

N.Z. RADIO  LEAGUE	<h1>New Zealand DX Times</h1> <p>Monthly Journal of the New Zealand Radio DX League (est 1948) June 2019 Volume 71 No. 9</p> <p>http://www.radiodx.com</p> 	N.Z. RADIO  LEAGUE
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Welcome to the June edition of the DX Times.

We are almost halfway through the year and the shortest day is just over three weeks away. It is hard to think where time has gone.

Just as this edition was going to press, we learned of the passing of former League Treasurer and Life Member **Phil Van De Paverd** in Rotorua on Monday, June 3rd. Phil was 93 years of age. There will be tributes to Phil in the July edition of the DX Times. Our thoughts are with his family at this very sad time.

It is also with sadness we note the passing of League Member **Dallas McKenzie** from the West Coast. I say from the West Coast; however, Dallas was President of the Wellington Branch of the League at one time and lived overseas in Perth and London. He was a regular contributor to the Utilities column. Tributes to Dallas are to be found in the Musings column.

Last month we featured an article on the DXpedition to Hinahina, which DXwise was a bit of a damp squib. However, Paul Ormandy and company had more success at **Camp Iona**. A report on this outing appears later in the magazine.



DXers hard at work: Paul Ormandy (left) Ian Wells (centre) and Phil Garden (right)
Photo: Arthur DeMaine

Deadline for next issue is Wed 26th June 2019. P.O. Box 178, Mangawhai 0540

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

July **Wednesday, 26th June**

August **Wednesday, 31st July**

September **Wednesday, 28th August**

**You can send your contributions to the
NZ Radio DX League at
PO Box 178
Mangawhai 0540**

**or use the email or postal addresses
given by the section sub-editors.**



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Tune in with the DX League's SDR:

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

More items of news

Life Member **Ray Crawford** sent in an item from spaceweather.com on Geomagnetic storms which were due to hit mid-May. Auroras were seen all over Canada and as far south as Ohio. This makes for very unusual and interesting reception conditions. There was a great photo of an aurora taken in Clyde Ohio - don't get excited Steven Greenyer! The good news is the sun is active, so hopefully things may begin to improve.

I have also had an e-mail from **Chrissy Brand** of the **British DX Club** and the **EDXC** with information about the **2019 European DX Conference**. This can be found here: <https://edxcnews.wordpress.com/2019/05/12/update-on-edxc-conference-andorra-6th-to-8th-sept-2019/> or here: <https://edxcnews.wordpress.com/2019/02/28/edxc-2019-conference-hotel-and-travel/>

David Ricquish participated in the EDXC not so many years ago and had a great time. If you are interested in going read the information, contact Chrissy and pack your bag. It would be a great time and you are sure to meet some wonderful people. For a little bit of information on Andorra have a look at page 4.



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

They can be found at

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

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NEW ZEALAND RADIO DX LEAGUE (Inc)

The New Zealand Radio DX League is a non-profit organisation founded in 1948 with the main aim of promoting the hobby of Radio DXing. The NZRDXL is administered by

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MUSINGS

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We are sad to say farewell to Dallas McKenzie, who passed away recently.



Bryan Clark remembers: I met Dallas when I moved to Wellington and joined the League's Wellington Branch in the mid-60s. Dallas was branch president in those days and DXed from his home above Evans Bay. He later relocated to Perth and then on to the United Kingdom.

On Dallas' return to NZ he moved to the West Coast and rejoined the DX League in 2005. He had an array of receivers mainly monitoring utilities. In recent years Dallas had a heart attack and then last year his home in the settlement of Hector was hit by coastal flooding and he had to move to Westport.

Paul Ormandy says: Very sad to hear Dallas has passed away. He was quote a keen radio tech and had a workbench replete with test gear and tools of the trade and a nice collection of comms receivers. RIP.

There were similar sentiments expressed by League President, Arthur DeMaine and David Ricquish.



