



New Zealand DX Times

Monthly Journal of the
New Zealand Radio DX League (est 1948)
December 2019 Volume 72 No. 3

<http://www.radiodx.com>



*Happy Festive Season
and Welcome to the December edition of the DX Times.*



The Administration Committee would like to wish members and their families a very Merry Christmas and best wishes for the coming New Year and may you hear plenty of DX at your place. We look forward to your continued support for the League and the DX Times in the coming year. For those of you that are travelling over this coming holiday period, safe travels.



Deadline for next issue is Wed 18th December 2019. P.O. Box 178, Mangawhai 0540

**CLOSING DATES FOR THE NEXT
3 MONTHS 2020**

January **Wednesday, 18th December**
February **Wednesday, 29th January**
March **Wednesday, 26th February**

**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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<http://kiwisdr.northlandradio.nz:8074/>
<http://kiwisdr.northlandradio.nz:8075/>
You will need the password - write to
nzrdxlsdr@gmail.com for details.

Welcome to new members David Kaio in Wellington, **Reidar Bo**, in Oslo, Norway and **Terry Colgan** from Austin in Texas.

Reidar has been a DXer since 1963, with periods of inactivity in between then and now. His main interest is medium wave.

Terry has been a DXer since 1959 and has an interest in both MW and SW. He has logged 162 countries on SW from Austin. Little MW has been done there but he has logged 40 odd states, including Hawaii, from north-eastern Kansas. Terry was also a former column editor for NASWA and the Executive Secretary for ANARC during the 1980s. I am sure it didn't lead to anarc-hy!

If David would like to send some information in - I will happily publish it!

Closing Date for December

You will note that the closing date is **Wednesday, 18th December**. Given that we are in the midst of the Festive Season and all the madness that surrounds it, I have decided to close things off a week earlier. The magazine will probably come out just before New Year, so please ensure you get your contributions to the various sub-editors on time. If you have any late entries, then send them to the Chief Editor and they will be squeezed in if space permits.

Annual Subscription

Please remember to pay your annual subscription of **\$10 NZ or local equivalent for overseas members**, by 31 December to avoid an uninterrupted delivery of this magazine and DX Dialog and for uninterrupted use of the League's SDR. See the back page for details.

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

They can be found at

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

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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. The NZRDXL is administered by

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MUSINGS



Editor

Stu Forsyth
Mangawhai

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Nothing to report DX-wise from the **Chief Editor** this month. We have vacated our Mangawhai home while the new house is being built - yet to begin. Aerials have obviously been removed and the aerial in Titirangi that needs repositioning is sitting on the ground - I really must get round to doing something about it....!

THE FUTURE of the Ladders/Continents page:::

The following was omitted from the bottom of the Ladders section (page 29) due to lack of space.

At the recent AGM, some discussion was held regarding how relevant this type of competition is in an age where participation has dwindled so much due to natural attrition and also with qsls getting harder to get. As a consequence we invite you to email your thoughts to us on this matter. Do you wish to keep this page running or should we allocate the space to another section of our magazine? We invite your views by the February 2020 deadline and please only use the email address at the top of this page. If this page is to be discontinued there will be an announcement by ADCOM and the final page will be in the June 2020 NZDX Times.

Whilst I take the point that was made, my own personal view is that we should keep it. I find it interesting to see who has heard what and where. The hobby is what it is to those involved. Those who are interested in this sort of thing will contribute. Those who are not won't. It does no harm and gives me a bit of a spur on every so often. - Stu.

Bryan Clark reports they have now moved into their new home. The FM antenna is lying on the ground awaiting a load of concrete and he is in the same position as me - needs to get an FM antenna up and must do something about it

Mike Smith in Opunake writes: It was good to Skype into the AGM last month. I've just bought another Panasonic DR31 on trade me – pretty much as new. I bid the minimum of \$150 and nobody else bid. And it was local in New Plymouth. Seems to perform pretty well and it is completely un-molested. I modified my original one years ago to get a better MW input by adding an externally connected link turn to the internal ferrite rod. I've been pretty quiet now that the Latins have gone, but sat up late to catch the Titahi Bay mast outage. That produced JOIK on 567 for the duration, and a couple of Aussies on 1161 during the same outage. North American signals are pretty difficult from home, due to all the noise from town being in the same direction! (That is north and east.) Nothing but Tasman Sea if I look to the west and south tho'. I rebuilt my little 30cm travelling loop into a slightly larger version, now 60cm diameter, same length of wire, fewer turns of course, but still able to get it into the car for a trip to Coromandel in February. But before then its Christmas, so best wishes to all for a happy, relaxing, festive season! And a personal thanks for everyone's good wishes during this challenging year. *[An excellent bargain! Glad to hear the loop is still working and good*

luck with the DXpedition, although I doubt Wendy would call it that! Very best wishes to you too, Mike, and we all wish you a prosperous and particularly a healthy New Year.]

Douglas Johns in Christchurch dropped us a line. Following a trip to the UK I have the following three QSLs - Nation Radio Wales Aberystwyth 103.3, BBC Radio Wales Aberystwyth 95.3 and BBC Local Radio Cornwall Truro 103.9. Maybe more next month.....

Regards and Merry Christmas - missed you at the AGM. Somebody said you were working, but can Stu and working exist in the same sentence ????? *[Now you are a cheeky chap! Nobody has spoken to me like that since Paul Aronsen was around!! Good to see you get Truro back - I got them on MW when living in the UK. The BBC have a general policy of not verifying, but a number of the stations don't seem to know or care about that and so you do get veries back. One of the BBC techs for Radio 4 London 720 AM explained it to me and then said that my report, whilst correct in every way couldn't be officially verified - I counted it! Have a wonderful festive season yourself.]*

From **the Chief Editor's desk** - I wish you all a very happy Christmas and a relaxing holiday period after a year of hard work. Summer has arrived early up north and the pohutukawa were in flower from late November. The old Maori saying is that if the pohutukawa is flowering before December then you are in for a long hot summer. Fine by me accompanied by lots of signals too please.



For non-Kiwi overseas members this is a Pohutukawa - the New Zealand Christmas tree. As you can see it is quite spectacular when in full bloom. Mangawhai is full of them!

The final word this month rests with **the Patron**

SEASONS GREETINGS TO ALL

Here we are in December once again; a time for reflection and celebration. Radio propagation conditions this year were certainly different and we were all caught out by such long periods without sunspots. However a new spot has been reported with reverse polarity so we would like to believe Cycle25 is upon us. Conditions may take many months to improve much if at all, but we can all live in hope that Santa has indeed delivered a present to be 'listened to'.

Kaye and I trust you all will have heaps of happy holiday time with family and friends and your listening endeavours will be rewarded in the form of many verifications.

Sutton Burtenshaw
Patron.

BANDWATCH



Editor
Ian Wells
Dunedin

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It's December, so Santa's nearly due again. Let's hope he brings great weather and even better signals for us all. I wish every member, and their families, the very best Christmas, and a wonderful start to 2020. Your contributions are always welcome (apologies to John Mainland, your loggings for the last issue reached me too late – because of elapsed time, I've only included the most interesting items).

For the January issue, please get contributions to me by the 18th December closing date. I will be away after the 18th.

As usual, please show loggings as tentative if you don't get a clear ID, or if there's any doubt about the logging, and provide as much detail as you can, including the date and language heard, while keeping your notes concise.

kHz UTC Country, Station, Programme, & Reception Details

3925	1600	JAPAN R Nikkei fair in JJ 5/10 BDW
4750	1745	BANGLADESH Bangladesh Betar s/on strong w/theme music & anncts, some EE words heard but audio badly distorted and largely unreadable 17/11 BCM**
4810	1739	INDIA AIR Mumbai fair in Hindi // 4800 Hyderabad (blocked by strong China). Closed 1741 17/11. BCM**
4850	1748	CHINA (Xinjiang Uygur Autonomous Region) Xinjiang PBS Station good in Kazakh per Japanese DXers, talk and local music, 17/11. Gone at 1810 recheck. BCM**
4900	1551	CHINA Voice of the Strait w/music – also noted on 4940, same time and date but not parallel, 4/10 BDW
5845	1733	MALAYSIA BC WS via Tinang in KK, jammer in background 12/11 BC
5850	0825	USA WRMI poor in EE with AWR “Bandscan” 28/10 JM
5860	1750	KUWAIT R Farda in Persian 12/11 BC
5875	0500	ASCENSION ISLAND BBC WS fair in EE for Africa 30/10 JM
5925	0656	FRANCE RFI good in FF 7/11 BC
5935	0545	USA, WWCR with Dr Gene Scott fair with relig prgm in English 8/11 KAB**
5935	1848	ROMANIA RRI in EE with listeners' letters 30/9 BC
5950	1739	ETHIOPIA V. of Tigray Revolution good with talk in local languages 11/11 BC
5965	1500	CHINA CRI poor/fair in RR // 5915 // 5990 both poor 18/10 JM
5975	1200	CHINA CNR-8 fair in KK via Beijing 27/9 JM
5985	1730	CHINA CRI fair in Swahili for East Africa 21/10 JM
5990	1425	CHINA CRI fair in Mongolian // 5915 5/10 JM
5995	1825	SOUTH KOREA Echo of Hope fair in KK // 6250 & 6350 21/9 JM
6000	1440	CHINA CNR-1 poor in CC // 5945 & 7290 both poor 13/10 JM
6035	1555	CHINA Yunnan Radio via Kunming fair in CC 6/10 JM
6060	0550	FRANCE R Algerienne fair via Issoudun in FF, off 0559 5/11 JM
6070	0345	IRAN VOIRI poor in Arabic 4/11 JM
6080	1906	ARMENIA Welle 370 relay w/special b'cast poor to just fair in GG 16/11 JD**

