

	<h1>New Zealand DX Times</h1> <p>Monthly Journal of the New Zealand Radio DX League (est 1948) April 2020 Volume 72 No. 7</p> <p><a href="http://www.radiodx.com">http://www.radiodx.com</a></p> 	
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*Welcome to the April edition of the DX Times.*

**A message from the President.** To all our members where ever you are in the world I would like to say to you all, take care at this time and most of all stay healthy. To those who are in lockdown perhaps now is the time to erect a new antenna or perhaps clean up the radio shack, clean computer keyboards and radio controls.

Best of all do some DXing and perhaps some late night or dare I say it, an all-night DX session - you can sleep in the next morning. Don't forget to report your loggings etc to the DX Times. You all take care and stay safe. Arthur De Maine NZRDXL President, abd.kakanui@gmail.com



We are lucky to live in a country with an excellent health care system, despite our occasional complaints, and a country that is relatively easy to isolate from the rest of the world. Wherever you are - in New Zealand or abroad, take precautions, take care and above all:

We welcome **new member Rafael Scapin** to the League. Rafael is another overseas member and his home is in Montréal, Canada. Bienvenue au club! We hope you are with us for many years and look forward to hearing your news and thoughts. Please do contribute.

The League's SDR in Russell once again showed its true value to me in mid March. One evening I landed on 820 kHz, where Paul Ormandy joined me. WBAP was audible and this is the dominant station on the frequency. There we heard WWBA in Largo, Florida. It uses 50kw daytime and 1kw nights. It was identified by Paul after I had gone to bed! What a catch on an aerial that generally favours the west coast of North America. Was there an incident when it hadn't switched to night power, or was it one of those Florida nights? It doesn't matter - it was a marvellous catch. Thank you, Peter, for all you do for us.

Not long after that Peter switched the aerials to the south east and the Latins have started to roll in. Catch them while you can!

**Deadline for next issue is Wed 29th April 2020. P.O. Box 178, Mangawhai 0540**

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

**May**            **Wednesday, 29th April**  
**June**           **Wednesday, 27th May**  
**July**            **Wednesday, 24th June**

**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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**Tune in with the DX League's SDR:**

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

How many times have you sent a report to a station only to have it ignored? The catch of the month or the year goes unverified because nobody gets around to answering it. It is a huge frustration to DXers and something that ultimately discourages us from bothering to send reports out. **Life Member Ray Crawford** sent me something recently which highlights the fact this is not a new problem. Ray says:

I was looking for something in an old RA DX Bulletin, Tune In, and found this in the June issue for 1946.

A letter from KDON to Lloyd Claydon is published for your information....

"Your official DX organ is correct in listing us as a non-replier to reports. We have no regular verification card, thus we must reply to each report by letter. Since we receive many reports it amounts to some little chore to check and reply to all. (...and yet they replied - Ed.)

It is also true that, while the reports may be of slight interest to us, they serve no useful purpose, since we are purely a local station and cannot claim (nor sell to a local merchant) listeners in New Zealand.

I am making this explanation to you in the hope that you will pass it along as an explanation why many small stations do not reply.

No slight is intended, but the time is simply not available."

E.C. DUTY, Programme Director

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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

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We kick off this month with former column editor **Theo Donnelly** - yes, he is still alive and kicking. He has been on a trip up the Amazon, or as he said Up The Big Creek. Theo obviously enjoyed his time - I hope he did some DX and picked up those QSLs from the stations that didn't answer his reports!

Next up is **Mike Smith** in Opunake. Been a busy week or two with the deep South Americans crashing in here most nights. I've got a few healthy loggings in the MW pages - my EWE seems to have a pipeline to Uruguay at the moment. The only Brazilian heard for sure yet is RBV 940, but I thought I caught some Portuguese on 1130 last night around 0630 UTC. Other things to look out for is an occasional heterodyne on 530/531 - gotta be low power Argie or Falklands on my aerial, Uruguay on 650, 690 & 1290, and Bryan's offset on 640 - that 200hz het is there most evenings.

Like most, I'm confined to working from home for the next month, so that cuts 2 hours travelling off my day. 2 hours that will hopefully afford more time to listen to recordings and write reports! But just imagine if we did not have internet in these times of isolation - the world would feel much bleaker - and ham radio might experience an upsurge in popularity (not to mention CB - are there any Tait CB4s or Airlane Mk2's on Trademe?) All the best for a bumper month to come. *[Oh my goodness - the prospect of the Falklands is indeed an exciting one. Wouldn't that be fantastic. How many years since they were last heard on MW, if ever? Even the Argie would be good. Your home QTH is a mecca - enjoy the enforced lay off.]*

My once near neighbour, **Bryan Clark** pops up with this: As you may know, in early December we moved into a new house 60 metres from our last, and the big list of jobs involved has meant that erecting aerials has been on hold. Also, I have sent all my EWE transformer and Earth boxes to Ormandy Electronics for refurbishing (the coastal climate here is harsh on antennas). In the interim the League SDRs hosted and maintained by Peter Mott have been a lifesaver, and I was able to keep my DX ears in practice!

Then on 15 March Tony King reported he was listening to Argentina 590 on his little Tecsun receiver so I determined to cobble together a temporary EWE targeting that area before the Autumn equinox was over - my SDR and AOR7030+ were powered up the next day and since then I have once again enjoyed some fascinating DX from South America. These exotic Latins are currently also accessible to League members using the club SDRs as Peter M has kindly shifted the antenna around from the normal Northerly beam to deep South America. But this is a temporary move, so you need to have a listen soon! *[Indeed so. Sutton Burtenshaw is very excited about what he has heard on it and so I shall be listening very shortly. But, the question is - have you logged anything?]*

Speaking of the Patron, **Sutton Burtenshaw** graces our pages from Hamilton. Haven't done a great deal of listening but was watching dxdialog when Paul posted ZP1 920 (R. Nacional, Paraguay) being heard on the Northland sdr. Had a listen and there it was, not a great signal but a signal none the less and copiable. Being ever the optimist I turned to the Kenwood 570D (mod) and the generally SE 5x15x5m ewe and mixed with some local noise I could from time to time hear the same recordings albeit almost ESP! I sent off an email to the address given in the WRTH but that was like a rubber ball so with Mike's aid I have tried another and hope to have a better outcome.

Two notes, (1) I erected two ewes at 90deg to each other and on the boundary lines because of lack of other space and consequently have not bothered to check the direction knowing they were generally NE & SE. Guess what, I now find the SE ewe seems to be at 160degM with approx. 20deg for deviation! Result, happy chappy. (2) The pots I used came from my junkbox and are 'log' pots. When the EWE antenna first came on the scene 'log' pots were deemed as okay; however, further research shows they compromise the circuit and 'linear' pots should be used. See Bill's latest posting regarding the EWE on our webpage. *[Great to hear from you and hope the log comes back verified. As one who is going to put up a EWE or two at the new house - whenever it is finished, I shall certainly be referencing Mr Marsh's contribution, hi!]*

There were in fact 3 notes. The third was that Sutton has had KBBI back from Homer, Alaska on 890. The verie signer was Loren Barrett, Development Director <loren@kbbi.org> who apologised for the delay in replying. *[They pop up quite often and like to reply. Well done, Sutts. Perseverance pays!]*

I had a quick email from **Ian Wells** in Dunedin. He has done a little MW DXing and has had a couple of veries. See the Broadcast DX pages for details. *[Well done, Ian, that's two more than I have had back. KLTT on 670 is very good. What did you hear it on?]*

**Life Member John Durham** chimes in from Tauranga with this news: Three veries in this month IRRS via Kostinbrod 9660kHz with the special Coronavirus QSL.

Zeppelin Radio Greece 6390 and Mystery Radio 21. 4700kHz. DX-wise it's been a very good month. Have quite a bit of work to do around the house so that and the radio will keep me occupied over the next few weeks. *[I know the feeling, John. Lots of painting going on here.]*

Your **Chief Editor**, now ensconced in Titirangi for the duration has done a little bit of listening on the League's SDR and has logged Radio Romania International with their DRM broadcast on 9820, due to become 9740 at the end of the month in parallel with 11790. It was a marvellous signal. Furthermore I have logged Radio Nove de Julho on 9818.74 and Radio Voz Missionaria on 5939.54 and 9665.

I also had a little excitement on the Broadcast band - see Bryan's column for details.



# BANDWATCH



**Editor**  
**Ian Wells**  
**Dunedin**

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Thanks again for your continued support of both this column and of shortwave broadcasting generally. Without you, and others like you, I'm sure many more stations would have gone silent – if only some of the Chinese would leave the bands, but instead they keep multiplying! *[Just like the virus! - Chief Ed.]* As always, lots of great loggings, including some Euro pirates, but I'd still like more of you to send in your news. Remember that all contributions are welcome, and remember also to 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.

Apologies – last month we noted Solomon Islands on 11835 – this should have been Sri Lanka.

## **kHz UTC Country, Station, Programme, & Reception Details**

2485	1000	VANUATU R Vanuatu exc at open, ID and nx in Bislama, some EE 24/3 BCM
3325	1722	INDONESIA RRI International Sce poor in SS 10/3 BCM** also 22/3 JJD**
3925	1620	JAPAN R Nikkei good in JJ 4/3 BDW
3935	1620	NORTH KOREA KCBS good in KK // 3910 also good 2/3 BDW
4700	1756	(EUROPEAN PIRATE) Mystery Radio 21 poor w/music, better by 1830 ID 23/3 JJD**
5010	1758	MADAGASCAR RNM Antananarivo on 5009.93 in FF until blocked 1836 2/3 BCM**
5045	0852	AUSTRALIA Unique Radio fair in EE w/ Glen Hauser prgm at 0900 16/3 JJD
5895	1630	TAJIKISTAN BBC WS excellent in KK 2/3 BDW also 1752 EE lang lessons 10/3 BDW also 1825 until off 1830 w/loop message until 1850 "This is the BBC. There are no prgms on this terminal at present. Details of our services are at <a href="http://bbcworldservice.com">bbcworldservice.com</a> " 1/3 BCM**
5900	1952	BULGARIA, Bible Voice in Arabic (Tent), 7/2, KAB**
5910	1908	BULGARIA BBC WS relay in Persian 3/3 BC
5915	1802	ZAMBIA ZNBC Lusaka weak with EE news identified by // webstream 19/3 BCM
5925	0631	FRANCE, RFI Good in French with ID, 3/2, KAB**
5925	1710	IRAN VOIRI poor/fair in Turkish, s/off 1720 5/2 JM also 1915 in Albanian 8/3 BC
5935	1835	ROMANIA RRI good in EE with talk and music 3/3 BC
5940	0845	BRAZIL R Missionaria poor/fair in PP 3/2 JM
5945	1600	CHINA CNR-1 fair in CC // 6200 9/2 JM
5950	0629	USA, WRMI Master TV poor with relig prgm in EE 3/2, KAB**
5950	1850	ETHIOPIA VO the Tigray Revolution in Tigrinya (presumed) 7/2 KAB** and 27/2 BC
5950	2005	FRANCE KBS World Radio via Issoudun in FF 8/3 BC
5965	1645	CHINA CRI good in GG 1/3 BDW
5970	1605	ALBANIA CRI fair in GG via Cerrik 7/2 JM
5980	1535	CHINA CRI fair in JJ // 7220 1/2 JM

