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| <b>N.Z. RADIO</b><br><br><b>LEAGUE</b> | <h1>New Zealand DX Times</h1> <p>Monthly Journal of the<br/>New Zealand Radio DX League (est 1948)<br/>May 2019 Volume 71 No. 8</p> <p><a href="http://www.radiodx.com">http://www.radiodx.com</a></p>  | <b>N.Z. RADIO</b><br><br><b>LEAGUE</b> |
|--|--|--|

*Welcome to the May edition of the DX Times.*

It is May already. Where is the year going to? Highlight of the month for me was a trip south to Hina Hina (see report on page 7). It is a beautiful part of the world and we had great pleasure in seeing The Nuggets in perfect weather - apparently a howling gale is the norm! Conditions were dreadful due to surging solar noise affecting the auroral oval. According to Paul Ormandy we were too close to it and so suffered as a result. To be fair, so did Paul up in Oamaru. Meanwhile Bryan Clark enjoyed excellent conditions 1200 km north!

In these situations, when the DX is bad, and this was as bad as I have experienced on any DXpedition, DXers say the camaraderie was the main thing. And, so it was in this case. It was a real pleasure sharing time with old friends. The Bluff oysters and blue cod helped too!



Arthur DeMaine, Stu Forsyth, Steven Greenyer and Sutton Burtenshaw with the Nugget Point Lighthouse in the background.

The DXers were not wearing dark glasses as a disguise - it was actually very sunny in southern South Otago!

**Deadline for next issue is Wed 29th May 2019. P.O. Box 178, Mangawhai 0540**

**CLOSING DATES FOR THE NEXT  
3 MONTHS 2019**

**June**            **Wednesday, 29th May**  
**July**             **Wednesday, 26th June**  
**August**        **Wednesday, 31st July**

**You can send your contributions to the  
 NZ Radio DX League at  
 PO Box 178  
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**or use the email or postal addresses  
 given by the section sub-editors.**

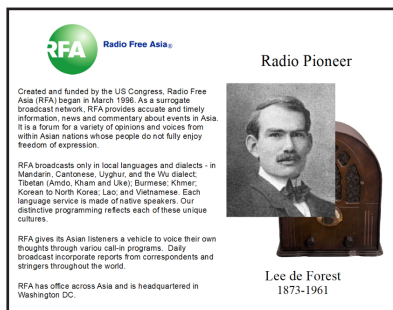


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**Tune in with the DX League's SDR:**  
<http://kiwisdr.northlandradio.nz:8074/>  
<http://kiwisdr.northlandradio.nz:8075/>  
 You will need the password - write to  
[nzrdxldr@gmail.com](mailto:nzrdxldr@gmail.com) for details.

**RADIO FREE ASIA ANNOUNCES RADIO PIONEER QSL #5  
 MAY 2019**

Radio Free Asia (RFA) announces the 5th design in our 'radio pioneer' QSL card series **Lee de Forest, 1873-1961**, was an American inventor with over 180 patents who described himself as the Father of Radio. His is best known for his 1906 invention of the 3-element "Audion" vacuum tube which was a significant contribution to making radio broadcasting possible. He is also well-regarded for his influences on the development of long distance telephone lines and talking motion pictures. This is RFA's 70th QSL design and is used to confirm all valid RFA reception reports from May – August 2019.



**Reception reports** are also accepted by email at [qsl@rfa.org](mailto:qsl@rfa.org) and by mail to: Reception Reports, Radio Free Asia, 2025 M. Street NW, Suite 300, Washington DC 20036, United States of America.

Adam Claydon asks members to help support the DX League Facebook pages.  
 They can be found at  
<http://www.facebook.com/nzrdx1>

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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 start the month with Life Member **Ken Baird in Wainuiomata**: I have been using the NZRDXL SDRs since October on the advice of Arthur (Pres) as SW reception here in Wainuiomata is zero and have now heard 38 countries, many more stations. This is a major improvement and I am now able to resume listening to Intl SW B/Cs. However there is a gap in reception of below 9MHz signals, which is my area of interest, from 22:00 to 03:00 UTC with propagation shifting to the higher frequencies.

The info on the SDRs by Chris Mackerell mentions using <www.sdr.hu> . There are some 400 Kiwi SDR sites on the address, all over the world. I now check my world clock, find a likely site, log on and see what's there. I have heard some very interesting broadcasts. It should be noted, I don't send reports for QSL cards, only listen and don't send in loggings to the DX Times for them.

Some examples are: Canada, CHU at 2244 on 3330 using WA2ZKD Rochester NY, USA (Been trying to hear this for years!!); Madagascar, MWY African Pathways Radio at 2014, 11965 using KPH California USA (I have never heard this broadcast mentioned in the DX Times); Romania, RRI, 2029, 7375 using SM2BYC, Sweden; Turkey, VOT, 2040, 6050 using Fenu-Radio, Switzerland; Taiwan, CRI at 2217 on 7290 using AKKY, Japan; Germany, Bro Stair at 2237 on 6070 using K1RA, USA; USA, WWCR 4 at 0216 on 5890 using I1rra, Italy; Cuba, R Havana at 0226 on 6060 using TF1VHF, Iceland.

As you can see, there is a lot of Kiwi SDRs letting listeners hear anything they like with open access. Great fun!! *[Great to hear from you, Ken. These SDRs do bring a completely new dimension to the hobby. The world is literally at your fingertips]*

**Douglas Johns in Christchurch** is back again with this: In my musing last month I commented on the tardiness of the postie or, more likely the lack of replies from stations. Sadly this has not changed this month. As a result of my recent trips to Westport, Auckland and Hamilton I posted 27 reports, all with prepared cards and return postage. This has resulted in just 8 QSLs - a pretty poor return (and I don't think it is because they were poor reports !!!!). It seems that our major networks have forgotten that it is listeners they are targeting. Granted we DXers are tiny fry in the greater scheme of things but we do listen to radio stations, and those same stations make a point of welcoming listeners feedback. But is feedback just a one way thing to them?? They are in the business of communication and communication is a two way street. After all it does not take an inordinate amount of time to look at a report, sign a card and mail it back. I know that we have no right of entitlement and that replying is a gesture of goodwill, but perhaps station managers, when they next receive a reception report, need to consider their response to the feedback they give, and what it says about them, before consigning a listener contact to the rubbish bin.

Having said all that, thank you to George FM Auckland and Magic Talk Warkworth for sending back my ppc, but where are MediaWorks, NZME and RNZ - all of whom haven't bothered

to reply?

I spent a bit of time listening to an SDR in Alberta over Easter, and of the four reports I sent I received 3 emails back within 24 hours. They were CKJR Wetaskiwin AB 1440, CJCA Edmonton AB 930, and WRSC State College PA 1390. 75% success rate. Puts NZ to shame. *[Yes, it is an on-going problem. As our numbers decrease, the exposure of stations for verifications similarly declines and so the stations get out of the habit. We just need to report more!]*

Our President, **Arthur DeMaine from Ashburton** is a welcome addition. Our four days in Owaka were not entirely a washout. While the DX was poor the company was great. One of the reasons I enjoy Dxpeditio's is sharing our experiences and learning new things that can help one in this hobby of ours. SDRs have certainly made this hobby interesting. One can look at a computer screen and see the radio signals and with one click of the mouse be listening to Radio Cuba or at worst just noise.

I think my best Dx was hearing Morocco on 171 at a reasonable strength on Northland SDR on the last morning.

I am not sure what Arthur Cushen or Mev Branks would make of all this new equipment, iPhone held up to a radio speaker recording a song and the program loaded on iPhone telling you the name of the song, whether it be in English or Spanish. Even with these SDRs it is often enjoyable once and a while to get out the Icom, Drake or the Trio and tune the dial.

Thank you Steven, Stu and Sutton for your company we must do it again and Stu we won't mention cables and Steven we won't talk about the fence. *[It was great having time away with you too, Arthur. The icing on the cake would have been good signals, but I guess we were happy to settle for wonderful company.]*



The Chief Editor showing the Patron the ins and outs of a program on the Patron's Tablet.

The Patron is next. Sutton Burtenshaw calls in from Hamilton. Well, I'm back down to earth after our trip to Hina Hina. Really did enjoy my time with Steven, Arthur and Stu. The band may not have welcomed us but the company was great. Thank you Stu for putting up with me in Auckland beforehand and Steven for making the time to have us down there in the Catlins area.

We heard quite a few heterodynes that did result in some Peruvians making the grade but apart from that the highlight for me was being able to send a report to Medi1 171 kHz, the first ever Longwave station I have heard. Other notable loggings were Cheese Rolls (twice), Bluff Oysters (several) while thinking of a certain chap in Kingaroy, and of course Blue Cod. Look out next year! *[And weren't the cod and oysters wonderful. What a response from a certain chap across the Ditch - our consumption seemed to hit a nerve!]*

**Mike Smith in Opunake** continues to hear those exotic Latins, which annoys me intensely because I can't! Home again now having finished treatment in PN. Now I've got a few weeks to recover and get stuck into some DX before going under the knife to be replumbed! Anyway, what a great idea to share some shack photos around on the web group.

There is still plenty of action coming from South America here so I'm not tempted to reverse the direction of the EWE yet. I notice the MW Aussies are starting to show up in the early evening now so things are on the change. I've still got a phone full of recordings to listen to – reviewed one on 1570 from a few weeks ago (finally) and heard a part ID Radio Cristo (or Cristal) de la –something, also the phrase Bom Dia (PP) or maybe Buen Dia (SS). Trouble is I can't go to work for a few weeks to consult with my Spanish or Portuguese speaking colleagues! Anyway, what's life without a few challenges?

Keep up the good work, the Times is looking really busy and good. *[Thank you, Mike. The mag is only as good as its contributors and we have some good ones, yourself included. Take the time to rest and recover and all good wishes from all of us.]*

The King of East Mangawhai DX, **Bryan Clark** has this to say. A busy month with medium wave DX, trying to identify numerous off-frequency Latins. The age of the internet and the precise frequency measurement possible with SDR receivers means there is a wealth of shared information on these off-frequency broadcasters shared amongst DXers, for example the Offset links accessed through [www.mwlist.org](http://www.mwlist.org) On shortwave, Mali has reactivated and PNG's Wantok Radio Light has made another brief appearance on 7325. *[I'll leave everyone to work out who is tops in West Mangawhai! Yes, the offsets on the SDR are very handy indeed and as we saw down south they are very useful for sorting out who you should be hearing - in our case, should the signals be good enough. It is amazing to see 2, 3 or even 4 stations fighting it out on a frequency. We really do listen with our eyes these days.]*

Life Member **Tony King in Greytown** continues to demonstrate that you do not need a lot of fancy equipment to hear good things. With a 100m longwire and 3 EWEs connected to a Tecsun PL380, Tony has managed to log MW stations in the USA, Brazil, Peru and Puerto Rico. The details are in the MW trail. *[You have a wonderful location, are marvellously inventive in your approach and the results speak for themselves, Tony. I'll never forget the evening I spent at your place about 17 years ago. 100m beverages on the ground and we heard all sorts!]*

**John Durham in Tauranga** reports: Very little DX activity this month; noted a very faint signal on 6290kHz around 1950UTC possibly Mustang Radio but other than that in the the words of Sgt.Shultz I know nothing! *[Well, that makes two of us, John!]*

**Stu Forsyth in Mangawhai** has had little success at the dials apart from a couple of veries OAR (Otago Access Radio) 104.5, but heard on 1575 and RNZI on 5945 - thank you, Adrian Sainsbury! On going problems with a Latin EWE and a lost SDR cable don't help.

## *DXpedition to Hina Hina – April 14-17th 2019*

Where may you ask is Hina Hina? It is about 5km south of Owaka, which in turn is about 30 km south of Balclutha on the South Otago coast. Nestled on the Catlins Lake (in fact an estuary) the house that Steven Greenyer rented is situated with a splendid view over the lake, just above the water. It should have been an ideal location for a DXpedition, but in fact, as it turned out, it wasn't. It was not that the location was poor, it was the atmospheric conditions. Paul Rawdon advised, via DX Dialog, that there was surging solar noise and this affected the auroral oval, as Paul Ormandy told us. We were too close to the edge of this and so listening was dominated by noise. While we were beset with hiss and crackle, Bryan Clark was enjoying good conditions in Mangawhai.



The view from the house down the Catlins Lake towards the sea

Steven Greenyer was joined by Sutton Burtenshaw, Arthur DeMaine and Stu Forsyth. We had four different receivers – a Palstar R30, Palstar R30 A, an Elad FDM-2SW SDR and a WinRadio G33DDC SDR. These were connected to a variety of aerials. Steven's 5m EWE pointed south east, a 5m EWE strung from trees pointed east, while Arthur put up a couple of 3m EWEs pointing east and north and a random longwire. In many ways Arthur's aerials out-performed the others.

The comparison between the Elad and the WinRadio was interesting as well. In many ways the Elad was superior, particularly with regard to noise reduction or elimination.

On the WinRadio I was able to see carriers on virtually every 10 kHz channel, but because of the noise levels the signals simply couldn't break through. I had similar conditions around New Year up in Mangawhai, but then suddenly, things improved. Had we stayed long enough, we would have heard a lot, I suspect.

