave also hrd w/poor audio on 6924.16 till off at 0809. Thanks to Jonathan for organizing! BCM

7120 1602 SOMALIA, Radio Hargaysa with chants, singing, talking in Somali, 15/12. BC

7145 1652 ERITREA. VOBME Asmara. chants singing, flute + drums 8/12 BC

7175 1726 ERITREA, VOBME Asmara with chants, singing 14/12 BC

7195 1500 N. MARIANAS. RFA. Fair in Korean after English IDs. 19/12. IC

7220 0612 FRANCE, ISS AWR good in French – BDW 11/12

7250 0757 VATICAN, R Vatican fair in Arabic with talk, a little scratchy // 9645 5the same – CC 7/12

7255a 0816 NIGERIA Voice of Nigeria poor-fair w/EE news reports 17/12. Freq measured at 7254.924. Better sig at 0620 in Swahili, FF from 0700. BCM

7275 1014 S KOREA, KBSWR fair in Korean with choir, some surging //9570similar but weaker – CC 4/12

7275 0706 S KOREA, KBSWR good in JJ with talk // 6155 little noisy – CC 7/12

7290` 1910 BULGARIA. IRRS via KOST. Good in English. 2/12. IC

7295 1500 TURKEY, TRT fair in Arabic – BDW 13/12

7315 0331 GERMANY, AWR good in Tigrinya (?) -12/12BDW

7345 0636 ROMANIA, RRI with ID and English news, good. - 10-12-16. BC

7345 0820 ROMANIA, RR good in English – BDW4/12

7355 0810 ALASKA. KNLS. Good in Chinese. 26/11. IC

7355 0955 ALASKA KNLS, tent., p in M with Jingle Bells in EE. JW 22/12

7375 1638 ROMANIA, RRI excellent in Romanian//9790 also excellent – BDW 3/12

7400 0450 MOLDOVA. Denge Kurdistane. Fair in Kurdish. N/F. 18/12. IC

7455 2000 MOLDOVA. Denge Kurdistane. Poor in Kurdish. N/F. 18/12. IC

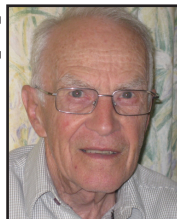
7510 1345 GUAM. KTWR. Poor in Korean. 16/12. IC

7580 0730 N.KOREA.VOK. Good in Japanese. 2/12. IC

7580 0735 N KOREA, V of Korea fair in Japanese with scratchy talk // 9650 the same – CC 7/12

7580 1700 MOLDOVA. Radio Ranginkaman via KCH. Good in Persian. 5/12. IC

BANDWATCH OVER 9MHZ



Editor

Kelvin Brayshaw
Levin

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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
9355	1700	KUWAIT, VOA Deewa R. Fair/Good in Pashto & Xmas songs; // 7495 weaker - 25/12 KB
9410	0200	TURKEY, TRT. Poor in Spanish // 9650 fair - 10/12 BDW
9420	0604	GREECE Helliniki Radiophonia. Excellent with prgm of Greek music and talk (presumably with the singer). It was a live recording - lots of audience interaction. 17/12 SMFR
9540.5	0325	OMAN Radio Sultanate of Oman off freq w/AA news, good level. At 0330 changed to EE news but audio level much subdued. Music variety from 0334 and closed abruptly 0359:30 13/12. Very poor reception on subsequent days checked and when rechecked 28/12 freq back on nominal 9540. BCM
9545	0400	SOLOMON ISLS, SIBC. Fair in English, 'govt taking on water' - 9/12 BC
9545	0700	SOLOMON ISLANDS SIBC running late, announcing freqs as 1035 and 5020 in 'Radio Hapi Isles' ident in EE, fair 5/12. Usually closes 0500. BCM
9570	0832	S.KOREA, KBS World R. End of Korean folk tale & of "Seoul Calling" prg JWA 26/12
9580	0936	AUSTRALIA, R Australia g in EE JWS 3/12
9590	0825	BURMA, Thazin R, tent.; p in Shan (?); f singer then fa JWA 26/12
9595	1624	TURKEY, TRT. Fair in Dari-Pashto - 14/12 BDW
9610	1630	ROMANIA, RRI. Very good in Arabic - 3/12 BDW
9630	0725	BRAZIL, R.Aparecida, Poor in PP & mx, 0754 Silent Night; // 9725 same - 25/12 KB
9700	0540	TURKEY, TRT. Excellent in Turkish // 11660 fair - 10/12 BDW
9725	0621	BRAZIL R RB2 - very good with religious prgm in PP. Lots of Ave Marias. 17/12 SMFR
9740	1054	SINGAPORE/ THAILAND, BBC. g signal but data txn close by; ref to George Michael's death. BBC on 11895 and 15285 both suffering from strong data txns - this the best f. JW 26/12
9765	1709	GERMANY, R.Japan. Mostly fr in JJ; ma w/prgm of trad JJ songs-26/12 KB
9820	0650	BRAZIL Radio 9 de Julho. Very good with religious service. Reading from Psalm 22 and lots of Allelujajs. Commercials at 0657 and id shortly after. 17/12 SMFR
9830	1600	GERMANY, AWR via NAU. Good in Bulgarian - 10/12 BDW
9835	1122	MALAYSIA, RTM. Sarawak FM "Wai FM" & various other " - FM" names read out; p-f in (?) Kajang JW 21/12
9900	1920	SWAZILAND Trans World Radio, Manzini w/talk in African dialect (Lingala listed). At 1935 interval signal and s/on in FF. Initially fair but suffering from

Over the Horizon (OTH) radar bursts 16/12, BCM

9975 0848 GERMANY, EMR 40th Anniversary txn g in EE JW 18/12

11560 0250 INDIA, AIR (PAN). Fair, om talking in Dagri, songs - 8/12 BC

11600 1102 TAIWAN, RTI with news; f-g in EE; JW 21/12

11610 1059 N.Z, RNZI. A treat to tune a Bellbird call! g on USB JW 21/12

11640 1051 TAIWAN, RTI. Good in CC; om & yl speaking. // 9660 scratchy - 4/12 CC

11650 1019 THAILAND, VOA. Good in CC; om speaking. // 13710 weaker - 4/12 CC

11665 0807 MALAYSIA, RTM Kuala Lumpur f in Malaysian on usb JWA 26/12

11730 1730 TURKEY, VOT (EMR). ID, English, news, fair - 12/12 BC

11780 0803 BRAZIL R Nac da Amazonia, tent; p-f in PP; m & f spkrs, much laughter
JWA 26/12

11815 0147 BRAZIL Radio Brasil Central fair in PP w/promos, advts, pleasant soft
ballads at good level 10/12. Slightly clearer signal on Russell SDR. BCM

11815 0801 BRAZIL R Brazil Central, tent.; p-f in PP with easy listening mx, m singer
JWA 26/12

11900 2200 N.MARIANAS, Vatican R. Fair in Chinese. 2229 I/S & off air - 10/12 KB

11900 2315 PHILIPPINES, Vatican R. Fair/poor in VV. 2357 I/s & off air - 17/12 KB

11925a 0200 BRAZIL Radio Bandeirantes poor but in the clear w/ident in PP on
measured 11925.195 after CNR1 closes 10/12. BCM

11925 0600 BRAZIL R Bandeirantes. Excellent signal with wonderful mx and PP talk.
17/12 SMFR

11935 1400 GUAM, AWR via SDA. Very good in Mandarin - 11/12 BDW

11965 1053 GUAM, KTWR "Running to Win" prg, p-f in EE JW 21/12

11975 1409 ROMANIA, RRI. Good in Romanian // 15310 poor - 3/12 BDW

11985 1434 ROMANIA, RRI. Excellent in Russian - 3/12 BDW

12035 1542 SRI LANKA, AWR via TRM. Good in Marathi - 10/12 BDW

12095 0757 ASCENSION ISL, BBC. p in EE JWA 26/12

12095 1814 UAE, BBS WS. Fair; yl & om talking in Arabic - 8/12 BC

12130 0512 KUWAIT, R.Mashaal. Poor in Pashto; ma; // 15760 weak - 4/12 KB

12140 0419 KUWAIT, R.Azadi. Fair in Pashto, then Dari from 0430 - 26/12 KB

12140 1047 KUWAIT, R Azadi, tent.; p in Dari JW 21/12

13695 1041 INDIA, AIR. Good in EE; om & yl speaking. // 17895 the same - 4/12 CC

15120 0250 INDIA, AIR (BGL). Fair, yl talking, Kannada & songs, - 1/12 BC

15180 1432 GUAM, AWR via SDA. Good in Karen - 13/12 BDW

15195 0350 JAPAN, R.Japan NHK World. Fair, om & yl in Japanese - 20/12 BC

15255 1404 GUAM, AWR via SDA. Good in Sinhalese - 12/12 BDW

15420 0705 MADAGASCAR BBC News; p-f in EE JWS 3/12

15440 1416 AUSTRIA, AWR via MOS. Good in Urdu - 11/12 BDW

15450 0630 ROMANIA, RRI. Poor in English - 4/12 BDW

15580 0656 BOTSWANA VOA f-g in EE; signoff 0701 JWS 3/12

15595 1031 VATICAN R.Vatican. Good in Oriental liturgy; om chanting. // 17590 much
weaker & scratchy - 4/12 CC

17640 0642 UAE BBC p in EE JWS 3/12

17650 0128 GUAM, AWR via SDA. Good in Cantonese - 10/12 BDW

17780 0019 GUAM, AWR via SDA. Good in Mandarin - 10/12 BDW

17780 0635 ROMANIA, RRI. Poor in English - 4/12 BDW

17870 1045 ROMANIA, RRI. Fair/good in Romanian; female vocalist. A little scratchy. //
15260 noisier - 4/12 CC