5985 0600 USA WRMI fair w/EE IDs at s/off 3/2 JM  
5985 1105 JAPAN NHK World fair in Russian 30/1 JM  
5985 1650 CHINA CRI fair in Swahili // 7245 14/2 JM  
5990 2000 ROMANIA, RRI poor in Romanian 7/2, KAB\*\*  
6010 1615 CHINA CRI fair in Vietnamese // 7315 7/2 JM  
6020 0626 SAO TOME, VOA poor/fair in French 3/2, KAB\*\*  
6025 1540 CHINA CRI fair in RR // 6105 1/2 JM  
6040 1740 CHINA CRI fair in RR // 6070, 7265 & 7410 5/2 JM  
6045 1111 ALASKA KNLS fair in RR 13/3 JJD  
6050 1948 TURKEY, VOT fair in poor EE 7/2, KAB\*\*  
6055 1445 CHINA CRI fair in Khmer 4/2 JM  
6060 1720 WRMI poor in EE with Supreme Master TV, gone by 1735 9/3 BC  
6070 0622 BRAZIL, R Capital poor in Portuguese 3/2, KAB\*\*  
6090 1140 JAPAN NHK World fair in CC, into KK from 1200 30/1 JM  
6090 1827 ETHIOPIA VO Amhara State fair in local languages 29/2 BC  
6100 0618 NTH KOREA, KCBS good in Korean 3/2, KAB\*\*  
6100 1710 CHINA CRI fair in EE // 6090 // 7435 14/2 JM  
6105 0606 FRANCE, R Algerienne fair/good in Arabic with Koran 3/2, KAB\*\*  
6105 1525 CHINA CRI fair in RR // 6025 30/1 JM  
6110 1820 ETHIOPIA R Fana fair in Oromo with phone-in request prgm 9/3 BC  
6110 1925 CHINA CRI fair in RR // 6000 16/2 JM  
6120 1933 TURKEY VOT good in Turkish 29/2 BDW  
6130 2006 IRAN, VOIRI poor in French 7/2, KAB\*\*  
6140 1902 INDIA AIR Bengaluru fair in Urdu 29/2 BC  
6155 0925 SOUTH KOREA KBS fair in JJ, s/off 1000 3/2 JM  
6180 1640 TAIWAN RTI good in EE 14/2 BDW  
6185 0450 MEXICO R Educaci3n on measured 6185.72, identified by // webstream  
15/3 BCM\*\* also 0533 22/3 JJD\*\*  
6185 1302 NORTH KOREA KCBS fair in CC 26/1 JM  
6200 1603 CHINA PBS Xizang (Tibet) fair in EE 14/2 BDW  
6390 1941 GREECE (Euro Pirate) Zeppelin Radio poor, ID at 1945 14/3 JJD\*\*  
7235 1950 VATICAN Vatican R fair with Latin liturgy, off 1959 // 6010 & 7365 23/2 JM  
7240 1745 SAUDI ARABIA BSKSA fair in Persian 14/2 JM  
7245 1810 MOLDOVA TWR Africa relay good in Kunema 16/3 BC  
7245 1910 FRANCE RFI fair in FF for Africa 23/2 JM also 27/2 BC  
7265 1515 CHINA CNR-2 good in CC // 7315 22/2 JM  
7275 1225 CHINA CNR-1 fair in CC // 7230 21/2 JM  
7275 1915 AUSTRIA AWR via Moosbrunn in Hausa off 1929 23/2 JM also 11/3 BC  
7280 1940 VIETNAM VOV fair in FF for Europe 15/2 JM  
7285 1430 CHINA CRI fair in Khmer 14/2 JM  
7290 1800 ITALY IRRS Milan poor/fair with an extra hour in EE to 1900 22/2 JM  
7295 0605 FRANCE RFI fair in Hausa 19/2 JM  
7300 1628 TAIWAN RTI poor in CC 14/2 BDW  
7305 0720 ASCENSION ISLAND BBC WS fair in FF for Africa 18/2 JM  
7315 1950 FRANCE R Algerienne poor/fair via Issoudun in FF & AA off 1959 13/2 JM  
7325 0640 ENGLAND BBC WS poor/fair in EE 3/2 JM  
7325 0710 SAO TOME BBC WS poor/fair in EE 18/2 JM  
7325 1430 CHINA CRI fair at s/on in Filipino 28/1 JM  
7345 1755 CHINA CNR-1 fair in CC until off 1805 28/1 JM



7350 1900 CHINA CRI fair in FF to West Africa 6/2 JM  
7355 1410 IRAN IRIB poor/fair in Kurdish off 1426 30/1 JM  
7365 1900 CHINA CRI fair at s/on in PP // 5985 & 7205 23/2 JM  
7370 0910 ALASKA KNLS fair in CC 3/2 JM  
7370 1750 ROMANIA RRI fair in Romanian 16/3 BC  
7375 1709 ROMANIA RRI good in Romanian 5/3 BDW  
7395 1600 CHINA CRI fair at s/on in Hindi 5/2 JM  
7425 1345 CHINA CNR-2 fair in CC // 7315 22/2 JM  
7430 0930 CHINA CRI fair in CC // 9440 30/1 JM  
7440 1350 CHINA CRI fair in CC // 7215 & 9855 22/2 JM  
7445 1650 MADAGASCAR BBC WS fair in EE 27/1 JM  
7470 1220 THAILAND VOA fair in CC 2/2 JM  
7475 1615 THAILAND RFE/RL fair in Tajik, off w/EE ID at 1659 11/2 JM  
7475 1700 GERMANY VOA via Biblis, fair at s/on in Kurdish, off 1800 11/2 JM  
7485 1355 SINGAPORE BBC WS fair in Burmese until s/off 1359 22/2 JM  
7495 1300 THAILAND Deewa Radio fair at s/on in Pashto 9/2 JM  
7505 1650 UZBEKISTAN BBC WS fair in Bengali 20/2 JM  
7545 1415 PHILIPPINES VOA good in Cantonese, off EE ID 1459. mixed Fire Drake  
22/2 JM  
7570 1515 NORTH KOREA KCBS fair in EE for Europe 5/2 JM  
7580 0750 SOUTH KOREA KBS World Radio fair in JJ 8/2 JM  
7580 1640 PHILIPPINES VOA fair in Tibetan, co-channel Fire Drake, 20/2 JM  
7665 1505 TAJIKISTAN RFA fair in CC off 1700, co-channel Fire Drake 31/1 JM  
7750 1905 SOMALIA Warsan Radio fair, local music abruptly off 1920 15/3 JJD\*\*  
9300 1426 ARMENIA TWR India excellent in EE 14/3 BDW  
9400 1235 PHILIPPINES FEBC fair in CC 9/2 JM  
9425 1150 TAIWAN RTI poor/fair in Vietnamese until off 1200 16/2 JM  
9440 1225 CHINA CRI poor/fair in Khmer // 11680 30/1 JM  
9445 1955 INDIA AIR poor/fair in Hindi 22/2 JM  
9470 1625 GERMANY RFE/Radio Liberty fair in Tajik 9/3 BC  
9545 1510 TAIWAN RTI poor in Cantonese close 1530 9/2 JM  
9545 2239 SOLOMON IS, SIBC good in EE with news 9/2, KAB\*\*  
9550 1215 CHINA CRI fair in Vietnamese 16/2 JM  
9555 2137 SAUDI ARABIA, BSKSA1 fair/good in Arabic // 9870 9/2, KAB\*\*  
9570 0833 SOUTH KOREA KBS World Radio good in Korean 14/2 BDW  
9595 1635 TURKEY VOT good in Pashto 14/3 BDW  
9605 1435 PHILIPPINES VOA poor in CC 30/1 JM  
9610 0740 ROMANIA RRI poor in AA // 11660 2/2 JM  
9660 1730 TURKEY VOT fair in EE w/ID and news 10/3 BC  
9660 1825 FRANCE RFI poor in FF for Africa 28/1 JM  
9685 0850 CHINA CNR-5 fair in CC off 1000 9/2 JM  
9695 1550 SAUDI ARABIA BSKSA fair in Pashto off 1557 4/2 JM  
9700 0440 TURKEY VOT poor in Turkish 3/2 JM  
9730 1300 CHINA CRI fair at s/on in EE 19/2 JM  
9735 1205 TAIWAN RTI good in Cantonese 16/2 JM  
9765 1435 CHINA CRI poor in EE 4/2 JM  
9765 1559 AUSTRALIA Reach Beyond in KK, off 1600 w/EE I 4/2 JM also 1350 in EE  
14/2 BDW  
9770 0402 TURKEY VOT VG in Turkish 1/3 BDW  
9770 1650 AUSTRIA AWR fair in Persian off 1700 6/2 JM also 27/2 BDW



9780 1930 AUSTRIA AWR fair in FF via Moosbrunn 3/3 BC  
 9785 1840 FRANCE Deutsche Welle via Issoudun poor in Hausa 6/2 JM  
 9790 1535 NORTHERN MARIANAS RFA fair in CC 7/2 JM  
 9810 1534 ROMANIA RRI good in Romanian 5/3 BDW  
 9830 1550 CHINA CNR-1 fair in CC // 6000 7/2 JM  
 9855 1350 CHINA CRI poor/fair in CC off 1357 // 7440 5/2 JM  
 9910 1320 ARMENIA TWR India fair in Maithili 5/2 JM  
 9975 1325 GUAM TWR Asia poor in CC 5/2 JM  
 9975 1640 GERMANY Radio Ashna fair in Pashto 10/3 BC  
 11610 2242 GUAM, AWR good in Vietnamese 9/2, KAB\*\*  
 11650 0505 CHINA CRI poor in Vietnamese 4/2 JM  
 11650 1030 THAILAND VOA poor/fair in CC 22/2 JM  
 11660 1140 PHILIPPINES VOA fair in CC // 12080 2/2 JM  
 11685 1310 SINGAPORE NHK World fair in Bengali off 1345 7/2 JM  
 11700 0750 FRANCE RFI fair in FF for Africa 14/2 JM  
 11700 1035 CHINA CRI fair in Indonesian // 15135 22/2 JM  
 11760 0515 CHINA CNR-1 poor/fair in CC 4/2 JM  
 11760 2246 CUBA, R Havana fair in Spanish 9/2, KAB\*\*  
 11780 0445 IRAN IRIB poor/fair in Hebrew off 0451 3/2 JM  
 11785 1135 CHINA CRI poor/fair in CC // 11990 22/2 JM  
 11790 0600 ROMANIA RRI poor/fair in FF 4/2 JM  
 11815 1135 JAPAN NHK World poor in JJ // 9750 30/1 JM  
 11825 0720 JAPAN NHK World Radio fair in JJ 14/2 BDW  
 11875 0455 IRAN IRIB fair in Turkish 3/2 JM  
 11880 0700 AUSTRIA AWR Voice of Hope poor/fair in FF 4/2 JM  
 11900 1350 CHINA CRI fair in CC for the Pacific 18/2 JM  
 11915 1210 TAIWAN RTI fair in Indonesian 16/2 JM  
 11965 1020 GUAM TWR Asia fair in Madurese 10/2 JM  
 11980 1310 CHINA CRI fair in EE // 9730, 11760, 11900 5/2 JM  
 11985 1430 SRI LANKA AWR fair at s/on in Karen 6/2 JM  
 12010 0245 TAJIKISTAN RFA fair in Tibetan off 0300 22/2 JM  
 12010 0300 NORTHERN MARIANAS RFA via Tinian Island in Tibetan 14/3 BC  
 12045 0840 CHINA CNR-1 poor in CC 17/2 JM  
 12045 0915 MONGOLIA Mongolian Radio good in EE 6/3 JJD  
 12055 1340 NORTHERN MARIANAS RFA fair in Burmese, EE ID 1359 6/2 JM  
 12100 1145 TAIWAN RTI poor in Indonesian 16/2 JM  
 12125 1140 THAILAND VOA fair in Bengali // 12030 17/2 JM  
 13580 1150 CHINA CRI fair in Cantonese // 9540 4/2 JM  
 13645 1145 INDIA AIR fair in Thai // 15770 4/2 JM  
 13720 1140 CHINA CRI fair in EE 4/2 JM  
 13760 0340 MADAGASCAR World Christian Broadcasters in EE over Pyongyang in SS,  
 clear from 0345 until close 0358 14/3 BCM\*\*  
 13775 1205 SAUDI ARABIA BSKSA fair in Urdu 4/2 JM  
 13840 0200 NEW ZEALAND RNZI with BBC news in EE 19/3 BC  
 13845 2032 USA, WWCR, Uni N/W excellent in EE with relig prgm 12/2, KAB\*\*  
 15030 0230 INDIA AIR Bengaluru fair in Kannada 3/3 BC  
 15130 1215 IRAN VOIRI poor in AA 30/1 JM  
 15170 0420 SAUDI ARABIA BSKSA good in AA 9/3 BC  
 15190 1050 CHINA CRI poor/fair in EE off 1100 9/2 JM

15215 1225 UAE FEBC via Dhabhaya poor/fair in Tibetan 4/2 JM  
 15250 0940 CHINA CRI fair in CC // 5965 11980 13850 15340 30/1 JM  
 15320 0237 TAIWAN RTI VG in Cantonese 14/2 BDW  
 15410 2340 AUSTRALIA Reach Beyond fair in EE/Burmese 23/2 JM  
 15425 0035 PHILIPPINES VOA poor/fair in CC 24/2 JM  
 15425 0110 CHINA CRI fair in Amoy off 0300 24/2 JM  
 15430 1250 SRI LANKA AWR poor/fair in Meithoi off 1328 4/2 JM  
 15460 1210 ROMANIA RRI poor/fair in EE for Europe 9/2 JM  
 15625 0045 GUAM AWR fair in CC 24/2 JM  
 15640 2340 PHILIPPINES FEBC fair in Burmese 23/2 JM  
 15685 2330 GUAM AWR fair in CC 23/2 JM  
 15770 0845 INDIA AIR poor/fair in Indonesian 30/1 JM  
 17820 0317 PHILIPPINES, R Pilipinas good in EE 3/2, KAB\*\*

Please add the symbol \*\* after your initials if you heard the station using the League's Northland SDR. If you've heard it using the SDR, others may also be able to, and it all counts as DX.