6090 1430 CHINA CNR-2 fair in CC "Business Radio" // 6065 13/9 JM
6095 1140 SOUTH KOREA KBS World Radio fair in CC 18/9 JM
6100 1905 CHINA CRI poor/fair in Russian 5/11 JM
6105 0535 FRANCE R Algerienne via Issoudun fair in AA 4/11 JM also 0615 14/11 BC
6115 1530 NEW ZEALAND RNZI good in EE 18/11 BDW
6120 1900 TURKEY VOT fair in Turkish 5/11 JM & 2010 8/11 BC
6125 0410 TURKEY VOT poor/fair in EE 4/11 JM
6135 0615 VATICAN BBC WS Sta Maria di Galeria gd in FF // 7265 5/11 JM & 1/11 BC
6140 1818 ENGLAND KBS World Radio via Woofferton good in RR 11/11 BC
6145 0521 TAIWAN, RTI good with singer in Mandarin (Tent), 8/11, KAB**
6145 0539 ROMANIA RRI fair in Romanian 13/11 BC
6155 0520 AUSTRIA NHK World Radio Moosbrunn in EE off 0530 16/11 BC & 0529
8/11 KAB**
6155 0630 AUSTRIA R Osterreich good in GG 2/11 BC
6155 0812 SOUTH KOREA KBS World Radio good in JJ // 7275 21/11 BDW
6160 1837 CHINA CRI good in GG 1/11 BC
6185 0548 MEXICO, R Education good in Spanish 8/11 KAB**
6185 1105 CHINA Huayi BC Co fair in local language with Pyongyang in EE underneath
6/11 JD
6195 1000 SINGAPORE BBC WS with EE news 6/11 JD
6200 0950 CHINA PBS Xizang via Lhasa fair in Tibetan 6/11 JD
6870 1655 TAIWAN Sound of Hope fair in CC 28/10 JM
7205 1555 CHINA CRI fair in EE via Nanning, off 1557 18/10 JM
7210 0500 ALBANIA CRI good at s/on in AA 6/11 JD also 0550 16/11 BC
7210 1825 CHINA CRI poor/fair in RR via Urumqi 25/10 JM
7215 2020 ALBANIA CRI good in AA via Cerrik 20/10 JM
7225 1930 GERMANY VOA fair in Kurdish via Biblis, off 2000 20/10 JM
7225 2000 AUSTRIA AWR Voice of Hope poor, EE ID, prgm in Dyola for West Africa
20/10 JM
7255 0650 NIGERIA Voice of Nigeria fair in Hausa (?) 14/11 BC
7265 0559 GERMANY BBC WS via Nauen at end of JJ prgm 6/11 JD
7275 1827 CHINA CRI fair in CC to Middle East off 1830 25/10 JM
7275 1920 AUSTRIA AWR Voice of Hope fair in Hausa 31/10 JM
7280 1910 VIETNAM VOV fair in EE for Europe 14/9 JM
7285 0450 OMAN BBC WS poor/fair in EE 4/11 JM also 0458 6/11 JD
7290 1817 ROMANIA IRRS fair in EE with DX prgm "World of Radio" 7/10 JM
7290 1930 ROMANIA IRRS poor/fair in EE with AWR "Bandscan" prgm 29/10 JM
7300 1740 CHINA CRI fair in AA via Kashgar off 1800 29/10 JM
7315 0455 VATICAN R Dabanga relay poor in AA 6/11 JD
7315 1730 CHINA CRI fair at s/on in CC for Middle East // 7275 3/10 JM
7330 0530 ROMANIA RRI fair in RR 6/11 JM
7330 1750 CHINA CRI poor/fair in EE for Sth Africa 19/9 JM
7330 1821 IRAN VOIRI fair in FF at s/on 12/10 JM
7340 0430 FRANCE Eye Radio good in EE to South Sudan 6/11 JD also same day BC
7345 0644 ROMANIA RRI good in EE, GG from 0700 4/11 BDW
7355 0450 USA R Marti fair in SS // 6030 29/10 JM also same time 6/11 JD
7355 1620 SINGAPORE BBC WS via Kranji fair in KK 22/9 JM
7360 1330 CHINA CRI fair in Thai (earlier in Lao) // 9785 20/10 JM
7360 2008 VATICAN Vatican Radio poor in EE 29/10 BDW

7370 1730 ROMANIA RRI fair in Romanian 29/10 JM
 7370 1945 IRAN VOIRI fair in Italian to s/off 1951 26/9 JM
 7380 0355 IRAN VOIRI poor in AA, off 0527 6/11 JM also same day 0450 JD
 7385 1615 CHINA CRI (or CNR) fair in EE/FF/CC with opening ceremony of International Military Games 18/10 JM
 7390 0410 FRANCE RFI fair in FF for Africa 5/11 JM
 7410 0340 ROMANIA RRI fair in SS for North America off 0356 31/10 JM
 7410 1545 UAE BBC WS good in Urdu 18/11 BDW
 7415 0655 ASCENSION ISLAND R Ndarason Int fair in Kanuri for West Africa, off 0659 29/9 JM
 7420 1755 CHINA CRI fair in EE for SE Asia // 7410 poor off 1800 10/11 JM
 7425 0540 ENGLAND R Ndarason Int via Woofferton fair in FF & Hausa off 0600 12/11 JM
 7430 0905 CHINA CRI fair in CC // 13570 better 23/10 JM
 7435 1930 CHINA CRI poor/fair in Romanian 10/10 JM
 7440 1320 CHINA CRI fair in CC via Nanning 27/9 JM
 7445 1420 ROMANIA RRI good in Russian off 1457 7/11 JM
 7445 1750 CHINA CRI fair in CC off 1827 27/10 JM
 7450 1250 CHINA PBS Zizang fair in CC via Lhasa // 5935 18/9 JM
 7465 1340 SINGAPORE BBC WS poor/fair in Burmese 13/10 JM
 7465 1958 PHILIPPINES, VOA good in English, ID then news in Korean . 31/10, KAB**
 7475 2002 THAILAND, R Thailand fair with Thai news in English, 31/10 KAB**
 7485 1500 SINGAPORE BBC WS fair in EE via Kranji 31/10 JM
 7485 1900 PHILIPPINES VOA fair at s/on in KK via Tinang 10/10 JM
 7495 1635 THAILAND VOA R Ashna good in Pashto for West Asia 16/10 JM
 7510 1315 GUAM KTWR Agana good in EE 2/11 JM
 7510 1330 SINGAPORE TWR Asia fair in KK 27/9 JM
 7510 1741 ARMENIA IBRA Media/FEBA Radio via Yerevan-Gavar in Silte language 23/11 BC
 7515 1515 GUAM KTWR Agana good in EE, full ID and off 1617 31/10 JM
 7520 2022 GERMANY, RFA very, very weak audio in listed Chinese 8/10, also 2/11 jammed by Firedrake CNR2, 8/10, KAB**
 7530 1522 IRAN VOIRI good at s/on in EE w/news 1530, close 1622 6/11 JM
 7530 1815 KUWAIT Deewa Radio fair in Pashto 2/11 JM
 7535 1620 MOLDOVA TWR India fair in Urdu off 1630 2/11 JM
 7540 1545 TAJIKISTAN R Free Asia fair in Tibetan 4/11 JM
 7540 1845 THAILAND Deewa Radio fair in Pashto 23/9 JM
 7545 1400 PHILIPPINES VOA fair in Cantonese 2/11 JM
 7545 1650 TAJIKISTAN R Free Asia fair in Uyghur for China off 1700 // 7565 (Kuwait) 10/11 JM
 7550 1530 TURKEY TWR India fair in EE (Sat/Sun only) to close 1600 10/11 JM
 7565 1615 KUWAIT R Free Asia good in Uyghur 31/10 JM
 7565 1635 PHILIPPINES VOA poor/fair in Tibetan 3/10 JM
 7570 1410 NORTH KOREA R Pyongyang fair in FF, moderate jamming 2/11 JM
 7580 1115 NORTH KOREA R Pyongyang fair in JJ 29/10 JM
 7585 1823 THAILAND R Farda fair in Persian with music 15/11 BC also 1920 JM & 2024 KAB**
 7730 0700 USA WRMI fair w/Overcomer Ministry in EE 17/10 JM (Noted w/ "AWR Wavescan" and "Somewhere in the Universe" prgms in EE around 0800 – 0815 other days)

7730 0810 USA RAE Argentina relay via WRMI fair in JJ to close 0900 16/10 JM
7730 0830 USA R Hobart Int via WRMI fair in EE to close 0900 13/10 (also 29/9) JM
7780 0556 USA WRMI relaying The Overcomer ministry in EE 8/11 BC
9330 0420 USA WBCQ Montecillo Maine strong w/'Worlds Last Chance Radio' EE relig, 24/11. Off 0500 w/idents for WBCQ & WLC Radio at the same time, a garbled mess! BCM**
9350 2035 USA, WWCR V weak with English relig prgm 31/10, KAB**
9415 0905 CHINA CRI fair in EE for Pacific // 15210 //17570 // 17690 1/11 JM
9420 0258 GREECE, Helleniki Radiophonia fair in Greek 5/11, KAB** also 2029 8/11 BC
9490 0413 FRANCE RFI (tent) weak in SS 5/11 BC
9500 1335 CHINA CNR-1 fair in CC 13/10 JM
9510 0255 VATICAN, VOA fair in Somali, ID on the hour, 5/11, KAB**
9515 0305 TURKEY VOT poor in EE to North America 26/10 JM
9525 1921 TURKEY VOT with Anti Kurdish B/C v good in Turkish 5/11, KAB**
9525 1948 FRANCE, R Denge Welat v good with vigorous comment in Kurdish (VOT in Turkish underneath see logging on 5/11) 7/11, KAB**
9580 1030 SINGAPORE BBC WS fair in EE (ex 9900) // 6195 29/10 JM
9680 1155 TAIWAN R Taiwan Int fair in CC 10/11 JM
9685 0945 CHINA CNR-5 fair in CC to close 1000 15/10 JM
9700 0559 TURKEY VOT excellent in Turkish w/music 1/11 BC also 0635 23/11 IDW**
9715 1848 AUSTRIA Bible Voice Broadcasting fair w/relig in EE 10/11 BC also 1915 9/11 JM
9740 0309 ROMANIA RRI fair in SS 30/10 BC also same time 4/11 BDW
9750 1825 ENGLAND BBC WS fair in FF for East Africa off 1830 10/11 JM
9755 0434 IRAN VOIRI fair in Hebrew 28/10 BC
9780 1940 AUSTRIA AWR fair in FF 7/11 BC
9790 0720 FRANCE RFI fair in FF for Africa off 0800 27/10 JM also same time 2/11 BC
9835 1107 MALAYSIA RTM Sarawak FM fair in Malaysian splatter from 9830 9/11 JD
9860 0720 ENGLAND KBS World Radio via Woofferton good in KK 17/11 BDW
9870 2031 SAUDI ARABIA, R Saudi fair in Arabic (Tent) 31/10 KAB**
9890 1110 CHINA CRI fair in RR 15/10 JM
11540 1350 MOLDOVA R Denge Welat poor/fair via Grigoriopol in Kurdish 10/11 JM
11550 2143 SAIPAN, RFA weak in Korean (Tent) 7/11 KAB**
11560 0448 INDIA AIR Bengaluru fair in AA 3/11 BC
11620 1919 INDIA AIR Bangalore excellent in EE, prgm on classical Indian music, ID 7/11 KAB**
11665 0156 MALAYSIA, RTM Wai, fair with rebroadcast of Limbang FM, ID, 31/10 KAB**
11670 0350 CUBA R Habana poor in SS for Sth America 8/11 JM
11680 0815 NORTH KOREA R Pyongyang fair in KK 18/10 JM
11710 0343 CHINA CRI good in RR with hip hop music 30/10 BC also 0320 2/11 off at 0400 JM
11720 2121 USA, VOA Greenville poor in English, v difficult to hear content 6/11, KAB**
11725 0628 NEW ZEALAND RNZI very good in EE w/old pops to the Pacific 23/11 IDW**
11745 1918 SAUDI ARABIA Al Azn Radio very good in AA w/music 15/11 BC also 1935 KAB**
11780 1730 FRANCE RFI Issoudun abrupt s/on vgd in Fulfulde language sked Sat/Sun only. BCM**
11800 0830 CHINA CNR-2 poor in CC 15/10 JM
11815 1620 VATICAN Vatican Radio poor in RR // 9705 21/10 JM