17895 1015 INDIA AIR News ending then music prg; f-g in EE.; JW 21/12

Overseas Contributions (Edited)

- 9275 2156 USA WMLK – Bethel, 2156-2202, MA English relig prgm “Assemblies of Yahweh” ID asking people to write for info. Sked 0400-0900, 1700-2200. Closed with WMLK ID. Fair to good signal. - 20/12 RDA
- 17640 1807 MADAGASCAR Pathways Radio – Mahajanga, 1807-1820, English prgm, relig features, IDs; carrier cut 1816 w/brief return; Good signal - 24/12 RDA

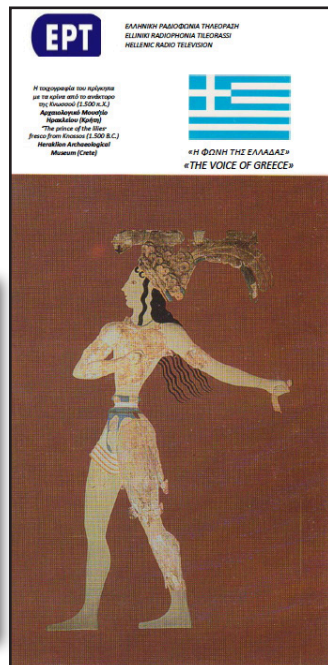
Contributors

- | | | | |
|------|------------------|---------------------|---|
| BC | Brian Carr | Christchurch | Drake R-8. EWE. |
| BCM | Bryan Clark | Mangawhai | WinRadio G3DDC and AOR7030+ receivers, EWes to North, Central & South America. |
| BDW | Brian Webb | Upper Hutt | Degen & Watts portables. 1m whips |
| CC | Cliff Couch | Paraparaumu | ATS-803A. 30m wire on apartment facia |
| JW | Jonathan Wood | Mosgiel Lowe | HF-150 pre 21/12, then Elad Duo; 19+26m dipoles. |
| JWA | Jonathan Wood | Allanton -Scroggs | Hill Rd Elad Duo Rcvr 22 / 46m dipoles |
| JWS | Jonathan Wood | Shag Point | Lowe HF-150. 22 / 46m dipoles |
| KB | Kelvin Brayshaw | Levin | 2 X PL-660s, Whips linked at tips. |
| 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 |
| SMFR | Stu Forsyth | Cyberjaya, Malaysia | Peter Mott's Kiwi SDR in Russell, NZ |

Your input much appreciated, thank you.

73

Kelvin



ENGLISH IN TIME ORDER

Editor

Yuri (George) Muzyka
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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
0400	9545f	SIBC	SOLOMON IS	9/12	BC
0630	15450p	RRI	ROMANIA	4/12	BDW
0635	17780p	RRI	ROMANIA	4/12	BDW
0636	7345g	RRI	ROMANIA	10/12	BC
0642	17640p	BBC	UK	3/12	JWS
0656-0701	15580g	VOA	USA	3/12	JWS
0705	15420f	BBC	UK	3/12	JWS
0757	12095p	BBC	UK	26/12	JWA
0816	7255f	Voice of Nigeria	NIGERIA	17/12	BCM
0820	7345g	RRI	ROMANIA	4/12	BDW
0848	9975g	EMR	GERMANY?	18/12	JW
0901-0922	6045f	EMR	GERMANY?	18/12	JW
0921	5020g	SIBC	SOLOMON IS	26/12	JWA
0936	9580g	Radio Australia	AUSTRALIA	3/12	JWS
0955	7355p	KNLS	ALASKA	22/12	JW
1015	17895g	AIR	INDIA	21/12	JW
1041	13695g:17895g	AIR	INDIA	4/12	CC
1049	2485f	ABC	AUSTRALIA	3/12	JWS
1050	2325f:2485	ABC	AUSTRALIA	3/12	JWS
1053	11965f	KTWR	GUAM	21/12	JW
1055	6195f	BBC	UK	26/12	JW
1102	11600g	RTI	TAIWAN	21/12	JW
1411-1513	6095f	Mighty KBC	GERMANY?	24/12	JW
1546	5895	BBC	UK	23/12	BC
1600	6185p	RTI	TAIWAN	12/12	IC
1600-1630	6110	Shiokaze "Sea Breeze"	JAPAN	2/12	BCM
1730	11730f	VOT	TURKEY	12/12	BC
1910	7290g	IRRS	ITALY	2/12	IC

SHORTWAVE REPORT

Editor

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Blenheim

email

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MADAGASCAR(non) Radio Publique Africaine via MGB Madagascar.

1800-1831 on 11550 MDC 250 kW / 295 deg to SoAf Kirundi

1831-1858 on 11550 MDC 250 kW / 295 deg to SoAf French

GUAM Frequency change of KTWR Trans World Radio Asia(Korea), Dec.8:

1345-1500 NF 7510 TWR 100 kW / 320 deg to EaAs Korean Daily, ex 9910

1500-1515 NF 7510 TWR 100 kW / 320 deg to EaAs Korean Sa/Su, ex 9910

TAIWAN Frequency changes of Radio Taiwan International, Dec.1:

2330-0030 NF 11600 PAO 100 kW / 205 deg to SEAs Vietnam, ex 11655

1200-1300 on 9545 TSH 100 kW / 352 deg to EaAs Chinese, add.freq

1200-1400 NF 5900 KOU 100 kW / 310 deg to EaAs Chinese, ex 11640

1600-1700 NF 6185*PAO 300 kW / 225 deg to SoAs English, ex 9405

*at 1650UT on 6185 SMG 250 kW / 086 deg to CeAs Armenian Vatican Radio, very strong

Other changes of Radio Taiwan International effective from Dec.1:

2230-2330 on 9735 PAO 100 kW / 045 deg to JPN Japanese, x 22-23

2230-0030 on 6075 KOU 100 kW / 310 deg to EaAs Chinese, ex 22-24

2230-0030 on 6105 KOU 100 kW / 310 deg to EaAs Chinese, ex 22-24

2230-0030 on 9450 TSH 300 kW / 002 deg to EaAs Chinese, ex 22-24

2230-0030 on 9900 KOU 100 kW / 267 deg to SEAs Chinese, ex 22-24

2230-0030 on 11635 PAO 250 kW / 208 deg to SEAs Chinese, ex 22-24

KURDISTAN(non) Updated schedule of R.Denge Kurdistan:

0330-0600 on 7400 KCH 300 kW / 130 deg to WeAs Kurdish

0600-1300 on 11600 KCH 300 kW / 130 deg to WeAs Kurdish

1300-1600 on 11600 KCH 300 kW / 116 deg to WeAs Kurdish

1600-2000 on 7455#ISS 250 kW / 090 deg to WeAs Kurdish

2000-2130 on 7455 KCH 300 kW / 116 deg to WeAs Kurdish

VATICAN(non) Frequency changes of Vatican Radio from Dec.21

1430-1450 NF 9510 PUG 250 kW / 285 deg to SoAs Hindi, ex 15470

// frequency 11695 PHT 250 kW / 283 deg to SoAs Hindi

1450-1510 NF 9510 PUG 250 kW / 285 deg to SoAs Tamil, ex 15470

// frequency 11695 PHT 250 kW / 283 deg to SoAs Tamil

1510-1530 NF 9510 PUG 250 kW / 285 deg to SoAs Malayalam, ex 15470

// frequency 11695 PHT 250 kW / 283 deg to SoAs Malayalam

1530-1600 NF 9510 PUG 250 kW / 285 deg to SoAs English, ex 15470

1530-1600 NF 11940 SMG 125 kW / 090 deg to SoAs English DRM, ex 15775

// frequency 11695 PHT 250 kW / 283 deg to SoAs English

MONGOLIA Winter B-16 for Voice of Mongolia:

0900-0930 on 12035vU-B 250 kW / 178 deg to SEAs English
0930-1000 on 12035vU-B 250 kW / 116 deg to EaAs Mongolian
1000-1030 on 12035vU-B 250 kW / 116 deg to EaAs Chinese
1030-1100 on 12035vU-B 250 kW / 116 deg to EaAs Japanese
1400-1430 on 12015vU-B 250 kW / 178 deg to SEAs Chinese
1430-1500 on 12015vU-B 250 kW / 178 deg to SEAs Mongolian
1500-1530 on 12015vU-B 250 kW / 116 deg to EaAs Japanese
1530-1600 on 12015vU-B 250 kW / 116 deg to EaAs English
1400-1600 strong co-ch Voice of Korea in French/English

AFGHANISTAN. Radio Afghanistan External Service.

1630-1700 on 6100 YAK 100 kW / 125 deg to SoAs Arabic.
1700-1730 on 6100 YAK 100 kW / 125 deg to SoAs Arabic or unknown lang.
Anyone hearing this one? Ed.

BAHRAIN Shortwave schedule of Radio Bahrain:

0300-2100 on 6010 ABH 010 kW / non-dir to N/ME English USB, not active
0000-2400 on 9745 ABH 010 kW / non-dir to N/ME Arabic CUSB

OMAN Winter B-16 schedule of Radio Sultanate of Oman:

0000-0200 on 9500 THU 100 kW / 315 deg to WeEu Arabic
0200-0300 on 9540 THU 100 kW / 220 deg to EaAf Arabic
0300-0400 on 9540 THU 100 kW / 220 deg to EaAf English
0400-1000 on 13600 THU 100 kW / 220 deg to EaAf Arabic
1400-1500 on 15140 THU 100 kW / 315 deg to WeEu English
1500-2200 on 15140 THU 100 kW / 315 deg to WeEu Arabic
2200-2400 on 11650 THU 100 kW / 315 deg to WeEu Arabic

AUSTRALIA Closure of ABC Shortwave services

It has been reported via DXDialog that ABC Shortwave Services - Radio Australia and the Northern Territory SW frequencies are to close on January 31st.