### Local Contributors

<b>BC</b>	Brian Carr	Christchurch	AOR AR-5000, NRD 535, EWE and 30' longwire
<b>BCM</b>	Bryan Clark	Mangawhai	WinRadio G33DDC Excalibur Pro SDR and AOR7030+ with EWE antenna to SE.
<b>BCM**</b>	Using the League's Northland SDR		
<b>BDW</b>	Brian Webb	Upper Hutt	DE-1103 & AR-1733 with whips
<b>JJD</b>	John Durham	Tauranga	SDRPlay 2 with MLA-30 loop
<b>JJD**</b>	Using the League's Northland SDR		
<b>JM</b>	John Mainland	Wellington	Philips D-2999, 10m longwire North-South
<b>KAB**</b>	Ken Baird	Wainuiomata	** Using the League's Northland SDR

Contributions to this column may be sent to [nzrdxunder9@gmail.com](mailto:nzrdxunder9@gmail.com) or direct to the editor, Ian Wells, at [iwellsnz@gmail.com](mailto:iwellsnz@gmail.com) or via snail mail to 16 Fenty Place, Mosgiel 9024.



# ENGLISH IN TIME ORDER

**Editor**

**Yuri (George) Muzyka**  
**Auckland**

**email**  
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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

<b>Time (UTC)</b>	<b>Frequencies (kHz)</b>	<b>Station Name</b>	<b>Station Country</b>	<b>Log Date</b>	<b>DXer Name</b>
0200	13840	RNZI	NZ	19-Mar	BC
0317	17820g	R Pilipinas	PHILIPPINES	3-Feb	KAB**
0340-0358	13760	World Christian B/c	MADAGASCAR	14-Mar	BCM**
0629	5950p	WRMI	USA	3-Feb	KAB**
0640	7325f	BBC WS	UK	3-Feb	JM
0710	7325f	BBC WS	UK	18-Feb	JM
0852-0900	5045f	Unique Radio	AUSTRALIA	16-Mar	JJD
0915	12045g	Mongolian Radio	MONGOLIA	6-Mar	JJD
1050-1100	15190f	CRI	CHINA	9-Feb	JM
1140	13720f	CRI	CHINA	4-Feb	JM
1210	15460f	RRI	ROMANIA	9-Feb	JM
1300	9730f	CRI	CHINA	19-Feb	JM
1310	9730:11760:11900:11980f	CRI	CHINA	5-Feb	JM
1350	9765	Reach Beyond	AUSTRALIA	14-Feb	BDW
1426	9300e	TWR	USA	14-Mar	BDW
1435	9765p	CRI	CHINA	4-Feb	JM
1515	7570f	KCBS	NTH KOREA	5-Feb	JM
1603	6200f	PBS	CHINA	14-Feb	BDW
1640	6180g	RTI	TAIWAN	14-Feb	BDW
1650	7445f	BBC WS	UK	27-Jan	JM
1710	6090:6100f:7435	CRI	CHINA	14-Feb	JM
1720-1735	6060p	WRMI	USA	9-Mar	BC
1730	9660f	VOT	TURKEY	10-Mar	BC
1800-1900	7290f	IRRS	ITALY	22-Feb	JM
1802	5915p	ZNBC	ZAMBIA	19-Mar	BCM
1835	5935g	RRI	ROMANIA	3-Mar	BC
1948	6050f	VOT	TURKEY	7-Feb	KAB**
2032	13845e	WWCR	USA	12-Feb	KAB**
2239	9545g	SIBC	SOLOMON IS	9-Feb	KAB**

# SHORTWAVE REPORT



Editor

John Durham

Tauranga

email

nzrdx1shortwave@gmail.com

## A20 SCHEDULE UPDATES

**MEDIA BROADCAST GmbH** (formerly T-SYSTEMS - DTK) A-20 period (29/03/2020 - 24/10/2020) Times are in UTC.

[ARMENIA/BULGARIA/France/MADAGASCAR/TAJIKISTAN/USA/UZBEKISTAN]

FREQ	START	STOP	CIRAF	ANTNR	AZI	TYP	DAY	FROM	TO	LOC	kW	BRC
15255	1300-1330		41NE	DB_07a	125	416	Daily	2903-2410		DB	100	AWR
15420	1200-1300		44NE,45	DB_19	64	879	Daily	2903-2410		DB	100	AWR
15440	1330-1400		49E	DB_07a	125	416	Daily	2903-2410		DB	100	AWR
15550	1200-1230		44N	DB_02a	60	418	12345	2903-2410		DB	100	AWR
15550	1200-1230		44N	DB_02a	60	418	67	2903-2410		DB	100	AWR
15550	1230-1300		44N	DB_02a	60	418	123457	2903-2410		DB	100	AWR
15550	1230-1300		44N	DB_02a	60	418	6	2903-2410		DB	100	AWR
9490	1600-1630		41S	1782	125	218	Daily	2903-2410		ERV	300	AWR
12060	1500-1530		41S	1783	125	218	Daily	2903-2410		ERV	300	AWR
12060	1530-1600		41N	1782	125	218	Daily	2903-2410		ERV	300	AWR
9770	2000-2030		46SW	R1102003	188	206	Daily	2903-2410		ISS	250	AWR
11790	1930-2000		46S	R1102010	184	167	Daily	2903-2410		ISS	250	AWR
11790	2030-2100		46SE	R1102002	165	211	Daily	2903-2410		ISS	250	AWR
12070	1930-2000		46SE	R101002	165	216	Daily	2903-2410		ISS	250	AWR
17570	1630-1700		48	R1102008	122	217	Daily	2903-2410		ISS	250	AWR
5975	0400-0430		28SE	340100	140	216	Daily	2903-2410		NAU	125	AWR
6155	0430-0500		37,38W	330100	210	216	Daily	2903-2410		NAU	125	AWR
9610	0900-1000		28W	340100	180	216	1	2903-2410		NAU	125	AWR
9760	2000-2030		46E,47W	330100	185	216	Daily	2903-2410		NAU	250	AWR
9780	2000-2030		37,38W	340100	210	216	Daily	2903-2410		NAU	125	AWR
9800	2100-2130		46SE	330100	180	216	Daily	2903-2410		NAU	250	AWR
9800	2130-2200		46SE	330100	200	216	Daily	2903-2410		NAU	250	AWR
9830	1600-1630		28SE	340100	135	216	Daily	2903-2410		NAU	125	AWR
11800	1900-2000		37,38W	310101	210	146	Daily	2903-2410		NAU	250	AWR
11955	1930-2000		37,38W	330100	210	216	Daily	2903-2410		NAU	125	AWR
12065	0400-0430		48	330100	140	216	Daily	2903-2410		NAU	250	AWR
15215	1530-1600		41N	320200	90	218	Daily	2903-2410		NAU	250	AWR
15220	0700-0800		37,38W	330200	210	218	Daily	2903-2410		NAU	250	AWR
15220	0830-0900		37,38W	330200	210	218	Daily	2903-2410		NAU	125	AWR
15455	0600-0630		46S	330200	200	218	Daily	2903-2410		NAU	250	AWR

15490	1630-1700	48	320200	140	218	Daily	2903-2410	NAU	250	AWR
15670	1530-1600	41N,42S	330200	80	218	12347	2903-2410	NAU	250	AWR
15670	1530-1600	41N,42S	330200	80	218	56	2903-2410	NAU	250	AWR
15715	1300-1330	42,43W	320200	75	218	23456	2903-2410	NAU	250	AWR
15715	1300-1330	42,43W	320200	75	218	17	2903-2410	NAU	250	AWR
15715	1330-1400	42,43W	320200	75	218	Daily	2903-2410	NAU	250	AWR
17720	1730-1800	48	320200	145	218	Daily	2903-2410	NAU	250	AWR
17725	1630-1700	48	330200	140	218	Daily	2903-2410	NAU	250	AWR
9445	1500-1530	41S	TAC_21	163	911	Daily	2903-2410	TAC	100	AWR
9445	1530-1600	41S	TAC_21	163	911	Daily	2903-2410	TAC	100	AWR
11940	1430-1500	49NW	TAC_23	122	878	Daily	2903-2410	TAC	100	AWR
12055	1300-1330	49NW	TAC_23	122	878	Daily	2903-2410	TAC	100	AWR
12105	1200-1230	43N,44N	TAC_11	76	904	67	2903-2410	TAC	100	AWR
12105	1200-1230	43N,44N	TAC_11	76	904	12345	2903-2410	TAC	100	AWR
12105	1230-1300	43N,44N	TAC_11	76	904	123457	2903-2410	TAC	100	AWR
12105	1230-1300	43N,44N	TAC_11	76	904	6	2903-2410	TAC	100	AWR
15255	1330-1400	41NE	TAC_03	131	418	Daily	2903-2410	TAC	100	AWR
15530	1300-1400	44N45W	TAC_06R	66	418	Daily	2903-2410	TAC	100	AWR
11945	0200-0230	41	1783	125	218	5	2903-2410	ERV	100	BVB
11945	0200-0215	41	1783	125	218	3	2903-2410	ERV	100	BVB
15350	1630-1700	47,48	R1105008135		217	Daily	2903-2410	ISS	100	BVB
21480	1200-1230	43S,44S	TM	45	157	7	2903-2410	MDC	125	BVB
21480	1230-1245	54	TM	85	157	1	2903-2410	MDC	125	BVB
9810	1730-1830	39	3	115	218	17	2903-2410	MOS	100	BVB
9810	1700-1715	39	3	115	218	6	2903-2410	MOS	100	BVB
9810	1700-1730	39	3	115	218	5	2903-2410	MOS	100	BVB
9610	1800-1900	39,40	330100	105	216	5	2903-2410	NAU	100	BVB
9610	1800-1830	39,40	330100	105	216	6	2903-2410	NAU	100	BVB
9610	1830-1900	39,40	330100	105	216	13	2903-2410	NAU	100	BVB
9635	1815-1830	39,40	320100	130	216	1	2903-2410	NAU	250	BVB
9635	1830-1915	39	320100	130	216	1	2903-2410	NAU	125	BVB
9735	0500-0515	39,40	340100	120	216	6	2903-2410	NAU	250	BVB
11655	0600-0615	46-4738-37	340101	180	146	Daily	2903-2410	NAU	125	BVB
15265	1400-1430	41_1stSat	30200	102	216	7	2903-2410	NAU	250	BVB
15265	1430-1500	41	330200	102	216	7	2903-2410	NAU	250	BVB
15310	1600-1700	38-3947-48	310200	142	218	1	2903-2410	NAU	100	BVB
15310	1600-1800	38-3947-48	310200	142	218	2	2903-2410	NAU	100	BVB
15310	1600-1730	38-3947-48	310200	142	218	3	2903-2410	NAU	100	BVB
15310	1630-1700	38-3947-48	310200	142	218	67	2903-2410	NAU	100	BVB
15310	1630-1800	38-3947-48	310200	142	218	4	2903-2410	NAU	100	BVB
15310	1630-1730	38-3947-48	310200	142	218	5	2903-2410	NAU	100	BVB
9490	1710-1730	38E,39,40W	320100	132	616	2	2903-2410	SOF	100	BVB
9490	1715-1730	38E,39,40W	320100	132	616	4	2903-2410	SOF	100	BVB