11820 1929 SAUDI ARABIA, BSKSA good with Koran in AA //11915 v good (Tent), 7/11, KAB**
 11865 1320 AUSTRALIA Reach Beyond poor in EE w/ID at s/off 1330 4/11 JM
 11875 0432 IRAN VOIRI in Turkish 5/11 BC
 11880 0720 AUSTRIA AWR fair in FF via Moosbrunn 18/10 JM
 11900 1315 CHINA CRI fair in EE to the Pacific 2/11 JM
 11905 0208 SRI LANKA SLBC poor in Hindi 9/11 JD
 11905 0458 OMAN BBC WS fair in Persian 5/11 BC
 11905 0700 CHINA CNR-6 poor in Hakka 18/10 JM
 11910 2138 JAPAN, R Japan/NHK fair in Japanese over piano music (Tent) 7/11 KAB**
 11930 0640 VATICAN Vatican Radio fair in FF to Nth America off 0645 21/10 JM
 11945 1245 AUSTRALIA Reach Beyond fair in EE w/ID at 1259 4/11 JM
 11950 1610 VATICAN Vatican Radio fair in FF to Africa, EE from 1615 – 1630 21/10 JM
 11955 1420 CHINA CRI fair in Indonesian off 1430 10/11 JM
 11980 0630 ROMANIA RRI fair in Arabic 18/10 JM
 11985 0320 KUWAIT R Free Asia poor/fair in CC 26/10 JM
 11995 1950 FRANCE RFI fair in FF for West Africa 15/10 JM also same time 4/11 BC
 12010 0245 NORTHERN MARIANAS RFA via Tinian Island fair in Tibetan 6/11 BC
 12015 1215 CHINA CRI poor in CC 2/11 JM
 12025 1415 AUSTRIA AWR fair in Urdu, off 1430 with address in Lahore Pakistan 2/11 JM
 12030 1905 SPAIN RNE good w/soccer match I n SS 9/11 BC
 12065 1200 OMAN BBC WS poor/fair in EE 2/11 JM
 12075 1445 VATICAN R Ashna fair in Pashto 2/11 JM
 12075 1850 VATICAN VOA via Santa Maris di Galeria fair in FF 17/11 BC
 12085 1345 GUAM AWR Voice of Hope fair in Thai, s/off at 1400 in EE 5/11 JM
 12095 0620 VATICAN BBC WS via Santa Maria di Galeria good in EE 23/11 IDW**
 13650 2350 JAPAN NHK World Radio poor in Burmese 8/11 JM
 13655 0105 CHINA CRI poor in CC for East Asia 7/11 JM
 13660 0720 CHINA CRI fair in EE "Beijing Hour" 8/11 JM
 13685 1410 TURKEY VOT fair in Uyghur to close 1425 5/11 JM
 13700 0530 CHINA CNR-13 poor in CC 8/11 JM
 13770 0010 CHINA CRI fair in Vietnamese 9/11 JM
 15100 2335 CHINA CRI fair in Cantonese 16/10 JM
 15135 0845 CHINA CRI fair in Indonesian // 17735 20/10 JM
 15150 1145 THAILAND VOA good in CC to s/off 1200 5/11 JM
 15160 0900 SOUTH KOREA KBS World Radio fair in KK 27/10 JM
 15225 1150 CHINA CRI fair in Czech for Europe off 1157 2/11 JM
 15245 0850 NORTH KOREA R Pyongyang fair in Russian // 13760 21/10 JM
 15270 0845 CHINA CNR-2 fair in CC off 0900 21/10 JM
 15350 0915 CHINA CRI fair in EE for South Asia 23/10 JM
 15360 0910 KUWAIT Mashaal Radio poor/fair in Pashto // 15755 21/10 JM
 15425 0045 PHILIPPINES VOA fair in CC 7/11 JM
 15425 0135 CHINA CRI poor/fair in Amoy to SE Asia 24/10 JM
 15610 2158 USA, EWTN excellent in English with relig B/C with ID, 15/11 KAB**
 15640 0039 PHILIPPINES FEBC fair in Chin Mro w/music 17/11 BC
 15720 0100 NEW ZEALAND RNZI poor in EE to the Pacific 7/11 JM
 15770 2148 BULGARIA, Bro Stair v good with usual EE relig prgms, 15/11, KAB**
 15785 0130 CHINA CRI poor in CC to SE Asia 24/10 JM

Local Contributors

BC	Brian Carr	Christchurch	Icom IC-R70, EWE
BCM**	Bryan Clark	Mangawhai	** Using the League's Northland SDR
BDW	Brian Webb	Upper Hutt	DE-1103 & AR-1733 with whips
IDW**	Ian Wells	Mosgiel	** Using the League's Northland SDR
JD	John Durham	Tauranga	SDR Play 2 Eavesdropper dipole antenna
JD**			** Using the League's Northland SDR
JM	John Mainland	Wellington	Kenwood R-1000, Philips D-2999, 20m longwire North-South
KAB**	Ken Baird	Wainuiomata	** Using the League's Northland SDR

Overseas Loggings

Freq	Time	Details
12050	2000	ASCENSION ISLAND R Ndarason Int in Kanuri language under WEWN 8/11 RDA
17800	1503	FRANCE Mini-Transat La Boulangere via Issoudun fair, weather forecast for yacht race in FF, then in EE, off 1558 with Mission Impossible theme 7/11 RDA

Note that reception of these overseas loggings may not be possible in New Zealand at the times listed.

Overseas Contributor

RDA	Rick D'Angelo	Wyomissing, PA, USA	Ten-Tec RX-340, Drake R-8B, Eton E1, Eton E5, Alpha Delta DX Sloper, RF Systems Mini-Window, Datong FL3, JPS ANC-4
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Contributions to this column may be sent to nzrdxlunder9@gmail.com or direct to the editor, Ian Wells, at iwellsnz@gmail.com or via snail mail to 16 Fenty Place, Mosgiel 9024.

Continued from page 12

1515-1617	7515g	KTWR	GUAM	31-Oct	JM
1530-1600	7550f	TWR	USA	10-Nov	JM
1530-1622	7530g	VOIRI	IRAN	6-Nov	JM
1530	6115g	RNZI	NZ	18-Nov	BDW
1555-1557	7205f	CRI	CHINA	18-Oct	JM
1615-1630	11950f	Vatican Radio	VATICAN CITY	21-Oct	JM
1750	7330f	CRI	CHINA	19-Sep	JM
1755-1800	7410p	CRI	CHINA	10-Nov	JM
1755	7420f	CRI	CHINA	10-Nov	JM
1817	7290f	IRRS	ITALY	7-Oct	JM
1848	5935	RRI	ROMANIA	30-Sep	BC
1848	9715f	Bible Voice B/casting	CANADA	10-Nov	BC
1910	7280f	VOV	VIETNAM	14-Sep	JM
1915	9715f	Bible Voice B/casting	CANADA	9-Nov	JM
1919	11620e	AIR	INDIA	7-Nov	KAB**
1930	7290f	IRRS	ITALY	29-Oct	JM
1958	7465g	VOA	USA	31-Oct	KAB**
2002	7475f	R Thailand	THAILAND	31-Oct	KAB**
2008	7360p	Vatican Radio	VATICAN CITY	29-Oct	BDW
2035	9350p	WWCR	USA	31-Oct	KAB**
2121	11720p	VOA	USA	6-Nov	KAB**
2158	15610e	EWTN	USA	15-Nov	KAB**

ENGLISH IN TIME ORDER

Editor

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Time Order summary of Shortwave BandWatch column. 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 column editor, 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.

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
0100	15720p	RNZI	NZ	7-Nov	JM
0305	9515p	VOT	TURKEY	26-Oct	JM
0410	6125f	VOT	TURKEY	4-Nov	JM
0420-0500	9330g	WBCQ	USA	24-Nov	BCM**
0430	7340g	Eye Radio	FRANCE	6-Nov	JD
0450	7285f	BBC WS	UK	4-Nov	JM
0458	7285f	BBC WS	UK	4-Nov	JD
0500	5875f	BBC WS	UK	30-Oct	JM
0520-0530	6155	NHK World Radio	JAPAN	16-Nov	BC
0529	6155	NHK World Radio	JAPAN	8-Nov	KAB**
0545	5935f	WWCR	USA	8-Nov	KAB**
0556	7780	WRMI	USA	8-Nov	BC
0620	12095g	BBC WS	UK	23-Nov	IDW**
0628	11725g	RNZI	NZ	23-Nov	IDW**
0644-0700	7345g	RRI	ROMANIA	4-Nov	BDW
0700	7730f	WRMI	USA	17-Oct	JM
0720	13660f	CRI	CHINA	8-Nov	JM
0825	5850p	WRMI	USA	28-Oct	JM
0830-0900	7730f	R Hobart Int	AUSTRALIA	13-Oct	JM
0905	9415f:15210:17570:17690	CRI	CHINA	1-Nov	JM
0915	15350f	CRI	CHINA	23-Oct	JM
1000	6195	BBC WS	UK	6-Nov	JD
1030	6195:9580f	BBC WS	UK	29-Oct	JM
1200	12065f	BBC WS	UK	2-Nov	JM
1245-1259	11945f	Reach Beyond	AUSTRALIA	4-Nov	JM
1315	11900f	CRI	CHINA	2-Nov	JM
1315	7510g	KTWR	GUAM	2-Nov	JM
1320-1330	11865p	Reach Beyond	AUSTRALIA	4-Nov	JM
1400	12085f	AWR	USA	5-Nov	JM
1500	7485f	BBC WS	UK	31-Oct	JM