The ABC announced the end to its shortwave service, including in the Northern Territory, was "in line with the national broadcaster's commitment to dispense with outdated technology and to expand its digital content offerings including DAB+ digital radio, online and mobile services, together with FM services for international audiences."

"An ever-growing number of people in the region now have access to mobile phones with FM receivers and the ABC will redirect funds towards an extended content offering and a robust FM distribution network to better serve audiences into the future," said head of ABC International Lynley Marshall, who will oversee the last shortwave transmission before she leaves the national broadcaster in February.

ABC Director of Radio Michael Mason added: "While shortwave technology has served audiences well for many decades, it is now nearly a century old and serves a very limited audience."

Concern has been expressed both in the Northern Territory and in the Pacific region about the closures.

A chorus of criticism from the Pacific greeted the decision to pull the plug on the almost eight decades of broadcasting on January 31, with warnings it would deprive the region of 'life saving' information.

Radio Australia shortwave reaches parts of the Pacific lacking FM radio or the internet, from the isolated Papua New Guinea Highlands to remote atolls, and is especially valued during natural disasters and political upheavals.

FM radio in the Pacific is limited to some urban areas and access to internet streaming is beset by poor coverage, low band-width and the high data costs for some of the poorest countries in the world.

Former ABC Asia-Pacific correspondent and Australian Strategic Policy Institute (ASPI) fellow Graeme Dobell has described the decision as 'dumb – another bout of recurring Oz amnesia about its South Pacific role, responsibilities and history'.

He said it was not an 'evidence-based policy' after the ABC responded to his enquiries about Pacific shortwave audience numbers saying, 'while there are no firm figures on audience numbers in these regions, they are understood to be low ... This level of data is not available'.

Legendary former ABC Pacific correspondent Sean Dorney backed Dobell's position, criticising senior management's position of 'nobody in Sydney listens to shortwave!'.

"It reveals how little we understand the Pacific and Radio Australia has been slaughtered by management for no reason since the ABC lost the Australia Network international television service contract from DFAT two years ago."

Radio Australia's Pacific Beat has reported the ABC will save about \$2.8m after shortwave ends.

The Pacific Freedom Forum (PFF), a regional media advocacy NGO based in the Cook Islands, described the move by the ABC as a "slap in the face" to its neighbours.

"There seems to be no logic or connection with realities facing Pacific listeners and audiences across the region who will be effectively be cut off from news, information, and life saving information during disasters," said American Samoa-based PFF chair Monica Miller.

The Pacific has in the past two years been hit by two Category Five tropical cyclones, in Vanuatu and Fiji, the first of this strength on record. This month PNG and the Solomon Islands were shaken by strong earthquakes registering almost 8 on the Richter scale.

Tongan academic and politician Sitiveni Halapua told Radio New Zealand International, which has also wound back its shortwave service, modern technology will not replace the vacuum created by the ABC.

(taken from <https://pasifik.news/bishop-presses-abc-pacific-concerns-shortwave-radio-cut/>) Edited for length

My advice is if you haven't verified the Northern Territory's SW outlets do so before the end of January. They reply by email. Frequency details are here: <http://www.abc.net.au/reception/radio/shortwave.htm> See also <http://about.abc.net.au/press-releases/shortwave-radio/> (Chief Ed).

BROADCAST NEWS

Editor Bryan Clark email
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NEW QSL OPPORTUNITY FOR ABC STATIONS

X-BAND CHANGES & MYSTERY BEACON INTERLOPER HEARD

AUSTRALIA Most regional radio stations operated by Southern Cross Austereo were to be rebranded on 15 December. The following stations were to be rebranded as Triple M: 2WG Wagga Wagga, 2RG Griffith, 4GR Toowoomba and 5SE Mount Gambier. All of Radiowest's stations in Western Australia will also be rebranded as Triple M. (Paul Mech via ICDX-AM Yahoo Group)

ARDXC's December magazine reports a new Arabic language X-Band station in the Sydney area on **1674** kHz.

ACMA is considering proposals for AM to FM for Broken Hill (2BH on **567** kHz) and West Australian stations Red FM (6FMS - **747**) Exmouth, Spirit Radio at Paraburdoo (6SAT - **765**), Tom Price (6SAT - **765**), Karratha (6KA - **1260**) and Port Hedland (6NW - **1026**) (<http://theacma.cmail19.com/t/ViewEmail/d/D0D6C67450774177/6060A5386CA775ACC67FD2F38AC4859C> via Sam Dellit VK1DXA via DX Dialog)

For an up-to-date Australian medium wave list, check out this PDF file from ACMA: http://www.acma.gov.au/~media/Licence%20Issue%20and%20Allocation/Publication/pdf/TVRadio_Handbook_radio_3%20pdf.pdf (Todd Emslie via ICDX Yahoo Group)

I work in the Master Control Centre of the Australian Broadcasting Corporation in Sydney. Although the ABC no longer prints or issues QSL cards, I am happy to verify reception reports by email for listeners to our MW services. I have been doing this for some months now, with a great many reports coming in from Scandinavia but also parts of Europe, Asia and the USA. This is not an official service and therefore not advertised as such, but as a former DXer myself, and as I can access the off-air logs and programme schedules for all of our MW services, I am happy to verify reception reports for MW DXers anywhere. It has been gratifying in recent years to see the hobby being somewhat revived, thanks I think in large part to new technology such as Perseus SDR receivers and software. Listeners can email me at this address: Himmelhoch-Mutton.Graham@abc.net.au [you need to remove the gaps in this address to use it. BC] and I will endeavour to respond as quickly as I can. Attaching an mp3 file is welcome, helpful, and recommended. (Graham Himmelhoch-Mutton, Radio Master Control, ABC Sydney via Mediumwave.info and Dave Onley via Real DX Yahoo Group). [Paul Ormandy has already had a QSL response from Graham, who requests that we use UTC date and time in reports. BC]

CANADA Construction Permit has been granted for a new station in Vancouver, possibly U4 10kw full time on **600**. Will carry ethnic programming currently on KRPI-1550. (NRC)

An extension to Construction Permit until 30 June 2017 has been granted to TTP Media to get its new Montreal QC English language News-Talk station on air. Frequency is 600 with 10kw days, 5kw nights. To share antenna site with TTP's CFNV-940. (Jon Pearkins IRCA)

COLOMBIA: It appears that Radio Minuto (**1520**) in Barranquilla has been renamed Radio Principe de Paz. See www.principedepaz.com/ & www.facebook.com/RadioMinutoOficial/ (Fredrik Dourén via Real DX Yahoo Group)

FRANCE France Inter is now advertising a helpline for listeners to call for advice on what to do after **162** longwave closes. I wonder how many of the French people living in the UK (and Germany, Switzerland, etc) are aware that this is imminent. La fin des Grandes Ondes <https://www.franceinter.fr/societe/la-fin-des-grandes-ondes> (Chris Greenaway via Glenn Hauser's DXLD Yahoo Group). Our French 'toolscreecher' translates: "The end of Longwave. France Inter is going to stop broadcasting on longwave from January 1st 2017. It is very easy to continue listening to us. Right now, retune your radio to your town's FM frequency. You can also find us on line, or by replay by subscribing to the podcasts of programmes that have been broadcast." (Stu Forsyth)

INDIA Laying out an action plan for AIR, an IIT-Bombay report says shortwave and medium wave services have few takers and must be scrapped. AIR should phase out short wave and medium wave services, accessed through the once ubiquitous transistors and radio sets, and focus on FM instead, recommends the report while giving a thumbs down to the digital DRM technology that the public broadcaster is pushing. With most people accessing radio on their mobiles or car stereos, only a small fraction of listeners in urban areas use the difficult-to-buy transistors and radio sets, says the technical audit report on All India Radio's shortwave and medium wave services. Barely 10 per cent of people, mostly the elderly, in urban localities listen to short wave or medium wave services, Girish Kumar, professor in IIT-B's electrical engineering department who headed the team conducting the audit for AIR's parent body Prasar Bharati, told DNA.

Digital Radio Mondiale (DRM) receivers, pegged by AIR as a technology replacement for Soviet-era worn-out short and medium wave transmitters, are just too expensive, the report says. Though a DRM transmitter can give higher range than others, installing a larger number of FM transmitters can help cover the entire country.