9490	1715-1745	38E,39,40W	320100	132	616	56	2903-2410	SOF	100	BVB	
9490	1715-1745	38E,39,40W	320100	132	616	7	2903-2410	SOF	100	BVB	
11830	1800-1900	46,47	RII01003	167	206	Daily	2903-2410	ISS	100	DAK	
13590	0700-0800	46,47	340200	185	218	Daily	2903-2410	NAU	125	DAK	
13590	0800-0900	46,47	340200	185	218	7	2903-2507	NAU	125	DAK	
11850	0630-0700	46,47W	RII01002	170	211	Daily	2903-2410	ISS	500	DWL	
11850	1800-1900	46,47W	RII01001	167	216	Daily	2903-2410	ISS	500	DWL	
13775	1600-1700	48	RII01003	130	211	Daily	2903-2410	ISS	500	DWL	
15215	0630-0700	46,47W	RII01008	160	217	Daily	2903-2410	ISS	500	DWL	
15215	1300-1400	46,47W	RII01003	163	211	Daily	2903-2410	ISS	500	DWL	
15215	1800-1900	46,47W	RII01008	175	217	Daily	2903-2410	ISS	500	DWL	
15275	1600-1700	48	RII01008	130	217	Daily	2903-2410	ISS	500	DWL	
6055	1030-1100	27,28	340101	222	146	17	2903-2410	NAU	125	EMG	
13800	1530-1630	29S	310200	100	218	7	2903-2410	NAU	100	HCJ	
7330	1000-1100	27,28	1stSun	6	283	805	1	2903-2410	MOS	100	JOY
5960	0000-0200	2-10	320100	300	216	1	2903-0205	NAU	125	KBC	
9925	0000-0200	2-10	320100	300	216	1	0305-0509	NAU	125	KBC	
5960	0000-0200	2-10	320100	300	216	1	0609-2410	NAU	125	KBC	
6045	0800-0900	27E28	on-demand								
			340101	240	146	1	2903-2410	NAU	125	KBC	
6095	0800-1600	18-37	on-demand								
			340101	240	156	Daily	2903-2410	NAU	100	KBC	
9810	1900-1930	46,47	RII04003	175	156	Daily	2903-2410	ISS	100	KRI	
9680	1600-1630	29,30	340101	80	146	7	2903-2410	NAU	250	MWF	
13710	1200-1230	19-26	320200	60	218	7	2903-2410	NAU	250	MWF	
5975	0430-0500	27SE,28SW	4	ND	926	12345	2903-2410	MOS	300	NHK	
5975	0500-0530	27SE,28SW	4	ND	926	17	2903-2410	MOS	300	NHK	
6165	0430-0500	27,28	340101	85	146	Daily	2903-2410	NAU	125	NHK	
9490	0300-0500	38-40	320100	140	216	Daily	2903-2410	NAU	250	NHK	
13690	1700-1900	38-40	340200	140	218	Daily	2903-2410	NAU	250	NHK	
5985	0400-0430	11,12	LPH	222	805	Daily	2903-2410	RMI	100	NHK	
11830	1600-1700	39	310100	128	216	1	2903-2410	NAU	125	PAB	
15205	1430-1445	41	330200	94	218	1	2903-2410	NAU	250	PAB	
6155	1630-1730	41	TAC_21	163	911	1	2903-2410	TAC	100	PAB	
7425	1630-1730	42,43,44	TAC_19	90	911	1	2903-2410	TAC	100	PAB	
15205	1200-1300	45	TAC_06R	66	418	7	2903-2410	TAC	100	PAB	
15205	1200-1400	27E28	on-demand								
			1780	305	238	Daily	2903-2410	ERV	100	RSZ	

15420	1700-1800	38E,39S,48	330200	144	216	4	2903-2410	NAU	100	SBO	
15420	1700-1730	38E,39S,48	330200	144	216	16	2903-2410	NAU	100	SBO	
5990	1000-1600	2728	on-demand	340101	233	146	Daily	2903-2410	NAU	125	SFZ
15420	1800-1859	48-53	TF	320	159	7	2903-2410	MDC	250	SJK	
6140	0800-0900	2728	1st Su	6	270	805	1	2903-2410	MOS	100	SKW
5935	1300-1400	2728	on-demand	340101	233	146	Daily	2903-2410	NAU	125	SKW

Day 1 = Sunday ... Day 7 = Saturday

List of Broadcasters which are using MEDIA BROADCAST technical equipment:

AWR Adventist World Radio.	KRI Koode Radio International {MVB former Mecklenburg-Vorpommern Baltic Radio}
BVB High Adventure Gospel - Bible Voice Broadcasting	MWF Missionswerk Friedensstimme, Gummersbach - Germany
DAK Dandal Kura Radio International	NHK Nippon Hoso Kyokai, Radio Japan World, Tokyo, Japan.
DWL Deutsche Welle Bonn / Berlin	PAB Pan Am Broadcasting.
EMG Evangelische Missionsgemeinden in Deutschland	ROO Radio Oeoemrang, Amrum, Germany, only 21 Febr 2020 single day {RSE former Radio Sinit Eritrea} {RSL former Radio Sawtu Linjiila (former Lutheran World Federation).}
ELL Eritrean Lowland League	RSZ Radio60!
HCJ Reach Beyond (former Voice of the Andes) Sats only, 1530 UTC Russian, 1600 UTC Chechen language.	SBO Sagalee Bilisummaa Oromoo, Voice of Oromo Liberation. Berlin.
JOY Radio Joystick, Germany, 1st Sun, and sometimes at request.	SFZ Studio 52.
KBC The Mighty KBC.	SJK Radio Itahuka in Kirundi Ce/EaAfrica Burundi-Rwanda on Sats.
SKW Foerdereverein "Sender Koenigs Wusterhausen" e.V.	

Please send your inquiries and reception reports to: E-Mail: <QSL-Shortwave -at- media-broadcast.com> (Via TopNews March 26)



## **ALL FOLLOWING ARE CHANGES TO ENGLISH SCHEDULES OF MANY BROADCASTERS**

(Via Bulgarian DX blog.)

### **Reach Beyond Australia**

1245-1300 on 11750 KNX 100 kW / 310 deg to SoAs English Mon/Wed/Fri

1430-1500 on 11825 KNX 100 kW / 335 deg to SoAs English Daily

1515-1530 on 7220 KNX 100 kW / 335 deg to NEAs English Mon/Fri

### **CHINA RADIO INTERNATIONAL**

0000-0157 on 6020 CER 300 kW / 305 deg to ENAm English, inactive in A-20

0000-0157 on 9570 CER 300 kW / 305 deg to ENAm English, inactive in A-20

0500-0657 on 11710 CER 150 kW / 140 deg to N/ME English, inactive in A-20

1100-1257 on 13665 CER 150 kW / 310 deg to WeEu English, inactive in A-20

1500-1557 NF 9880 NNN 100 kW / 200 deg to SEAs English, ex 7205

2000-2157 on 7285 XIA 500 kW / 317 deg to WeEu English, ex CER

### **TRANS WORLD RADIO (India) via Armenia**

1420-1425 NF 11590 ERV 300 kW / 100 deg to SoAs English Mon-Fri,x 9300

1345-1415 NF 11590 ERV 300 kW / 100 deg to SoAs Hindi Sat/Sun, ex 9300

1415-1445 NF 11590 ERV 300 kW / 100 deg to SoAs English Sat/Sun,x 9300

### **TRANS WORLD RADIO (AFRICA) VIA Eswatini. All morning English prgs cancelled.**

0430-0500 on 3200 MAN 050 kW / 233 deg to SoAf English Mon-Fri is cancelled

0500-0600 NF 3200 MAN 050 kW / 233 deg to SoAf English Sat/Sun is cancelled

0430-0500 on 4775 MAN 050 kW / 233 deg to SoAf English Mon-Fri is cancelled

0500-0700 on 4775 MAN 050 kW / 233 deg to SoAf English Sat/Sun is cancelled

0601-0700 on 6120 MAN 050 kW / 233 deg to SoAf English Daily is cancelled

### **TONY ALAMO CHRISTIAN MINISTRIES via MBR Nauen & Tashkent**

1600-1700 on 11830 NAU 125 kW / 128 deg to N/ME English Sun, ex 6120 B-19

1630-1730 on 6155 TAC 100 kW / 163 deg to SoAs English Sun, ex 6060 B-19

1630-1730 on 7425 TAC 100 kW / 090 deg to CeAs English Sun, ex 5945 B-19

### **ADVENTIST WORLD RADIO changes to A20 schedules**

1600-1630 NF 15605 MDC 250 kW / 050 deg to SoAs English, ex 9580 TRM

0000-0100 NF 5945 ERV 300 kW / 100 deg to SoAs English, ex 7300 WOF

0100-0200 on 5970 SLA 250 kW / 063 deg to SoAs English, ex ERV

0500-0600 on 7345 SMG 250 kW / 184 deg to WeAf English, ex WOF

0500-0600 NF 9410 WOF 250 kW / 158 deg to WeAf English, ex 9915

0500-0600 NF 9915 MDC 250 kW / 265 deg to SoAf English, ex 9410

0600-0700 on 12015 SMG 250 kW / 169 deg to CeAf English, ex WOF

0600-0700 NF 15400 MDC 250 kW / 265 deg to CEAF English, ex 15420 DHA

0700-0800 on 7345 SAO 100 kW / 335 deg to WeAf English, ex ASC

0700-0800 on 9410 SAO 100 kW / 088 deg to CEAF English, ex ASC

0700-0800 NF 9915 ASC 125 kW / 027 deg to WeAf English, ex 11810 ASC

0700-0800 NF 15400 MDC 250 kW / 265 deg to CEAF English, ex 15420 DHA

0700-0800 NF 15490 SMG 250 kW / 175 deg to CeAf English, ex 15260 WOF

1600-1700 NF 13660 DHA 250 kW / 220 deg to SoAf English, ex 15400 ASC

1700-1900 NF 7485 SNG 250 kW / 315 deg to CeAs English, ex 7445 MDC

1900-2000 NF 6155 SAO 100 kW / 138 deg to SoAf English, ex 9410 DHA  
2200-2300 on 7445 PHT 250 kW / 200 deg to SEAs English, ex SLA

### **IRRS SPECIAL CORONAVIRUS prgr, updated**

1700-1800 NF 7290 SAF 100 kW / 300 deg to WeEu English, ex 7295 kHz  
1800-1900 on 7290 SAF 100 kW / 300 deg to WeEu English#, unchanged.  
# including other IRRS programs: 1800-1830UTC Mon World of Radio and  
1830-1900UTC Tue Wavescan, 1800-1900UTC Fri Radio City and same time  
in other days are European Gospel Radio/United Nations Radio and etc

### **IRAN**

1523-1620 NF 7410 SIR 500 kW / 105 deg to SEAs English, ex 9800  
1923-2020 NF 9835 SIR 500 kW / 216 deg to SoAf English, ex 9750

### **RADIO JAPAN**

0500-0530 NF 7245 SMG 250 kW / 175 deg to WeAf English, ex 9860, or alternative  
0430-0500 NF 7245 SMG 250 kW / 175 deg to WeAf English-new time of transmission  
1400-1430 NF 11830 DHA 250 kW / 090 deg to SEAs English, ex 9605 HBN

### **RADIO ROMANIA INTERNATIONAL**

0300-0356 NF 9850 TIG 300 kW / 337 deg to WNA English, ex 6040  
1100-1156 NF 15130 TIG 300 kW / 307 deg to WeEu English, ex 13750

### **VANUATU** Registered frequencies of Radio Vanuatu in A20

0000-0700 on 7260 PVL 010 kW or alt. 5040 PVL 010 kW  
0700-1130 on 3945 PVL 010 kW 1000-1900 on 2485 PVL 010 kW 1830-2400 on  
3945 PVL kW All 10kw.and prg non-dir in local Bis/Eng

## **SHORTWAVE NEWS**

### **INDIA**

DX India News Flash:

Due to the present Corona Virus situation, All India Radio has suspended all its External Services from today until 31 March 2020. Besides SW this includes MW channels carrying External Services Viz 594 kHz Chinsurah, 702 kHz Jalandhar, 1052 kHz Tuticorin & 1071 kHz Rajkot, AIR Bengaluru Vividh Bharthi 9865 kHz is also off.