Continued on page 11

SHORTWAVE REPORT



Editor

John Durham

Tauranga

email

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AUSTRIA

Reception of Oesterreichischer Rundfunk in 49mb on November 4:

0600-0720 on 6155 MOS 300 kW / non-dir to WeEu German Mon-Fri, very good

0600-0710 on 6155 MOS 300 kW / non-dir to WeEu German Sat/Sun Winter B19Via
swldxbulgaria.blogspot.com/2019/11)

FRANCE

Unscheduled time/frequency of Radio France International November 17

0800&1300 on 11700 ISS 500 kW / 185 deg to WCAf French, very good-unscheduled

0600-0700 on 11700 ISS 500 kW / 150 deg to CeAf French, as scheduled RFI B-19

0700-0800 on 11700 ISS 500 kW / 185 deg to WCAf French, as scheduled RFI B-19

1200-1300 on 17620 ISS 500 kW / 200 deg to NWAf French NOT ON AIR November 17

Radio France International in French is not on SW 0900-1200UT 1300-1700UT

(Via swldxbulgaria.blogspot.com/2019/11)

GERMANY

Reception of DWD Deutscher Wetterdienst in 49mb, November 14

0600-0630 on 5905 PIN 010 kW / non-dir to CeEu German AM mode, good

0600-0630 on 6180 PIN 010 kW / non-dir to CeEu German AM mode, Good

(Via swldxbulgaria.blogspot.com/2019/11)

Voice of Oromo Liberation via MBR Nauen, November 13

1700-1704 on 9610 NAU 100 kW / 144 deg to EaAf open carrier / dead air and then

1704-1759 on 9610 NAU 100 kW / 144 deg to EaAf Afan Oromo Wed, verygood signal

(Via swldxbulgaria.blogspot.com/2019/11)

GREECE

Good signal of Voice of Greece in 31mb November 15 0750&0755 on 9420 AVL 150 kW /

323 deg to WeEu Greek*tx#3: *Arabic/Serbian news and transmitter switches off at 0804UT

(Via swldxbulgaria.blogspot.com/2019/11)

MADAGASCAR

Good signal of WCB KNLS Madagascar World Voice, November 13

1800-1900 on 9885 MWV 100 kW / 355 deg to EaEu Russian tx#2 New Life Station

1900-2000 on 9845 MWV 100 kW / 355 deg to EaEu Russian tx#2 New Life Station

Wrong frequency announcement with Summer A-19 schedule on 11885 kHz and wrong

9690 kHz (A-19 9845), instead of current B-19 schedule: 9885 kHz and 9845 kHz

(Via swldxbulgaria.blogspot.com/2019/11)

MONGOLIA

Voice of Mongolia, Ulaanbaatar 12085. Nov 10, 2019. 0900-0912, in English. IS and ID; Woman presents news; 0905 A song. Barely audible reception, 25411.
(Via HCDX Jose Ronaldo Xavier SWARL Callsign PR7036SWL Cabedelo, Brazil)

OMAN

Reception of Radio Sultanate of Oman RSO in 19mb on November 17:
1000-1037 on 15145 THU 100 kW / 315 deg to WeEu NO SIGNAL EMPTY CHANNEL
1037&1200 on 15145 THU 100 kW / 315 deg to WeEu Arabic-fair/good Signal
(Via swldxbulgaria.blogspot.com/2019/11)

THAILAND

HSK9 Radio Thailand World Service in 31mb, November 13:
1400-1430 on 9940 UDO 250 kW / 132 deg to SEAs English,
weak&poor<https://swldxbulgaria.blogspot.com/2019/11/>

VATICAN

Voice of America via Santa Maria di Galeria on November 14 0530-0630 on 9885 SMG 250
kW / 193 deg to WCAf French Mon-Fri, very Good
(Via swldxbulgaria.blogspot.com/2019/11)

USA

WBCQ-6 World's Last Chance Radio from November 28

2300-0057 on	9330	BCQ 500 kW	/ 175 deg to BRAS	Portuguese
0100-0257 on	9330	BCQ 250 kW	/ 245 deg to ENAm	English
0300-0557 on	9330	BCQ 250 kW	/ 270 deg to CNAm	English
0600-0857 on	9330	BCQ 250 kW	/ 280 deg to WNAm	English
0900-0957 on	9330	BCQ 500 kW	/ 076 deg to PORT	Portuguese
1000-1057 on	9330	BCQ 500 kW	/ 076 deg to SPAI	Spanish
1100-1257 on	9330	BCQ 500 kW	/ 180 deg to NSAm	Spanish
1300-1357 on	9330	BCQ 500 kW	/ 220 deg to CeAm	Spanish
1400-1557 on	9330	BCQ 250 kW	/ 300 deg to WCAN	English
1600-1757 on	9330	BCQ 500 kW	/ 057 deg to U.K.	English
1800-1857 on	9330	BCQ 500 kW	/ 054 deg to GERM	German
1900-2157 on	9330	BCQ 500 kW	/ 070 deg to NWAf	Arabic
2200-2257 on	9330	BCQ Super Power Staion	IS NOT ON AIR	

(Via HCDX 29/11 & Ivo Observer)

KNLS Anchor Point Alaska According to a schedule coming into effect on November 18,
have switched to a single transmitter operation, as follows:

0800-0900 on	6075	NLS 100 kW	/ 270° to SEAs	English tx#1, ex via tx#2
0800-0900 on	7370	NLS 100 kW	/ 285° to EaAs	Chinese tx#1 is cancelled
0900-1000 on	6120	NLS 100 kW	/ 300° to NEAs	Russian tx#1, ex via tx#2
0900-1000 on	7370	NLS 100 kW	/ 285° to EaAs	Chinese tx#1 is cancelled
1000-1100 on	9665	NLS 100 kW	/ 285° to EaAs	Chinese tx#1 as scheduled
1000-1100 on	6115	NLS 100 kW	/ 270° to SEAs	English tx#2 is cancelled
1100-1200 on	6045	NLS 100 kW	/ 300° to NEAs	Russian tx#1, ex via tx#2
1100-1200 on	9665	NLS 100 kW	/ 285° to EaAs	Chinese tx#1 is cancelled
1200-1300 on	9665	NLS 100 kW	/ 270° to SEAs	English tx#1 as scheduled
1200-1300 on	11670	NLS 100 kW	/ 270° to SEAs	English tx#2 is cancelled

1300-1400 on 11785 NLS 100 kW / 300° to NEAs Chinese tx#1 as scheduled
1300-1400 on 11670 NLS 100 kW / 300° to NEAs Chinese tx#2 is cancelled
1400-1500 on 11670 NLS 100 kW / 270° to SEAs English tx#1, ex via tx#2
1400-1500 on 11830 NLS 100 kW / 300° to NEAs Chinese tx#1 is cancelled
1500-1600 on 11830 NLS 100 kW / 300° to NEAs Chinese tx#1 as scheduled
1500-1600 on 11755 NLS 100 kW / 300° to NEAs Russian tx#2 is cancelled

SHORTWAVE NEWS

AUSTRIA

Special 100 kW Marathon of Channel 292 via Moosbrunn on Dec.26
(Via [wldxbulgaria.blogspot.com/2019/11.SWLDXBulgaria News November 5](http://wldxbulgaria.blogspot.com/2019/11.SWLDXBulgaria%20News%20November%205) (publications №22617-№22622) [Have not seen a frequency for this yet. Editor]

DENMARK

Stig Hartvig Nielsen of World Music Radio confirmed that WMR will be allowed to use 5840 and 15805 kHz again soon:0000-2400 on 5840 RND 0.1 kW /non-dir to WeEu English Daily & 0700-2000 on 15805 RND 0.2 kW /non-dir to WeEu English Sat/Sun.
(Via swldxbulgaria.blogspot.com/2019/11)

GERMANY

Hamburger Radio.Unfortunately, our colleague, friend and radio manager Michael Kittner died last Friday!

For this reason, it will for the time being also no further broadcasts of our program on shortwave!

What the future holds, I cannot say at the moment - only so much, that our Hamburg local radio has to restructure completely, because Michael Kittner was, so to speak, the main player in things producing broadcasting material.

I ask on behalf of the entire staff of our transmitter understanding that the priorities are currently different! With friendly greetings from Hamburg! Peter Maiwald (Acting Program Manager)

(via Roger Thauer-D, A-DX Nov 8 / 16 Via WWDXC)

From November 18 The Overcomer Ministry TOM / Brother Stair has bought up every spare minute via Channel 292 Rohrbach on 6070 kHz 0000-2400 on 6070 ROB 010 kW / non-dir to CeEu except scheduled pxs Thank you for Brother Stair for supporting our station in hard times!

(Via swldxbulgaria.blogspot.com/2019/11)

LUXEMBOURG

Brief return to shortwave 6030.1, Eifeler Radiotage, Junglinster, 1900-1909, 09/11, German, comments, male, female, songs. 24322 . (Via Méndez. Log in Friol Tecsun S-800.)

JAPAN

7525 kHz Special Broadcast of Asian Broadcasting Institute.

Japanese DX'ers institute specialized for broadcasting in East Asia, will broadcast special shortwave transmission for celebrating their 40th anniversary as below:

DATE: December 6, 7, and 8, 2019 (rebroadcast of December 6, on December 7 and 8)

TIME: 1330-1400 UTC FREQUENCY: 7525 kHz

LANGUAGE: Japanese and Chinese (opening/closing announcements are in Japanese,

Korean, Chinese, English).

Comments and reception report are welcome. Special QSL card will be issued for correct reception report, the method for reporting will be announced in the broadcast.

Their address: P.O.Box 2334, Ginza Branch, 100-8698 Japan
Their URL: <http://www.abiweb.jp/>

Transmitter site is not announced, but presumed Tashkent * .

(Via Takahito Akabayashi Tokyo, Japan (Nov 17) via Wolfgang Bueschell)

PERÚ

Radio Tarma, 4775kHz are testing their new 1.4kw transmitter. 1000-1400 & 2000-0200 UTC. (Via HCDX 24/11 & Manuel Méndez. Lugo Spain)

SPAIN

Platja de Pais The former Transmitter site for Radio Liberty.

It's March 23, 1959. The radio waves crackle and broadcast begins: “Govorit Radio Svoboda” (Говорит Радио Свобода - “This is Radio Liberty speaking...”)

From the other side of the Iron Curtain, the radio broadcasts of US-funded Radio Liberty reached deep inside the Soviet Union. This was an opening line destined to enter Cold War folklore.

What most of those clandestinely tuning in could not possibly imagine is the unlikely location those broadcasts were coming from.

This quiet beach resort of Platja de Pals, Spain, tucked between the Mediterranean Sea and the greenery of pine groves and rice paddies, makes for an unlikely Cold War front line, but this is exactly the role it played for nearly half a century.