With the EDXC conference being in Andorra, it reminded me of summer holidays I had in the south of France, with trips to Andorra thrown in. **Andorra** is a tiny Principality high up in the Pyrenees mountains between Spain and France. It is famous for its skiing and shops selling very cheap alcohol and clocks and watches! According to Wikipedia it has the seventh highest level of alcohol consumption in the world, with 13.8 litres per person. I have visited two or three times in the summer. The drive up is impressive but the place itself is basically one road and is fairly unimpressive. AWR at one stage had a shortwave transmitter there and I remember getting the QSL back. You go to Andorra if you want to cross a country off your list, buy some alcohol, fill the car up cheaply, or go skiing. Catalan is the language of the country and the local peseta is the currency.

Douglas Johns in Christchurch writes: Quiet month - a QSL from RNZ Concert Auckland 92.6 and Taranaki 91.6, and a couple via US Based SDRs being KLHT Honolulu 1240, WFEA Manchester NH 1370, WBOB Jacksonville FL 600, and WAYR Fleming Island FL 550. Now it's a matter of keeping warm.....winter is upon us with frosts quite a few mornings. *[Yes, stay warm and keep listening. Best things to do in those winter months].*

Mike Smith is in touch again: Not much to report this month. Conditions have changed with the Latins going mostly AWOL the last couple of weeks. So time to swap the end connections on the EWE and look towards Asia again. I've already swapped the east one so it is looking west now. One thing to note - Trackside 1476 was silent a couple of weeks ago so I got a good logging of 4ZR Roma through the open carrier. I've also been checking 783 in the morning around sunrise, both 6VA and 8AL heard at poor quality most mornings. CNR is dominant there in the evenings.

Mike also reports that he is going to be in Auckland for medical treatment as of mid-June, and apologises that he may be out of action next month. *[We will hope it goes really well, Mike. All the very best and we look forward to seeing you back in print when the time is right.]*

Bryan Clark, Mangawhai has had another fruitful month DXwise - reports out to WBCQ Super Station test on 9330 and Zeppelin Radio Greece 7725. Quick QSL response from Alan Wiener says the 500kw transmitter was up to 130kw when I heard them. Medium wave continues to offer plenty of interesting signals as well. Thanks to an initiative by Paul Ormandy I have had my main FM DX receiver the Sony XDR-F1HD 'hot-rodded' - see details at www.xdr.com *[It's a long time to wait for the fruits of the hot rodding! In the meantime let's get those new aerials up!!]*

Life Member **Tony King in Greytown** reports his first ever logging of Ecuadorians, Argentinians and Brazilian stations on MW. He even seemed quite excited about it - I would be too. Highlights are Radio Naval on 1510, as reported by Bryan Clark in last month's DX Times, Radio RBV 940 in Brazil and good old Radio Nacional LRA15 on 1190 in Argentina. Also logged was WGIT Puerto Rico 1660 - it is good to see they are back. Full details are in Bryan's MW trail on page 28. *[What a great haul Tony! Your QTH defies some of the 'laws of MW DX' - ie you are not close to the sea. It doesn't seem to make a difference the signals just seem to roll into your aerials! I am jealous.]*

John Durham in Tauranga calls in with this: One lonely QSL to hand from Euro pirate in The Netherlands Johnny Tobacco Radio 6300kHz resulting from some morning DX using the League's SDR..

It seems winter has finally arrived with quite a noticeable drop in temperature but i guess we are a lot better off than those down in the Invercargill area. Just as a matter of interest are there any active DXers left down there in what use to be the "capital city" of DX in NZ. *[Not that I know of, John. I think Paul Aronsen was the last of the Southland DXers - except for the now expats of course - some in Hamilton, some in Kingaroy and some in Tauranga!]*

Your **Chief Editor in Mangawhai** has an all Kiwi affair with QSLs from Radio Sport 549, 774, 792, 1062, 1089, 1377 and 1521. It is better than nothing.