(Jose Jacob-IND VU2JOS, DXindia March 24. Via Top News March 26)

[Some reports suggest AIR still audible on some of its 60mb outlets. Editor]

**EURO PIRATES** are now being heard again as we pass the equinox and head into winter. In our mornings check 76m 3900-4000/4010-4100kHz. 60m 5000-5150kHz.\* {see below} 52m 5780-5840kHz. 48m 6200-6400kHz. 43m 6850-7000kHz. [This frequency range is also used by Nth American pirates, have a listen in our late afternoons].

The following two from Europe being heard on the Leagues SDR in the Bay of Islands. A couple of weeks ago. (REFER TO BANDWATCH)

\***MYSTERY RADIO 21** Germany ?? 4700kHz (Contents of a EMail QSL letter from them)

We are really surprised to learn how many people can listen to us all over Europe and from

Siberia to the East Coast of the United States. In spite of the World Wide Web people still enjoy listening on shortwave, and like us they are fascinated by the myth of wave propagation. That explains the name of our station „Mystery21“. We have been on air for many years, but we are newcomers on shortwave. We chose the 60m band because of the variety of propagation conditions: short distance in Europe during the day and DX after sunset.

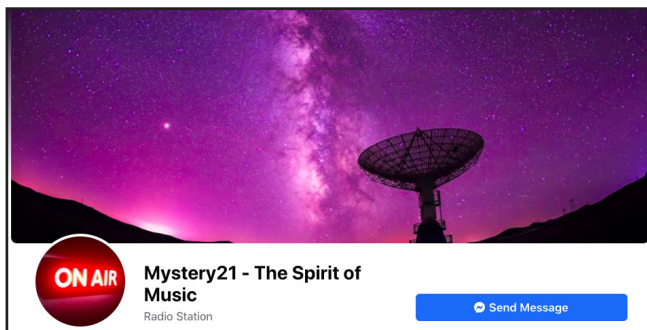
Our equipment is completely homemade and we are testing with 1,2 KW PEP from 8 relatively cheap mosfets and a simple inverted V dipole antenna installed at 25 meters above the soil. We use sound processing with an optimod pc card and with stereo tool. Our bandwidth is a little bit higher than with most commercial stations.

We apologize for not having any printed QSL cards at the moment. Considering the high number of reception reports we are thinking about E-QSL. You will find further information and pictures on our facebook site. There you will also find our webstream during the transmissions. If you like, you can join our facebook group.

### **ZEPPELIN RADIO. GREECE. 6390kHz**

Athens,tx power 130w homemade tube 2x6146b transmitter, Yes I changed the freq 5kHz below to 6390 because a lot of noise, morse, etc.

**CHARLESTON RADIO** Germany ?? 5140kHz just audible for a short period around 1940utc 27/03



# BROADCAST NEWS

Editor

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Mangawhai

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**EQUINOX TIME – DX GALORE! LEVIN 1602 SNEAKS BACK ON AIR**

**NEW ZEALAND** Radio New Zealand documents released under the Official Information Act in the aftermath of the Concert FM Closure fiasco highlight something we already had a hint of. In the 'New Music Opportunity Business Case' dated December 2019 Youth Radio Network Proposal we read: "Broadcasting the revised RNZ Concert via AM radio is also an option. This would involve using the AM radio network currently used for the live coverage of Parliamentary proceedings, which usually only sits for approximately 90 days per annum. At present the down time for Parliament has been leased to Radio Rhema, and this arrangement expires in [confidential]. If this option is utilised it will mean lost income of approximately \$ [confidential] p.a which will add to the net cost of the plan, and it may also add another issue to be wrestled with **in our plans to eventually withdraw from AM broadcasting.**"(BC)

3 consecutive days of fine weather with very low winds at Titahi Bay recently enabled completion of RNZ's new transmission mast at Titahi Bay near Wellington. A helicopter was used to place the top pieces on the mast and to haul up the upper guy wires, which weigh over a tonne each. Work will now focus on the technology required to connect the transmitters to the new mast. Titahi Bay's coverage extends from the lower half of the North Island to a third of the way down the South Island – an extensive area which supports many urban and rural listeners and is essential in times of civil defence emergencies. (RNZ)

The Radio Reading Service transmitter on **1602** at Levin has been reactivated – first noted by Bill Marsh on the evening of 24 March and on the morning of 25 March but not on a regular schedule as yet. The frequency is carrying the programmes of local LPFM station Fusion FM 106.9 FM. Fusion FM is part of the youth section of the Horowhenua Culture & Community Centre, Te Takere. I contacted Centre Manager Hendrix Warren who was unaware of the AM operation but confirmed the old Radio Reading Service AM transmitter had been donated to them when they were developing the radio station project. He said they were in the process of reviving and rebranding the station. (Bryan Clark)

**AUSTRALIA** The Australian Communications and Media Authority (ACMA) has invited applications for a transmitter licence to provide high-power open (HPON) narrowcasting services in Gosford, New South Wales on **747** kHz. The licence will be issued under a price-based allocation system. If more than one application is received, ACMA will issue that licence to the highest bidder at an auction. Application deadline 30 March 2020. (David Ricquish via DX Dialog)

**CROCMEDIA** the launch of 3 'pop-up' radio stations to be known as SENTrack to support Australia's racing, harness and greyhound industries while those sports are still able to operate under COVID-19 guidelines. On 28 March, SENTrack will launch in Melbourne on **1377** SEN+; in Perth on **657** AM and in Wollongong, NSW, on **1575** AM. It will stay on as long as the three codes keep racing in the uncertain months ahead. Australia's first independent racing stations, SENTrack will deliver live audio coverage of some live races

from around the country. **1116 SEN** Melbourne will also simulcast from 2pm. It will launch with a special one off Saturday edition of *Whateley*, starring SEN's own Gerard Whateley, from 10am Melbourne/7am Perth time. Whateley will spend two hours with industry leaders discussing the effects of the COVID-19 virus and the respective code's plans to pivot through the months ahead. (via Ian Baxter MW Masts IO Group)

**BENIN** On 1 February Trans World Radio will broadcast from Benin on **1476 kHz** MW. It supplements the 1566 kHz frequency, which was put into operation in 2008. The new 200kw transmitter will broadcast to Nigeria in Hausa, Yoruba, Igbo, Fulani and Kanuri. A large part of it will specifically address Muslims. So far, these programmes ran to a lesser extent at 1566 kHz. The broadcast time cleared here can be used for an expansion of programmes to the francophone countries of West Africa. Detailed programme plans for the two frequencies are not yet available. 1476 kHz is Radio Benin's previous MW frequency which closed several years ago. TWR built a new mediumwave station 25 km north of Parakou, near Sérarou on the Niger highway. The original plan was to broadcast on shortwave from here, but that will probably no longer be pursued. (Kai Ludwig www.radioeins.de 1 February via BDXC)

**CANADA** 50 Years of Morning Shows: Click on the link below and see the story on how Information Radio on CBW **990 AM** in Winnipeg. There is the story on how CBW changed morning radio into a format so familiar to many of us today but revolutionary back then. Also the pictures are excellent of the days gone by and the faces of the voices so many people heard. By the way after 50 years it is still the number 1 radio station in Manitoba. <https://www.cbc.ca/news/canada/manitoba/cbc-information-radio-50-manitoba-1.5455947> (NRC DX News, commentary via Glenn Hauser's WOR io Group)

**FRANCE/MONACO** According to the economic magazine 'Challenges', RMC is considering cutting its transmitter at Roumoules and leaving the long wave **216 kHz** to save 6 million euros per year. (Christian Ghibaudo 5/3 via Mediumwave.info)

Last week I spoke on the phone with a Monaco Media Diffusion (MMD) manager [to clarify the situation]. The frequency of 216 kHz belongs to the Principality of Monaco and NOT to RMC. The Roumoules transmitter center, built by RMC in 1974, has since 1994 belonged to MMD, a company that belongs to the Prince's Government. If RMC leaves Longwaves, this does not mean the closure of the center at Roumoules. TWR transmissions at **1467 kHz** will continue for as long as TWR wishes; these are two different contracts. Therefore, MMD provides the site maintenance. The other two transmitters and medium wave antennas Monegasque at Col de la Madone (near Monaco) at 702 and 1467 kHz are still in place, but inactive. Since the closure of China Radio International on 702 kHz, contacts have been made, but without effect due to the cost of transmitter rental. (Christian Ghibaudo via Conexion Digital 22/3 via GH's WOR io Group).



**ISRAEL** Several medium wave transmitters have closed recently, there are now only 2 transmitters still on air: **1458 kHz** in Shaar-Yeshuv, which relays "Kan Moreshet" and **1458**

kHz in Eilat, which relays “ Kan Tarbut” radio, because there is no FM coverage of these networks in the mentioned areas. All other stations have gone off air: 531, 657, 738, 882, 1080, 1206 kHz. (Alexei, Israel 22/2 mediumwave.info via BDXC)

Following the report on the closure of AM broadcasts in Israel in January, the broadcasts of “Voice of Hope” in Arabic on **1287** kHz with 50 kW was also stopped.

No official announcement was made. (Offer, Israel 24/2 via Mediumwave.info)

**MEXICO** Radio Educación, an entity with a sector head in the Ministry of Culture, aspires to maintain the concession of the XEEP-AM **1060** KHz in Mexico City, due to the fact that the station is required by law to make a refund of that frequency to the Mexican State after one year of simultaneous transmission on the 96.5 MHz XHEP-FM station, as part of a process of signal migration from the AM band to the FM band that was consented by the Federal Telecommunications Institute (IFT) in 2017. That authority will now study the arguments of Radio Educación to reassign the frequency to this radio broadcaster. Radio Educación trusts that it will achieve its objective, among other factors, because its interest in the station focuses on doing social work from public radio and because, for technical reasons, the FM signal from which it also broadcasts has not the same coverage that AM 1060 does since it began broadcasts almost 96 years ago. The station has already done the paperwork to formalize the return of the AM signal to the regulatory body first and is said to be ready to subsequently start the tender process so that, if it wins, the frequency will be assigned again. The Federal Institute of Telecommunications has written in the Annual Program for the Use and Exploitation of Frequency Bands of the year 2020 that there is an AM station in the Mexico City market assigned to transmit public radio.

XEEP-AM is one of the stations with the best numbers in the entire AM band in the capital and only here, it has a daily net audience of 51,000 listeners at its best and 33,000 listeners in its lowest level, according to INRA measurements for FM and AM broadcasts.

The figure derives from the combination of the audience on AM and FM, but alone, the AM signal, depending on the period of analysis, contributes a third or half of the total audience achieved by Radio Educación through its two transmission channels, a sign that the public associates 1060 AM with Radio Educación and that 96.5 FM has a short coverage range.