That isn't to say that we didn't hear things. As you will see from the various trails there were things to be heard, just not very well. On Mediumwave it was the Peruvians that dominated. We had signs of, or heard, Radios Unión, Cielo, Bienestar, Ecco, Capital and Santa Rosa. Radio Nacional in Buenos Aires also put in an appearance, as did a couple of Yanks. We filled in our days with local visits and a spot of tree-felling. Steven has bought the section

next to this house and spent most of his time playing at being a Canadian lumberjack. He dropped half a dozen trees, including one which spectacularly smashed down one of his fences. The other three of us were there, of course, to offer sage advice and help clean up the mess!

While it was disappointing that reception was not good, the camaraderie was excellent and it was great just to get away from it all. Thanks to Steven Greenyer for organising the venue, the menu and the transport. It is very much appreciated.



An old scow we saw on our travels - now a rarity



Our 5m EWE (a Steven Greenyer portable) at Hina Hina



# BANDWATCH UNDER 9MHz



**Editor**  
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**Dunedin**

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It's May already, Easter has been and gone and winter is on the doorstep. As I remember, winter brought South Americans to my old Hallicrafters in the dim distant past – not so many of those on shortwave these days. My thanks to those who got their loggings in early and to our esteemed Editor for taking care of any who stuck with the official deadline. As usual, your contributions are always welcome - remember to show loggings as tentative if you don't get a clear ID, or if there's any doubt, 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**

|      |      |   |
|------|------|---|
| 4750 | 1850 | BANGLADESH, B Betar Exc in EE with Mariah Carey song. 16/4 Hina **  |
| 4750 | 1840 | BANGLADESH Bangladesh Betar strong signal w/western pops and EE anncts to s/off 1900 after thanking iTunes for the music, giving ident and postal address 16/4. Tone test follows till next broadcast starts around 1915. BCM** |
| 4885 | 1839 | SOUTH KOREA, Echo of Hope, poor with mx. 16/4 Hina  |
| 5020 | 0855 | SOLOMON IS, SIBC fair in English with ID , talk and music 13/4 KAB**  |
| 5795 | 0732 | USA, WRMI fair with comment in English, (Tent) 13/4 KAB**   |
| 5860 | 1840 | KUWAIT, R Farda, poor with talk in Farsi. 16/4 Hina   |
| 5875 | 1831 | ARMENIA, BBC WS fair in Pashto with sound/ music accompanying BBC nx. Mentions of Israel. // 7465 ex Singapore not as gd. 14/4 Hina   |
| 5890 | 1828 | GERMANY, VOA Deewa R fair in Pashto with talk. //7540 poor. 14/4 Hina   |
| 5910 | 1833 | ROMANIA, RRI Fair in Aroumanian/ Vlac (whatever they may be). 14/4 Hina   |
| 5945 | 0859 | NZ, RNZI v good with Saturday Night requests & news in English 13/4 KAB**   |
| 5945 | 0958 | NZ RNZI poor with EE announcements, bellbird i/sig 4/4 JM   |
| 5945 | 0823 | NEW ZEALAND, RNZI good with Pacific Dateline. 16/4 Hina   |
| 5950 | 1858 | ETHIOPIA Voice of the Tigray Revolution with HOA songs 27/3 BC  |
| 5950 | 2005 | FRANCE KBS World Radio via Issoudun, fair with FF to West Africa 7/4 BC   |
| 5960 | 1950 | TURKEY VOT good in Turkish with lively music 7/4 BC   |
| 5960 | 1835 | TURKEY, VoT vg in TT. 14/4 Hina   |
| 5965 | 1600 | IRAN VOIRI poor with EE for Sth Asia 26/3 JM  |
| 5970 | 1859 | ALBANIA, CRI in FF with talk. Fair sig. // 7350 better at 1903. 14/4 Hina   |
| 5975 | 0510 | AUSTRIA NHK World Radio via Moosbrunn, poor in EE 10/4 JM   |
| 5975 | 0505 | AUSTRIA, R Japan good in EE with nx. 16/4 Hina  |
| 5980 | 0906 | USA, R Marti fair with news in Spanish (Tent) 13/4 KAB**  |
| 5980 | 1615 | NZ RNZI fair EE to the Pacific 1/4 JM   |
| 5985 | 0505 | ALBANIA CRI via Cerrik fair with Arabic 1/4 JM  |
| 5990 | 1815 | ROMANIA RRI fair in Romanian with music 25/3 BC   |
| 5995 | 1844 | SOUTH KOREA, Echo of Hope, poor/ fair with talk. //6250 not as good. 6350 poor 16/4 Hina  |
| 5995 | 0550 | MALI Bamako reactivated, noted w/Afro beat, instrumental theme & FF anncts to the hour. Initially poor but returned at 0712 to find improved signal, news in FF, ident for 'Radio Nationale'. 8/4 BCM                           |

6005 0522 ASCENCION IS, BBC good in English, with ID, news 2/4 KAB\*\*  
6015 0500 ROMANIA, RRI Vg in FF with nx. 16/4 Hina  
6020 1845 CHINA CRI via Shijiazhuang fair in Bulgarian 9/4 BC  
6020 1840 CHINA, CRI Good in Bulgarian with talk and nx. // 7265 as good. 14/4 Hina  
6030 0535 USA, R Marti - fair/ good in SS. 16/4 Hina  
6030 0408 USA, IBB Fair in SS. 17/4 Hina  
6045 0440 GERMANY AWR via Nauen good in FF to North Africa 28/3 BC  
6050 0455 FRANCE, R Algérienne fair but a bit noisy in AA. 17/4 Hina  
6055 1904 ALBANIA, CRI good with male in French (Tent) 26/3 KAB\*\*  
6060 1630 CHINA CRI good with EE service 26/3 JM  
6105 0500 FRANCE R Algerienne via Issoudun in FF with Arabic prayers 28/3 BC  
6110 1958 ETHIOPIA, R Fana, fair with music and talk in Amharic, some QRM, (Tent) 9/4 KAB\*\*  
  
6125 0404 TURKEY VOT with ID and news in EE 27/3 BC  
6125 0510 FRANCE, R Algérienne fair/ good but a bit noisy in FF with nx Good in AA after 0530. 16/4 Hina  
  
6130 1910 SWAZILAND TWR Manzini poor in PP, contemporary Christian vocal, interval signal at 1920 16/4. QRM from 6135, presumed North Korean jammer. BCM\*\*  
  
6135a 0535 BRAZIL Radio Aparecida strong in PP w/prayer, soft vocals on measured 6134.897 on 11/4. Possibly // 11855.72 very poor. BCM  
  
6140 1841 INDIA, AIR fair/ poor in Urdu. 14/4 Hina  
6145 0529 ROMANIA RRI good in Romanian with music 28/3 BC  
6155 0512 AUSTRIA, R Austria Int. good in GG with nx of Notre Dame fire. 16/4 Hina  
6165 1725 CHINA, CRI very good in EE. 5/4 BDW  
6180 0440 ROMANIA RRI good in Romanian, pop songs 9/4 BC  
6180 0531 SAO TOME, VOA fair in French comment (Tent) 2/4 KAB\*\*  
6195 1738 OMAN BBC via Al Seela in EE with sports results 31/3 BC  
6195 1905 UNITED ARAB EMIRATES? BBC World Service in EE w/news and 'Focus on Africa'. Bad transmitter hum till 1906 then clear. Presumed Al Seela transmitter site 19/4. BCM\*\*  
  
6205 1750 IRELAND (tent) Laser Hot Hits, back to back pops, no ID heard 25/3 BC  
7205 1545 CHINA CRI fair with EE service 6/4 JM  
7205 1908 SUDAN Radio Omdurman (presumed) strong w/news in AA, frequent mentions of Sudan 19/4. BCM\*\*  
  
7215 2030 ALBANIA CRI good via Cerrik in Arabic for Egypt 7/4 BC  
7220 1535 CHINA CRI fair with JJ prgm // 5980 26/3 JM  
7225 1900 GERMANY, VOA in Kurdish - fair. 14/4 Hina  
7275 0800 SOUTH KOREA KBS World Radio poor in Korean 14/3 JM  
7275 0903 CHINA, PBS Xinjiang fair in Uighur with female with news (Tent) 13/4 KAB\*\*  
7275 1955 CHINA, Firedrake, fair in CC with standard music, noisy, (Tent) 9/4 KAB\*\*  
7290 1915 ROMANIA IRRS fair with EE religion 30/3 JM  
7295 2005 CHINA, CRI v good in EE with ID and "China Playground" prgm 29/3 KAB\*\*  
7325 0410 ROMANIA RRI fair in Romanian with pops 9/4 BC  
7325 1430 CHINA CRI good at s/on in Filipino 31/3 JM  
7325 0952 PAPUA NEW GUINEA Wantok Radio Light reactivated 8/4 but only weak signal. Hymns including 'How Great Thou Art'. Totally obliterated at 0955 Very weak carrier trace noted 1930 9/4 but unsure if this is them. Not hrd since. BCM\*\*

7330 1435 CHINA CRI good in Russian for Asia & Europe 31/3 JM  
7335 0600 USA R Marti good with SS ID // 7365 3/4 JM  
7345 0635 ROMANIA RRI fair with EE news 14/3 JM  
7360 2059 VATICAN CITY, Vatican R opening in PP. Good signal. 15/4 Hina  
7375 0341 ROMANIA, RRI fair in EE. 3/4 BDW  
7385 1907 CHINA, CRI good with female singers. Some adjacent station QRM (Tent  
26/3 KAB\*\*  
7420 1740 CHINA CRI fair with EE to SE Asia 22/3 JM  
7425 1838 UK, Follow the Bible Ministry, excellent, male with Koran in Arabic (Tent  
28/3 KAB\*\*  
7425 2101 SAUDI ARABIA, R Saudi with Quran. Good signal. 15/4 Hina  
7435 1820 CHINA CRI fair in Italian for Europe 20/3 JM  
7485 1846 SINGAPORE, BBC WS fair but noisy in EE. 14/4 Hina  
7490 1200 USA WWCR fair at s/on, EE, frequent IDs 17/3 JM

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          | Kenwood R-5000, EWE  |
| <b>BCM</b>    | Bryan Clark   | Mangawhai             | WinRadio G33DDC & AOR7030+ with EWEs to North, Central & South America |
| <b>BDW</b>    | Brian Webb    | Upper Hutt            | DE-1103 & AR-1733 with whips   |
| <b>JM</b>     | John Mainland | Wellington            | Philips D-2999, 20m longwire   |
| <b>KAB**</b>  | Ken Baird     | Wainuiomata           | ** Using the League's Northland SDR                                    |
| <b>Hina</b>   | Stu Forsyth   | Hina Hina (Sth Otago) | WinRadio G33DDC with SE EWE  |
| <b>Hina**</b> | Stu Forsyth   | Hina Hina             | ** Using the League's Northland SDR                                    |

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# BANDWATCH OVER 9MHZ



Editor

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If unsure of ID, item should be marked 'tentative'.

Please avoid duplicate items appearing in consecutive edit

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

|      |      |  |
|------|------|--|
| 9410 | 1550 | SINGAPORE, BBC. Urdu sce; fair; // 7485 poor – 26/3 JM   |
| 9420 | 2115 | GREECE, VoG. (AVL). Lively songs in Greek, good – 30/3 BC  |
| 9440 | 0320 | OMAN, BBC (SLA) . Talk on Nepal in English, & nx – 31/3 BC   |
| 9440 | 0350 | CHINA, CRI. Fair in English – 2/4 BDW  |
| 9445 | 0900 | N. KOREA, VOK. Chinese to E.Asia poor; // 7220 – 24/3 JM   |
| 9460 | 1130 | GUAM, AWR. Closing accncts in EE; fair – 16/3 JM   |
| 9490 | 0335 | FRANCE, R.Republica (ISS). In Spanish – 7/4 BC   |
| 9500 | 1940 | ROMANIA, RRI good but with strong background noise, M/F discussion in Romanian (Tent), 9/4 KAB**   |
| 9510 | 2045 | FRANCE, R.Algerienne. AA speech & mx; fair; off 2100 – 8/4 JM  |
| 9515 | 1620 | CHINA, CRI. Fair in Mandarin? (Tentative) – 26/3 BDW   |
| 9550 | 1420 | CHINA, CRI. Vietnamese for S.E.A.; fair – 31/3 JM  |
| 9555 | 2105 | SAUDI ARABIA, BSKSA. AA sce; fair // 9870 – 14/3 JM  |
| 9565 | 2120 | USA, R.Marti. In Spanish - 30/3 BC   |
| 9570 | 0925 | S.KOREA, KBS. Korean sce; fair – 21/3 JM   |
| 9615 | 1850 | CHINA, CRI. GG for Europe; poor – 22/3 JM  |
| 9620 | 0658 | FRANCE, R.Algerienne (via ISS). AA s/off; good – 3/4 JM  |
| 9620 | 2038 | TURKEY, TRT. Excellent in English – 3/4 BDW  |
| 9620 | 2120 | TURKEY, RT. EE ID, fq anncts to S.Asia/Aust; fair – 8/4 JM   |
| 9625 | 2040 | JAPAN, NHK. JJ sce for Pacific; poor – 14/3 JM   |
| 9630 | 0505 | AUSTRIA, AWR (MOS). In Hausa to Central Af; good – 30/3 BC   |
| 9650 | 1855 | GUINEA Conakry initially fair in FF w/talk, time check and ident on the hour as "Dix-neuf heure G.M.T, ...la Radiodiffusion Nationale de la Republique du Guinee". Then strong Chinese on 9655 spoilt reception 9/4. BCM** |
| 9656 | 2100 | USA, R.Marti. SS prgm via Greenville; fair – 14/3 JM   |
| 9690 | 2124 | SPAIN, REE (NOB). In Spanish to N.Am– 30/3 BC  |
| 9695 | 1855 | CHINA, CRI. Bulgarian for Europe; fair //6020, 7265 22/3 JM  |
| 9710 | 0213 | CHINA, CRI, Kashi. In Spanish to S.Am – 31/3 BC  |
| 9710 | 0243 | CHINA, CRI. Excellent in Spanish – 2/4 BDW   |
| 9720 | 1220 | CHINA, CRI. Filipino sce; fair -19/3 JM  |
| 9730 | 1953 | VIETNAM, VOV good with music and talk in French (Tent), 9/4 KAB**  |
| 9760 | 1200 | CHINA, CRI. Excellent in English – 15/3 BDW  |
| 9760 | 1225 | CHINA, CRI. EE to the Pacific; good – 19/3 JM  |
| 9785 | 1510 | CHINA, CRI. Fair in English – 26/3 BDW   |
| 9790 | 2052 | FRANCE, RFI Excellent in FF with talk. //7205 much weaker. 15/4 Hina   |
| 9865 | 1730 | INDIA, AIR (BGL). In Hindi & songs; good 30/3 BC   |
| 9875 | 2106 | NTH KOREA, V of Korea with usual martial music - fair. //11635 fair, 9445  |