Camp Iona, Otepopo, North Otago

DXpedition and Trail 26th & 27th April 2019

Participants: **Arthur DeMaine** (Elad FDM-S2 SDR & AOR AR7030+ with 5m EWE aimed at North America), **Ian Wells** (Kenwood R5000 with 4m EWE aimed at North America 1st night, Central America 2nd night), **Phil Garden** (Kenwood R5000 and R1000 with 4m EWE aimed at North America), **Paul Ormandy** (Yaesu FT-450 with 5m EWE aimed at North America both nights and a second 5m EWE aimed at northern South America 1st night, deep South America 2nd night).

This is the first time EWEs have been used from Camp Iona, they weren't even known about when we held the conventions there in 1994, 1998 & 2002. The noise level was an issue too, lots of electric fences which weren't a problem for a good noise blanker but also what is suspected to be a nearby solar charger – fortunately it stopped working with the arrival of sunset. NB: The 5M EWEs provided enough gain to make a preamp unnecessary.

Overall propagation was very good, on the first night even with aerials not directly at southern South America, there were great signals from Argentina, Uruguay & Chile plus the usual northerners from Peru, Colombia & Ecuador. Second night, very good signals from Peru, Colombia & Ecuador with Argentine and Chileans showing up much later and not as plentiful or strong as the previous night. The only Brazilian heard was Tupi 1280 the first night. Reception from North America was better than expected.

This was the first time the Yaesu FT-450 ham transceiver had been used for MW DX. For anyone considering a new receiver, this model can be highly recommended. They have a built-in MW attenuator which needs to be disabled (not a big job for a technician), is compact and boasts 500 memories, allowing all 10kHz and 9kHz channels and in-band markers (e.g. 2300, 3100, 4600, 5800, 10000, 15000kHz etc) to be stored. Even though there is no direct frequency entry keypad or MHz up/down control, the proliferation of memories makes moving around the bands very easy. Non-hams will need to get the transmit function disabled.

590	0834	ARGENTINA R Continental, Buenos Aires, id, t/c and wx, "9 grados" (9 degrees)
640	0931	PERU R Pacifico, Lima strong o/KFI w/relig, strong off-freq carrier (see next item)
640.2	1030	PERU Onda Azul, Puyo, (t) w/Andean mx, farmyard noises, gong, brief announcement Puno
640	0750	USA KFI Los Angeles CA up with ID, traffic news and advt for Viagra 26/4
660	0601	PERU R Inolvidable, Lima "en todo al Peru" then promo w/ballad snips
670	0657	CUBA R Rebelde, multiple tx sites, fr w/ballads //5025
770	0421	COLOMBIA RCN Bogota in the clear w/id, chimes & nx
780	0823	ARGENTINA R Nacional Ushuaia (possibly) fr o/mxd, w/id, t/c folk mx, later noted with tangos
790	0837	ARGENTINA R Mitre, Buenos Aires MA & FA w/ids, t.c & temp hammered by 792
820	0550	USA WBAP Fort Worth TX (tent) wk on USB RNZ 819, pr w/string of advts, on Redeye Radio
840	0534	USA WHAS Louisville KY, gd w/ad for Arizona State Univ, full id, more local ads
840	0547	COLOMBIA HJKK Neiva ids "HJKK, La Radio" & show promo

840 0900 ARGENTINA R Bahia Blanca, s/on after "Have You Ever Seen The Rain", full id but quickly faded

850 0810 URUGUAY R Carve, Montevideo, gs w/id, temp, breakfast show

860 0533 CUBA R Reloj, Jovellanos, usual nz stories w/CW "RR" ids

870 0827 ARGENTINA R Nacional, Buenos Aires in clear, time pips on half hour & id

880 0736 PERU R Union, Lima, regularly hrd

910 0830 ARGENTINA R Nacional, San Juan, full d & t/c, ph numbers and light instru mx

930 0853 URUGUAY R Monte Carlo, Montevideo w/chatty tlk, ment Montevideo several times