At this spot, some 150 kilometers north of Barcelona, Catalonia's rugged Costa Brava opens up into a large bay lined by a long sandy beach, the perfect location for what was to be one of the most powerful broadcasting stations in the world.

Strategic location

In the mid-1950s, and after nearly two decades of international isolation for Francisco Franco's Spanish dictatorship, the increasing tensions of the Cold War provided the background for a rapprochement between Spain and the United States.

In this new Cold War context, Washington took an interest in Spain's strategic location. General Franco, himself a staunch anti-communist, was happy to oblige. In a landmark deal, the United States was provided with a string of bases on Spanish soil, while Franco's dictatorship would see its relations with the West restored.

The setup of Radio Liberty's broadcast station in Pals was a side effect of this new geostrategic reality.

From 1959 to 2006, this beach was home to 13 massive antennas (the largest of them 168 meters high, or more than half the size of the Eiffel Tower). This spot was favored not only because of the availability of space -- the antennas were laid out in a mile-long line parallel to the shore -- but also because it provided direct, unimpeded access to the sea. A physical

phenomenon called tropospheric propagation makes it possible for radio waves to travel further over water.

Beachside broadcast

The Pals station was part of the larger Radio Liberty network that was headquartered in Munich. Content was also produced in West Germany, translated into the different languages of the Soviet Union, and then sent to Pals for broadcasting.

At its peak, some 120 people worked at the site, some American, but also quite a few locals. The radio station, though, physically cut off from its surroundings, was a mysterious off-bounds world. Yet, at the same time, Radio Liberty's towering antennas, that were brightly illuminated at night, were always a looming presence for the many holidaymakers flocking to the nearby beaches each summer.

For decades Radio Liberty's broadcasts were one of the few ways Soviet citizens had to get uncensored news from abroad. Even Mikhail Gorbachev, the then president of the Soviet Union, stated that it was Radio Liberty that kept him informed of what was going on during the putsch attempt of August 1991, when he was briefly detained at his summer residence in Crimea.

Off the air

However, this historical moment Gorbachev alluded to turned out to be Radio Liberty's swan song. With the dissolution of the Soviet Union, the Pals facility lost its raison d'être. It soldiered on through the 1990s, only to finally close down in 2001.

This opened a public debate about what should be done with the site.

Some suggested turning it into a museum and preserving at least one of the antennas as a memorial; others wanted to get rid of it altogether.

The latter group finally prevailed -- but only as far as the antennas were concerned.

On March 22, 2006, five years after the final broadcast, the 13 antennas, some 700 tons in all, were brought down in a simultaneous controlled demolition.

With the antennas gone, the territory where they once stood was turned into a nature conservation area.

Decades of disuse

Today, most of the buildings within the radio station's perimeter remain in place. Uncared for and exposed to the elements, particularly the northerly gales that whip this coast in winter, they're crumbling after almost two decades of disuse.

The place has acquired the dilapidated aspect that is so familiar to those that have visited other abandoned Cold War sites: the feeling of stepping into a time capsule.

This atmosphere inspired Catalan artist Marina Capdevila, who is known for her large-scale murals.

In the summer of 2018 she worked on the roof of Radio Liberty's main building over a period of 12 days. The result is an eye-catching, colorful, mural painting that covers some 2,000

square meters of surface.

“When I discovered this place I was quickly amazed by its potential, by the possibility of turning these abandoned, decaying, buildings into something beautiful. My partner, who happens to be from the area, had brought a small drone with him and this gave us the idea of doing something that could only be seen from bird’s-eye view,” Capdevila explains. “It was hard work in the middle of the summer; we had to carry lots of paint all the way to the roof. Luckily I had other people helping me.”

One year later, the painting is still there, mostly for the birds to enjoy. A last homage to this forgotten Cold War hotspot.

(Via Tracy Wood CNN & SW Listening Post 12 October 2019)



The freshly painted Radio Liberty building



The Radio Liberty antenna masts

NEW STATION 11890, Radio Nyawa Sarawak, *1000-1010, 27/11, open with music, male, Malaysian, comments id. “Radio Nyawa Sarawak”, “www.radionyawasarawak.org”, male and female comments. Clear signal. 25322 Manuel Mendez.

On air Mondays, Wednesdays and Fridays from 1000 to 12000 UTC.(Via HCDX Ron Howard & Manuel Méndez Spain. [Noted at 1100 at poor to just fair level by ye Editor]

BROADCAST NEWS

Editor

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Mangawhai

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NEW FORMAT ON 1690, MIKE DOES ALASKA

NEW ZEALAND Super DX sleuth Theo Donnelly has done it again! Having suspicions about the status of MediaWorks synchro twins on **1107**, he has received confirmation from Broadcast Engineer John McCallum that there is 5kw at Maketu and normally 3kw at Hinemoa Point (Rotorua, Ed) but the latter has died and is currently “sitting in our workshop waiting parts with a fix a work-in-progress as we are not yet certain of the fault or its cause. It wasn’t a fault we felt we could fix on site so bought it back to Auckland, approximately 200Kg of it!”

AUSTRALIA Noting an item in the November ADXN about a possible move to FM for 2AD Armidale, Their website says: “There are some changes coming up in the near future for **1134** 2AD, so watch this space later in the year.” (BC)

The official data on Australian broadcasting licences is maintained by ACMA. Please note that the ACMA has recently changed most of its links. To access the current ACMA Radio TV Handbook, the new link is: www.acma.gov.au/list-transmitters-licence-broadcast For the ACMA Database, the link is: https://web.acma.gov.au/rrl/register_search.main_page (Robert Copeman via ICDX-AM io Group)

ALASKA

820 KCBF Anchorage granted STA, U1 10kw day & night from KFAR-660 site; has lost licensed tower site. (NRC)

ALGERIA A new broadcasting service from RTA (Algeria). Broadcasting on **576** kHz started on 29 November from Kenadsa (Bechar) according to MW List details. The power listed is 400 kW. They were airing Radio Bechar program (not \\ with Chaine 1), but probably they will connect to RTA-Ch1, as other stations do with R. Coran, R. Culture and so on. According to some listeners in Murcia (Spanish southeastern coast), it is causing interferences to RNE-R5 Murcia on 567 kHz. (Jorge Garzon-ESP via BrDXC-UK via WWDXC Top News)

BENIN TWR Africa was heard testing their new **1476** frequency with power of 35kw in early November. The antenna beam is understood to be targeting Nigeria. (Mauno_Ritola via Real DX io Group)

CANADA

930 CFBC Saint John NB granted permission to remove 3 of the existing 4 towers, reduce day power from 50kw to 2kw, and reduce night power to 150 watts. (Dan Sys IRCA)

1350 CIRF Brampton ON new station Construction Permit U1? 1kw day & night, granted change of site and extension to 21 October 2020 to get new station on the air. (NRC)

COLOMBIA

1380 HJMM La Nota, Valledupar ex Vida. (Torolf Johnsson ARC via IRCA)

- 1400 HJAS La Cariñosa, Barranquilla, ex RCN Barranquilla. (Fredrik Dourén, ARC)
 1470 HJII Esperanza Colombia Radio, Medellín. This is the first Adventist station in Colombia started on 26 October 2019. Ex Aviva 2, ex Radio Popular. (Mauricio Molano, mwcircle via IRCA)
 1580 HJQT Candela 1580, Bogotá, new slogan (Jorma Mäntylä ARC via IRCA)

COOK ISLANDS Here is a street view picture of the mast carrying the reactivated **630kHz** transmission via the old 1kw standby transmitter. It's at Black Rock. Only one mast can be seen but the 'T' part of the aerial can be clearly seen.

https://www.google.co.nz/maps/@-21.2072196,-159.8218942,3a,15y,172.58h,114.58t/data=!3m7!1e1!3m5!1sAF1QipMZEJQctbewlltco__fQim8wEg3VqZpqmm2hHdC!2e10!3e11!7i11000!8i5500 (Paul Rawdon via MW Masts io Group)

GUAM KUSG 1350 and KVOG 1530 in Agaña both went silent on 18 October due legal problems with transmitter site. (NRC)

HAWAII

- 570 KUAI Eleele has new slogan "Kauai's Country AM 570 and 104.5 FM". (IRCA)
 790 KKON Kealakekua had its license cancelled on 19 September. (Denis Gibson)
 850 KHLO Hilo was silent, now airing religious teaching. (all via IRCA)

MEXICO XEPRS in Tijuana on **1090** changed programme formats from Spanish Contemporary Hits to Adult Hits on 30 October. (Mike Sanburn & Martin Foltz IRCA)

PERÚ The Radio Union **880** website www.radiounion.pe is up and running. I listened their stream, FM carries Radio Union program and AM has IPDA. At times (not too often) AM plays the Radio Union ID with their street address Avenida Jose Pardo. Just speculating, but it seems that Radio Union has sold the whole AM program time to IPDA. (Jari Savolainen via Real DX IO Group)

PUERTO RICO

- 600 WYEL Mayagüez applies to extend STA, U1 1.25kw day & night.
 1430 WNEL Caguas granted STA extension, U1 with 2.3kw day & night from partial tower. (via NRC's "DX News")

SPAIN RNE Winter schedule of Local and Regional breakouts, Monday to Friday: 0625-0630 (R5TN Local), 0645-0700, 1804-1806 & 1920-1930 (all R1//R5TN Regional). (Mauricio Molano, mwcircle e-list via IRCA – abridged to exclude times that would be propagationally impossible in NZ. BC)

USA On 22 November the Federal Communications Commission adopted a Notice of Proposed Rule-making that recommends giving AM stations the flexibility to voluntarily adopt all-digital broadcasting. Many AM stations experience interference from electronic devices and other sources that affects audio quality. All-digital broadcasting offers AM broadcasters the potential to improve their signal quality and area of listenable coverage, as well as offer additional services that FM broadcasters currently offer, such as song and artist identification. It also holds the potential to allow AM stations to increase their options to include music formats. In today's NPRM, the Commission proposes to allow AM stations to voluntarily transition to all-digital transmission. The Commission also proposes establishing operating parameters for all-digital stations to minimize any risk of interference. Finally, the Commission proposes adopting the industry-approved standard for hybrid and all-digital broadcasting. This Notice of Proposed Rulemaking continues the Commission's effort to revitalize AM broadcasting by enabling it to provide a better listening experience and enhanced service offerings. (Mike Schaffer via ICDX-AM Group) [The implications of this

proposal for DX reception are yet to be realised but I know that IBOC has made DX reception more challenging in some cases. BC]

USA (items from NRC's "DX News" magazine)