good in AM mode. 15/4 Hina

11560 0220 INDIA, AIR (BGL). Good in Pashto & songs – 31/3 BC

11660 0249 IRAN, VoIRI in SS to Europe - fair to good sig with axmnts of freqs. Off at 0252. 15/4 Hina

11665 0352 MALAYSIA Wai FM poor but improving signal w/soft vocals, ident 0358, time signals & news on the hour 18/4. (League SDR had better signal) BCM

11700 0400 CUBA, RHC. Poor in SS – 10/4 JM

11725 2110 NEW ZEALAND, RNZI with Pacific Dateline . Very good. 15/4 Hina

11745 0425 SAUDI ARABIA, BSKSA Al-Azm R.Jeddah> In Arabic prayers - 27/3 BC

11745 2015 UAE, R Sawa excellent with Koran in Arabic (Tent), 29/3 KAB\*\*

11760 0140 CUBA, R Habana Cuba fair in SS. //11670 poor, 11700 fair, 11850 fair. 16/4 Hina

11810 2113 UK, BBCWS in EE - Poor/ fair, but a bit noisy. 15/4 Hina

11820 1915 SAUDI ARABIA, BSKSA. AA prgm w/Koran; fair – 26/3 JM

11850 0420 CUBA, RHC. SS prgm; poor – 10/4 JM

11850 0256 CUBA, R Habana Cuba fair in SS to Sth America. //11670 not as good, 9535 fair 15/4 Hina

11860 0426 YEMEN , Republic of Yemen R Sanaa/Riyadh. In Arabic & songs – 27/3 BC

11875 0344 OMAN, BBC (SLA). In Persian to Iran; good – 9/4 BC

11875 0425 OMAN, BBC (SLA). Persian speech/mx; poor – 10/4 JM

11875 1150 CHINA, CRI. Chaozhou sce for S.E.Asia fair // 9440 poor – 21/3 JM

11895 1946 CHINA, CRI Xinjiang , excellent with male in Cantonese (Tent), 9/4 KAB\*\*

11905 1045 CHINA, CRI. EE sce.; fair 31/3 JM

11910 2115 JAPAN, NHK World R Japan Poor/ fair in JJ. 15/4 Hina

11925 0135 SRI LANKA, AWR Poor in Cantonese. 16/4 Hina

11940 2117 SPAIN, REE poor but clear in SS. Better at 0130. 15/4 Hina

11955 0500 AUSTRIA, AWR (MOS). Very good in Hausa – 14/4 BDW

11955 1155 CHINA, CRI. Filipino to S.E.Asia; poor – 21/3 JM

11955 1620 VATICAN. Vy gd in English to 1630 (Site?) – 14/4 BDW (“real time” ID site suggests SMG – Ed)

11955 1630 AUSTRIA, AWR (MOS). Very good in Farsi – 14/4 BDW

11980 0430 TURKEY, RTI. Turkish speech; good – 10/4 JM

11980 1215 CHINA, CRI. EE for S.E.Asia; fair – 24/3 JM

11995 1956 FRANCE, RFI v good with male in French. Off at 2000 after ID. 30/3 KAB\*\*

12015 1200 CHINA, CRI. EE nx for South Asia; poor – 21/3 JM

12025 1820 INDIA, AIR. Maylalam to Middle East; fair – 16/3 JM

12030 2120 SPAIN, RNE fair in SS - seems a different prog from 11940. Hina 15/4

12030 1655 SPAIN, RNE. AA, RR 1700-1730, SS 1730; fair – 1/4 JM

12040 2200 GUAM, AWR. EE anncts, prgm in Indonesian; fair – 15/3 JM

12060 1940 FRANCE, R. Algerienne (via ISS). AA speech, off 1957; fair – 10/4 JM

12065 1200 OMAN, BBC (via SLA), EE, fair – 28/3 JM

12070 0327 THAILAND, R Liberty fair with male comment in Dari (Tent), 5/4 KAB\*\*

12070 1130 CHINA, CRI. Filipino for S.E.Asia; good //5910, 7410 – 31/3 JM

12095 1205 PHILIPPINES, FEBC (BOC). Lu Mien for Asia; fair – 24/3 JM

12095 0134 SINGAPORE, BBC WS fair but noisy in EE. 16/4 Hina

12160 0412 IRAN, VOIRI excellent with female talk in Arabic (Tent), 7/4 KAB\*\*

13580 1120 CHINA, CRI. Cantonese for Pacific; good //9540 – 16/3 JM  
 13590 0355 CHINA, CRI. EE to East Asia; fair – 27/3 JM  
 13655 0510 CHINA, CRI. Cantonese to East Asia; poor – 16/3 JM  
 13695 0320 INDIA, AIR Bangalore excellent with talk in Hindi, (Tent), 5/4 KAB\*\*  
 13695 0405 INDIA, AIR. Hindi to Middle East; fair – 27/3 JM  
 13720 1130 CHINA, CRI. English to Asia; fair – 16/3 JM  
 13750 0759 CHINA, CRI. Fair in Chinese to s/off 0800 – 16/3 JM  
 13840 0247 NZ, RNZI v good in English with ID and news, 2/4 KAB\*\*  
 13840 0410 NEW ZEALAND, RNZI. English for the Pacific; poor – 27/3 JM  
 13840 0145 NEW ZEALAND, RNZI fair with National R. 16/4 Hina  
 13840 0416 NZ, RNZI excellent in English discussing Huawei problems in NZ and rest of world (Tent), 7/4 KAB\*\*  
 13860 0150 CHINA - not sure which station. Carrier visible on SDR, finally at 0150 drum beats and traditional Chinese music and then off. 16/4 Hina  
 15120 0330 CHINA, CRI. English; Beijing Hour. Fair – 14/3 JM  
 15195 0335 JAPAN, NHK. JJ sce; fair - 14/3 JM  
 15280 0750 JAPAN, NHK via YAM. JJ to Asia; fair – 16/3 JM  
 15285 0410 SAUDI ARABIA, BSKSA. Swahili to E.Af; fair – 20/3 JM  
 15320 0340 TAIWAN, RTI. EE sce; mx prgm; fair – 14/3 JM  
 15410 2240 AUSTRALIA, RBAbc. JJ sce; poor – 13/3 JM  
 15445 0555 CHINA, CRI. RR sce, mx, fair // 15665 – 14/3 JM  
 15450 0640 ROMANIA, RRI. EE sce; fair – 26/3 JM  
 17520 2300 GUAM, AWR (SDA). Very good in Mandarin – 11/4 BDW  
 17530 0500 TURKEY, RTI. Malay sce; t/s; fair – 16/3 JM  
 17640 0214 CHINA, CRI good with male comment in Russian (Tent), 12/4 KAB\*\*  
 17650 0000 GUAM, AWR (SDA). Excellent in Mandarin – 12/4 BDW  
 17690 0323 SAIPAN, RFA fair with two stations QRM (Chinese Firedrake, RFA?) (Tent), 5/4 KAB\*\*  
 17710 0450 CHINA, CRI. Hakka sce for S.E. Asia; fair – 16/3 JM  
 17730 0450 CHINA, CRI. EE sc to Asia/Europe; fair – 16/3 JM  
 17740 0445 CHINA, CRI. Vietnamese sce; fair - 16/3 JM  
 17810 0440 JAPAN, NHK. JJ sce to S.E. Asia, fair – 16/3 JM

### CONTRIBUTORS

|              |               |              |  |
|--------------|---------------|--------------|--|
| <b>BC</b>    | Brian Carr    | Christchurch | Kenwood R-5000. EWE.   |
| <b>BCM</b>   | Bryan Clark   | Mangawhai    | WinRadio G33DDC, AOR-7030+, EWES to North, Central and Sth America |
| <b>BCM**</b> | Bryan Clark   | Mangawhai    | NZRDXL SDR Russell, Northland.                                     |
| <b>BDW</b>   | Brian Webb    | Upper Hutt   | DE-1103 & AR-1733 with whips                                       |
| <b>JM</b>    | John Mainland | Wellington   | Philips D2999. Long wire, 20m E/E                                  |
| <b>KAB**</b> | Ken Baird     | Wainuiomata  | NZRDXL SDR Russell, Northland.                                     |
| <b>Hina</b>  | Stu Forsyth   | Hina Hina    | WinRadio G33DDC, 5m EWE  |

Your input much appreciated, thank you.

73

*Kelvin*

# ENGLISH IN TIME ORDER

Editor

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Time Order summary of Ian's BandWatch Under 9MHz & Kelvin's BandWatch Over 9MHz columns. For station transmitter sites please refer to the BandWatch columns. Please remember to include the date and signal strength with all your loggings and send them to the Under/Over 9MHz Bandwatch column editors, thanks.

The Solar Flux is aired daily over WWV/WWVH on 2.5, 5, 10, 15 and 20 MHz Shortwave at 18 & 45 minutes past every hour.

\*\*\*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 |
|------------|-------------------|-----------------|-----------------|----------|-----------|
| 0134       | 12095f            | BBC WS          | UK              | 16-Apr   | Hina      |
| 0145       | 13840f            | RNZI            | NZ              | 16-Apr   | Hina      |
| 0247       | 13840g            | RNZI            | NZ              | 2-Apr    | KAB       |
| 0320       | 9440              | BBC             | UK              | 31-Mar   | BC        |
| 0330       | 15120f            | CRI             | CHINA           | 14-Mar   | JM        |
| 0340       | 15320f            | RTI             | TAIWAN          | 14-Mar   | JM        |
| 0341       | 7375f             | RRI             | ROMANIA         | 3-Apr    | BDW       |
| 0350       | 9440f             | CRI             | CHINA           | 2-Apr    | BDW       |
| 0355       | 13590f            | CRI             | CHINA           | 27-Mar   | JM        |
| 0404       | 6125              | VOT             | TURKEY          | 27-Mar   | BC        |
| 0410       | 13840p            | RNZI            | NZ              | 27-Mar   | JM        |
| 0416       | 13840e            | RNZI            | NZ              | 7-Apr    | KAB       |
| 0450       | 17730f            | CRI             | CHINA           | 16-Mar   | JM        |
| 0505       | 5975g             | R Japan         | JAPAN           | 16-Apr   | Hina      |
| 0510       | 5975p             | NHK World Radio | JAPAN           | 10-Apr   | JM        |
| 0522       | 6005g             | BBC             | UK              | 2-Apr    | KAB       |
| 0635       | 7345f             | RRI             | ROMANIA         | 14-Mar   | JM        |
| 0640       | 15450f            | RRI             | ROMANIA         | 26-Mar   | JM        |
| 0732       | 5795f             | WRMI            | USA             | 13-Apr   | KAB       |
| 0823       | 5945g             | RNZI            | NZ              | 16-Apr   | Hina      |
| 0855       | 5020f             | SIBC            | SOLOMON IS      | 13-Apr   | KAB       |
| 0859       | 5945g             | RNZI            | NZ              | 13-Apr   | KAB       |
| 0958       | 5945p             | RNZI            | NZ              | 4-Apr    | JM        |
| 1045       | 11905f            | CRI             | CHINA           | 31-Mar   | JM        |
| 1130       | 9460f             | AWR             | USA             | 16-Mar   | JM        |
| 1130       | 13720f            | CRI             | CHINA           | 16-Mar   | JM        |
| 1200       | 7490f             | WWCR            | USA             | 17-Mar   | JM        |
| 1200       | 9760e             | CRI             | CHINA           | 15-Mar   | BDW       |
| 1200       | 12015p            | CRI             | CHINA           | 21-Mar   | JM        |
| 1200       | 12065f            | BBC             | UK              | 28-Mar   | JM        |
| 1215       | 11980f            | CRI             | CHINA           | 24-Mar   | JM        |