Even considering the latest data from Radio Educación in 2017, when only one AM station operated, the level of attraction of listeners of the 1060 in the times of the sister in FM is 10% lower and one explanation is that some content preferred among the public migrated to 96.5 MHz, hence Radio Educación is interested in retaining AM and promoting FM.

(Gruporadioescuchaargentino blog 15/3 via Glenn Hauser’s WOR io Group)

**NORTHERN MARIANNA ISLANDS** KNCM Saipan on **1080** had its licence cancelled by the FCC on 6 March, having been silent since 8 November 2017. (NRC)

**SOUTH KOREA** FEBC Jeju is issuing its own QSL card for the 250kw HLAZ **1566** kHz transmissions for domestic and overseas (to China, Russia, Japan, North Korea). Reception reports in English are accepted. Return postage (US\$1) would be helpful. A self-entering QSL card in English, showing their old and new (dedicated in 2017) buildings in Jeju City, is sent out after about a month. The mailing address; 67, Gamundongsang 4-gil, Aewol-eup, Jeju-si, Jeju-do, 63050 Korea. Website: <http://jeju.febc.net> (Takahito Akabayashi via Glenn Hauser’s WOR IO Group)

**SPAIN** RNE has reduced its Local (LOC) and Regional (REG) programming due to COVID19, effective 14 March:

Mon-Fri: 0625-0630 UTC - LOC R5TN; 0645-0700 UTC - REG R1//R5TN



1804-1806 UTC - REG R1//R5TN; 1925-1930 UTC - REG R1//R5TN

Sat-Sun:0805-0810 UTC REG R5TN

(Mauricio Molano via Glenn Hauser's WOR IO Group) [I have omitted daytime slots that would be impossible propagation for us. BC]

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

- 560 WQAM Miami FL granted CP for U1 4100/1000, moving to licensed auxiliary site 25-50-22/80-11-23.
- 830 WCRN Worcester MA applies to extend STA, U4 18.9/50kw, night pattern 24 hours.
- 850 KHHO Tacoma WA – Networks to Fox/P/CMP/Ns/C2C/BRR.
- 950 KJTV Lubbock TX granted STA, U4 2.5kw days, 500w nights, transmitter problems.
- 1050 KTCT San Mateo CA applies to extend STA, U4 50kw/35kw due Mexican QRM.
- 1150 KAGO Klamath Falls OR granted STA extension, U1 5kw days, 250w nights.
- 1210 KQEQ Fowler CA format to Asian (ex-ETH/Asian); slogan to "Radio Punjab."
- 1210 KGYN Guymon OK applies for CP with U2 22kw days, 10kw nights, replaces old CP for U7 50kw/10kw (CH 39kw) which has expired.
- 1340 KRMD Shreveport LA format to AC/EZL (ex-SPT); slogan to "Lite Rock 100.7".
- 1360 KUIK Hillsboro OR granted STA, U2 1.5kw day & night, due transmitter problems.
- 1370 KAST Astoria OR change of slogan to "1370 AM Cast."
- 1370 WCOA Pensacola FL granted STA extension, U3 2kw/2kw, night pattern 24 hours.
- 1400 WNEX Macon GA new slogan "Shining The Light," adds // WDDO-980.
- 1400 WZAZ Jacksonville FL applies to extend STA, U1 250/250 watts, using 99 metre longwire antenna at 30-19-05/81-32-24.
- 1440 WWCL Lehigh Acres FL –granted STA extension, U3 4.7kw day & night due Cuban QRM.
- 1450 KIKR Beaumont TX granted STA extension, reduced power (using U1 600/600).
- 1470 KUTY Palmdale CA granted STA extension, U1 1.25kw day & night.
- 1480 KPHX Phoenix AZ has CP for U4 950/320, new site (diplexed with KSUN-1400) 33-23-21/111-59-53 (9/21/2021); granted modification to U1 1000/33, same new site.
- 1480 KNGO Dallas TX format to Vietnamese (ex-Brokered/REL); slogan to "Viet Radio," adds // KGOW-1560 at times. (Wayne Heinen)
- 1480 WFLN Arcadia FL has change of callsign to WCXS on 3 March.
- 1490 KOSJ Santa Barbara CA granted CP for U1 1kw/940 watts with adjusted coordinates 34-25-08/119-41-10.
- 1520 KOKC Oklahoma City OK seeks to extend STA, U1 10kw/10kw 35-20-01/97-30-18.
- 1540 KGBC Galveston TX drops Tejano format, is now Oldies. (Glenn Hauser)
- 1560 KGOW Bellaire TX is running // KNGO-1480 at times.
- 1590 KVTA Ventura CA has added // K250BV-97.9. (FCC)

**USA** (Items from International Radio Club of America's 'DX Monitor')

- 1170 KOWZ Waseca MN has changed callsign to KFOW.
- 1210 KQEQ Fowler CA has dropped its "Spice Radio" slogan, is now "Radio Punjab".
- 1280 KXEG Phoenix AZ was silent, is now back on with new unknown format.
- 1370 WSPD Toledo OH has new slogan: "News Radio 1370/92.9 WSPD".

**USA** – AM Stations with "Limited Time" day-power designations: What follows is a list of AM stations that, to the best of my knowledge, are still designated as "limited time" (my own two cents, first: "limited time" is perhaps the ultimate misnomer, as NONE of these stations are having their day-power hours limited to anything less than a sunrise-to-sunset schedule. If



anything, the designation should be what it REALLY is -- “extended time” for each station). In the case of many of these, the information listed is what they were using back in the 1990s, so if anything has changed in the years since with any station, PLEASE feel free to make a correction and/or update.

- 750 KMMJ Grand Island NE - goes to day power at monthly sunrise time of WSB in Atlanta.
- 840 KTIC West Point NE - I'm listing this one simply because they sign on with full day power every morning at 6:00 local time, even if it's before the monthly sunrise time of WHAS in Louisville.
- 1030 KCTA Corpus Christi TX - goes to day power (no sign-on announcement!) at monthly sunrise time of WBZ in Boston.
- 1060 WHFB Benton Harbor MI - goes to 2500 watt critical hours power at monthly sunrise time of KYW in Philadelphia.
- 1110 KFAB Omaha NE - is, of course, 50 KW all 24 hrs, but goes to its non-directional day pattern at monthly sunrise time of WBT in Charlotte.
- 1160 WYLL Chicago IL - goes to its night pattern at monthly sunset time of KSL in Salt Lake City.
- 1530 - WCKY Cincinnati OH - goes to its directional night pattern at monthly sunset time of KFBK in Sacramento.

(Rick Dau via NRC-AM and ABDX groups via Glenn Hauser's WOR io Group)

## **X BAND UPDATE**

**ARGENTINA** A new AM station, identifying itself as “Radio G” has been testing on **1680** KHz for a few days. This new operation on the “X Band”, is actually an FM station that began broadcasting from Glew, Partido de Almirante Brown, on the frequency of 94.5 MHz, and currently operates at 107.1 MHz and 107.7 MHz, having moved central studios to Avenida 844 N° 899, P.A. de Villa La Florida, Partido de Quilmes, Provincia de Buenos Aires. Radio G is under the general direction of Mr. Nelson Ruben Guidi. (Argentina en AM y FM via Facebook 29Feb)

**RUSSIA** On 12 March , an unknown station broadcasting in Russian on **1611** kHz was reported by a Polish DXer Piotr Skorek. Members of the deneb-radio-dx group in Moscow and St Petersburg have subsequently heard the station. To date, the closest thing to an identification has been an English language reference to “...Internet Radio” heard on 15 March by Vasily Lazarev. (Rus-DX 15/3 via Glenn Hauser's WOR io Group)

### **USA – More On Prospective New X-Bander:**

KOHI 1600 is investigating a move to 1610 due adjacent channel interference from KLFE 1590. KLFE is broadcasting from Bainbridge Island west of Seattle and its daytime power is 20,000 watts. And yet the day signal is still able to be heard toward Portland. But you wouldn't know by the signal pattern KLFE has. In response to a DXer's query, the station advised “Thanks for the info....we filed a STA when we lost our antenna site in September 2018 and are in the process of filing an application to move to 1610 ...as you know, we have to work on contour readings to see if the signal works on 1610...if it complies, great if it doesn't we go back to 1600 and then maybe try a power increase to get around the interference of KVRI”. KOHI 1610 is broadcasting on 120' longwire #8 wire located across the street from studios. New antenna is 0.86 mile NNE from original tower. Information from pdxradio.com KOHI signal here is S9+30db. 10 miles from here. There has been no lodging with FCC for a frequency change and no comment from the station in response to enquiries.

(Dennis Vroom and others via IRCA via GH WOR IO Group)

2 licensees applied for STAs, The Mountain Broadcasting LLC for KOHI-A/St Helens OR has applied for a Special Temporary Authority (STA) for emergency operation at 50 watts days, 5 watts night after landowner required licensee to dismantle tower. Still, no application for permission to test or move to 1610! VE7SKA wrote on 12/2: "That's what I thought too – The FCC only seems to license TIS stations on 1610 and has avoided giving the frequency to broadcasters. I haven't seen any indication either that their STA is no longer in effect, nor any pending applications for a frequency change although engineering people I know in the Portland area have told me they were close to returning to air." (Paul Walker Jr via Mike Sanburn via IRCA)

WQFG689, the Hudson County, New Jersey Travellers' Information Service (TIS) station on **1710** kHz AM has been granted Special Temporary Authority to increase power from 10 to 100 watts for 90 days or the cessation of the national emergency, whichever occurs first. The authorization comes with some conditions regarding interference to 1700 WRCR, Ramapo, NY. (Kevin Terkel via David R. Alpert via Glenn Hauser's WOR io Group) [While you might consider this unlikely DX, I do recall WQA767, the Dallas Fort Worth Airport TIS station on 1640 and 1680 being QSLed by myself and other venerable members back in 1997 before the X-band broadcasters occupied the frequencies. Its power was well under 100 watts! BC]

## MAILBAG

**PAUL ORMANDY** Oamaru makes a welcome reappearance in the medium wave pages! "Have found some very good DX to be had on the League SDRs of late. When the delta antenna was beamed North, I heard KINY 800, never heard before, also KDLG Dillingham Alaska on 670, haven't heard them since the late 80s when Alaskans enjoyed a purple patch! Thanks to Peter reorienting the delta at 140 deg towards deep South America, have heard quite a number of tasty catches from deep South America. No reports sent!" *[Thanks, Paul, for the Trail items – always welcome! BC]*

**IAN WELLS** Mosgiel writes "an email verification has been received for KLTT 670kHz Denver from Mike Triem, Western Regional Manager for Crawford Broadcasting (mtriem@crowfordbroadcasting.com), confirming they were on their night-time power of 1400 watts when I heard them on the Northland SDR, and for KNBR 680kHz San Francisco from Jeremiah Crowe, Program Director (jeremiah.crowe@cumulus.com)." *[Well done Ian! Can't say I've seen a KLTT QSL here before. BC]*

**STEVEN GREENYER** Timaru reports: "Early March there was no sign of stations from the south of South America, I didn't listen again until 17 March (recovering from a minor operation) when the regular Brazilians, Argentineans and Uruguay were at fantastic strength for about half an hour. On the following nights they varied from strong to non-existent. For some reason, Argentineans in the band from 700 to 900 kHz are by far the strongest - maybe it's my antenna - will have to check one day. One of the things I have noted is that some nights Brazil on 940 is much stronger than the Argentineans. The regular Latin stations are also making an appearance on 1470,1460.1360 and 880. Take care everyone." *[Thanks Steven – trust the operation has been successful and you're seeing the results! BC]*

**TONY KING** Greytown has a few items for our April column. "Have added another EWE - this time 150 degrees SSE and look forward to some more Latins. 860 is a daily but I can't ID it. Religious format with hymns and a back track of DXT reports doesn't help me. *[Mystery solved Tony – see the Trail. Amazed on what your Tecsun can pull in! BC]*

**SUTTON BURTENSHAW** Hamilton has a lone, but excellent, logging this month Radio Nacional del Paraguay 920! . At 0717 UTC ZP1 920 heard on the Northland SDR Local music and some commercials or announcements with full id top of the hour.