- 580 KIDO Nampa ID Networks to Fox/P/DRCMP//C2C. (Wayne Heinen)
- 660 KGSV Oildale CA applies to extend STA, U1 2000/1250.
- 690 KOLT Terrytown NE (ex-KOAA) - format to NWS/TLK/SPT (ex-REL); networks to Fox/P/Ru/DR/FSR/C2C; adds // K269DO-101.7.
- 770 KKOB Albuquerque NM networks W1n/Ru/P/WW1/RER. (Wayne Heinen)
- 820 WBAP Fort Worth TX networks to W1n/Ru/P/WW1/RER. (Wayne Heinen)
- 890 WLS Chicago IL networks to W1n/CMP/Ru/WW1/JBo/RER. (Wayne Heinen)
- 920 KARN Little Rock AR granted STA, U1 1250/1250, can't switch patterns.
- 950 WORL Orlando FL granted STA extension, U2 12kw/10kw due Cuba QRM.
- 1010 KXEN St. Louis MO granted STA extension, U5 50kw days, 125 watts nights at 38-38-09/90-11-45. Format to TLK (ex-REL); slogan to "Freedom 1010," networks to USA/SRN. (Eric Bueneman)
- 1060 KTNS Oakhurst CA slogan & Group to Radio Lazer.
- 1180 KGOL Humble TX format to SS (ex-Spanish Sport). (John Wilkins)
- 1250 KFOG Little Rock AR granted STA, U3 1.2kw day & night, can't switch patterns.
- 1290 KOWB Laramie WY granted STA, reduced day power (U4 1kw day & night), getting new 5 kW day transmitter.
- 1300 KKOL Seattle WA CP for U4 50kw/3.2kw, new site (diplexed with KLFE-1590) at 47-39-19/122-31-06, is on the air.
- 1310 KIQQ Barstow CA slogan & Group to Radio Lazer.
- 1320 KNIT Salt Lake City UT new slogan is "Your Network of Praise." (John Wilkins) Granted CP with U1 730 watts day & night from new site (diplexed with KJJC-1230) at 40-39-57/111-54-26.
- 1320 KOLT Scottsbluff NE call change to KOAQ on 11 November, currently silent.
- 1370 KFRO Longview TX granted STA extension, U1 1000/108.
- 1380 KXFN Saint Louis MO format to SS:REL (ex-TLK); slogan to "Relevant Radio," networks to IHR. (Eric Bueneman)
- 1410 KZEY Marshall TX call change to KCUL on 22 October.
- 1420 WOC Davenport IA slogan changed to "News Talk 1420." (Wayne Heinen)
- 1450 WKAT Miami FL slogan to "Radio Luz Miami," adds 101.9 FM.
- 1480 KQAM Wichita KS networks to W1n/DR/Fox/CMP/JBo/MRN. (Glenn Hauser & Wayne Heinen)
- 1500 KSJX San Jose CA granted STA, U4 with night pattern 24 hours, 5kw.
- 1520 KOKC Oklahoma City OK networks to W1n/Ok/Oa/CMP/Fox/BRR/RE. Wayne Heinen)
- 1570 KPRO Riverside CA license cancelled by FCC; silent since Aug. 3, 2018.

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

- 730 KDBI Boise ID has been heard back on air at night with co-channel CHMJ. (Pete Taylor via Mike Sanburn)
- 760 KFMB San Diego CA is up for sale, with format and call change likely. There is speculation that iHeart might buy 760 AM. If it does, it would probably move sports talk from KLSD 1360 to the much stronger 760 AM signal and sell off 1360. (Steve Mittman via Mike Sanburn)
- 770 WABC New York NY is rebuilding their tower light system. They are at reduced power using an auxiliary stick with considerably less signal strength. WJR 760 and WBBM 780 are now prominent here at night. (Karl Zuk via Mike Sanburn)
- 830 WACC Hialeah FL has new slogan: "La Emisora del Cordero de Dios"
- 880 WZAB Sweetwater FL format is now Relevant Radio religious teaching.
- 990 WNTP Philadelphia PA has new slogan "AM 990 The Answer".

- 1050 KJBN Little Rock, AR new slogan “The Music You Want and The Truth You Need”.
- 1080 WQOS Coral Gables FL new format is Relevant Radio religious teaching.
- 1240 KRDO Colorado Springs CO new slogan: “Where The News Comes First”
- 1410 WHBT Tallahassee FL now carries ‘Your Network of Praise’ network.
- 1430 KYKN Keizer OR new slogan: “1430 AM KYKN”
- 1450 WRLL Cicero IL new slogan is “WRLL 1450 – The Real”.
- 1480 WVOI Marco Island, FL was silent, now Relevant Radio religious teaching.
- 1510 KGA Spokane WA now operates from a single tower which also carries KJRB 790, requiring large power decreases at night to run non-directional: KGA to 540 watts and KJRB to 34 watts. The owner’s decision was made almost two years ago as listenership moved to the station’s FM translators, and real estate values on the tower site kept increasing. Ironically, it was exactly 50 years before this decision (1968) that KJRB and KGA were competitors in the Top 40 music format. At night, KGA could be heard like a semi-local from San Diego to Vancouver and East through most of the Canadian Prairies. (Jon Pearkins) [...and of course regularly into NZ! BC]
- 1530 KXTD Wagoner OK is requesting permission to operate at lower than its licensed 5000 watts and to do it Non directional after a trampoline flying through the air during a tornado toppled one of their towers. (Paul Walker via Mike Sanburn in the IRCA IO Group)

USA - ESPN Radio Local Breaks vary plus or minus a minute or so. Identification can come at any time in the break. Usually as a slogan. eg “ESPN 1000” or “ESPN Chicago” rather than call letters From observations I have: :15-:20 past the hour, :25-:30, :45-:49 and :56-00 (ABDX eGroup via IRCA)

US VIRGIN ISLANDS The FCC has cancelled the licence for WUVI **1090** at Charlotte Amalie on 23 September. (Dennis Gibson IRCA IO group via Mike Sanburn)

VANUATU Continuing last month’s update on VBTC’s infrastructure upgrade to improve radio and free-to-air television service throughout Vanuatu: .The second phase, beginning early 2020, will reopen Radio Vanuatu’s medium wave radio transmission facilities at St Michelle in Luganville on the island of Santo. This will provide AM service to provinces in the top half of Vanuatu at a cost in excess of 300 million vatu (US\$2.5m). Kordia New Zealand Limited has been awarded the contract to project manage, design, install and commission the new radio transmission facilities beginning with the facilities at Emten Lagoon outside Port Vila. Alongside the infrastructure upgrade, is an extensive programme to strengthen the technical capacity of Vanuatu’s broadcast technicians along with a long-term maintenance regime to expand the life of the equipment. (VBTC 23/9 via Peter Marks via SWLing Post via Paul Rawdon)

VENEZUELA

- 780 YVMN Radio Coro is again active. (Arne Nilsson ARC 19/10 via IRCA)
- 620 YVZC Radio Fé y Alegría, Guasdalito back on air. (Jan Edh ARC via IRCA)
- 860 YVOL Radio Mundial, San Cristóbal – DXer Dr Ricardo Benvenuto from San Cristóbal informs that Radio Mundial 860 has resumed its broadcasts on 1 September. (Santiago San Gil G, Cadena DX fb 1/9 via IRCA)
- 1130 YVRL Radio Ideal, Maiquetía heard testing via SDR Bonaire. (Mauno Ritola and Tore Larsson, ARC via IRCA)
- 1190 YVZD Radio Cultural del Táchira has resumed its broadcasts on according to a telephone report by DXer Dr Ricardo Benvenuto (Santiago San Gil G, Cadena DX fb 4/9 via IRCA)
- 1320 YVWP Radio Apolo has been noted back on air. (Jan Edh, ARC via IRCA)

X-BAND REPORT

ARGENTINA The AM station operating from the town of Laboulaye, in the province of Córdoba, on **1610** Khz, is now broadcasting the signal of the FM station “Magica FM” 106.1 Mhz from the same city. 1610 began its transmissions in 2012, initially identifying as “ AM 1610 Radio Regional” and then as “ Radio Comunitaria Regional”. It was the second AM station in the City, in addition to the already known LV20 Radio Laboulaye 1440 Khz. Currently, its central studios are located at Calle Presidente Gral. Julio A. Roca 32 de Laboulaye, Teléfono: (03385) 42-5199. (Argentina en AM Y FM Facebook page 11/19)



NEW ZEALAND Slightly off the MWBC topic, but all Kiwi X-Band DXers will be aware of this ‘station’ on the X-Band: Member Svenn Martinsen advises of a rare reception from New Zealand’s non-directional radio beacon TM Taumarunui on AM **1630** kHz in Norway! Reception occurred on the Arctic SDR on 21 November between 1255 and 1404z, a distance of 15974 kms! The signal was mostly unintelligible and very weak, indeed with only a few minor peaks. Absolutely marginal. There was slight interference from Australian stations on 1629 kHz.

My report was verified after 10 hours by David, of the Civil Aviation Authority of New Zealand. He says: “I can confirm that 1630KHz is indeed the Taumarunui NDB, and the morse on your recording is correct for this navaid. It is a 50W transmitter” (via DXing.info Facebook page)

USA

- 1620 KSMH West Sacramento CA good with top of the hour ID as “Always loud and clear on your connected device . . . KSMH, West Sacramento, Relevant Radio 1620 AM”. (Stephanie Battaglini CA via NRC)
- 1660 WBCN Charlotte, NC has new slogan: “Fox Sports Charlotte 1660 AM and 94.7 FM, 103.7 HD”. (IRCA)
- 1690 WPTX Lexington Park MD with ID as “You’re listening to southern Maryland’s favourite soft music WPTX 1690 AM Lexington Park, Maryland”. (John Johnston-AZ via IRCA)
- 1690 KDMT Arvada CO change of format from Business to Religion, slogan “Relevant Radio”, Immaculate Heart Radio network. (NRC)

KINGS OF THE KILOCYCLES

Contributions this month from **TONY KING** in Greytown and **MIKE SMITH** of Opunake who sends along a trail of loggings mainly heard on the League’s SDR in the Bay of Islands. Mike writes: “yet to sit down and sort out the recordings to see if there’s sufficient for credible reports! They are – JOIK 567, KBBI 890, CFPR 860, JOQR 1134, 5PA 1161 and NHK1 1602. No luck with any QSLs this month, either by Facebook, email or anything else. I did get a response from Brazil’s Radio Deus e Amor on Messenger, but it google translated as “We are pleased you have contacted us. If you would like a prayer request click this link” . I might resort to snail mail and send them a nice Christmas card with a hardcopy report.” *[Great to*

get the positive news from your specialist Mike! A new year is around the corner – 2020 means perfect vision, and why not perfect DX as well! BC]

MEDIUM WAVE TRAIL

Thanks to::

MWS Mike Smith Opunake with DR31 and EWEs NNW and West.