|           |        |                   |            |        |      |
|-----------|--------|-------------------|------------|--------|------|
| 1225      | 9760g  | CRI               | CHINA      | 19-Mar | JM   |
| 1510      | 9785f  | CRI               | CHINA      | 26-Mar | BDW  |
| 1545      | 7205f  | CRI               | CHINA      | 6-Apr  | JM   |
| 1600      | 5965p  | VOIRI             | IRAN       | 26-Mar | JM   |
| 1615      | 5980f  | RNZI              | NZ         | 1-Apr  | JM   |
| 1630      | 6060g  | CRI               | CHINA      | 26-Mar | JM   |
| 1725      | 6165g  | CRI               | CHINA      | 5-Apr  | BDW  |
| 1738      | 6195   | BBC               | UK         | 31-Mar | BC   |
| 1740      | 7420f  | CRI               | CHINA      | 22-Mar | JM   |
| 1840-1900 | 4750e  | Bangladesh Betar  | BANGLADESH | 16-Apr | BCM  |
| 1846      | 7485f  | BBC WS            | UK         | 14-Apr | Hina |
| 1850      | 4750e  | B Betar           | BANGLADESH | 16-Apr | Hina |
| 1905-1906 | 6195   | BBC World Service | UK         | 19-Apr | BCM  |
| 1915      | 7290f  | IRRS              | ITALY      | 30-Mar | JM   |
| 2005      | 7295g  | CRI               | CHINA      | 29-Mar | KAB  |
| 2038      | 9620e  | TRT               | TURKEY     | 3-Apr  | BDW  |
| 2110      | 11725g | RNZI              | NZ         | 15-Apr | Hina |
| 2113      | 11810f | BBCWS             | UK         | 15-Apr | Hina |

# SHORTWAVE REPORT

**Editor**

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**Tauranga**

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## CONGO

Radio Congo 6115kHz Brazaville, on air now, 1750-1815, 17-04, French, comments, male, female, news, "Le Congo", "Radio Congo". 24322. (Via HCDX Manuel Méndez Lugo, Spain)

## ESWATINI

Reception of Trans World Radio Africa in 31mb on April 17  
1630-1700 on 9500 MAN 100 kW / 013 deg to EaAf Oromo Wed/Thu, good  
1802-1832 on 9500 MAN 100 kW / 013 deg to EaAf English Mon-Fri, good.  
(Via swldxbulgaria.blogspot.com/2019/04)

## JAPAN

NHK World - Radio Japan Tokyo - March 31, 2019 - October 27, 2019.A-19 summer season file, English language Shortwave Services

0500-0530 EUR 5975mos-AUT  
0500-0530 AF/EaAF/SoAF 11970iss-FRA  
0500-0530 AF/EaAF/SoAF 9860smg-VAT  
1100-1130 SoEaAS 11695sng-SNG  
1400-1430 SoWeAS 9450tac-UZB  
1400-1430 SoEaAS 9625pal-PAL KHBN site

Via MRTV Myanmar Radio Yangon Yaegu, Myanmar.

1540-1600 Thurs and Fri

SoWeAS SW 5985 MW 576 Myanma Radio, Yangon Yaegu



## MALAYSIA

11665 kHz, Wai FM (via RTM Kajang). First noticed back as a tentative 6 April at 1357-1400\* UT with Malay pop & off mid-song, unheard the next 2 days, & back on 9 April 1306-1400+ UT with slightly distorted audio (sounds like bleed-through from another channel in the studio), RTM net news until 1315 UT, "Radio Malaysia-Sarawak, Wai FM" ID & big production jingle, W DJ with Malay romantic pop to BOH then 20 minutes of 'indigenous' almost a capella group song (finger bells & foot-thumping drums as background), ID/jingle just before TOH & into Wai-FM news. (Dan Sheedy-CA-USA, dxld April 18)

## MYANMAR

Myanmar Radio in English on April 25: 1530-1700 on 5985 YAN 025 kW / 176 deg to SEAs English, Fair. (Via swldxbulgaria.blogspot.com 27/042019)

## USA

RFA Broadcast Frequency Schedules in A-19 season Effective March 31, 2019 through Oct 27, 2019 TIN = Tinian relay MRA, probably still under repair, wb.

Burmese

1230-1330 UT 7530TJK 11805TIN 13630UAE

1330-1430 UT 7530TJK 11805TIN

Cantonese

1400-1500 UT 13575SAI

Khmer

1230-1330 UT 9700TJK

Korean

1500-1700 UT 9850SAI 9990TJK 11985SAI

1700-1900 UT 9990SAI 11985SAI

2100-2200 UT 9540TJK 11945SAI

Lao

0000-0100 UT 9940KWT

Mandarin

0300-0400 UT 11570TJK 11895KWT 11985KWT 17690SAI

0400-0500 UT 11895KWT 13750KWT 17690SAI 21505TIN

0500-0600 UT 11895KWT 17690KWT 21690KWT

0600-0700 UT 11895KWT 13790SAI 17690KWT 17810TIN

1500-1600 UT 9940KWT 13810TJK 15475BIB

1600-1700 UT 7370TJK 11610TIN 13570KWT 13810TJK

1700-1800 UT 9355KWT 9965BIB

1800-1900 UT 9355KWT 9965BIB 11745KWT

1900-2000 UT 1098TAI 9355SAI 9720KWT

2000-2100 UT 1098TAI 6080TJK 9355SAI 9535KWT

2100-2200 UT 1098TAI 7435KWT 9685KWT

2300-2400 UT 9535KWT 9720KWT 15555SAI

Tibetan

0100-0200 UT 9370TJK 9390TJK 9510KWT 11705KWT 13765TJK

0200-0300 UT 9370TJK 11705KWT 11745KWT 13765TJK 11820KWT Mon Wed Fri

11895KWT Tue Thur 11925KWT Sat Sun

0600-0700 UT 15720TJK 17670BIB 21690UAE

17635KWT Mon Wed Fri 17750KWT Tue Thu Sat Sun 1000-1100 UT 13800KWT

15330LAM

21475TIN Sun 21465TIN Mon 21455TIN Tue 21565TIN Thur 21540TIN Fri 21505TIN

Sat

1100-1200 UT 13835TJK 15265BIB 15470TJK 17640LAM

1200-1300 UT 11540KWT 13835TJK 15470TJK 17690TJK 17720LAM

1300-1400 UT 11540KWT 13835TJK 15275TJK 15470TJK 17860LAM

1500-1600 UT 9355TJK 12110LAM

13720TIN Sun Tue Thu Sat 13790TIN Mon Wed Fri 2200-2300 UT 7505TJK 9370KWT

7460KWT Mon 7470KWT Tue 7520KWT Wed 9655KWT Thu 7465KWT Fri

9920KWT Sat 7520KWT Sun 2300-2400 UT 5965KWT 9555UAE 9875TJK

Uyghur

0100-0200 UT 9350TJK 9445BIB 9780KWT 11640KWT 11790KWT

1600-1700 UT 9355TJK 9480KWT 11675BIB 15700LAM

(via Rich D'Angelo-USANASWA iog via dxld March 27; transformed via wwdxc by wb on April 2)

### UZBEKISTAN

Bible Voice Broadcasting via RED FMO, RRTM Telecom Tashkent Uzbekistan bcst center on April 20 1200-1230 9370 TAC 100 kW 163 deg to SoAS Urdu Sat, weak signal.

(Ivo Ivanov-BUL, via dxld April 20 via wwdxc BC-DX TopNews)

### STATION NEWS

Managing SW Broadcasts From Ascension Island. ENGLISH BAY, Ascension Island — A six-mile stretch of volcanic rock in the middle of the South Atlantic Ocean is home to the BBC's Atlantic Relay Station. Now managed and operated by Encompass Digital Media on behalf of the BBC World Service, the stations' six powerful shortwave transmitters on Ascension Island beam program in a dozen or more languages to some 30 million listeners in north, west and central Africa. It's a remarkable and fascinating diversion for a digital media business better known for providing video streaming, TV playout and OTT services — but it's not only the shortwave transmission site on Ascension that Encompass is responsible for. The company's engineers also run the island's power station (consisting of five diesel generators and five wind turbines) as well as a reverse osmosis desalination plant, supplying electricity and drinking water to the island's population of more than 800 people.

**A BRIEF HISTORY** Originally garrisoned by the British Navy in the early 19th century, Ascension Island, a British overseas territory, proved to be a useful stopping off point for ships crossing the Atlantic due to its location almost half-way between Africa and South America. It remains a strategic communications and logistics hub for both the United Kingdom and United States.

The United States built an airbase on the island during World War II and later expanded the runway to allow for larger aircraft — it even served as an emergency runway for NASA's Space Shuttle, although thankfully it was never used.

The British Royal Air Force also has a military base on the island, sharing the same runway. It was a key base during the Falkland Islands conflict in 1982.

The European Space Agency maintains a monitoring base there along with a small monitoring site for NASA and the United States Department of Energy. In the mid-1960s, the BBC built a relay station at English Bay on the northern tip of the island to transmit shortwave radio broadcasts to Africa and South America, plus a power station to provide the electricity. **A LIFELINE FOR AFRICA** For more than 50 years, the Atlantic Relay Station has transmitted critical radio broadcasts to millions of listeners in some of the remotest parts of Africa. The daily broadcasts include transmissions in English, French, Arabic, Hausa, Somali, Swahili and several other African languages, and more recently has added transmissions for other international broadcasters as well as the BBC.

The shortwave transmitters include two 250 kW Marconi BD272 transmitters originally installed in 1966 (and still in daily use) and four 250 kW RIZ K01 transmitters, which are also

capable of transmitting in Digital Radio Mondiale mode. Each transmitter can be switched to one of more than 20 antennas, which consist of HF curtain arrays beaming toward target areas in Africa and South America. Programming from London is delivered via satellite, with resilience and backup feeds provided by Encompass. The power station is staffed around the clock with engineers taking remote control of the transmitter site outside of peak broadcast times.

**TRANSMISSION.** Ascension typically transmits around 1,800 hours of program each month on shortwave for the BBC and other broadcasters. Most of these are beamed into Africa, but with the massive footprint of a shortwave transmission, some frequencies are also audible across much of Europe and the Middle East. Although the BBC closed its shortwave service for North and Latin America some years ago, the ability to transmit westward still exists.

There are currently no regular scheduled DRM broadcasts from Ascension Island but it has recently transmitted several digital test transmissions to South Africa and Brazil, proving that DRM on the shortwave bands (DRM30) can reach vast international audiences and deliver high-quality audio as well as data services.

The station's engineers also maintain the island's FM transmitters on Green Mountain (an extinct volcano), which broadcasts BBC World Service and the British Forces radio service (BFBS) to the local audience of servicemen and women, civilian contractors and their families.

**OPERATING CHALLENGES.** Atmospheric conditions, seasonal variations, sunspots and a host of other factors determine the propagation of shortwave transmissions and therefore affect the audibility of the signal in the target area. Encompass' specialist team of frequency managers plan all of the BBC's transmissions and work closely with other international broadcasters to choose the optimum frequencies at various times of the day. But in the case of Ascension, that's the least of the problems of operating a high-power transmitter site on a large volcanic rock in the middle of the ocean.

Getting supplies, spares, and, of course, staff on and off this remote island, nearly 2,000 miles off the west coast of Africa, is an enormous logistical challenge. Advance planning is essential; everything has a lead-time of several weeks if not months. When the transmitter station needs a spare part, you can't just drive to the local store or order online. A supply ship from the U.K. calls at Georgetown several times a year, but the islands' only "convenience store" usually sells out of fresh fruit and vegetables within the first week of a new delivery. Until a little over a year ago, reaching Ascension Island was relatively straight forward; an RAF plane bound for the Falkland Islands used to touch down on the island twice a week to refuel. However, there is currently a major project being undertaken to repair and resurface the runway and until this is completed, regular access is limited to much smaller military planes. There is one commercial flight a month from Ascension's nearest neighbor, Saint Helena (more than 800 miles, or a two-hour flight away) that links with Johannesburg, but these few military and commercial routes are the only opportunities to get people and goods to and from the island.

Without all of the vital resources and services provided by Encompass engineers, the daily shortwave broadcasts simply wouldn't happen, let alone the 24/7 power and water supply to the island's population. The 800 or so people living on the island are in a unique position, and they have to work together in order to survive. The shortwave transmitter station is as important today as ever, broadcasting to one of the BBC's largest audiences in the world — all from a rock in the middle of the South Atlantic. BY NEALE BATEMAN The author works at Encompass Digital Media, managing the transmission and distribution services for BBC World Service. (Via TheSWListening Post)

#### **AUSTRALIA**

**UNIQUE RADIO.** New time slot for ARDXC "World at your fingertips" Friday after Easter we are on at a new time 1000UTC 5045 LSB. Cheers Johnno and yep we still QSL (Via John Wright)

# BROADCAST NEWS

Editor

Bryan Clark

Mangawhai

email

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## LATINS GALORE, MIKE'S RESPONSE FROM PARAGUAY!