The audit included field measurements at more than 13,000 locations and above 9,000 people surveys. Most people do not have a good medium wave, short wave radio receivers and the quality of medium wave reception is not as good as FM radio. In fact, most people interviewed are unaware of AIR's outdated short wave and medium wave services, the report states. Barring hilly and border areas, medium wave services should be shut in metro and all major cities and the number of FM transmitters should be increased, it says and suggests important programmes on medium wave and short wave services be broadcast via FM radio. At present, 145 medium wave and 48 short wave transmitters are located in 125 cities of India. Being from the Soviet era, most of the equipment is now worn out. Non-availability of spare parts has added to the problem. As a result, there is poor transmission of signals in most parts of the country. (Amrita Nayak Dutta in Daily News & Analysis (DNA), India 11 November via Southgate Radio Club via ADXN)

MEXICO Radio Mil in Mexico DF on **1000** now identifies as Mil AM. (Henrik Klemetz via Real DX Yahoo Group). XEHB **730** from Hidalgo del Parral heard with new slogan "Escucha Estereo Fiesta XEHB-FM Estereo Fiesta..."; also gave address on Ortiz Mena Boulevard and mentioned Grupo Radorama. (John Wilkins-CO) to which Glenn Hauser adds the comment "XEHB is totally and typically dominating frequency on car radio, forget XEX... obviously on 50 kW day power instead of 1 kW night as listed". (via DX Listening Digest Yahoo Group)

NICARAGUA YNRM Radio Marantha from Managua has been heard by John Faulkner in the UK on the offset of **1439.87** kiloHertz. (via RealDX Yahoo Group) *[I felt this worth noting here as I heard this station from Auckland some 20 years ago. BC]*

NORTHERN MARIANNA ISLANDS KCNM Navy Hill on **1080** is reported to be reactivated with ethnic format. (IRCA)

VATICAN CITY STATE Vatican Radio ceased all its medium wave broadcasts (**1260 and 585 kHz**) for Rome and Latium on November 30th; thus, Vatican City is another MW-silent country. (Giovanni Ricci via Ydun Ritz's mediumwave.info website)

USA – X-BAND UPDATE

- 1630 KKGW Fort Worth TX format tweaked to Gospel/Religion, slogan to “His Truth, Our Hope,” networks to SRN. (Wayne Heinen NRC)
- 1640 KZLS Enid OK heard with identification on the hour 23 November “OK-C, you’ve got the world according to...?, AM 1640 The Eagle”. (Nancy Johnson AZ via NRC)
- 1650 UNIDENTIFIED BEACON “SAC” first reported by Tim Tromp in Michigan on 28 October. Terry Krueger in Florida has taken coordinated bearings with David Potter and Gerry Bishop, elsewhere in Florida which suggest a location north of Port St Joe Florida to west of Panama City Florida. (Glenn Hauser OK via NRC)
- 1660 KQWB West Fargo ND now uses the slogan “Bison 1660.” (NRC)
- 1670 WPLA Dry Branch, GA had change of callsign to WMGE on 14 December. (NRC)
- 1690 WPTX Lexington Park, MD format was talk, now Adult Standards. (IRCA)
- 1700 WRRC Ramapo NY appears to have format change, noted late November with Indian vocal music; brief pre-ToH announcement by man in unknown language (Hindi?); EE call ID. (Harold Frodge MI via NRC)

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

- 570 KCFJ Alturas, CA format was adult standards, now variety.
- 1230 KBNH Burns, OR is now silent.
- 1230 KSGG Reno, NV format was sports, now classic hip hop, slogan: “Power 1230”.
- 1240 KELK Elko, NV has new slogan: “Today’s KELK”.
- 1380 KXFN St Louis MO is now back on the air with Christmas music from Salem Music Network, with SRN News at :45 past the hour. This station will likely go Southern Gospel after the holidays. (Eric Bueneman MO)
- 1450 KGFF Shawnee, OK now carries Classic Hits, slogan: “KGFF 100.9/1450”.
- 1450 KCTI Gonzales, TX reactivated with NPR news/talk, slogan: “Texas Public Radio”.
- 1450 KHIT Reno, NV format was ESPN Deportes, now “NBC Sports Radio 1450”.
- 1480 KBXD Dallas, TX was silent, back on with new unknown format.
- 1520 WBYM San Juan, PR has changed callsign to WRSJ (swap with 1560)
- 1560 WRSJ Bayamon, PR callsign has changed to WBYM (swap with 1520)

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

- 790 WQXI Atlanta GA replaces Rock format with Korean, slogan “Radio Korea.”
- 850 WRUF Gainesville FL slogan is now “ESPN 98.1.”
- 930 WKY Oklahoma City OK has applied to extend STA for U1 5kw/1.25kw nights.
- 1020 KCKN Roswell NM granted STA with U4(?) 1kw day & night due bad tubes in main transmitter.
- 1210 KGYN Guymon OK w/CP application for U7 50kw/10kw (critical hours 39kw).
- 1270 KVMI Tulare CA changed to Christmas format ex Adult Contemporary. [Could this be the station heard by Stu Forsyth & Arthur de Maine on Peter Mott's SDR in December? BC]
- 1280 KZNS Salt Lake City UT slogan to “97.5 & 1280 The Zone.”
- 1330 KYOZ Spokane WA slogan changed to “Classic Rock OZ 95.7.”
- 1450 KTIP Porterville CA networks to C/SRN/DG/DR/WW1/LCL/C2C. (Tor Vik)
- 1510 WLAC Nashville TN adds Fox Sports Radio to its News/Talk format.
- 1520 KOKC Oklahoma City OK applies to extend STA, U1 10kw/10kw, temporary tower.

- 1530 WCKY Cincinnati OH applies to extend STA, U1 50kw/12.5kw.
- 1560 KGOW Bellaire TX applies to extend STA, U3 15kw day & night from night site.
- 1580 KHEP Tempe AZ currently silent; has CP to move to new transmitter site. Per Nancy Johnson AZ, as of 15 December, still off the air.

KINGS OF THE KILOHERTZ

STU FORSYTH in Cyberjaya Malaysia reports in the League's DX Dialog Yahoo Group about logging KKOH 780 on Peter Mott's SDR recently. "It was coming through well and I don't have it. It is a 50,000 watt and not a hard catch. I received an email verie almost by return post, so to speak. The verie signer is Program Director Dan Mason and his address is dan.mason@cumulus.com. He seems reception report friendly."

BRYAN CLARK Mangawhai has a DX report away to WTNI 1640. The local QRM encountered in November has gone away for now, with better reception some nights. Even the Argentine X-Banders made an unusual December appearance one night – that's the enduring attraction of MW – you never can completely predict what will be heard!

BRYAN'S BROADCAST TRAIL - December

BCM = Bryan Clark, Mangawhai with WinRadio G33DDC & EWEs to Americas.

- 740 0910 HAWAI KCIK Kihei w/Bible readings, "You're listening to the Catholic Midday Show" and later promos for Immaculate Heart Radio. Over US talker 17/12.
- 1010 0706 CANADA CBR Calgary w/ident for "CBC Radio One" 10/12, fair.
- 1090 0741 USA KFNQ Seattle WA w/"Jingle Bell Rock" & "CBS Sports Radio" promo, fair in noisy conditions 24/12,
- 1098 0707 MARSHALL ISLANDS V7AB good clear signal w/talks in local lang 10/12.
- 1230 0910 MEXICO XETVH Villahermosa w/frequent mentions of Tabasco, over unid US station playing Christmas carols 26/12.
- 1300 0728 MEXICO XEXV San Francisco del Rincon w/"La Zeta" idents, otherwise non-stop Mexican vocals, fair on top of others 10/12.
- 1300 0803 MEXICO XEP Ciudad Juarez w/full ID "Escuche XEP 1300 AM, La Americana" 10/12. Mexican anthem faded up after 0805 – XEP or XEXV?
- 1370 0835 UNID LATIN w/SS talk, ident as "Emisoras" Who? 8/12
- 1420a 1020 UNID stations on 1419.838 and 1419.969 putting bad het on KKEA 6/12.
- 1440 0848 UNID LATIN with religious format in SS – no sign of Moana AM tonight and Kiribati poor level 1/12.
- 1610 0920 CANADA CHHA Toronto all alone 18/12 w/SS vocals and anncts.
- 1630 0850 USA KCJJ Iowa City IA dominating w/rock music promo, detailed ID at 0857 "From the Two Rivers Bank & Trust studios in the Heart of the Hawkeye Nation, this is the Mighty 16-30 KCJJ Iowa City" then news 17/12.
- 1640 0840 USA WTNI Biloxi w/ESPN sports and regular local idents, over KDIA at times 27/12, good signal!
- 1650 0945 USA UNID Beacon w/repeated "SAC" in Morse 25/12 over/mixed X-band stations, mainly KFOX in Korean.
- 1660 0950 USA WCNZ Marco Island FL w/Relevant Radio, Catholic talk network, News at 1004 6/12. Quite regular at present.
- 1680 0854 USA KGED Fresno CA w/ "Conservative Talk Radio" slogan, advts, ID "... one place in Central California for Dave Ramsay, 16-80 The Answer" 26/12.
- 1690 0900 USA KFSG Roseville CA w/quick EE ident insert on the hour "KFSG Roseville-Sacramento" 26/12.
- 1710a 0811 ARGENTINA AM 1710 at fair level in SS on regular 1709.783 offset 18/12. Other X-band Argies at same time on 1629.838 and 1689.969.

TV/FM NEWS & DX

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FM DX LOG – December 2016

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

1 December

LPFMs “Radio Leigh FM” 87.8 and 88.3 “Waiheke Radio” heard at 0300 UTC; unusual music on 89.0, possibly Free FM.

2 December

Distorted French on 91.5 at 0218 UTC; also 88.0 over Cruize FM Whangarei. New **94.4 More FM Tutukaka** heard for the first time.

3 December

New Caledonians briefly 0006 UTC on 88.0 // 88.5 and 89.5. Tonga 87.5 at 0042, steady but distorted.

4 December

Australian opening at 0128 UTC – 102.1 Triple J Newcastle, 102.9, 103.7, 101.3 Sea FM Gosford, 101.7 WS-FM Newcastle with Roly Sparks.

5 December

At 0150 UTC, another Aussie opening – Triple J Central Tablelands 101.9, 102.5 jazz, 102.7 ABC talk, 90.9 ABC NewsRadio, Illawarra followed past 0216.

Fijian opening 0347 with BBC strong steady on 88.2, FemTalk 89 better than past years. At 0417 BBC 88.2 still fair – echo between Suva and Nadi outlets evident 0431, about 0.5 second delay. 92.0 // 92.2 very good, also 93.0, 96.0 and 100.8.