(also at ESP level on my 570D with my 5x15x5m EWE at approx.160deg Magnetic.. I need

to get above the orange tree to confirm the heading!) [No climbing trees mate! BC]

**MIKE SMITH** Opunake is “looking forward to a lot of time at the dials as there ain’t nothin else to do.... Good on Peter for switching the Delta [on the League SDRs] around to the southern aspect, but I fear it suffers from looking at most of NZ first. Latins have been amazing over the last couple of weeks. I have several good recordings to transcribe into reports, those being CX6 Radio Clasica, Montevideo 650, CX38 Radio Difusora Nacional del Uruguay 1290, LRI209 Radio Mar del Plata 670, CB114 Radio Nacional, Santiago 1140, CX20 Radio Monte Carlo 930, CX24 Radio 1010 and LRF210 Radio Tres 780. Enough for now!” [Yes, indeed Mike, a sustained period of reception from the deep south is quite unusual! Good luck with reporting! BC]

**BRYAN CLARK** Mangawhai writes that Tony King’s 15 March log of Radio Continental 590 was the catalyst to expediting his new antenna farm, with the AOR7030+ and a temporary EWE aimed to Argentina in operation a day later (3 more EWEs to follow as time permits). First logs from the new location were the usual Peruvians coming through at sunset. Subsequently got the Winradio SDR activated, also for the first time since November, and am once again monitoring the bands nightly with a number of Latin newbies in the log. Being aged 70+ during the current Covid-19 crisis, we are officially classified as high-risk members of the community and are asked to stay at home. I can’t think of a better way to respond to this than listening to the radio!

#### ‘CONO SUR BENEFIT TRAIL’ - Argentina, Chile & Uruguay!

**TK** Tony King, Greytown with Tecsun PL380 ultralight receiver and flock of EWEs  
**SB\*\*** Sutton Burtenshaw DXing on the League SDRs at Russell, Bay of Islands  
**MS** Mike Smith at home in Opunake with Panasonic DR31 and SSE EWE  
**MS\*\*** Mike Smith DXing on the League SDRs at Russell, Bay of Islands  
**SMF\*\*** Stu Forsyth DXing on the League SDRs at Russell, Bay of Islands  
**BCM** Bryan Clark, Mangawhai w/WinRadio G33DDC & temporary EWE aimed 135 deg.  
**BCM\*\*** Bryan Clark DXing on the League SDRs at Russell, Bay of Islands

153 1729 ROMANIA Antena Satelor w/distinctive folk music format & Romanian chatter // web stream 10/3. Finally confirmed after a few mornings monitoring. Never as good as 171.BCM\*\*

171 1740 MOROCCO Medi 1, Nador good & steady past 1833 on 3/3. Mainly AA DJ & commercials but had FF news at 1829. BCM\*\*

560 0840 ARGENTINA Radio Nacional talk // 640 poss Bahia Blanca fair 18/3 MS

590 0748 ARGENTINA Radio Continental excellent 20/3 MS (Also hrd by TK)

640 0835 ARGENTINA Radio Nacional fair talk. Time pips on half hour. 18/3 MS

640 0735 PERU Pacifico Radio, Lima fair mixing KFI w/religious talk 19/3 BCM

640 0742 PERU Pacifico Radio, Lima w/ gospel mx // web stream. PWO\*\*



- 640a 0758 CHILE (tent) CD64 Radio Cooperativa, Temuco is probably the Latin I am hearing on 640.225m which is putting an annoying het on 640 KFI and Peru, 20/3. Thanks to Martti Karimies & Don Moore on DXing.info for input. BCM
- 650 0925 URUGUAY CX6 Radio Clasica. good, classical music with brief undermodulated anncts. 17/3 MS
- 670 0930 ARGENTINA Radio Mar del Plata good, many IDs 15/3 MS
- 670 0928 ARGENTINA Radio Nacional mixed "Panorama Nacional" 16/3 MS
- 670 0905 UNID LATINS Several SS mixed in here, one with time pips at 0930 likely to be Argentinean Radio Nacional, 22/3. BCM
- 670 0736 ALASKA KDLG Dillingham w/Huey Lewis "Bad case of lovin' you" then Reo Speedwagon "Ridin' The Storm Out" // web stream. PWO\*\*
- 750 0812 ALASKA KFQD fair/ good in fades and mixed with KXTG with sports nx. Identified with Ground Zero prog id which matches web site. 17/3 SMF\*\*
- 750 1059 USA KFQD Anchorage good "KFQD 103.7" on 10/3. MS\*\*
- 770 0832 URUGUAY Radio Oriental vgd w/ music and "Oriental" IDs 16/3 MS
- 770 0731 URUGUAY Radio Oriental, Montevideo, fair lively mx //web 23/3. PWO\*\*
- 780 0805 USA KKOH Reno NV and WBBM Chicago IL mixed with a mx stn. KKOH and WBBM had talk. Strongly suspect KNOM. 17/3 SMF\*\*
- 780 0939 ARGENTINA Radio Tres good with mention of "Trelew" 16/3 MS
- 800 0742 KINY Juneau w/Wham song "Wake Me Up Before You Go-Go", mixed a talk station, // web stream, PWO\*\*
- 820 0750 UNKNOWN Yank - mixed with NZ splash. Talk audible but can't sort it out. PWO also on the job. 17/3 SMF\*\* [See below for confirmation of ID. Ed]
- 820 0827 USA WWBA Largo FL news talk // web stream. PWO\*\*
- 850 0810 URUGUAY Radio Carve, Montevideo, fr-gd w/duet //web stream 22/3 PWO\*\*
- 850 0714 URUGUAY CX16 Radio Carve dominant on measured 849.998 w/soft ballads, talk (frequent mentions of Montevideo) 26/3. BCM
- 860 0823 CANADA CIBC Toronto w/FA in FF mixed with KTRB/KKOW, //web. PWO\*\*
- 860 0728 UNID LATIN SS Religion w/hymns format, regular 22-25/3. Who? TK [I had contemporary Christian vocals here at 0801z 19/3. [XEMO Tijuana now airs paid programming overnight Mon-Fri from 11pm local, so is probably them. Religious prgm in SS at 0705 27/3 hrd after Mexican anthem & confirmed via webstream. BC]
- 870 0725 ARGENTINA Radio Nacional Buenos Aires w/folk music //web. PWO\*\*
- 870 0703 ARGENTINA LRA B. Aires w/ "radio publica, en todo el pais" 27/3. BCM
- 870 0747 USA WWL New Orleans LA the probable culprit - fair with talk. 17/3 SMF\*\*
- 880 0750 USA KRVN Lexington NE fair-good with talk. 17/3 SMF\*\*
- 910 0905 ARGENTINA Radio La Red, BA loud and clear w/ talkback 17/3. BCM
- 920 0712 PARAGUAY Radio Nacional Paraguay, instru mx // web stream. PWO\*\*
- 920 0717 PARAGUAY ZP1 Asuncion w/local music, some commercials/anncts, and full ID in SS at top of the hour. SB\*\*
- 920 0750 PARAGUAY Radio Nacional 24/3 // webstream, harp melodies. BCM
- 930 0727 URUGUAY Monte Carlo w/vintage SS vocals 21/3. TK
- 930 0717 URUGUAY Radio Monte Carlo with tango-style ballads //web stream. PWO\*\*
- 930a 0950 CHILE Radio Nuevo Mundo poor w/SS talk, some music 23/3 on measured 929.639. Faded up nicely on ident at 0958. BCM
- 930 0925 URUGUAY Radio Monte Carlo exc w/ M/F talk 16/3 MS
- 940 0620 BRASIL Radio Boa Vontade vgd with PP Religion 23/03 MS
- 940 0806 BRAZIL Super Rede Boa Ventade, Rio de Janeiro, pr-fr w/MA preacher, best in LSB 22/3. PWO\*\*

- 940a 0728 UNID LATIN on 940.329m hetting 940. (HJGB Cali on 940.29 in Feb20) BCM
- 1010 0735 CANADA CBR Calgary AB dominant w/80s pops (The Cars etc). PWO\*\*
- 1010 0919 URUGUAY tent. Suspect R. 1010 SS music/talk ment. "Uruguay" 16/03 MS
- 1050 0724 URUGUAY Radio Uruguay talk and mx, // web stream. PWO\*\*
- 1125 0757 VANUATU Radio Vanuatu strong over NZ 2/3 BCM\*\*
- 1140 0704 CHILE Radio Nacional, Santiago on 1139.990m w/EZL vocals 19/3 BCM
- 1140 0756 CHILE Radio Nacional w/back to back Latin mx until 0800 then western film themes eg 'Theme from a Summer Place'. Mentioned Los Andes. 22/3 TK
- 1140 0645 CHILE Radio Nacional gd EE oldies into many IDs at 0700 22/3 MS
- 1160 0631 PERU Onda Cero, Lima w/lively Latin vocals, regular idents 23/3. Frequency measured as 1159.993. BCM
- 1220 0548 MEXICO XEB Mexico DF w/ "La B Grande de Mexico" ident, fair 26/3. BCM
- 1290 0900 URUGUAY Radiodiff. Nacional Uruguay good, jazz w/ID on hour 16/3. MS
- 1290a 0732 BRAZIL Unid PP on 1290.286 putting big het whine on 1290 24/3 – the MW Offsets list reports ZYH450 Metropole AM has been hrd on 1290.28. BCM
- 1300a 0731 CHILE Conexion Radio, Santiago identified after an hour's research as off-freq station (1299.686m) hetting 1300. // local KiwiSDR 24/3. BCM
- 1310 0844 USA KTCK Dallas TX sports talk on the effect of virus 23/3. TK
- 1310a 0731 COLOMBIA La Voz de la Patria Celestial on 1309.677m badly hetting 1310, fair on peaks w/ religious songs 24/3. BCM
- 1370a 0659 UNID LATIN on 1370.068 w/Latin pop mx drifting to 1370.069 over 20 minutes, causing het on 1370 24/3. Mundial Bogota has been reported drifting to 1370.070. BCM
- 1370a 0714 UNID LATIN on 1370.0255m 20/3 w/pops, surging to good level. BCM
- 1377 1417 CHINA/JAPAN Chinese mixed w/ NHK2 EE lessons fair 12/3. MS\*\*
- 1380 0641 CHILE Radio Nuevo Tiempo, Lima w/contemporary Christian vocals on measured 1379.986 20/3. Ident finally caught at 0752. BCM
- 1410 0850 CANADA CFTE Vancouver BC w/Coast to Coast AM good level 25./3 TK
- 1420 0720 BRAZIL R Guaruja, Florianopolis, MA/FA chat, on R Bandeirantes px 26/3. PWO\*\*
- 1430 0747 USA KLO Ogden UT all alone 25/3 w/ident & soft vocals on a SE EWE – clearly Latin America signals out of favour this day! At 0800 an EE ident for KMRB "Los Angeles" popped up and this dominated thereafter. BCM
- 1440 0711 KIRIBATI Radio Kiribati, Tarawa, thumping Moana, FA talk. PWO\*\*
- 1467a 1825 UNID (MIDDLE EAST?) station on 1467.365 drifting to .377 by 1855 25/3, causing het whine on 1467. MW Offsets lists IRIB Qom Iran drifting up to 1467.370. BCM
- 1470 0845 PERU Radio Felicidad, Lima vgd w/vocals, ID after two tracks 27/3. TK
- 1490 0901 COLOMBIA Punto Cinco, Bogota w/lively mx items, short anncts 24/3. BCM
- 1500a 0625 PERU Radio Santa Rosa, Lima often, soft vocals on 1499.758m 19/3. BCM
- 1540 0528 BAHAMAS ZNS-1 fading in w/non-stop mx variety 26/3. Brief annct 0600 mentioning Bahamas Broadcasting... operated by.. Bad splat 1548 and low het rumble from KGBC 1539.906. BCM
- 1570 0705 HAWAII KUAU Haiku w/nx from "townhall.com", relig tlk, mxd XERF. PWO\*\*
- 1580 0702 USA KBLA Los Angeles, CA Radio Esperanza w/ballads, dom in SS. PWO\*\*
- 1600 0850 USA KVRI Blaine WA Hindi vocals 25/3. TK
- 1600 0809 USA KVRI Blaine WA w/traditional Hindi vocals // web stream. PWO\*\*
- 1611 1835 AUSTRALIA Vision Christian Radio ident, homily and contemporary Christian vocals 11/3 over something else. BCM\*\*