**ALASKA** KINY Juneau on **800** now uses the slogan 'Hometown Radio 800'. (FCC via NRC's DX News magazine)

**ARGENTINA** Radio Interactiva (AM 1290 kHz) has programming dedicated to promoting tango music. The station started its broadcasts on 3 March 3, 1995, initially on the frequency of 1570 KHz, until it moved to its current 1290 KHz. Its main studios and transmitting plant are located on Mariquita Sánchez de Thompson 1850, in Ciudad Madero, Partido de La Matanza, Provincia de Buenos Aires. the Calle Ladybug Sánchez of Thompson 1850 of the town of ciudad madero, the match of the massacre, province of Buenos Aires. E-mail: radiointeractiva1290@hotmail.com Website: <www.radiointeractiva1290.com>. The station uses a 3-Thread Vertical Monopole Antenna, and a 1 KW transmitter. (Argentina en AM y FM Facebook page)



A new AM station has been reported on **1260** KHz, identifying as "AM 1260, SOMOS PARTE DE TU VIDA", an evangelical religious station which is part of the Cadena JCB network. Initially the new station announced that it was going to transmit on 1290 KHz, however it was located in 1260 KHz to avoid interference with other stations in the Greater Buenos Aires area. Its central studios are located at Calle El Mirasol 2921 del Barrio San José at Temperley, Provincia de Buenos Aires. E-mail: info@1260am.com.ar and website: <www.1260am.com.ar>. Currently the station is broadcasting part of the daily programming of Radio JCB (FM 94.5 Mhz). (Argentina en AM y FM Facebook page)

Radio General Conesa (AM **1420** KHz) is the new name of the station formerly known with the name of "Radio Genesis 2000", that transmits from the town of General Conesa, Partido de Tordillo, Provincia de Buenos Aires. The station has changed the location of its central studios, which are now located on Calle Bartolomé Mitre 108. Website: <www.am1420.com.ar>. The new director is Mr Aldo Rufino Aizpitarte. (Argentina en AM y FM Facebook page) LR9 R Perfil AM **1190**, ex Radio América came on air during Autumn 2019. (GRA via Arctic Radio Club's MV-Eko magazine issue 59-17)

### CANADA

940 CFNV Montréal QC new format is French language News/Talk/Oldies, replacing English News/Talk. (Steve Kennedy via NRC DX News)

**COLOMBIA** HJGH Tropicana on **1120** ex 24 Horas Radio, Bucaramanga. (Rafael Rodríguez via Mauno Ritola via Arctic Radio Club's MV-Eko magazine issue 59-17)

**CUBA** New Cuban MW list Radiocubana (broadcast license regulator) updated their broadcasters lists by province on January 25, 2019. If you are a MW-dxer and receive Cuba quite regularly, you might want to print out the pages on the following link: <http://www.radiocubana.cu/faqs-preguntas-mas-frecuentes/70-servicios-web/24610-emisoras-y-susfrecuencias-de-transmision-agrupadas-por-provincias-am> Keep in mind the list of assignments shows only the station name and frequency (no city/town references or transmitter power). (Jim Thomas, WTFDA Forum 19.2.2019 via DXLD via Arctic Radio Club)

**GUAM** KUAM **630** kHz AM was heard on the Arctic SDR on 3 November 2018 at 1310-1314Z. The distance for their 10,000-watt signal was 9484 kms. They were broadcasting comedy, ads, promo for their FM, plus Election night promo with KUAM ID. Competition on channel was tough and came from KIAM Nenana, Alaska plus 4QN Townsville (ABC North Queensland). Also, several Asians. Messenger confirmation which was tried after nothing on email was short but to the point. The response says it was a nice recording of themselves! Station is branded as Isla 63 and is broadcasting from the village of Dededo, in the United States territory of Guam. The station's format is Chamorro music and Talk radio. The station is owned by Pacific Telestations LLC (a company of the local conglomerate Calvo Enterprises, Inc.) and was Guam's first radio station, having signed on the air on March 3, 1954. In addition to AM and FM they have a TV station. On AM they were earlier on 610 (until 1978) and 612 (until 2007) kHz. (via Arctic Radio Club's MV-Eko magazine issue 59-17)



KUSG Agaña on **1350** has been granted an extension to its Special Temporary Authority using reduced power of 90 watts day and night, U1. (NRC)

**IRELAND** Upgrade works will ensure that the transmission of Raidió Teilifís Éireann longwave transmitter on **252** continues for the Irish diaspora, a Fine Gael TD has said. Chair of the Oireachtas Communications Committee, Hildegarde Naughton, welcomed RTE's decision to undertake significant remedial works on transmission equipment which will guarantee the continuance of the longwave service for a minimum of two years. Deputy Naughton said: "The maintenance of long wave radio for the Irish diaspora is a significant concern to the Committee. "The UK regulator, Ofcom, will not grant RTE, as a non-UK broadcaster, the necessary licence to broadcast on digital in the UK at this time. "After engagement between the Committee and RTE, I received a letter from the Director General of the national broadcaster committing to maintain service into the future. "The antenna upgrade requires bespoke manufacturing from a specialist supplier based in Canada and delivery of this element is expected by mid-September. "The relevant mast at Summerhill is 248 metres in height and is a high-risk work environment. "I am told that the weather, and more particularly wind speeds, will be the main determining factor on the commencement and the duration of the works. "Unfortunately, once this remedial work commences, the

long wave service will have to be temporarily suspended. "I understand that it will be out of commission for approximately ten weeks, but RTE has said it will endeavour to complete the works as quickly as possible. "I welcome the efforts being made to continue this service, which serves as an invaluable link between the diaspora and home. However I intend to work with the committee to explore other longer term alternative solutions to ensure this service continues," Deputy Naughton concluded.  
(The SWLing Post 25/4 via Paul Rawdon DX Dialog)

**JAPAN** According to March 27 edition of Sankei Shimbun and April 4 edition of Tokyo Shimbun, Japan Commercial Broadcasting Association (JBA) required the following main items at the meeting of experts in Ministry of Internal Affairs and Communications (MIT) held on March 27.

- 1) System modification before 2028 to enable AM broadcasters to convert FM by their own judgment,
- 2) Permission before 2023 to enable AM broadcasters to stop AM broadcasting experimentally for a long period.

It is said MIT fears China will occupy and dominate the vacant AM(MW) band.

The president of NHK, Ryoichi Ueda, said at the press conference on April 4, NHK will continue to broadcast on AM, because, by the Japanese broadcasting law, NHK is under the obligation to completely cover the whole territory of Japan. According to JBA, there are 207 members in April 2018. Among them are 15 MW, 1 SW, 32 AM+TV broadcasters. (Takahito Akabayashi via wwdxc BC-DX TopNews April 6)

**MEXICO** Looks like the other shoe finally dropped at XEPRS-1090. After many months of "The Mighty 10-90" failing to make their exorbitant lease payments (reportedly about \$100K/month, for a station which was 24th in the ratings last I heard) to the owners of XEPRS-1090, the owners appear to have found a new lessee. Starting at about 11:40am today, 10 April, XEPRS suddenly began simulcasting KJAV-104.9 "Ultra 104.9 FM" from McAllen TX, complete with Rio Grande Valley ("RGV") weather and local ads. The format is a bizarre mix of US and Mexican urban contemporary with US classic rock and 90s junk. Announcers, ads and announcements flip back and forth between English and Spanish. Local (Spanish language) announcer was welcoming listeners from San Diego listening on AM 1090. Pre-recorded announcements throughout the hour (English and Spanish) mention 840 AM, so they must still be simulcasting KVJY Pharr TX, but the legal ID at top-of-hour mentions only KJAV 104.9 McAllen. Around the bottom of the hour they cut away for XEPRS-1090's ID (in Spanish) along with the obligatory Mexican government PSAs and political ads (badly translated into English by the same guy who seems to have been doing it for about 30 years now). Ironically one of the political ads is for Jaime Bonilla, the sleazy politician who owns XEPE-1700, XHPRS-105.7 (but not XEPRS-1090), who cut the same lessee off those two stations for the same reason several months ago... the same guy who fraudulently "cloned" and moved 3 Ensenada and Tecate stations (including XEKTT/ XEPE 1600/550/560/ 1700!) 15 years ago. Because of what had happened at XHPRS/XEPE a few months ago, staffers at XEPRS have known for months that today's event was a distinct possibility but did not have any advance warning that the lease was being cancelled today. (Tim Hall, Chula Vista CA, April 10, DX LISTENING DIGEST)

Listening to KJAV 104.9 McAllen Texas at 3pm local time, a man in Spanish wished "bienvenidos" to our listeners in San Diego. XEPRS is still 50kW? They get out over the West Coast at night. Daytimes should be very strong San Diego and Orange Counties. KJAV plays mostly 80s and 90s music. (Steven Wiseblood TX 4/11 via DX Listening Digest IO Group)

**PANAMA** HOR46 La Exitosa, Panamá is on 1270 ex-930, seems to be using this frequency

now, possibly ex-Tipy Q facilities. Tipy Q is now on FM. (Mauno Ritola, via Arctic Radio Club)

## PERU

- 1120 OAM2F R Paz, Chota (CJ61) – W: <http://radiopaz1120.com> \* 30 de Agosto 201, Chota (Henrik Klemetz)
- 1130 OAX2V R Onda Popular, Cajamarca (CJ21) – ex. R los Andes. \* Av. Miguel Carducci 101 Br Saman Cruz, 06002 Cajamarca W: [radioondapopular.com](http://radioondapopular.com) E: [servicios@radioondapopular.com](mailto:servicios@radioondapopular.com). Relay of RPP (Mauno Ritola and web)
- 1430 OAZ7M R Programas Peru, Cuzco (CU39) – RPP 24/7 (Carlos Gamarra via Henrik Klemetz)
- 1600 OBM7A Antena 5, Wanchaq (CU86) – ex. R OBM7A. \* Av. Diagonal Ramón Zabaleta 117-5 piso. Wanchaq, 08000 Cusco. W: [antena5cusco.com](http://antena5cusco.com) E: [rantena5@hotmail.com](mailto:rantena5@hotmail.com). (Tent logged by Arne Nilsson. Information research by Henrik Klemetz via Arctic Radio Club's MV-Eko magazine issue 59-17)

## PUERTO RICO (Updates from NRC DX News)

- 580 WKAQ San Juan has been granted STA extension, U1 10000/4500.
- 940 WIPR San Juan granted STA extension, U1 2500/2500.
- 1350 WEGA Vega Baja granted STA extension, U1 625/625.
- 1430 WNEL Caguas applies to extend STA, U1 2300/2300, partly collapsed tower.

**SAMOA** Good reception of 2AP on **540** at night from Tokelau (505km north of Samoa. Ed). 2AP's mast is getting some serious maintenance with a new earth mat and after that a tower as well. (Adrian Sainsbury, just back from Samoa and Tokelau)

**UNITED ARAB EMIRATES** One more Malayalam radio station catering to expatriates from the South Indian State of Kerala has shut down its operations in the UAE. Asianet Radio **657** AM became the fourth Malayalam radio station to close down in the past three years, executives of the radio industry told Gulf News. An estimated one million Keralites constitute the largest expatriate community in the UAE. The 18-year-old Asianet Radio stopped broadcasting on February 9 without making any announcements on its closure. A senior executive of the station did not respond to a request for comment.



As Gulf News reported on January 31, two Malayalam radio stations were closed down during the past year. Dubai-based Radio Mango 96.2 FM, launched in August 2014, stopped broadcasting regular programmes in mid-January 2019. Voice of Kerala 1152 AM based in Ras Al Khaimah was closed down in early 2018. In 2016, Umm Al Quwain-based RadioMe 100.3 FM had been shut down.

Malayalam radio professionals in the UAE said drop in advertisement revenue has posed a challenge to the sector. K.K. Moideen Koya, the founding programme director of Asianet Radio, said its closure is a huge loss to the Keralite community in the UAE. "Since the station was launched in early 2000, it made a huge impact on the community," said Koya who was

the director until 2002. "When Asianet Radio was launched, only two Malayalam stations were there. Later when the number of stations jumped to ten [until three years ago] and no new advertisers emerged, the existing advertisement revenue had to be shared by all, leaving a small share to each one," said Koya who is currently media relations director at UAE Exchange.

A high licence fee has also affected the financial viability of radio stations, he said. "The fee [to use frequency] has been increasing every year," Koya said. Echoing the same opinion, head of a prominent Malayalam radio, said: "As an AM [amplitude modulation that has higher reach than FM - frequency modulation] station, we are paying up to Dh4million licence fee per annum, which is not affordable in the current market conditions," said K. Chandrasenan, managing director of Abu Dhabi-based Pravasi Bharathi 810 AM.

On air: Radio Asia 1269 AM (moving to new frequency of 1476 AM soon), Pravasi Bharathi 810 AM, plus 4 FM stations.