MWS** Mike Smith listening on the League's Northland SDR.

TK Tony King Greytown with Tecsun PL380 and a flock of EWE's.

- 567 1015 JAPAN JOIK NHK1 Sapporo fair, steady during Titahi Bay outage 21/11. MWS**
- 670 0910 ALASKA KDLG Dillingham weak but clear with Jazz //webstream 26/11. MWS**
- 680 1135 UNID suspected KBRW. Continuous music lasted for 3 songs then gone 22/11 MWS**
- 690 0740 USA KHNR Honolulu HI 'Patriot' talk 7/11 TK
- 780 0933 ALASKA KNOM Nome dominant with 60s rock n roll 26/11 MWS**
- 780 0730 USA KKOH Reno NV Sean Hannity talk 15/11 TK
- 850 0905 ALASKA KICY Nome powerhouse signal with RR pops 26/11 MWS**
- 860 0803 CANADA CFPR presumed w/"CBC" poor,mixed // 1010 26/11 MWS**
- 890 0830 ALASKA KBBI Homer good at times w/Jazz prgm //web 26/11 MWS**
- 940 0827 USA KFIG Fresno CA strong ESPN 15/11 TK
- 1010 0807 CANADA CBR Calgary vg with male/female discussing politics 26/11.
- 1020 0730 USA KTNQ Los Angeles CA Sports/talk SS/EE mix 7/11 TK
- 1030 0815 USA KTWO Casper WY Talkback 15/11 TK
- 1050 0820 USA KTCT San Mateo CA Sports talk 15/11 TK
- 1110 0800 USA KFAB Omaha NB YL sports talk 15/11 TK
- 1134 0900 JAPAN JOQR Tokyo fair JJ talk. Audible at home but better on SDR 20/11 MWS**
- 1140 0800 USA KHTK Sacramento CA Sport discussion 15/11 TK
- 1161 1030 AUSTRALIA 5PA & 4FC fighting it out during Titahi Bay outage 21/11. MWS
- 1210 0816 USA KPRZ San Marcos CA Rel. Ernie Sanders talk 21/11 TK
- 1260 0915 JAPAN JOIR Sendai good over TAB 20/11 MWS
- 1410 0755 CAN CFTE Vancouver BC Fox Sport TK 15/11
- 1460 0755 USA KION Salinas CA Talk C2C 15/11 TK
- 1602 1130 JAPAN NHK1 orchestral/operatic with "Hoso" mention on half hour 22/11 MWS**



OK guys, Christmas and the Summer Holidays are nigh, so let's see if we can have a much better turnout next time! The League's 2 SDRs are available for DX and performing great as Mike's logs above will show. I've had a good excuse moving to a new house and needing to re-erect my antennas but will be doing my best to be back at the dials by Christmas. All the best for the festive season, and good health and DX in 2020! BC

NORTH AMERICAN X BAND AT-A-GLANCE 12/2019 (thanks to Tony King)

1610	XEUACH	Chapingo	MX	Radio Chapingo
	CHHA	Toronto	ON	SS 'Radio Voces Latina' Fq ID in SS & EE
	CHRN	Montreal	QC	South Asian Format. Radio Humsafar
1620	KSMH	W. Sacramento	CA	Rel. 'IHR (Immaculate Heart Radio) Sacramento'.
	R Rebelde	R. Rebelde	CU	(6 Tx) SS .Distinctive 5 note chime on hour. Sync echo.
	WNRP	Gulf Breeze	FL	News/Talk Fox News "News Radio 1620"
	KOZN	Bellevue	NE	Fox Sport "The Zone"
	WTAW	College Station	TX	'Newstalk 16-20 WTAW' Takes C-to-C AM
	WDHP	St Croix	USVI	"ID 103.5 The Reef" Caribbean mx dominates.
	KYIZ	Renton	WA	Urban contemporary //KRIZ " Z Twins"
1630	WRDW	Augusta	GA	Silent. 07/2019
	KCJJ	Iowa City	IA	Oldies. " The 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 jota La Mexicana"
1640	KDIA	Vallejo	CA	Talk/religious/life issues
	WTNI	Biloxi	MS	C & W. The Possum
	KZLS	Enid	OK	News/Talk
	KDZR	Lake Oswego	OR	Conservative Talk "Talk 1640"
	KBJA	Sandy	UT	'K-Talk KBJA'
	WSJP	Sussex	WI	Rel. Catholic. " Relevant Radio 1640 AM"
1650	KFSW	Fort Smith	AR	Contemporary Christian
	KFOX	Torrance	CA	Radio Seoul. Korean/ EE ID on hour
	KBJD	Denver	CO	SS Rel. Radio Luz
	CKNZ	Cedar Falls	IA	"The Sports Station" 1650 The Fan
	CKZW	Montreal	QC	Regional x CJRS
	CINA	Mississauga	ON	South Asian Format.
	KSVE	El Paso	TX	SS Mexican "Jose 1650 AM R. Suavecita"
	XEARZ	Mexico DF	MX	EZL orchestral
	WHKT	Portsmouth	VA	GOS/rel 'Praise' slogan.
1660	KBRE	Merced	CA	AOR 'The Bear'
	WCNZ	Marco Is	CA	Relevant Radio
	KWOD	Kansas City	FL	Sport/Talk " 'The Score'
	WQLR	Kalamazoo	MI	Fox Sports. "Kalamazoo 1660, The Fan"
	WBCN	Charlotte	NC	Classical Rock
	KQWB	West Fargo	ND	Fox Sports
	WWRU	Jersey City	NJ	Korean Gospel
	WGIT	Canóvanas	PR	'Faro Santidad' SS Religious
	KRZI	Waco	TX	'KRZI ESPN Central Texas'
1670	KHPY	Moreno Valley,	CA	SS religious . ESNE radio.
	KQMS	Redding	CA	"News Talk Airs C2C/Fox
	WMGE	Dry Branch,	GA	"Fox Sport Radio 1670 Georgia"
	CJEU	Gatineau	G	Community/Children's "Radio Oxygene 1670"
	WOZN	Madison	WI	" CBS Sports Radio "The Zone"
1680	KGED	Fresno	CA	News/talk ID slogan ""AM 1680 The Answer"
	WOKB	Winter Garden	FL	Rel/ UC "Gospel 1680"" "inspiration Station"
	KRJO	Monroe	LA	"Classic Hits 1680 "LA105"
	WPRR	Ada	MI	Talk. Public Reality Radio
	WTTM	Lindenwold	NJ	now SS La Unica' 11/19
	KNTS	Seattle	WA	SS rel.EE ID 00:10 after hr Radio Luz.
1690	KFSG	Roseville	CA	ID slogan ""AM 1680 The Answer"
	KDMT	Arvada	CO	Relevant Radio
	WMLB	Atlanta	GA	"Classic Hits 1680 "LA105"
	WVON	Berwyn	IL	Talk 'WVON Berwyn AM 1690"
	WPTX	Lexington Park	MD	Adult standards
	CHTO	Toronto	ON	C & W
	CJLO	Montreal	QU	Oldies.
	WGIT	Charlotte Amalie	USVI	News/talk. Nets NPR 100w.(05/19)
1700	WEUP	Huntsville	AL	Contemp Gos. ."Huntsvilles Heritage Station"
	WJCC	N. Miami Beach	FL	World ethnic.' Radio Mega 1700.'
	KBGG	Des Moines	IA	CBS Sport 1700
	XEPE	Tecate BCN	MX	SS relaying XESDD 1030 @ 07/19
	WRCR	Ramapo	NY	Community station. 250w 05/19
	KKLF	Richardson-Dallas-Ft	TX	Worth TX Tejano/Conjunto SS/EE 'Banda 13'
	KVNS	Brownsville	TX	Fox Sports Radio 1700'

TV/FM NEWS & DX

Editor

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Welcome to the December edition, it's been a slow start to the DX season with most activity from Australia and the Pacific to the Central North Island northwards. The Aussies have been doing a lot better with some internal FM DX.

I'm back after a 32 year break. Much has changed since I did my first page in 1979. We have FM broadcasting now, which we didn't have (save for the occasional pirate), and TV was in glorious analogue and it closed down at midnight. I remember many nights of eager anticipation that the co-channel lines that faded in and out would produce a picture when channel 1 went off the air for the night.

TV saw the biggest change to our hobby. With the demise of the VHF channels when we switched to digital we lost a major source of DX and as these were also used by DXer and Ham alike as beacons our early warning system went too. The Hams did gain. The channel 1 sound frequency of 50.75 MHz was at the bottom of the 6 Metre Ham Band and because of this there were restrictions on where it could be used.

Back in the day I used a scanner that was set on the Australian channel 0 sound frequency of 51.75 MHz.

What can we use to alert us to any possible DX?

If you have coverage of the 6 Metre Ham Band you could try monitoring the SSB/CW call frequency 50.110 MHz. Propagation beacons are another source, these can be found at the bottom end of the 6 Metre Band. Some useful frequencies are:

50.057 VK7RAE Don Hill NW Tasmania
50.288 VK2RHV Mt. Sugarloaf Hunter Valley
50.297 VK7RST Snug Hobart (GPS)

Using the internet there are two ways of keeping up with trends:

VK Spotter <https://vkspotter.com/?action=home>

VK Spotter is intended for Hams but if you enter something like SWL100 etc. in the call sign space this will work when you sign up. It also sees more activity than DX Maps.

DXMaps <https://www.dxmaps.com/spots/mapg.php?Lan=E&Frec=50&ML=M&Map=OC&HF=N&DXC=ING2&GL=N>

Regardless of the aids we use, actually checking the band manually is the best way. For myself I have one radio tuned to the 6 Metre call frequency and a FM radio tuned to 95.7

MHz which is the ABC Classics transmitter at Illawarra. I use a squelch on both of them!

New relatively inexpensive gear: In recent years there has been a huge increase in the range of gear that has become available and at reasonable prices. One radio in particular is worthy of mention:

The Digitech AR-1780, this is one of Jaycar's brands. This radio punches above its weight and is not prone to overloading from local FM stations (despite Christchurch having about 14 locals) when connected to an outside aerial. An added bonus is that the radio's selectivity is narrower than most radios of this type. It does come with an added hidden extra: If you set up the squelch on the air band it will also work on the FM Band too.

One weakness I did find was with the external aerial jack socket. It uses a 3.5mm jack plug and the socket they used failed to switch back to the telescopic whip when the external jack plug was withdrawn.