6 December

92.2 More FM Hamilton popped up 1949 UTC with Waikato road conditions.

7 December

89.7 classical music traces – perhaps RNZ Concert Christchurch? 89.6 classic oldies – this is **new 89.6 Coast, Bay of Islands**.

2246 Fiji back – BBC 88.2 vgd, 92.0 fair// 92.2 vgd, 92.8 // 93.0, 95.0 pushing thru B-FM Auckland, 96.0, 100.0 // 100.2, 100.8, 102.4 // 102.6.

Tonga 87.5 up strongly for a minute at 2358.

8 December

New Caledonia 88.0 and 89.5 vgd at 0344.

18 December

88.2 weak LPFM signal 0500 UTC, 87.8 oldies station, suspect from Whangarei.

Aussie opening from 2315 – 106.1 ABC Classic FM Newcastle, promo for ‘Pedestal’ prgm, 106.9, 107.7 2GO with 3 songs back to back, “we call it a triple play on 2GO”; 107.3 rock music and Aussie talk alternating on 107.3 at 2323; Triple J 105.7 Sydney, 105.3 rock, 104.5, 104.1, 102.9 KO FM at 2330, 102.7 ABC Classic FM from Central Tablelands, 102.5 “Fine Music” is rebranding of 2MBS Sydney, 102.1 rock, 101.7, 101.3 rock, **my first reception of 99.7 Rhema Newcastle**, fair w/”The First Noel” (confirmed from web stream), 98.1 at 2340, 97.9 ABC Classic FM from Grafton, 97.1 ABC talk, 96.3 jazz, 95.5 Aussie talk mixed another, 90.9 ABC Newsradio Illawarra, 107.3 ID like Max-FM at 2354, 103.3 likely Triple J, Southern Downs Queensland.

87.5 Tonga strong at 2351.

19 December

Tongan opening continues 89.1 with western standards, 90.0 "Radio Tonga" ident 0010 over Kiwi station. 92.1 CRI Tonga briefly on pops, 87.5 back at 0016.

0129 – Tonga back on 87.5, 89.1. **Norfolk Island 89.9** advt for "Cascade Motors, sponsors of Radio Norfolk".

Australia - 89.5 Triple J Nambour Queensland strong from 0136; also 88.7 ABC Classic FM, 91.1 4MCY with 'Slice of Heaven'.

New Caledonia – France Inter 92.5 vgd 0152, 88.0 // 89.0 strong, 97.0 poor, 102.0 Djiido exc RDS display // 103.0 fair; 100.0 "RRB" on RDS vgd w/FF news 0200; 90.0 FF breaking thru Kiwi briefly, 92.5 France Inter ident (Nix on listed 92.0 and 93.0).

20 December

Australia at 0604 UTC – 88.5 "Classic Drive on ABC Classic FM" Gold Coast. Other East Coast stations on 90.1, 91.7, 97.7 Triple J Gold Copast exc, 89.3, 90.9, 91.5, 92.3, 92.5 exc, 94.1, 94.5 ABC NewsRadio Nambour, 95.3, 96.9, 100.5 ABC NewsRadio Batemans Bay, 100.9 2 stations mixing, 101.9 classical from Batemans Bay, 103.5, 103.9 talk, 104.3, 105.1, 105.9 advt for Batemans Bay Soldiers Club at 0617; 88.7 classical from Nambour, 89.9 ABC talk over another // 97.3; 89.1 at 0744, 92.1 in Arabic, 95.3 pops, 95.7 classical from Illawarra, 96.1 rap, 96.5 pops, 96.9 pops vgd "Nova 969" on RDS, 97.3 ABC Talk, 97.7 "SBS Radio" on RDS strong; 98.5 Ethnic music – 2000FM Sydney, 98.9 Triple J Illawarra at 0759; 99.3 ABC news here, 100.9 ABC promo, 101.3 vgd C-FM Gosford, 101.7 rock, 101.9 Triple J from Central Tablelands, 102.1 strong, 102.9 rock, 103.7, 104.5 "Star 104.5" ID at 0808 from Gosford; 105.3 New FM vgd, 105.5 in German is SBS Canberra, 102.3 classical, 105.7 – 2 stations mixed, 106.1 classical from Newcastle, 106.9 "Hit 1069" on RDS, 107.7 rock, 89.7 ABC NewsRadio Bega vgd // 91.5 Southwest Slopes poor and 90.9 Illawarra vgd, 104.1 patchy, 102.9 KO-FM at 0825, 89.3 classical at 0856, 89.9 still 2 mixed here. 91.5 pops, 92.1 "On the Money with Rachel Walsey", then "Across Australia, you're listening to Community Radio – presume 2MFM; 92.3 on news // 91.7; 92.5 "Gold FM, Part of the Triple M Network", 105.5 maybe Triple J; 106.3 folk music against local Heads FM 106.4; 88.5 ABC Classic FM exc past 0948; 90.1 ABC talk; 90.9 rock music 0952; 93.3 "SBS Radio" ident 0954; 94.5 ABC exc; 95.7 advt for Gold Coast Prawns; 97.7 rock music; 98.1 talk; 98.5 // 95.7 exc; 102.9 exc at 0958 when I closed up for the night.

1920 UTC Aotea FM Great Barrier Island thru Life FM (off back of aerial).

2252 the Aussies are back! 89.7 ABC NewsRadio exc, 89.9 Aussie talk; 91.3 2MAC with Cambelltown District Council Christmas Event; 93.3 classical concert – weak – who?; Blues later and possible ABC News at 2300; 94.1 news; 94.5 Sydney wear=ther forecast; 94.9 sports news and advt for SussexRise.com.au; Sydney's 95.3 "Smooth FM" on RDS. Went out in car at this stage – was able to hear 104.1 Today FM at 2337, also 101.7, 101.9 and 102.5 until all dropped out at 2345 UTC.

21 December

Aussie opening at 0008 UTC – 100.9 ABC Radio National exc w/"Suburban Psychic comedy; 107.1 horse racing, 105.9 rock, 105.7 rock exc, 105.5 "2EC Summer" vgd 0036 – this from Eden; 105.3 ident for New FM Newcastle; 105.1 ABC National Batemans Bay; also 103.5 ABC Local; 103.3 news patchy, 102.9 KO-FM strong, 102.5 jazz and talk formats mixed = Bega; 102.3 rock, 102.1 rock, 101.9 classical from Batemans Bay, 101.3 pops, 89.3 Gold Coast and another mixed. 87.6 religious talk followed from 0122 – eventually identified as **low-powered 87.6 Faith FM Radio** – strongest at 0205; "**WS-FM 101.7**" ident on 88.3 fair (Will Renton in Australia says 87.6 likely in Wollongong area and 88.3 is Camden NSW with 100 watts); 89.1 ABC talker with poetry talk, 'In the Driving Seat' – unknown site; 88.7 exc; 89.9 advert for Windsor and NSW time check, over second station (Will confirms I was hearing **2VTR Hawkesbury Radio** with 750 watts); 90.7 ABC NewsRadio at 0209 // 90.9, both strong; 91.3 2 music stations mixed; 91.5 Triple J Grafton; 92.1 news strong 0210; 92.3 country music; 92.5 good, 92.7 horse racing; 92.9 ABC Classic FM Sydney overwhelming Radio Live; 93.5 pops; 87.8 low powered religious format at 0213 mixing foreign language; 87.6 Faith FM still around 0215; **88.0 Raw FM** ident, drum & bass – followed past 0228,

probably Newcastle or Coffs Harbour area.

Tuned in again at 0419 UTC and Aussies galore still in: ABC Classic 88.5 // 88.7, 89.1, 89.3 Gold Coast, 89.5 Triple J Nambour, 89.7 NewsRadio Bega, 90.1 ABC, 90.7 NewsRadio, 90.9 NewsRadio breaking thru pops from assumed 4SEA Gold Coast, 91.1, 91.3 "David Archer on C-91.3", 91.5 Triple J; 92.1 SBS ethnic alternating Arabic & EE, mixing another on show tunes; 92.3 playing Temperature Bingo, 94.5 Triple J at 0435; 96.1 "SBS Radio" on RDS strong in Bahasa; surging over rock music – Ayr Queensland; 105.7 Triple J Sydney strong 0442; 104.7 adverts for Grafton; 104.5, 104.1, 103.9 distorted; 102.5 Fine Music Sydney mixing pop station, 100.9 fool song, 99.3 ABC Classic FM Bega strong 0454; 98.9 Triple J Illawarra together with 95.7 classics, 97.3 ABC Local hrd strongly; 98.5 Arabic from Sydney ethnic station; 101.1 pops over RNZ National – Triple J news ident at 0500, so Armidale NSW; 98.1 2 stations mixed at 0501, one is Eye98 Wollongong; 97.9; 97.7 "26 degrees in Cooma, so 2SKI, mixed ethnic format; 97.3 at 0504 with ID as "97.3 Brisbane" mixed another; 96.5 rock mx mixed another; bandscan from 0551 – 88.5 // 88.7 ABC Classic FM; 89.3 Gold Coast; 89.5, 89.7 NewsRadio; 89.9, 90.1, 90.7 // 90.9 NewsRadio mixing with "90.0 Sea FM", 91.5, 91.7, 91.9, 92.3, 92.5 exc, 93.3 ethnic, 94.1 identifying as "94.1 FM", 95.3 reggae at 0619; 95.7 classical Illawarra over pop station; 96.1 Triple J Lismore strong; 87.6 still religious talk here at 0622; 89.7 NewsRadio // 90.7 & 90.9; 91.5 Triple J Grafton; 92.3 poor; 98.9 fair; 89.7 best signal 0650.