Closed stations: Voice of Kerala 1152 AM, Asianet Radio 657 AM, plus 2 FM stations. (Gulf News 26/2 via K.P.Muneer via Jose Jacob, WRTVH Facebook Page)

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

- 630 KIDD Monterey CA adds // K294CA-106.7. (FCC)
- 860 KTRB San Francisco CA granted STA extension, U1 50kw days, 5kw nights from licensed day site.
- 870 KRLA Glendale CA granted STA for U3 3kw/3kw or U1 12.5kw/3kw, due damage by copper thieves.
- 930 WKY Oklahoma City OK granted STA for U1 1kw days, 510 watts nights due wind damage to tower.
- 950 KFSA Fort Smith AR now using slogan 'Hog Country'. (FCC)
- 950 WTLN Orlando FL seeks STA extension, U2 12000/10000, Cuban QRM.
- 1080 WKAT Coral Gables FL granted STA, U4 17kw day & night due transmitter problems (and continued higher night power due to Cuban QRM).
- 1130 KSDO San Diego CA granted STA extension, U1 2500/2500, wire at 32-43-51/117-04-59.
- 1190 WPSP Royal Palm Beach FL granted STA extension, U4 410 watts nights due Cuban QRM.
- 1200 WAXA Pine Island Center FL granted STA extension, U2 10000/2200 or U3 2200/2200.
- 1210 KGYN Guyton OK adds // K292HJ-106.3. (FCC)
- 1230 WMAF Madison FL silent Mar. 26 pending transmitter and ATU replacement.
- 1240 KDSK Los Ranchos de Albuquerque NM granted STA, U1 1kw day & night with 121' longwire at 35-10-09/106-29-59; has lost licensed transmitter site.
- 1350 KPWK San Bernardino CA slogan now "Fox Sports IE 1350." (John Wilkins)
- 1350 KCOR San Antonio TX had call change to KXTN on 5 April.
- 1420 KSTN Stockton CA granted STA extension, U1 1250/250.
- 1420 KOTK Omaha NE changed call to KOBM on 1 April, format now AC/OLD ex Talk, new slogan "Boomer Good Times Great Oldies". (Carl Mann)
- 1420 WHK Cleveland OH adds // W273DG-102.5. (FCC)
- 1420 KUJ Walla Walla WA adds // K254DK-98.7. (FCC)
- 1450 KBKW Aberdeen WA is on the air at 46-56-55/123-49-12.
- 1460 KCNR Shasta CA adds //K243CT-96.5. (FCC)
- 1470 KYYW Abilene TX slogan changed to "News Talk."
- 1470 KLCL Lake Charles LA granted STA, U1 with 500 watts nights due ongoing transmitter problems.
- 1480 KNTB Lakewood WA applies to extend STA, U1 250/65, 85' LW at 47-09-52/122-30-



19.

- 1480 KBXD Dallas TX is now brokered Ethnic, ex brokered religion.
- 1490 KOBM Omaha NE had call change to KIBM on 1 April (see 1420).
- 1490 KZEE Santa Clara UT is a new station now fully licensed and on the air, U1 1000/1000 at 37-06-42/113-30-43.

The **National Radio Club's AM Log** 39th edition has sold out! Wayne Heinen and the AM Radio Log team will now turn to preparing the 40th Edition of this vital AM DXing resource. The 40th Edition will ship around 1 September. (NRC)

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

- 1140 New station at Aberdeen WA. Construction Permit granted 5kw non-directional days and 2.5kw directional West at night. (Jon Pearkings)
- 1170 KCBQ San Diego CA slogan is now "The Answer San Diego FM 96.1 and AM1170".
- 1210 KPRZ San Marcos CA new slogan "K-Praise FM 106.1 and AM 1210".
- 1490 WKYW Frankfort KY new slogan: "Passport Radio 93.5-103.7".
- 1590 KLIV San Jose CA. This past January, after more than 70 years on San Jose's airwaves, radio station KLIV shut down operations. Independent to the very end, the station had never been owned by a major radio conglomerate like ClearChannel or IHeartRadio. Soon, it may be owned by a different kind of entity entirely. On Friday, KLIV's 97-year-old station owner Bob Kieve sat down with members of San Jose City Council to discuss a novel plan. After owning the station for more than half a century, Kieve wants to donate KLIV to the city. If all goes according to plan, the format would be a mix of music and direct communication from the city to the people. (Dennis Gibson)

**US VIRGIN ISLANDS** WUVI Charlotte Amalie 1090 has been granted an STA extension with reduced power, D1, 225 watts, (NRC)

**ESPN SPORTS NETWORK** Barry Davies, reporting to Real DX, advises that ESPN take a break at :15 or :17 minutes which ends after 4 minutes with a station ID. Not so predictable if they are covering a live game.

**QSLs** Arctic Radio Club members are prolific QSL chasers and every issue of their MV-Eko club magazine is full of QSL listings. Here are some items from a recent issue:

- 990 R. Fiji Gold FM 990 e-post, v/s Dion Cavu, Presenter/Producer. (Tore Nilsen)
- 1140 CHR B High River, AB 1140 e-post, v/s Laverne Siemens, VP Engineering (Tore Nilsen)
- 1161 Te Upoko o Te Ika, Wellington e-post, v/s Adrian Tangaroa Wagner, Manager (Tore Nilsen)
- 1494 Star Hamilton, NZ email v/s Dudley Scantlebury. (Tore Nilsen)
- 1530 KFBK Sacramento CA 1530 e-post v/s Mike Hagerty, News Director. (Göte Lindström)
- 1540 KMPC Los Angeles CA verie signer Michael J. Kim (Lars Skoglund)
- 1570 KUAU Haiku HI verified via Facebook. (Göte Lindström)
- 1611 DWNX Naga City verified by e-post v/s Rolly. (Göte Lindström)
- 1620 KYIZ Seattle WA verified by e-post from Frank P. Barrow (Jussi Suokas)
- 1629 4DB Hot Country QLD 1629 e-post v/s Shirley Way, Journalist. (Göte Lindström)
- 1638 2ME Radio Arabic 1638 e-post v/s Sid Mehri. (Göte Lindström)
- 1640 KDZR Lake Oswego OR 1640 e-post v/s Segar Kannan, GSM. (Göte Lindström)
- 1640 WSJP Sussex WI e-post v/s Bob Benes (Torjeir Nyen)
- 1650 KCNZ Cedar Falls IA e-post v/s Mary Williams, Station Manager (Torjeir Nyen)

- 1650 KBJD Denver, CO e-post, v/s Brian Taylor, GM. (Tore Nilsen)  
 1660 KBRE Merced CA e-post v/s Jason LaChance, Operations Manager (Torgeir Nyen)  
 1690 WPTX Lexington Park, MD 1690 e-post, v/s 'Heather' for Roy Robertson, GM. (Tore Nilsen)  
 1700 KBGG Des Moines IA e-post v/s Tigran Grant, CE (Torgeir Nyen)  
 1700 KKLK Richardson TX verified via Facebook. (Jorma Mäntylä)

### X-BAND REPORT

- 1610 CHRN Montreal QC slogan is "Radio Humsafar," "I Love My India." (Steve Kennedy NRC)  
 1620 WDHP Frederiksted, VI was silent, now talk, slogan "1620 The Reef" (IRCA)  
 1630 WRDW Augusta GA went silent 28 March due loss of transmitter site. (NRC)  
 1690 WIGT Charlotte Amalie VI granted STA extension with reduced power (uses U1 100/100). (NRC)

### KINGS OF THE KILOCYCLES

**MIKE SMITH** Opunake was thrilled to get a response from Radio Nacional Paraguay via Facebook Messenger. A brief, "Buen Dia!! Gracias por escucharnos!!!" Translates as "Good day. Thanks for listening". "I've responded with a request for an email address so I can send detail. Will share if it happens. Also got a good ID from R. Nacional Tucuman on 1190 last night, noted ZP1 signal was audible at the same time.(0630). Heading back to Palmerston North for my final week of radiation and chemo – am told I'm doing well with the treatment. But I do miss the shack when I'm down there! Specially this time of the year. Hopefully the continued interaction with ZP1 will result in that magic confirmation. "Thanks for listening" is a bit short of a QSL." In a later note, Mike writes about some mystery signals: "On reviewing a recording of 1570 taken a few weeks ago I have a part ID, sounds like PP saying "Bom Dia – Radio Cristo (or Cristal) de la..." Also heard something mixed up with ABC 1512 tonight which sounded like Arabic but was too weak to be definite, also getting a bit late for that". I'll send a report to LRA15 1190, heard with some good IDs on the half hour last weekend. *[Many thanks Mike – all the best for a good outcome – I think DX will be great therapy! BC]*

**BARRY HARTLEY** Mairangi Bay sends along some late-night trail items

**STEVEN GREENYER** Timaru spent a great 4 nights at Hinahina, Owaka with Stu Forsyth, Arthur de Maine and Sutton Burtenshaw. 2 EWEs and a longwire were aimed at South America but "unfortunately conditions were appalling and we heard nothing. Missed the two nights after I came home, but had a couple of great nights on 22 and 23 April. With Uruguay, Argentina and Brazil stations heard last month still coming in although not quite as good as previous although 940 Brazil was at outstanding strength on the 22nd. Finally identified the 1110 Argie via webcast. Hopefully conditions continue." *[Thanks Steven – am sure Hina Hina will deliver better results next time! BC]*

**BRYAN CLARK**, Mangawhai contributes a trail with quite a few off-frequency Latin signals and numerous unidentified.

**STU FORSYTH**, Mangawhai has a verie in from OAR 105.4 1575.



## BROADCAST TRAIL

Thanks to all our contributors (\*\* indicates heard on the League SDRs in Russell)

- Hina** Stu Forsyth with WinRadio G33DDC,  
Sutton Burtenshaw with Palstar R30  
Steven Greenyer with Palstar R30a, all connected to 5 metre EWEs to East and Southeast at Hina Hina (on the Catlins Coast, South Otago).
- SG** Steven Greenyer Timaru with Palstar R30A and 15m ewe to south of SA.
- TK** Tony King, Greytown with Tecsun PL380 receiver, EWEs to SE/E/NE, 100m longwire to NE.
- MS** Mike Smith Opunake with National Panasonic DR31 and EWE at 150°.
- BH\*\*** Barry Hartley Auckland listening on the League's SDR at Russell.SG
- BCM** Bryan Clark Mangawhai using WinRadio G33DDC SDR and AOR7030+ with EWEs to NE, East & SE.
- SMF\*\*** Stu Forsyth Mangawhai connected to League SDR

- 171 1840 MOROCCO Medi Un, Nador fair w/AA anncts, middle eastern & western music, some deep fadeouts but steadier signal after 1900. FF annct at 1925, finally faded at 1932 23/4. BCM\*\*
- 640 0740 USA, KFI Los Angeles CA fair with Coast to Coast 15/4. Hina
- 750 0730 ARGENTINA LRA Cordoba, still hearing it but not as strong as last month. SG
- 770 0837 URUGUAY Radio Oriental. Vocals Fair signal SG
- 780 0818 ARGENTINA LRA Buenos Aires. Classical style Ballads. SG
- 780 0612 ARGENTINA R.Nacional programme // 1190 fair 19/4. MS
- 800a 0655 UNID LATIN on measured 799.866 monitored on 7/4, 10/4, 14/4, 20/4. Who can this be? Reception best when deep South Americans are heard. BCM
- 800 0712 CANADA CKLW Windsor ON w/Coast to Coast AM, all alone except for het whine from 799.866 15/4 BCM
- 800 0707 BONAIRE PJB good w/SS religious talk, idents for Radio Trans Mundial and website rtm360.org at 0715 25/4. Het from 799.866 BCM
- 840 0714 ARGENTINA Radio Bahia with modern vocals, FM ann "Bahia" SG
- 850 0827 URUGUAY Radio Carve. Good signal some nights SG
- 860 0802 UNID LATIN w/tango style music on 15/4. BCM
- 870 0755 ARGENTINA LRA vgd w/tangos, time pips on hour & news 15/4 BCM
- 870 0856 ARGENTINA Radio Nacional Buenos Aires ID by FM SG
- 870 0718 ARGENTINA, LRA1, R Nacional, Buenos Aires (Tentative) fair with piano music. 14/4 Hina
- 880 0727 PERU, R Unión (tentative) man talking with what sounded like a religious prog. 14/4 Hina
- 880 0552 PERU R.Union, weak SS talk in 882 splash. 20/4 MS
- 920 0522 PARAGUAY ZP1 fair in 918 splash with vocals, 19/4
- 940 0555 BRAZIL RBV clearest signal on the band at this time 23/4. SG
- 940 0755 BRAZIL Super Rede Boa Vontade, strongest latin often with sermons 05/4 MS
- 940 0738 USA KFIG fair with sports news on SE EWE. The only Yank heard. 14/4 Hina
- 1010 0610 PERU, R Cielo (tentative) fair but noisy with talk. 14/4 Hina
- 1010 0550 PERU R.Cielo presumed SS vocals, good signal in early 20. MS
- 1010 0620 PERU Possibly R. Cielo Lima, rel mx and talk M/F 15/4 TK
- 1020a 0920 UNID LATIN on measured 1020.102 w/deep fading pattern 8/4. Perhaps ZP14 which has been reported up here on MW Offsets. BCM
- 1040a 0916 UNID LATIN on measured 1040.484 w/SS talk & rhythms. deep fades 8/4.