- 1620 1748 AUSTRALIA Radio 2Moro, Sawt El Ghad, Sydney in AA w/lengthy annct re Corona Virus, over unid music station 17/3. BCM
- 1629 1758 AUSTRALIA 4DB Dalby presumed w/advts including "Visit Queensland Today" and country music 15/3. Mixed w/several others. BCM\*\*
- 1638 1826 AUSTRALIA 2ME Sydney (pres) w/string of commercials in AA & EE, incl. "Maryland Ford" then into Middle Eastern song 14/3. Bit distorted. BCM\*\*
- 1656 1757 AUSTRALIA Vision Christian Radio (Bundaberg Qld listed) briefly on top of VOAC w/messages & Christian songs 12/3. BCM\*\*
- 1656 1805 AUSTRALIA Voice of Australian Chinese, Brisbane vgd w/EZL vocals in CC. Confirmed by webstream. Over unid EE lang station 14/3. BCM\*\*
- 1665 1725 AUSTRALIA Vision Christian Radio, Melbourne alone on freq w/preaching, ident 1730 "all across Australia... Vision Christian Radio" 17/3. BCM
- 1674 1831 AUSTRALIA Radio Haanji, Sydney (location presumed) poor but clear 13/3. Confirmed by webstream. BCM\*\*
- 1692 1815 AUSTRALIA Radio Symban, Campbelltown NSW w/Greek melodies, all alone on freq 13/3. Confirmed with webstream BCM\*\*



## BRANCH NEWS

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

### WELLINGTON BRANCH

The next Beach Babble will be on **Wednesday, 29 April, 11.45am**

(note the change of time)

Beach Babylon Cafe, Oriental Bay, Wellington



# TV/FM NEWS & DX

Editor

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Greetings I hope this finds you in good health and that you stay this way. It sure is unprecedented times we live in. At the time of writing this we are at the beginning of the month long lockdown. Hopefully you will have plenty to do to ward off the gate fever. I can see the League SDRs coming into a lot of use. For myself I have a guitar that I am supposed to be learning how to play and a ham transceiver which both need the dust blown off them. As to be expected, the FM DX has gone into hiatus. Midwinter is supposed to be a time when Sporadic E surfaces. I've only managed to hear one station: ABC Wagga on Channel 0. That was a good number of years ago.

## STATION NEWS

A reminder that Three Life and its plus 1 channel will be closing to be replaced by the return of Edge TV and new The Breeze TV. This change was scheduled for 26 March.

For fans of Juice TV the Kordia Freeview terrestrial channel 200 features them along with Kordia Scenery. They alternate at different times during the day. They're officially a popup channel where anyone can feature programming. Their full schedule can be found here: <https://www.kordia.co.nz/kordia-tv>

There was a flurry of activity on DXdialog relating to the origin of music on the former Radio for the Print Disabled frequency of 1602 kHz. One member with a very long memory harkened back to the days of Radio Guano. Bryan Clark cracked the case when he heard an ident for 106.9 Fusion FM. They're located at the Levin Public Library. (Evidently there was no announcement advising listeners that they were closing to allow the transmitter to cool down, Bryan).

A mystery that many DXers have pondered on is how radio signals propagate I found this piece on the SWLing.com website <https://swling.com/blog/2016/07/fm-dxing-troys-unexpected-catch/>

## FM DXING: TROY'S UNEXPECTED CATCH

I live in Virginia nearly equidistant from RIC/Richmond Int'l AP (east of Richmond) and PHF AP (in Newport News). I had a 1:40 P.M. doctor's appt. [July 12] and I took to I-64 East en route to the doctor near Newport News. My Silverado has an XM Radio that I typically listen to, but the reception is bad in the summer because of the wooded nature of the interstate. I hit the "FM" button and I quickly found a station at 105.7. There were two other 105.7 stations that periodically interfered, but one station was dominating/booming. After music I heard commercials about concerts in Iowa. I heard an Iowa Lottery Commercial. And a Lasik commercial – yes, all from Iowa. I heard a weather forecast that definitely wasn't for Virginia. After 10-12 minutes I got a station I.D.. It was KSUX Sioux City, Iowa. Sioux City, Iowa is 1,332 miles away or an estimated 22-hour drive!



KSUX dominated the airwaves until I got very close to my Newport News, VA appt. By then (around 12:55 P.M.) I had picked-up one of the other two stations that were competing on 105.7. It was a station on the Outer Banks, NC (about 2.5 hours by car away).

When I went back to my Silverado at exactly 2 P.M., the KSUX was barely audible as the Outer Banks, NC station was now the most clear. I drove back towards my home on I-64 West and after a few miles (5-10 at most) the third of the three stations became clear. The third station was "Kiss 105.7" originating in Richmond, VA. That means the Sioux City, Iowa station, 1,332-miles away, had obliterated the Richmond, VA signal from 12:30 P.M. to almost 1:00 P.M. even though at this juncture of my drive Richmond was 45-55 miles away. The KSUX Sioux City, IA station ... even though weak on the drive home ... still occasionally popped through the airwaves to cause interference with the Richmond, VA signal.

If I hadn't heard it, I would have never believed it. I did a quick check and I didn't see anything regarding closer stations possibly simulcasting the KSUX signal. It appears to be 100% legit. I'm dumbfounded. It's a head scratcher for sure.  
By Troy Riedel, via SWLing Post

We've probably all experienced this sort of reception. It gets even more interesting when tropo is involved. An example I had was on 90.9 while we had a strong opening from Wellington. Depending on the angle of the radio I could hear ZM from Wellington or Sumner. The commercial break was interesting getting both Wellington and Christchurch adverts. When I positioned the radio to hear both stations at the same time there was a slight echo.



Graffiti art under the Nae Nae overbridge in Lower Hutt. The Philips factory wasn't far away. That's it for another month, take care and stay healthy!

# UTILITIES

Editor

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Ashburton

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A dull wet Friday morning here in the village and not a soul outside. We are into our sixth day of stay at home. To keep us occupied I have decided that the radio/office needs cleaning out, but not all at once. My wife is cleaning the kitchen one drawer or cupboard a day. For me it is cleaning computer keyboards and radio knobs, one a day. No rush we still have three weeks or more to go. Sorry I appear to be the only contributor this month.

## FREQ UTC DETAILS OF TRANSMISSION

2965	1910	Bangkok Volmet s/on Male "This is Bangkok Radio" fair	22/03	ABD**
3413	1855	Shannon Volmet woman with met reports	poor	22/03 ABD**
5505	1837	Shannon Volmet woman "London Heathrow met report"	good	22/03 ABD**
5643	0424	Fiji 140 / Auckland "continue on datalink" selcal check	good	20/3 ABD**
5643	0441	Jetstar 1203 talking with Nandi two selcal checks second one	good	20/03 ABD**
6604	0851	Gander, Canada volmet male with aviation weather St John and the Halifax fair to good with some noise 0855 "This is Gander Radio"	20/03	ABD**
6676	1912	Bangkok Volmet male "Met report Bangkok" s/off 1912 "Bangkok Volmet out" good	22/03	ABD**
7850	0914	CHU, Canada Male with ID "CHU Canada"	good	25/03 ABD**
8022	0909	VK727 ID Male asking is there was anyone out there that wished to log in. 0914 male saying he was heading over to channel one	fair	20/03 ABD**
8867	0352	Velocity 168, Auckland advise contact Brisbane	good	19/03 ABD
8867	0355	Velocity 104/ Auckland selcal check and position report	good	19/03 ABD
8867	0402	NZ 849 / Auckland advise contact Brisbane 13261	good	19/03 ABD
8957	0901	Shannon volmet woman with aviation weather	fair	20/03 ABD**
15034	1928	Trenton, Canada volmet male with met reports	fades	poor 22/03 ABD**

## CONTRIBUTORS

**ABD** Arthur De Maine, Ashburton – Elad SDR, Icom R-71E, 30ft long wire, Loop.

**ABD\*\*** Arthur De Maine, Ashburton – Northland SDR

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The following received from **Ken Baird** - I was browsing Amazon yesterday and came across this really good reference book. Written by Gayle Van Horn, the Ute expert from the now-defunct Monitoring Times. She produces a new edition of her book, but only as an e-book, each change in broadcasting season.

The Global Radio Guide is full of excellent info, long overdue. Covers extensive ute info as well as a massive amount of SWL info. From Amazon, \$16.21 NZ delivered in less than one minute. I am really enjoying this book. Interestingly, she now uses SDRs with a standby desktop Rxer.

Thanks to all those that contributed this month. Everyone take care and stay healthy

**Arthur**



# *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](http://www.ontheshortwaves.com)> Update, March 1, 2020 -- In "DX History/Clubs & Publications," we conclude our presentation of the station features from the Quixote Radio Club bulletin, with QSLs added. The two new files are "Hear Europe" and "Hear Asia."

< [www.ontheshortwaves.com](http://www.ontheshortwaves.com)> Update, March 8, 2020 -- Dave Thomas kept pretty close tabs on the receiver scene during his DX days, and some of the equipment brochures he collected have survived. We have posted them at the end of "The Early DX of David F. Thomas" section under "Specialized Resources." Thanks to Dave's son, Paul, for sending us this material. -- More under "Specialized Resources," these four new "Wavescan" entries from Adrian Peterson. (1) "Minicoy Island: The Island of the Long Racing Canoe Boats" (Wavescan N572, February 9, 2020); (2) "Uruguay on Shortwave: After the Second Great War" (Wavescan N573, February 16, 2020); (3) "Australian Radio Station 9AC on Bougainville Island" (Wavescan N574, February 24, 2020); and "The Grand Wireless Station at Monte Grande [Argentina]" (Wavescan N575, March 1, 2020). -- And this alert from Mike Barraclough via the British DX Club newsgroup: "BBC Engineering, 1922-1972," Mark Pawley's definitive work on the subject, is now available in PDF form at < <https://bbcbrandingrequests.co.uk/historyofthebbc/engineering/Pawley.pdf> > This tome was a rarity when I found a paper copy many years ago, and to now have it available at a click, and in searchable format, is quite something. And check out the wealth of BBC engineering info at < <https://www.bbceng.info/>>

< [www.ontheshortwaves.com](http://www.ontheshortwaves.com)> Update, March 15, 2020 -- This time, under DX History/Clubs & Publications, we present several items from a Swedish club, Teknik för Alla Eterklubb. These are: a reception report card, a club pin, and a QSL for a special broadcast via Poland that was sponsored by the club in 1957. According to the list of Swedish clubs at < <https://www.tosso.fi/dx/sk.htm>>, the club operated from 1952 to 1970, and Swedish DXer Jan Tunér remembers it. He writes: The first editor was Hugo Gustafsson, followed by Lars Rydén and then Bengt Dalhammar. I took over in 1966. TFAE was a part of the technical magazine Teknik för Alla [Technology for Everyone], and during the 1950s there were thousands of members. You could have a free membership card, buy reception report cards, a pin, diplomas, etc. It sponsored many shortwave competitions. The great competitor was the other technical magazine, Teknikens Värld [World of Technology], which also had a DX club. Neither one was what we would usually call a 'club,' but they contributed considerably to the popularity of DX.

< [www.ontheshortwaves.com](http://www.ontheshortwaves.com)> Update, March 22, 2020 -- The world could use a little humor right now. Check out "Humorous Postcards V" in "DX History/Literature & Humor." -- And thanks to Colin Miller for a recording of Voice of Tehran, possibly from 1976. It's in "Specialized Resources/The DX Recordings of Colin Miller."