Analogue TV is not dead: China and the Philippines still have analogue channels. Check these vision/sound carriers:

China		Philippines	
49.75	56.25	45.25	49.75
57.75	64.25	55.25	59.75
65.75	72.25	61.25	65.75
77.25	83.75	67.25	71.75
85.25	91.75	77.25	81.75

Software Defined Radio (SDR): The SDR has gained popularity in recent times. They can range from the humble dongle such as the RTL-SDR SDR DAB FM for around \$25 to the Win Radio Excalibur at around \$2000. Having previously played around with the dongles I decided to give a fully-fledged SDR a try. I opted for the SDRplay RSP1A. It's an entry level unit and it has frequency coverage from 1 kHz through to 2 GHz. Various filters have been included that eliminate breakthrough from adjacent bands which on the original model was a problem. I was interested to see how the unit would perform for FM DX. So far the most distant station I have heard was RNZ National in Ashburton about 70 Km away. The unit is designed and built in the UK by SDRplay <https://www.sdrplay.com/rsp1a/>

Well that just about raps up the column for now, hopefully by January we will have some DX to report. The Northern DX season was the poorest in many years but that doesn't mean that the same will apply to all of us. Here's hoping!

In the meantime all that remains is for me to wish you all a merry Christmas and a New Year filled with DX.



UTILITIES

Editor

**Arthur DeMaine
Ashburton**

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The last Utilities page for the year and it is time to wish you all a very happy Christmas and best wishes for the New Year. This month we welcome Brian Carr of Christchurch to this section.

I would like to thank those who have contributed to this section over the past year you have helped this section continue, many thanks.

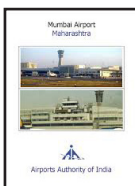
FREQ UTC DETAILS OF TRANSMISSION

2869	1643	Novosibirsk Russian volmet male	poor to fair	27/11	ABD**
5450	0720	MVU RAF London weather reports	13/11	BC	
5505	0800	Shannon volmet air weather	14/11	BC	
5505	0900	Shannon volmet ID "This is Shannon volmet"	fair	27/11	ABD
5574	0715	Honolulu air weather reports	16/11	BC	
6224	0440	ZLM New Zealand Taupo marine weather reports		BC	
6676	1652	Singapore Volmet 1654 Male with "Broadcast ends Singapore Radio out good"	27/11	ABD**	
6676	1655	India Mumbai volmet male	poor	27/11	ABD**
6676	1700	Australian volmet woman with "All stations Australian Volmet"	good	27/11	ABD**
6676	1705	India Kolkato volmet tent male with aviation weather no ID	fair	27/11	ABD
8022	0910	VKS 737 network Operator calling for any further callers	fair	27/11	ABD
8828	0850	Auckland air volmet weather reports	13/11	BC	
8867	2246	Singapore 247/Auckland Selcal check	good	22/11	ABD
8867	2251	NZ784/ Auckland position report	good	22/11	ABD
8867	2328	Qantas 141/Auckland estimates Lumby then selcal check	1/11	RP	
8867	2045	Auckland/Fiji 419 reports flight level	1/11	RP	
8867	2047	Auckland/ Polynesian73 report	1/11	RP	
12365	0812	VMC Charleville Australia marine weather	14/11	BC	

CONTRIBUTORS

RP Roger Pryde, Dunedin
ABD Arthur De Maine, Ashburton
ABD** Arthur De Maine, Ashburton
BC Brian Carr, Christchurch

Icom R7, 20 metre long wire.
Elad SDR 30ft long wire.
Northland SDR.
JRC NRD-535, AR5000A with a EWE



LADDERS & CONTINENTS



Editor email
Sutton Burtenshaw nzrdxlladders@gmail.com
 Hamilton

MEDIUMWAVE OPEN (Over 500)	A/NZ	Pac	NAm	CAm	SAm	Eur	Af	Asia	Cnt	Jun	Dec	Inc	
Ray Crawford	900	128	414	86	111	132	46	569	189	2390	2390	0	
Douglas Johns										1146	1146	0	
Sutton Burtenshaw	442	69	337	43	39	47	3	120	108	1102	1102	0	
David Ricquish	501	93	195	22	6	8	0	46	67	871	871	0	
Stuart Forsyth	502	34	118	14	23	93	1	38	75	819	824	5	
Bryan Clark										121	696	696	0

SENIOR (301 - 500)

Günter Jacob	0	0	7	0	0	361	10	11	59	389	389	0
Mike Smith	102	31	152	12	12	10	2	23	62	345	353	8

FM-TELEVISION

Douglas Johns										1209	1212	3
Bryan Clark									6	164	164	0

SHORTWAVE OPEN (Over 500)

n.b. * next to Sth America total means you have verified ANTARCTICA

SHORTWAVE OPEN (Over 500)	A/NZ	Pac	NAm	CAm	SAm	Eur	Af	Asia	Cnt	Jun	Dec	Inc	
Ian Cattermole	314	613	664	352	395*	3626	509	1889	209	8362	8362	0	
Günter Jacob	305	366	365	172	202*	1931	551	1585	176	5482	5482	0	
Douglas Johns										3223	3223	0	
Ray Crawford	178	111	186	120	274*	929	282	565	233	2646	2646	0	
John Durham	116	95	224	113	152*	983	252	551	266	2511	2514	3	
Bryan Clark										244	1636	1636	0
Stuart Forsyth	62	32	16	16	34*	218	53	219	115	654	657	3	

INTERMEDIATE (151 – 500)

Sutton Burtenshaw	7	3	32	11	19	90	14	44	48	220	220	0
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UTILITIES

Douglas Johns										37453	37453	0
Günter Jacob									14	18	18	0

COMMENT: And the winners are: Medium Wave Open, S. FORSYTH. Medium Wave Senior, M.SMITH while in the Shortwave Open section J.DURHAM and S.FORSYTH have tied. TV/ FM the winner is D. JOHNS. Congratulations to all.

Best DX to all, Sutton

Editor's note: Please see Musings Page 4 for comment on the future of this column.



On the **shortwaves.com**

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

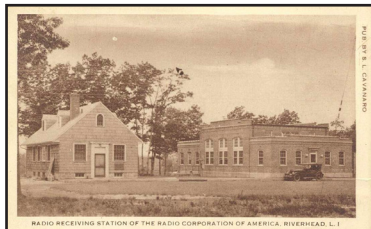
< www.ontheshortwaves.com > Update, November 3, 2019 -- This time, under "Specialized Resources/The Early DX of David F. Thomas," we have added 71 Mexican broadcast band QSLs ranging in date from 1931 to 1973.

< www.ontheshortwaves.com > Update, November 10, 2019 -- Almost by definition, shortwave broadcasting from an African country called Equatorial Guinea is going to be a worthy DX experience, and for decades the country has provided SWBC DXers with interesting DX targets. One aspect of the SWBC history of the former Spanish Guinea is Radio Atlantica, a "station that never was." In "Equatorial Guinea Reprised," posted under "DX History/Stations," we revisit a 1995 article about shortwave in the country, and add some additional information and some graphics. -- And we have added two new recordings--from Botswana and Egypt--under "Specialized Resources/The DX Recordings of Colin Miller."

< www.ontheshortwaves.com > Update, November 17, 2019 -- Under "DX History/Recordings/Colombia-III," we have posted a baker's dozen of recordings of shortwave stations of the past from Colombia. Are Alcaravan/Conciencia still heard at all? In the 1970s, when half of these recordings were made, there were dozens of shortwavers in Colombia. The recordings are [ID locations in brackets]: (1) Armonias del Caqueta, Florencia, 4915 kHz., 1982 [:13]; (2) Emisora Meridiano 70, Arauca, 4926 kHz., 1976 [:26]; (3) La Voz del Guaviare, San Jose del Guaviare, 6035 kHz., 1984 [:38, 1:53]; (4) La Voz del Norte, Cucuta, 4875 kHz., 1977 [:39, 1:05]; (5) Ondas del Meta, Turbo, 4885 kHz., 1976 [:06]; (6) Ondas del Ortegua, Florencia, 4975 kHz., 1977 [:41]; (7) R. Autentica, Villavicencio, 5975 kHz., 2002 [:37, 1:28]; (8) R. Cinco, Villavicencio, 5040 kHz., 1976 [:27, :45]; (9) R. Lider, Bogota, 6140 kHz., 2005 [:32, :57, 1:27, 2:55, 3:17]; (10) R. Melodia, Bogota, 6140 kHz., 1978 [1:42, 1:59, 2:16, 2:36]; (11) R. Neiva, Neiva, 4855 kHz., 1980 [:37, :55]; (12) R. Sucesos de Colombia, Bogota, 6160 kHz., 1978 [:45, :57]; and (13) R. Surcolombiana, Neiva, 5010 kHz., 1976 [:03, :17]. -- And under "Specialized Resources/Wavescan," we have five new stories from Adrian Peterson: (1) "California Mediumwave Station Celebrates 99 Years [KNX]" (Wavescan N555, October 13, 2019); (2) "Mediumwave KNX-CBS in Los Angeles on Shortwave" (Wavescan N556, October 20, 2019); (3) "The Andorra Radio Wars" (Wavescan N557, October 27, 2019); (4) "WWV 100th Anniversary: The Forgotten Callsigns-2" (Wavescan N558, November 3, 2019); and (5) "CBS on Shortwave in California: The Voice of America, Delano-1" (Wavescan N559, November 10, 2019).

< www.ontheshortwaves.com > Update, November 24, 2019 -- We have already posted in "DX History/Stations" two postcard views of the huge RCA shortwave transmitting facility known as Radio Central and located at Rocky Point, Long Island, New York. Under "Specialized Resources/Radio Postcards" (New York) we have pulled together six views of Radio Central (including the aforementioned two). The first three cards are postmarked

1929, 1932 and 1942 respectively. In addition, we have posted a postcard foldout which contains a view of Radio Central, and information about the New York RCA operation in 1945. Finally, we have a postcard view of the Radio Central receiving buildings, which were located in Riverhead, at the far eastern tip of Long Island (see below). Radio Central was inaugurated in 1921, before the long-distance properties of shortwave were fully appreciated. RCA started major experiments with shortwave in 1923. Judging by the car shown in the Riverhead postcard, that view is likely from around 1930. Many programs and news reports from overseas came by way of shortwave to Radio Central.



BRANCH NEWS

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

WELLINGTON BRANCH

The next Beach Babble will be on **Wednesday, 27 November, 12.45pm**

Beach Babylon Cafe, Oriental Bay, Wellington



See - even Santa's is a radio fan!

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