BCM

1050 0820 URUGUAY Radio Nacional repeatedly announcing something like Radio Rual, Montevideo couldn't get webcast to check if it was a program name. SG

1110 0555 ARGENTINA Radio de la Ciudad consistent signal but no ID heard. Confirmed by parallel but slightly delayed webcast. SG

1140 0530 COLOMBIA HJKO Radio Esperanza w/ident 17/4. Up briefly, otherwise Chile mainly controlled frequency. BCM

1140 0538 CHILE Radio Nacional de Chile, Santiago on measured 1139.991 w/ 'musica mexicana' and frequent idents 17/4 BCM

1140 0549 CHILE R.Nacional female talk into accordion/vocals. 20/4 MS

1170 0552 USA KFAQ Tulsa OK Talk C2C? over KLOK hindi mx 22/4 TK

1170 1225 SOUTH KOREA HLSR lady speaking good 15/4. BH \*\*

1190 0530 ARGENTINA R. Nacional Tucuman, good signal, many IDs on half hour 19/4 MS

1190 0540 ARGENTINA Radio Nacional w/ talkback, mx tracks, ident 22/4. BCM

1210a 0547 USA UNID with sports talk fair on measured 1210.0055 21/4. BCM

1260 0614 UNID LATIN possibly Mexican thru Christchurch 21/4. BCM

1270a 0855 UNID LATIN on measured 1270.093 on 8/4, probably HCUM2 Radio Universal which I heard up here last year. BCM

1280 0807 BRAZIL Super Radio Tupi weaker of the signals from south SA SG

1280 0549 MEXICO XEGG Puebla w/ 'ABC Radio' ident at 0550 21/4. BCM

1280 0543 BRASIL R.Tupi, readable audio in 1278 splash 24/4 MS

1290a 0538 UNID LATIN on 1290.286 w/unusual lively folk music 20/4 putting bad het on 1290. Mark Connelly USA reporting to Coastal Roundtable, had Brazilian Radio Timbira on 1290.3 on 25/3. BCM

1300a 0536 UNID LATINS on 1299.689 & 1299.964 hetting 1300 pile-up 20/4. BCM

1323 1220 CHINA Which one? Fair to good 15/4. BH \*\*

1360 0649 PERU Radio Bienestar a standout signal 15/4 & 21/4 on high ide of freq – 1360.0075. BCM

1360 0734 PERU, R Bienestar fair with talk but noisy. 14/4 Hina

1370a 0851 UNID LATIN on measured 1370.068 on 8/4 putting het on 1370. Maybe Radio Mundial Bogota, previously reported on 1370.052. BCM

1386 1215 JAPAN NHK 2 Which one mixed over Tarana? lady & man language lessons Eng fair 15/4 BH \*\*

1400 0810 BRASIL R. Rio de Janeiro, relig talk // webstream, dominant over mix 05/4 MS

1400 0527 PERU, R Ecco (tentative) heard with pop music 14/4 Hina

1410a 0558 PERU Radio Corporacion Wayra regular on 1409.84 w/fast SS talk 11/4 hetting 1410. Regularly hrd. BCM

1420 0636 UNID USA w/Coast to Coast AM promo 15/4. Cant find a listing for any affiliate on 1420, so maybe Hawaiian sports station was carrying a commercial. BCM

1420 0920 HAWAII KKEA Honolulu with sports news fading up and down over 3XY 0920 16/4 BH \*\*

1420 0544 BRAZIL R. Guaruja , Florianapolis PP discussion/talkb. 10 & 16/4 TK

1422 1832 AUSTRALIA, 3XY R Hellas, Melbourne - fair with talk in Greek. 16/4 Hina

1460 0542 USA KION Salinas CA with C2C talkshow 19/4 TK

1467 1210 SOUTH KOREA HLKN lady & Man speaking 15/4 fair-good. BH \*\*

1470 0538 PERU R.Capital, Lima SS/EE lessons to 0600. Regular TK 18/4

1470 0535 PERU, R Capital fair at best, much better later, with talk. After 0600 it was in

English. 14/4 Hina

1470 0515 PERU Radio Capital earliest I have heard it at home. SG

1470 0508 PERU Vaughan Radio Lima w/conversational EE, fair 22/4.

1470 0647 PERU/UNID Latin on 1469.951 w/lively mx under/over Vaughan Radio which gave an EE/SS ident at 0657 21/4. Radio Victoria at Arequipa listed on MW Offsets database as 1469.949. BCM

1480 0635 USA KVNR Santa Ana CA CC/Viet mx and YL ann. 18/4 TK

1490a 0452 UNID LATIN on measured 1489.958 w/Gregorian chants 25/4. BCM

1500a 0650 PERU Radio Santa Rosa fair w/catholic talk 11/4 on 1499.763. BCM

1500a 0605 PERU Radio Santa Rosa likely due offset 1499.762, poor. 14/4 Hina

1510 0630 USA KGA Spokane WA Hip hop B2B 18/4 TK

1510a 0610 PERU Radio Tarma on measured 1509.9365 hetting 1510 stations. Confirmed via // web stream 25/4. BCM

1510 0510 ECUADOR Radio Naval, Guayaquil w/distinctive continuous time pips 25/4. BCM

1512 0548 UNID mixed with ABC, sounded AA but nearly 9 am in Saudi. 24/4 MS

1520 0706 USA KQRR Portland OR w/religious talk in RR 20/4. Also on 16/4 at 0800 w/ EE ident on the hour "KQRR Oregon City .... 15-20 AM". BCM

1530 0608 USA KFBK Sacramento CA w/bridging mx for Coast to Coast AM 21/4. Good on NE EWE but overwhelmed by NZ on East & SE EWEs. BCM

1540 0545 USA KMPC Los Angeles CA . KK rel. Daily. 13/4 TK

1540 0827 HAWAII KREA good with non-stop 80s pop tunes and id on the hour 16/4 Hina\*\*

1557 1200 CHINA or TAIWAN speech in Chinese mixed Hokonui 15/4. BH \*\*

1570a 0510 UNID LATIN on measured 1570.248 hetting 1570 22/4. BCM

1575 1833 AUSTRALIA, 2RF Wollongong, Good with BBC sports news. 16/4 Hina

1580 0550 USA KBLA Santa Monica CA SS talk exc. 21/4 TK

1580v 0647 UNID LATIN with very unstable carrier on 1580.221, drifted up to 15890.274 by 065113/4 BCM

1602 1200 AUSTRALIA ABC News 1200 who? 3 listed here 15/4 p/f. BH \*\*

1610 0558 CANADA CHHA Toronto ON Multiple lang. ID Exc. "the Voice of Your Community." 23/4 TK

1620 0632 US VIRGIN ISLAND WDHP on measured 1619.989 below bunch of Cubans w/non-stop contemporary vocals, occasional anncts w/ mention of FM frequency 18/4. BCM

1620 0906 AUSTRALIA 4KZ Taylors Beach weather forecast and then a country music track p/ fair 0906 18/4 // 5055 shortwave BH \*\*

1660 0703 USA KBRE Merced CA w/slogan 'The Bear' and FM frequency 105.7, strong on measured 1660.007 20/4 BCM

1660 0550 PUERTO RICO WGIT SS rel; 'hallelujahs' VG 16/4 TK

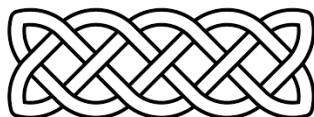
1670 0607 USA KHYP Moreno Valley CA SS rel sermon 22/4 TK

1674 0910 AUSTRALIA R Haanji, Melbourne good w/advts in Hindi 16/4. BH \*\*

1700 0610 USA KKLK Fort Worth TX SS music over XEPE talk 13/4 TK

1700 0700 MEXICO XEPE Tijuana w/Mexican anthem, then SS talk 20/4. BCM

1710a 0700 ARGENTINA AM Selva carrier regularly hrd on 1709.83 on good South America night 20/4, but audio not as frequent as last season BCM



# TV/FM NEWS & DX

Editor

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Palmerston North

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## FM News from Gordon Mathieson

WAIHI now has only one low power: 88.2 3ABN. Waihi Community Radio 106.8 has gone. THAMES / HAURAKI PLAINS now has The Hits on 106.0, its former low power frequency of 107.1 now has Coast.

WHITIANGA new station C95FM is on 95.1

CAMBRIDGE low powers: 88.1 Rush FM has shown up here, still not in Hamilton or Raglan as before. and 107.2 3ABN.



## MEDIAWORKS MEDIA ALERT

### GFK COMMERCIAL RADIO SURVEY RESULTS

S1/2019; 18 APRIL 2019

### MAGIC BRAND DEBUTS AS NZ'S THIRD BIGGEST STATION

- On debut, the Magic brand encompassing both Magic Talk and Magic Music has 416,700 listeners in the first GFK commercial survey results of the year, making it the third biggest station in the country with an 8.1% share. In Auckland, Magic increased its share by 0.4% to reach 5.6% and it was also the leading brand by share in Hawkes Bay, Nelson and Manawatu.

### MEDIAWORKS REMAINS HOME OF THE COMMERCIALLY IMPORTANT 25-54 AUDIENCE

- MediaWorks is the home of the commercially important 25-54 demographic with the top six music stations nationwide by share with The Rock, The Breeze, The Sound and More FM (third equal), The Edge and Mai FM.

### INTRODUCING THE ALL NEW ROVA

- MediaWorks is rolling out the next innovation phase of digital audio streaming platform rova, with a suite of new features including: 'Listen live' to stations, pop-up music channels and podcasts, the ability to 'favourite' a channel or podcast, a sleep timer and improved search functionality. The all new rova is available now via the App Store for iOS users and in coming weeks the Android version will come to Google Play. Rova continues its success gaining a further 57,000 downloads since November 2018, recording 442,000 total app

downloads to date. The number of unique monthly users has also increased to 121,000, an increase of 28,000 users per month.

#### OTHER HIGHLIGHTS

- Overall commercial radio listenership has increased by 21,700 with MediaWorks increasing its audience by 19,500 from 2018 reaching 2,378,500 listeners nationwide.
- The Breeze is New Zealand's most popular music station outright with 8.4% share nationwide.
- At Drive time, MediaWorks holds the top six music stations nationwide with The Breeze (8.3% share), followed by The Rock, More FM, The Edge, The Sound and Mai FM.
- More FM remains New Zealand's top music station at Breakfast time with a 9.2% share nationally.
- The Edge retains the highest cumulative audience with 608,500 listeners nationwide, more than 67,000 listeners ahead of its nearest competitor.

Of the results, Leon Wratt, MediaWorks Radio Group Content Director, says: "I'm thrilled with the results of the first GfK commercial survey of the year. To have Magic debut with an 8.1% share shows the two brands have successfully come together to deliver to its audience and provides a great base to build on going forward. MediaWorks brands have collectively increased listenership by 19,500 - in a mature market this result is testament to the work our teams are doing across the board."

(MediaWorks, 18 April 2019, [www.mediaworks.co.nz](http://www.mediaworks.co.nz))

#### **NZME - Commercial Radio Remains Strong**

NZME and partners have once again retained the number one position in the important Auckland market for 10+ share and two million New Zealanders are tuning in each week across the country, according to the first 2019 GfK independent commercial radio survey. Across the country, NZME has grown in both cume and share in the key 25-54 year old demographic.

NZME's iHeartRadio continues to connect Kiwi fans to their favourite music and radio personalities through thousands of live radio stations, millions of custom artist stations and podcasts. Registrations remain in growth mode, up 16%, to just over 863,000 registered users, with the podcast audience doubling year on year.

NZME's chief commercial officer, Matt Headland is thrilled to see NZME continue to punch above its weight in radio.

"Achieving growth across multiple stations, day parts, regions and demographics shows our teams are producing content that is hitting the mark. When you consider the reach of NZME's overall audience across print, radio and digital, NZME delivers for our clients time and time again."

Newstalk ZB had an outstanding result around the country, with its biggest audience since the GfK Commercial Radio Survey began, extending its lead as New Zealand's number-one commercial radio station.

"The Mike Hosking Breakfast continues to deliver exceptional, quality, in-depth news and interviews. Kerre McIvor's new Mornings show has picked up where Leighton Smith left off – number one nationally, a brilliant result that highlights Kerre's qualities as a world-class broadcaster," says Shayne Currie, Managing Editor for NZME.

Currie paid tribute to Newstalk ZB's sensitive and respectful coverage of the Christchurch mosque shootings and for leading the debate and discussion around the Government's now-scrapped capital gains tax proposal.

"The New Zealand media performed an important and critical role in the Christchurch tragedy, and aftermath, and Newstalk ZB epitomised this – not only for its accurate, up-to-date information and analysis, but as a trusted source for people to engage and discuss the impact on them personally.

"In a time of crisis, we have been proud of how all of our broadcasters rallied together around Christchurch to support the community and New Zealand."

Radio Sport has increased its audience and is looking forward to the huge year of sport with the Rugby World Cup, Netball World Cup and the Cricket World Cup, which Radio Sport has exclusive broadcast rights for.