930 0719 CUBA R Reloj, multi tx sites, CW ids & nx

930 0721 PERU Modena Radio Papa, Lima, fr-gd w/relig

980 2140 COLOMBIA RCN Cali, gd w/nx stories //990, mxd unid growly off-freq distorted stn

990 0921 COLOMBIA RCN Bogota, fr o/NZ & Fiji w/nx item

1010 0340 PERU R Cielo, Lima, dominant o/unid

1050 0943 URUGUAY R Uruguay, Montevideo fr-gd w/birthday calls

1060 0548 MEXICO XEEP (t) R Educacion, Mexico City, back-to-back choral mx

1070 0911 COLOMBIA R Santa Fe, Bogota fr w/id, t/c & cumbia mx

1110 0557 PERU R Feliz, lima, nice Andean mx, giving FM freq, location, reg hrd

1140 0840 CHILE R Nacional, Santiago, fr w/id then jazzy number, hrd past 1030z

1160 0705 PERU Onda Cero, Lima shouted ID o/mx, then jingle & pops

1170 0904 USA KFAQ Tulsa, OK, fair with ID & public service announcements for Oklahoma City

1180 0340 USA R Marti, FL, one of the first in

1190 0647 COLOMBIA R Cordillera, Bogota, id "En once-noventa, Radio Cordillera" then tangos

1190 0837 ARGENTINA R Nacional, Cordoba, gd w/ids, promo for provincial futbol championship

1190 0906 USA KEX Portland OR fair with ID, introduction to Coast to coast prgm and adverts

1200 0730 USA WOAI San Antonio TX "Newsradio 1200 WOAI" then Fox nx

1220 0546 MEXICO XEB Mexico City, w/tangos, has us excited for a while!

1240 0949 HAWAII KEWE Kahului fair with ID & music 26/4

1250 0732 COLOMBIA R Capital, Bogota ballads & tlk, often hrd

1270 0919 ARGENTINA R Provincias, Buenos Aires, gd w/id, temp & FA

1270 0952 CHILE R Festival, Vina del Mar id & "..aquí en Vina hoy día.." then chatty MAs

1270.1 0449 ECUADOR R Universal, Guayaquil, lively mx, canned id

1280 0640 BRAZIL R Tupi, Rio up briefly w/MA

1309.2 0716 COLOMBIA La Voz de la Patria, Barranquilla, marching mx then MA & FA

1350 0902 ARGENTINA R Buenos Aires, BA, powering o/NZer w/FA & tangos

1360 0330 PERU R Bienestar, Lima, usually first Latin heard with 1470 not far behind

1410 0720 PERU R Corporacion Wayra, Juliaca, lively commercial prog, 1409.9m

1420 0904 HAWAII KKEA Honolulu Sports w baseball game EE good

1440 0729 KIRIBATI R Kiribati, Betio, completely flattening NZ w/islands mx

1460 0525 COLOMBIA R Nuevo Continente, Bogota, strong w/relig

1460 0701 USA KION Salinas, CA, (tent) briefly up with advt for convention in Burbank

1470 0520 PERU Vaughan R (ex-Capital), Lima, good w/EE "Double Trouble" show

1500 0519 PERU R Santa Rosa, w/mass, slightly off freq

1510 0620 ECUADOR INOCAR Guayaquil, time-signal station, time pips and time checks