0726 recheck – 88.5 ABC Classic vgd, 89.3 oldies, 90.1 talk, 90.9 vgd w/sports news; 91.7 distorted; 92.5 advt for Southeast Nissan; 93.3 SBS World News promo; 94.1 peaking vgd; 94.5 rock; 95.3 classical. All gone at 0806 UTC recheck.

22 December

Spurs of local 106.4 Heads FM found on 106.7 and 106.1 at 0115 UTC.

Pacific opening from 2154 tune-in – BBC Fiji x 2 on 88.2, 89.0, 92.0 // 92.2, 92.8 // 93.0, 96.0 // 96.2 both exc, 97.6 // 97.8, 98.6 Legend FM exc // 98.4, 100.0 Gold FM good // 100.2, 100.8 // 101.0 exc, 102.4 // 102.6 vgd.

87.5 Tonga w/advt for taxi up briefly 2220, **94.6 Radio Naya Jivan Fiji** thru Life FM, 95.6 Today FM ident at 2227, 89.0 FemTalk ident 2229, 89.8 open carrier, possibly from Fiji, 104.8 Radio Fiji 2 traces // 105.0 – not often hrd here. Nix on listed 106.6.

23 December

Tonga in at 0021 UTC – church service strong, 88.5 UNID talk (sounded Tongan), 89.1 rock music, Shirley Bassey – almost continuous music variety, jingle for "A3V" heard; 92.1 CRI on pops, promo for 'China's Better Music Station'; 103.0 Radio Australia relay strong at 0029; **91.5 new Tongan** here – followed from 0036 past 0133 – maybe new freq for "89.5" station as found a delayed parallel feed of this on Internet. 93.1 UCB Tongan station patch at 0102, 90.0 Tongan over NZL at 0125 UTC.

88.5 distorted French at 0121 = New Caledonia.

Fiji Viti FM jingle strong on 92.2; 93.0 news in Fijian; 88.2 BBC exc. Tongans on 92.1 and 87.5 at 0205; 91.5 French from Lifou up at 0212. Only this and Djido 98.5 audible – other listed Lifou freqs (94.5 & 102.5) empty; 103.0 RA Tonga poor 0214; Fiji 102.6 fair, 100.8 vgd in Hindi; **89.9 "thanks for your support of Radio Norfolk"**. Other Norfolk Island freqs audible – 95.9 ABC Local Radio; 91.9 ABC Radio National. 89.5 New Caledonia all alone at 0233. 88.2 BBC Fiji at 0326. New Caledonia 88.0 strong 0350 // 89.0 weak.

25 December

Aussies in on Christmas Day – 90.9 advt for "Family Feud, only on Ten" at 0258 UTC, 89.3 Gold Coast, 92.5 rock, 88.5 ABC Classic FM poor to fair 0304. Traces of 90.7 at 0442.

NZ LPFM opening at 1933 – Asian Indian station on 87.9, 97.2 TAB Trackside New Plymouth at 2233; 98.8 ZM-FM Taranaki up sporadically 2358 (these are the only New Plymouth freqs clear in Northland).

26 December

90.7 The Breeze from Coromandel hrd irregularly from 2051 till 2336.

100.3 Sea FM Coromandel a new catch for me when RNZ Concert fades.

27 December

Aussie opening from 0230 UTC – Lismore area stations on 91.5, 95.3, 96.1, 98.5, 94.5, 96.5. At 2254 oldies and show tunes format on 92.1 – who? At 2308 Sydney ethnic station faded up in AA; ABC Classic FM Sydney 92.9 overriding local Radio Live Rodney! 94.1 rock, 94.3 cricket commentary, 94.5 pops, 95.3 pops, 95.7 classical, 96.3 horse racing, 96.5 “Web FM” or similar at 2314; 96.9 pops, 97.3 talk, 97.7 SBS in Tagalog, 98.5 Spanish, likely 2000 Sydney, 98.9 Triple J Illawarra, 99.7 ABC Local? 100.9 Horse Racing, 101.3 pops, 101.7 classic rock, 101.9 ABC Classic FM Batesmans Bay, 102.3 classical from Canberra, also 103.9 NewsRadio.

28 December

At 0011 UTC – Australian opening continues: 105.1, 88.5 ABC Classic FM Gold Coast, 89.7 NewsRadio, 90.1 ABC, 90.7 NewsRadio // 90.9, 95.7 ABC Classic Illawarra mixed another, 97.7 pops. At 0042 only ABC Classic FM 95.7 remains.

NZ commercial noted on 96.8 at 0131 UTC, marking start of a **good opening to Nelson!** Later identified as ZM-FM when fair at 0342. Also 97.6 The Breeze at 0327. 89.6 ident for The Hits, good past 0503! 96.0 Radio Live, 100.8 Coast, 91.2 RNZ Concert up at 0347. Trackside 97.0 and 98.8 ZM-FM both New Plymouth hrd vgd 0406; 97.8 The Edge fair 0451. At 1923, 96.2 Radio Hauraki Hamilton fair – not hrd here often; 101.7 RNZ National at 1925 signals tropo opening to Whakatane and my first receptions of 104.1 The Edge and 105.7 The Sound. 95.3 RNZ Concert Whakatane heard at 1952. 105.8 Mai FM Hamilton, first time hrd here.

2225 UTC – hearing 107.3 The Sound Whangarei – best reception of this is off back of yagi, largely inaudible when beamed north.

Freeview Channel News

(www.freeviewnz.tv/tvguide/featured/channel-news)

CTV Ends Transmission

CTV | Freeview channel 40 StarMedia, the parent organisation of CTV, has decided to stop its transmission of CTV from Friday 16 December 2016.

Where is CTV? CTV is going online only as of Fri 16 Dec; selected content can be watched online at starmedia.kiwi from 19th December.

Why is CTV no longer on air? This is a decision made by the broadcaster of CTV, StarMedia. If you would like further information about this decision, please contact Star Media directly via their website (www.starmedia.kiwi).

Wairarapa TV | Freeview channel 41

Now available to Wairarapa residents via UHF, check out the Wairarapa TV website for more information (www.wairarapatv.co.nz).

SOUTHERN TV | Freeview channel 39

Formerly Dunedin TV and available in Dunedin only, Southern TV will be available soon in Southland on FREEVIEWIHD. If you're using a UHF aerial to pick up your TV signal, and you live in Southland or Dunedin, you'll be able to get Southern TV. It is not on satellite.

You can contact Southern TV and find loads of local content on the SouthernTV website (www.channel39.co.nz).

Fashion TV | Freeview channel 30

Available in Auckland, exclusively on FreeviewIHD.

Can I get Fashion TV? If you live in Auckland and you're using a UHF aerial to pick up your TV signal, you'll be able to get Fashion TV.

More info Check out Fashion TV New Zealand on Facebook.

FM DX ANTENNA AND TUNER

Paul Ormandy (reproduced from radiodx.com)



I decided to try a bit of FM DX after a break of more than 20 years and needed a new antenna.

First I tried a 7 element log periodic yagi, similar to this example but found the local FMers about 3km away swamped the whole band pretty much. So then I re-built the antenna into one of these combo yagis which is a hybrid log periodic yagi and standard yagi, sometimes called a “logyag”.

It handles the signals from the locals much better than the straight LPY and seems to be more directional. Mine is made from old low-band TV antennas so only cost me some hardware and time.

For those who wish to build one, I've metricated the measurements. Note that all element measurements are taken from the centre of the boom, even for the 3 driven elements which are insulated from the boom. The boom itself is 2500mm long.

Refl: 846mm (1692 tip-to-tip) spacing

1st driven: 787 (1574) spacing 533

2nd driven: 673 (1346) spacing 927

3rd driven 643 (1286) spacing 1196

1st director: 635 (1270) spacing 1280

2nd director: 610 (1220) spacing 1702

3rd director: 533 (1066) spacing 2413

Spacings are taken from the centre line of the reflector. The short stub is a hairpin match and should give a reasonably constant impedance across the whole 88-108MHz, the very close proximity of the first director to the 3rd driven is designed to pull the impedance down towards 75 Ohms.

In testing with an antenna analyser, 3 dips were noted across the band with the impedance ranging between 47 and 87 Ohms, very acceptable for a wide-band antenna such as this.

Photo attached. The aerial is not very high at present and will eventually be moved to a mast on a rotator higher up the roof.

A good antenna is half of what you need, the other essential item is a good tuner.

There are heaps of tuners available second-hand e.g. on Trademe and for excellent advice of which to buy, particularly for older models, The Tuner Information Center is a great place to look. You'll find tuner reviews by brand on the left hand side. Best bet is one with a switchable IF bandwidth (usually marked as "Wide"/"Narrow") and with 4 ceramic filters, particularly with the amount of congestion on the bands these days. There is one more factor to keep in mind, i.e. the ability of the tuner to cope with high signal levels and thus prevent overloading and spurious signals flooding the dial. The best tuners at keeping those unwanted byproducts in check are ones with MOSFET front ends, instead of bipolar transistors.

The tuner is connected directly to the line input sound card (light blue collar) on my computer and I use the free and easy to use "Audacity" recording software. Sending an audio clip to a station with an e-mailed reception report is a great idea, many stations these days carry no detailed log of music, news, etc etc.

Here's a short list on tuners rated for FM as follows:

Onkyo: T-4970, T-9090 II (very highly favoured), T-9990, T-450 TDS, T-4711, T-488F

Kenwood: L-1000T, KT-6040, L-02T, KT-880D

Sony: ST-SA5ES, XDR-F1HD (probably the best of the lot), XDR-S3HD

NAD: 4300, 4155

Denon: TU1500

Yamaha: T85

Sansui: TU-X1

Carver: TX11

Harmon Kardon: TU920

Technics: ST9030 (analog)

Pioneer: F-90



Sony XDR-F1HD

I found positive reviews from a DX point of view for all of the above. Hope that helps someone else find a good FM DX tuner.