Dean Buchanan, Head of Entertainment adds that this year will be a big one for talent joining NZME; Simon Barnett and Phil Gifford will reunite on Newstalk ZB, and NZME recently announced Mike Puru joining Stacey Morrison on The Hits Drive.

"The quality of the content our stations are producing and the extension of this online and through social media means we continue to attract strong talent like Simon, Phil and Mike. With the recent additions of Tracey Donaldson on Mix and the new Flava line up; we are in for a formidable 2019."

The Hits has seen steady growth with the new networked breakfast show, Laura Sam and Toni, while the local shows in Hawke's Bay, Christchurch and Dunedin continue to have strong connections with their communities; which is reflected in the numbers, Buchanan believes.

"It's fantastic to see both Coast and The Hits grow their listeners, as well as Radio Hauraki with a whopping 20,700 more people tuning in."

NZME is proud to have a talented team of broadcasters right across New Zealand. Today NZME launched their Find Your Voice campaign, bringing together 36 radio talent across NZME's stations – no mean feat to organise with different schedules and regions to consider. (NZME, 18 April 2019, [advertising.nzme.co.nz](http://advertising.nzme.co.nz))

The Radio Audience Measurement Commercial Survey Summary Reports can be found at: [www.gfk.com/en-nz/insights/report/radio-audience-measurement/](http://www.gfk.com/en-nz/insights/report/radio-audience-measurement/)





# UTILITIES

Editor

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Ashburton

email

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Well radio reception in the far south just before Easter was not that good but the company and the blue cod were great. This month we again welcome the Chief Editor to the Utility page. Thanks, Stu, for your contribution. At present I am packing up for a radio weekend at Camp Iona, near Oamaru and hopefully conditions will be better.

## FREQ UTC DETAILS OF TRANSMISSION

|       |      |   |
|-------|------|---|
| 5450  | 1833 | RAF VOLMET aero weather reports poor 17/4 AD  |
| 5505  | 0538 | SHANNON volmet aero weather fair 0540 "This is Shannon Volmet" 17/4 AD  |
| 6230  | 1835 | VMW Sea conditions Melbourne, 1849 male announcer "end of transmission from VMW" good 10/4 ABD**  |
| 8022  | 0810 | VKS 737 Adelaide Base calling mobile one fair 14/4 AD   |
| 8764  | 0943 | USCG male with sea conditions poor 5/04 ABD**   |
| 8764  | 0930 | USCG Transmission started which male announcing this was United Coast Guard followed by weather and sea conditions poor to fair 15/4 AD |
| 8806  | 0905 | XSG R. SHANGHAI (Tent) woman in what sounded like Chinese, off at 0907 fair 17/4 AD   |
| 8828  | 0947 | HONG KONG Volmet aviation weather 0949 male announcer "Hong Kong Volmet out" fair 4/04 ABD**  |
| 8828  | 1851 | NEW ZEALAND, Auckland Volmet vg with NZ wx condx. 14/4 SF   |
| 8867  | 0422 | NEW Zealand, Auckland ATC talking to ..... 15/4 SF  |
| 8867  | 0643 | JETSTAR 123 calling Nandi with position report good 17/4 AD   |
| 8867  | 0234 | KL JETSTAR 201 advised cnt /AKL 123.900 confirmed 21/4 RP   |
| 8867  | 0239 | AKL / Fiji 255 freq exc 8867 13261 sc, tones 21/4 RP  |
| 8867  | 0241 | AKL Fiji 460 climbs to fl 390 - 490 block / 21/4 RP   |
| 8867  | 0242 | Qantas 17 AKL fl 360 8867 6643 cent AKL 123 .700 21/4 RP  |
| 8867  | 0245 | AKL, / Fiji 255 adv airport twr/temp un maned 22/4 RP   |
| 8867  | 0015 | AKL / OONCP req top of decent, confirmed 22/4 RP  |
| 8867  | 0034 | AK / Velocity 543 ref rec vea data link 5643 22/4 RP  |
| 11387 | 1045 | Bangkok Volmet term forecast 21/4 RP  |

## CONTRIBUTORS

|              |                               |   |
|--------------|-------------------------------|---|
| <b>RP</b>    | Roger Pryde, Dunedin          | Icom R70, Yaesu FRG 7700, 20 mtr L wire WW2 |
| <b>ABD</b>   | Arthur De Maine, Ashburton    | Elad FDM-S2 SDR 30ft long wire.             |
| <b>ABD**</b> | Arthur De Maine, Ashburton    | Northland SDR                               |
| <b>AD</b>    | Arthur De Maine, Hina Hina    | Elad FDM-S2 SDR and a 3m NE EWE             |
| <b>SF</b>    | Stu Forsyth, Hina Hina, Owaka | WinRadio G33DDC and a 5m SE EWE             |



## Department of Defense to Transmit Interoperability Exercise Info via WWV/WWVH 03/29/2019

The US Department of Defense (DOD) plans to start making use of a provisional time slot on WWV and WWVH to announce upcoming HF military communication exercises and how the Amateur Radio community can become involved in them. The announcements will occur at 10 minutes past on WWV and at 50 minutes past on WWVH. WWV and WWVH transmit on 2.5, 5, 10, 15, and 20 MHz.

“DOD’s use of the broadcast time slot on WWV/WWVH will benefit the MARS program’s mission of outreach to the Amateur Radio community,” said US Army Military Auxiliary Radio System (MARS) Program Manager Paul English, WD8DBY. “The actual messages to be broadcast are coordinated by the DOD Headquarters that the MARS program supports.”

The initial announcements are set for the period April 20 – May 3, which coincides with the “Vital Connection” interoperability exercise to be held in Wisconsin. Future time slots will coincide with the Vital Connection exercise Ohio in June; DOD COMEX 19-3 in August, and the DOD COMEX 19-4 in October. Following the proof of concept this year, DOD anticipates making use of the WWV/WWVH broadcast time slot full time, year-round.

At the outset, broadcast messages will likely be static. For future exercises, announcements could be updated throughout an exercise. The messages will direct listeners to a specified website to provide reception reports and feedback.

The reception report will also ask the listener to submit a survey that will be shared among DOD, MARS, and WWV/WWVH personnel. English said that the survey will ask listeners questions about how often they listen to WWV/WWVH signals, how they use them, and what types of messages they would like to hear, but he notes that the survey is still under development.

“We want to provide feedback to WWV/WWVH to improve situational awareness of who is using their service and how it’s being used, as well as future considerations,” English said.

News from the ARRL. Source: <http://www.arrl.org/news/departement-of-defense-to-transmit-interoperability-exercise-info-via-www-wwvh> Arthur

# BRANCH NEWS

**Any information re Branch News - notice of upcoming events  
or reports of recent events, please email:  
nzrdx1chiefeditor@gmail.com**

## WELLINGTON BRANCH

The next Beach Babble will be on **Wednesday, 29th May**, 12.45pm  
Beach Babylon Cafe, Oriental Bay, Wellington

Join Dene and others to talk about what’s what in the world of DX.

## DUNEDIN BRANCH

Our next meeting will be held on **Saturday 18 May 2019** from 2-4pm at Ian Wells’ home, 16 Fenty Place, Mosgiel. At our last meeting we agreed to keep these semi-regular gatherings going, acknowledging that radio is becoming a much less important component of our discussions, which can be extremely wide-ranging and quite unstructured. Regular attendees and new members are always welcome.

Please contact Ian on 021 2987146 or iwellsnz@gmail.com if you can come.

(Continued from page 36)

-- Finally, we have posted five new “Wavescan” entries under “Specialized Resources.” They are: (1) “The Saipan Shortwave Station Under Christian Science” (Wavescan N526, March 24, 2019); (2) “The Large Double Shortwave Station at Meyerton Due to Close Today” (Wavescan N527, March 31, 2019); (3) “The Saipan Shortwave Station Under Radio Free Asia” (Wavescan N528, April 7, 2019); (4) “Anniversary of the Titanic Sinking-Wanamaker Radio Stations-1 [WHE, WOO]” (Wavescan N529, April 14, 2019); and (5) “Ancient DX Report: 1918-1” (Wavescan N529, April 14, 2019).

< [www.ontheshortwaves.com](http://www.ontheshortwaves.com) > Update, April 21, 2019 -- Sweden is probably the “mother country” of shortwave DXing. During the 1950s, and probably before and after, the number of DXers in Sweden always seemed to be much higher than the country’s overall population would warrant. And Swedish DXers were organized. There were many clubs, and many of them participated in various “special QSL” events where a club issued its own QSLs for specially dedicated broadcasts. (You can see many of these in “The CPRV Gallery,” “Scandinavian Club QSLs.”) This time we turn to Sweden under “Specialized Resources/Radio Postcards,” where we have posted a file of photos of Swedish radio installations. It is marked “New.” Thanks to ontheshortwaves supporter Lennart Weirell of Vasteras, Sweden who contributed several of these. The postcards are in this order: (1) the Grimeton station building, and (2) the Grimeton VLF antennas (both from Lennart); (3) the Hoerby mediumwave station (Lennart); (4) and (5) two more views of Hoerby, 1933 and 1953 respectively; (6) and (7) two views of the Motala longwave station (Lennart; the second is from 1944); (8), (9) and (10), three more views of the Motala facility, from 1932, 1937 and 1941; (11) another (undated) view of, I believe, Motala; and (12) a view of the station in Spanga.



The Motala (Sweden) Longwave station as mentioned above.  
*Source: [http://ontheshortwaves.com/Postcards/Swedish\\_postcards.pdf](http://ontheshortwaves.com/Postcards/Swedish_postcards.pdf)*



# *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 31, 2019 -- In 1925, the magazine Radio Broadcast opened an amateur station, 2GY, in Garden City (Long Island), New York. Under "DX History/QSLs & Other Station Memorabilia" we have posted a good-looking 2GY QSL plus a brief writeup about 2GY from the magazine.

< [www.ontheshortwaves.com](http://www.ontheshortwaves.com)> Update, April 7, 2019 -- Among South American countries, shortwave from Argentina was distinctive in several ways. Argentine stations boasted more power than most other stations, and they did not use the tropical bands. While this combination meant stronger signals, often it also meant QRM (as some of the posted recordings demonstrate). And occasionally a mediumwave or FM station would show up on another station's shortwave transmitter, or would be used as a seemingly-impromptu modulation source for an out-of-band utility transmitter, or for a special transmission. All these things added to the color of DXing Argentine shortwave. Under "DX History/Recordings" we have posted some recordings from years past [ID locations are in brackets]. Regular shortwave broadcasters. (1) Radio Belgrano, Buenos Aires., LRY1, 6089 kHz., 1976, 0015 [:07]. -- (2) Radio Splendid, B.A., LRS2, 5985, 1976, 0924 [:10, :58]. -- (3) Radio Maranatha/Radio Baluarte, Puerto Iguazu, 6215 kHz., 2002, 0001 & 2358 [:38, 1:44]. -- (4) Radio Nacional de Buenos Aires, LRA31, 6060 kHz., 1976, 0842 [:14]. -- (5) Radio Nacional de Mendoza, LRA34, 6180, 1977, 0904 [:13]. -- (6) Radio Argentina del Exterior, B.A., LRA35, 11710 kHz, 1977, English 2259 [1:02]. -- (7) Radio Argentina del Exterior, B.A., LRA35, 11710 kHz, 1976, Spanish 2132 [:30] -- Utility, "shared-frequency" or "special" transmissions. (8) Radio Rivadavia, B.A., LS5, 5882 kHz, 1978, 0009 [:16, :48, 2:08]. -- (9) Radio Continental, B.A., LS4, 9115, 1990, 2258 [:39, 1:33]. -- (10) Radio Del Plata, B.A., LS10 (via RAE), 11710 kHz, 1982, 0000 [:43]. -- (11) Radio Diez, B.A., LRL202, 15280L kHz., 2002, 2356 [:09, 1:21]. -- (12) "De Coleccion" (a special Sunday program beamed to the Antarctic), Radio Provincia de Buenos Aires, La Plata, LS11, 8098U kHz., 1997, 2335 [:13]. -- (13) "Mermelada Por la Pavada" (a program produced by kids at FM Opcion-100.7, Rosario, and broadcast over WRMI), 9955 kHz, 1997, 2200 [:40]. -- Argentine Antarctic. (14) Radio Nacional Arcangel San Gabriel, Base Esperanza, LRA36, 6029 kHz., 1979, 0029 UTC [:01]. -- (15) LRA36 again, 15476 kHz, 1981, 0050 [:10].

< [www.ontheshortwaves.com](http://www.ontheshortwaves.com)> Update, April 14, 2019 -- Under "DX History/Stations," we have posted a writeup on VU2ZW, a World War II AFRS mediumwave station in Agra, India, together with a program schedule from the station. -- SENTECH, in South Africa, closed down shortwave broadcast operations on March 30, 2019, and so it appears that we have lost another SWBC country. Thanks to our friend Colin Miller in Sarnia, Ontario, for sending us an article that he authored for the November 1995 issue of Monitoring Times. It is titled "Shortwave History of South Africa," and we have posted it in "DX History/Stations." (Continued on page 35)