Apart from TradeMe and Cash Converters, there are a number of retro audiophile resellers like Good Hifi in Dunedin, The Eco Shop, Blenheim Road, The Listening Post & Penny Lane in Chch, Stereoscope and Vintage Audio World in Auckland and no doubt most second-hand record sellers. You may get lucky and pick up a real bargain from a recycling store.

DXissimo

Editor

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CHILE

5825 Radio Triunfal Evangélica, Talagante, 2302-23:25, December 24, Spanish, Reactivated!!!!!! Long religious talk and songs, 24222 Info via FB "Radioescucha en Onda Corta desde Chile) (Arnaldo Slaen, Argentina via Hard-Core-DX)

CONGO

6115, Radio Congo, Brazaville, 1815-1822, 21-12, French, comments. 13321. (Méndez via Hard-Core -DX)

RUSSIA

6209.8 Poor and weak signal of Comintern Radio, Dec.13 1415&1455 001 kW / non-dir to EaEu, (swldxbulgaria.blogspot.bg/2016/12/poor-and-weak-signal-of-comintern-radio.html)

SOUTH AFRICA

Reception of South African Radio League on Dec.11: 0800-0810 on 17760 MEY 250 kW / 019 deg to EaAf, 10 min. dead air 0810-0910 on 17760 MEY 250 kW / 019 deg to EaAf English. Weak/fair. (via swldxbulgaria.blogspot.bg/2016/12)

SWAZILAND

Reception of TWR Africa via Manzini on Dec.10:
1802-1902 on 9500 MAN 100 kW / 013 deg to EaAf English
1905-1935 on 9940 MAN 100 kW / 343 deg to CeAf Lingala
1935-1950 on 9940 MAN 100 kW / 343 deg to CeAf French
(Via /swldxbulgaria.blogspot.bg/2016/12)

USA

WMLK Radio was back again on shortwave on Dec.11:
1700-1732 on 9275 MLK 250 kW / 053 deg to WeEu English
1732-1822 on 9275 MLK 250 kW / 053 deg to WeEu dead air
1822-2200 on 9275 MLK 250 kW / 053 deg to WeEu
(Via swldxbulgaria.blogspot.bg/2016/12)

Fair to good signal of WMLK Radio (Assemblies of Yahweh) on Dec.14: 1700-2200 on 9275 MLK 250 kW / 053 deg to WeEu English, at 1830 dead air Wrong frequency ann.9475, instead of 9275 and wrong morning prg. (Via swldxbulgaria.blogspot.bg/2016/12)

As reported in December's ADXN. I have checked 2368.5 on a few occasions but nothing audible at my location. Editor. Via ARDXC. Our member Peter Tate switching to 2368.5, needs reports in a week time. 100 watts now that's a DX Station! Reports by email, link from website <http://www.stationx.com.au/> (John Wright)

Marconi Radio. Might be worth keeping a check on 6925 for more tests. Editor.
MARCONI RADIO Please be advised that Marconi Radio International is now on the air today Monday 26 December 2016, on 6925 AM kHz with a test transmission. We are using a power amplifier able to put out 500 watts (power varying). This test will end today at 1600 UTC.(Via Marconi Radio EMail)

UTILITIES

Editor

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I hope everyone had a very good Christmas and that Santa brought you all that radio equipment you requested. Early December my wife and I spent a couple days in a holiday house near Seacliff on the Otago coast then over Christmas we spent five nights in another holiday house at Manuka Bay on the North Canterbury coast. The house near Seacliff was also a great place for train spotting. Not often you find a place where you can enjoy two of your hobbies at the same time. It was good to get away from the noisy location in the resort.

FREQ UTC DETAILS OF TRANSMISSION

2180	0938	Taupo Maritime R with alert for overdue vessel good 26/12 JWA
3261	0648	Canterbury Mountain Radio, ranging p-f to non existent sig; talking to field set (not heard) on Dusky Track (?). 27/12 JW
3413	0807	Shannon volmet poor 0809 "This is Shannon volmet" 28/12 ADM
3467	1025	VELOCITY 122 / AKL maintaining FL 350 confirmed 29/9 RP
3485	0645	New York Radio with aviation weather reports poor 5/12 ADS
3485	0758	Gander 0759 "This is Gander Radio out" fair 28/12 ADM
4405	0822	Buenos Aires Radio woman in SS 28/12 ADM
5450	0728	RAF London with military aviation weather good 5/12 ADS
5450	1637	RAF London aviation weather fair 5/12 ADS
5505	0714	Shannon Volmet woman with aviation weather reports 0715 ID "Shannon Volmet" fair to good 24/12 ADM
5643	1001	AKL / DELTA – 108 ref AKL on 123 – 900 confirmed 27/11 RP
6604	0643	New York Radio with aviation weather reports good 5/12 ADS
6604	0433	New York Radio aviation weather poor 26/12 ADM
6676	0941	Bangkok Volmet aviation weather fair 5/12 ADS
6676	0832	Australian volmet aviation weather fair 25/12 ADM
6676	1853	Singapore Radio volmet 1854 "Broadcast ends" Fair 25/12 ADM
6676	1912	Bangkok Radio "Met report Bangkok" 1914 ID s/off "Bangkok volmet out" fair to good 25/12 ADM
6679	2051	Auckland volmet good 2054 "Auckland volmet out" 25/12 ADM
6754	0848	Trenton Military volmet 0850 ID "This is Trenton Military" Good 25/12 ADM
8113	0658	VMW marine weather poor 5/12 ADS
8761	0918	Japanese Fishery Radio, tent., f in JJ with single continuous m spkr till 0923 when 2 way conv started. 22/12 JW
8831	0842	Unid, strong in EE, tail end of txn, "will call after landing". NB 8829.4 is Airways Corp according to RSM website. 26/12 JWA
8867	2024	Qantas 144 calling Auckland with position report 5/12 ADS
8867	2139	KOREAN NAVY 01/AKL Posn / report FL 220 freq exc 8867 5643 AKL require SC not avail 30/11 RP
8867	2138	JET STAR 219 AKL F/L 370 freq adv 8867 / 5643 CH CH WX up date 129-300 30/11 RP
8867	2114	AIR VANATAU 510 report from FI 390 30/11 RP
8867	1918	QANTAS 162 / BRISBANE Posn rep SC E S A L 30/11 RP

8867 1910 AKL AIR NEW ZEALAND 858 reports 220 miles west of WX area 30/11 RP
8867 1016 Qantas 155/Brisbane estimates Geemack at 1103, require FL340 selcal
ESAM 29/12 RP
8888 0740 Novosibirsk Meteo woman RR poor 28/12 ADM
8950.0 1018 Murmansk air control, tent; Russian sounding voice but unid lang. p.
Activity incl selcals at 1045 1047 1056 1059 1102... 26/12 JW
8952 0727 Cordoba Volmet, Spain, tent., p-f in SS; f spkr, continuous, even speech
speed, till going at 0740. 24/12 Also f at 1026 on 27/12 JW
8957 0915 Shannon volmet woman with aviation weather 27/12 ADM
10051 0639 New York Radio aviation weather reports from airports 0740 ID "New York
Radio" good 5/12 ADS
10051 0422 Gander aviation weather Ottawa poor 27/12 ADM
11253 1640 RAF London aviation weather fair 5/12 ADS
11297 0726 Rostov Meteo woman in RR good 28/12 ADM
11318 0843 Novosibirsk Russia RR volmet woman weak 5/12 ADS
11318 0710 Novosibirsk Meteo woman in RR fair noisy off 0714 28/12 ADM
11318 0715 Samara Meteo woman in RR noisy fair off 0719 28/12 ADM
11318 0733 Sivkar Meteo woman in RR good noisy 28/12 ADM
11318 0912 Novosibirsk Volmet, p-f in RR, ending 0915. 3/12 JWS
11387 0325 Bombay volmet aviation 0327 mention of Colombo weather fair 25/12 ADM
11387 0330 Brisbane volmet aviation weather fair to good 25/12 ADM
11387 0750 Singapore Radio weather poor 28/12 ADM
12362 0652 VMW Wiluna Australia marine weather good 5/12 ADS
13270 0426 Canada Gander volmet poor 27/12 ADM
13282 0805 Tokyo volmet aviation weather fair 25/12 ADM
13282 0815 Hong Kong Radio aviation weather 0817 " Hong Kong Volmet out,
25/12 ADM
17398 0303 Guangzhou Radio tent woman in chinese s/ off 0304 good 28/12 ADM

CONTRIBUTORS

ADS	Arthur De Maine	Near Seacliff	Drake R8 30m longwire running East
ADM	Arthur De Maine	Manuka Bay	Icom R71E and AOR7030+ 80m longwire South East, 50m longwire North East
JWS	Jonathan Wood	Shag Point	Lowe HF150 and 22 / 46m dipoles
JW	Jonathan Wood	Mosgjel	Lowe150 before 21/12; Elad Duo R from 21/12; on 19+26m dipoles
JWA	Jonathan Wood	Allanton - Scroggs Hill Rd	Elad Duo R and 22 / 46m dipoles
RP	Roger Pryde	Dunedin	National DR 49 FRG 7000 30 m longwire WW11 15 MRT L

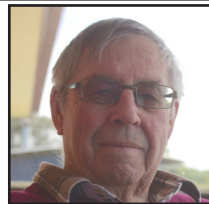
A good number of contributions this month, the result of getting away from home to a quite location.

Arthur

ADCOM NEWS

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SUBSCRIPTIONS OVERDUE If you haven't paid your sub for 2017, this is the last magazine you will be sent. To avoid disappointment, please action without delay. The subscription form with membership rates and how to pay was published in the November and December DX Times.

WE REGRET to advise that **ROBERT ALLEN (ZL3WA)** a Christchurch member of the League passed away recently. The League sends its condolences to the family.

Last month we welcomed back Ash Nallowalla and this month we welcome back **Brian Withers** of Napier. If my memory serves me correctly I met Brian at a AGM/Convention at Little Huia, Auckland a number of years ago. Welcome back, Brian.

Some members might not be aware that Ash was co-author of 'Better Radio/TV Reception'. The other authors were Arthur Cushen and Bryan Clark. I have a copy signed by all three in my book collection.

RADIO AUSTRALIA's CLOSURE ON SHORTWAVE this month is "something of a disaster" says RNZ's Pacific Islands correspondent Mike Field. Indeed, there has been similar criticism from other journalists covering Pacific affairs who understand the valuable role that shortwave communication continues to play in the South Pacific. Now Radio NZ International will stand alone in providing dedicated radio broadcasts to the Pacific audience.

RECEIVER DONATED TO AWARUA RADIO MUSEUM On a recent visit to the museum at the former site of Awarua Radio ZLB south of Invercargill, Otago member **JIM SEARLE** learnt that the last receivers in use at the station when it closed down in 1991 were the JRC 515, and the museum did not have an example in its collection. As a result, manager Alex Glennie was most grateful when Jim decided to donate his JRC NRD 515 – this is now on display at the museum.

ALAN ROYCROFT is fondly remembered by long-time members for his service QSLing most Hawaiian radio stations (his company Broadcast services, provided technical services to them). Paul Rawdon passes on a humorous story about Alan that recently appeared at American DXer Don Moore's excellent website. See <http://www.pateplumaradio.com/genbroad/history/roycroft.htm>

FAMILIAR VOICE RETURNING "Hello, this is Jonathan Marks. Welcome to a Media Network prequel. Yes, it's true while Donald Trump heads for the White House, we'll be resuming the wireless show about the wireless in 2017, mixing comments about a post-truth media world with regular trips to the vintage radio wireless archives which we saved from the shredders. Our collection has lasted longer than the station it was first broadcast on." 70

minutes of reports of vintage reports on Africa on the prequel. Go to: <http://criticaldistance.blogspot.co.uk/2016/12/mn06122017.html>
(Mike Barraclough via DXLD Yahoo Group)

RADIO SPECTRUM MANAGEMENT (RSM) part of NZ's Ministry of Business, Innovation & Employment, have recently produced a Spectrum Outlook 2017-2021 discussion paper outlining their expected focus over the next 5 years.

This states that RSM will assess, inform and implement the outcomes of the consultation on the future use of the VHF band III (174-230 MHz) in relation to the market demands for digital audio broadcasting. In audio broadcasting, international digitalization of audio programming continues to move at a slower pace in comparison to digital television broadcasting (USA and Europe have the largest implementations of digital audio programming). While digital audio offers higher audio quality, the main factor preventing a faster transition and uptake worldwide is the less evident benefit for consumers from investment in digital audio equipment. Audio broadcasting takes place in various bands, including MF, HF and VHF bands. The most popular band is the VHF band (88-108 MHz), where analogue FM radio is still the predominant form of audio broadcasting for listeners globally. There is also AM radio in the MF band, which has been used for many decades despite its lower audio quality in comparison to FM radio. AM broadcasting remains in use given its ability to provide service across large coverage areas with only few transmitter stations. This has made AM radio a practical option for servicing large rural areas, and hence its continuing use.

There is ongoing competition in the commercial FM radio segment, which is still very profitable in high population density markets. Such markets make intense use of the commercial FM radio channels, often reaching maximum band capacity. The ability to provide additional capacity may be the catalyst for accelerating digital audio uptake in highly competitive markets. Europe and the USA have implemented their own digital audio platforms (DAB and IBOC respectively), which have contributed in meeting the demand for wider diversity in content programming. Both solutions provide for a more efficient use of the spectrum, delivering higher quality digital audio content. The US solution (IBOC system) uses the same frequency band as FM radio, transmitting digitally compressed audio signals alongside with the FM analogue carriers. Meanwhile, Europe has preferred to adopt Digital Audio Broadcasting (DAB), which uses a frequency band different to that of FM radio (174 – 230 MHz is the most commonly used). The USA and Europe currently simulcast analogue FM radio and digital audio. While, internationally, there is not a strong move towards analogue audio switch-off, some countries have committed to switch-off analogue FM soon. For example, Norway (where the number of DAB programmes has largely surpassed the number of FM programmes) announced in 2015 its plans to achieve analogue FM switch-off by 2017. The expanding deployment of broadband networks and the growing uptake of mobile data services has enabled consumers to receive global audio content in digital form directly via mobile devices connected to the internet, an international trend now visible in NZ. This capability has resulted in new digital audio markets, targeting users who seek on-demand audio content, provided via mobile applications, adding another layer of competition in content delivery to listeners. In NZ, commercial FM analogue broadcasting remains the most popular form of audio broadcasting, especially in the main urban areas. Like other markets, the use of the additional programme capacity provided by digital broadcasting systems (such as DAB) may become an attractive alternative, especially in urban areas where FM channels are currently fully utilised. Some DAB trials have been carried out in New Zealand in recent years, and RSM is currently evaluating the outcomes of the industry consultation on the future use of VHF band III (174 – 230 MHz).

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, 25th February** 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, 25th January**, 12.45pm
Beach Babylon Cafe, Oriental Bay, Wellington
join Dene and others to talk about what's what in the world of DX.



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, December 4, 2016 -- We have made many changes to our "DX History on the Net" page. We have updated URLs where they have changed and where we know the new URL. We have revised the content of four entries and incorporated within them some new sites. These are: First Transatlantic Ham Contact; Radio Row; National Voice of America Museum of Broadcasting; and Early Sound Recording. They are marked "Revised," in red, at the end of the entries. And we have added nine new entries (marked "New" in red). They are: U.K. and Gerald Marcuse; Radio Australia, Darwin; Solomon Islands Broadcasting Service; Station Recordings-II; The Broadcasting Fleet; Spectres of Shortwave; Paul Litwinovich on Vintage Radio; BBC Waveguide; and Virtual Museum, of Radio Communications-Utilities. Check out the specific entries for details. -- And under "Specialized Resources/Wavescan," we join Adrian Peterson in celebrating "Three Radio Anniversaries in India" (Wavescan N405, November 27, 2016).

< www.ontheshortwaves.com > Update, December 11, 2016 -- For those who like to keep an eye out for shortwave radios in the movies, we have posted under "DX History/Equipment & Advertising" a lobby card for an oldie entitled "Submarine Alert," a 1943 film starring Richard Arlen and Wendy Barrie. From Netflix: "When FBI radio engineer Lee Deerhold

(Richard Arlen) is fired from his job, he's unaware that his termination is part of a larger plot by the feds to have him unwittingly infiltrate a gang of Nazi saboteurs who've developed a powerful new transmitter. By the time he learns that he's been used by both the FBI and the Nazis, Deerhold may be in too deep to escape. Wendy Barrie and Nils Asther co-star in this tale of World War II-era paranoia." That looks like a Hallicrafters S-9 or SX-9 Super Skyriider, c. 1936, a little old for World War II work. Apparently both Arlen and Der Bingle knew something about shortwave, as shown by the story, "Radio Stars are DX Rivals," from the October 1934 issue of RADEX, reproduced below the lobby card. -- And from Adrian Peterson we have this new "Wavescan" entry under "Specialized Resources": "The Radio Scene at the World's Largest Clock [China]," Wavescan N406, December 4, 2016.



Hallicrafters SX 9 Super Radio

< www.ontheshortwaves.com> Update, December 18, 2016 -- Under "DX History/Lists, Logs, Guides & Columns," we have posted the Manufacturers Life Insurance Company DX map, from 1940. What makes this otherwise ordinary world map interesting to DXers is the table of "Principal Short-Wave Stations of the World" shown in the lower right-hand corner and containing call letters, frequencies and map coordinates for many stations. The exact origins of this map are unknown, but it may have had something to do with GE station W2XAD, which seems to have been set apart for special treatment just to the left of the table. If you look closely at the map you will see indications of things, usually products, associated with various countries, e.g. "Wool. Tallow. Sealskins" for the Falklands, "Dates. Feathers" under Libya, "Coffee. Sugar" in Venezuela, and my favorite, above Kirgiz Kazaks, B14, "Caravan Traffic by Camels."

< www.ontheshortwaves.com> Update, December 25, 2016 -- The year 1966 was the World Radio TV Handbook's 20th anniversary. The Handbook for that year contained a couple of pages of congratulatory messages, but WRTH also published a separate pamphlet, "Special 20th Anniversary Messages," containing many more messages. Shawn Axelrod of Winnipeg, Manitoba has kindly sent us a scan of the pamphlet, which we have posted under "DX History/Lists, Logs, Guides & Columns." Along with many messages from the world of international broadcasting, there are some familiar names among the DXers and club execs who wrote in: Arthur Cushen, Richard Ginbey, Victor Jaar, Barrie Wildblood, Don Jensen, August Balbi, Bill Eddings, Richard Wood. Thanks for sending this, Shawn. -- And under "Specialized Resources/Wavescan," Adrian Peterson brings us two new interestingly-titled stories: "Indiana Statehood 200th Anniversary: The Early Wireless Scene" (Wavescan N307, December 11, 2016), and "The Radio Scene at the World's Largest Tooth Brush Fence [Niue]" (Wavescan N408, December 18, 2016).