1510 0455 COLOMBIA R Cristal, Armenia, canned ids, freq and addr
 1520 0735 USA KQRR Bellvue WA up briefly w/MA in Russia
 1520 0500 COLOMBIA Su Presencia R, Bogota w/ids t/cs in various SAM cities
 1520 0502 PERU R Delcar, Chiclayo many ids, lively MA, long annc
 1539 1909 UAE Pravasi Bharati, Al-Dhabbiya (t), mxd R Italia & TAB, w/Hindi mx
 1540 0650 PERU R Turbo Mix, Cajamarca, nice Andean mx, up briefly o/mix
 1540 0650 USA KMPC Los Angeles CA fr KK w/mx, ID 0700 As "Radio Korea, 1540
 KMPC, Los Angeles"
 1560 0657 USA KGOW Bellaire TX, FA tlk in Vietnamese up briefly
 1570 0605 PERU R Carraviz, Juliaca, gd cpy w/frequent IDs, relig prog
 1570 0830 MEXICO XERF Cd Acuna, "La pderosa" & prog intro using James Brown's "I
 Feel Good"
 1580 0757 COLOMBIA R Maria, Barranquilla, strong w/relig
 1610 0637 CANADA CHHA Toronto, fr & clear w/prog in Portuguese, ads in EE
 1620 0540 US Virgin Islands WDHP Chritiansted reggae Mx EE fair
 1620 0547 CUBA R Rebelde f/male ann also parallel 5025 SS fair
 1640 0615 USA KDIA Vallejo CA Religious talk poor EE
 1650 0833 USA KFOX Torrance CA MA & FA in Korean
 1660 0745 PUERTO RICO WGIT Canovanas fair in SS with religious prgm, IDs as
 "Faro Santidad"
 1670 0833 USA KHPY Moreno CA 2 males talking EE/SS fair
 5945 1918 Voice of Turkey Turkish sounding music poor to fair
 5950 1938 ETHIOPIA V of Tigray Revolution, Addis Ababa, vgd sig w/back-back HOA
 songs, annc in Amharic, blocked at 1958
 6030 1944 ETHIOPIA R Oromiya, Addis Ababa, fr w/HOA mx
 6070 1927 GERMANY R Waves Int (p) via Channel 292, Rohrbach, back-back EE
 songs
 6090 2038 ETHIOPIA R Amhara, Addis Ababa, fr sig, clear after 2000z
 6110 2000 ETHIOPIA R Fana, in the clear after CRO closes, MA w/tlk in Amharic
 6180 1944 GERMANY Deustcher Wetterdienst, FA w/wx broadcasts, closed 2030
 6195 2041 BOTWANA VOA Selebi-Phikwe, weak in EE, best in USB to avoid interference
 9265 9223 USA WINB Red Lion, weak in EE w/relig
 9630.5 2133 BRAZIL R Aparecida, Aparecida, weak w/relig
 9664.6 0124 BRAZIL R Voz Misionaria, Camboriu, vy weak w/relig



Puzzled DXers appear to have lost something Messrs Ormandy and Wells looking for
 lost signals, possibly. Phil Garden is making sure the antenna pole doesn't disappear!
 Photo Arthur DeMaine

BANDWATCH UNDER 9MHz



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Dunedin

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2019 is really galloping away – June already! Winter’s a great time to stick close to a decent heat source with your radio or computer. Some interesting pirates showing up this month, several of them on the League’s SDR! 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

2940a	0730	COLOMBIA HJNT R Huellas, Cali - harmonic of 1470 MW on measured 2940.133 kHz, thanks to tip from Glenn Hauser 22/5. Contemporary Christian vocals, SS ident, poor // web stream which was 36 seconds delayed. BCM
3325	1917	INDONESIA Radio Republik Indonesia, Palangkaraya good and clear concluding news in heavily-accented EE (very difficult to understand), then prgm of popular Indo vocals. GG after 1930, still fair but declining signal at 1940 7/5. BCM**
4750	1913	BANGLADESH Bangladesh Betar strong w/theme music, time signals, ID in Bengali, then popular music 7/5. BCM**
4840	0658	USA, Bro Stair v good in English with usual prgm!! (Tent) 2/5 KAB**
5020	0700	SOLOMON IS, SIBC fair with EE news after ID. Also 3/5 at 0709 with ID 2/5 KAB**
5025	0705	CUBA R Rebelde, good with singing group in Spanish. (Tent) 2/5 KAB**
5040	0534	CUBA R Habana fair in EE with talk on Communist party 3/5 BC
5140	1932	GERMANY (Pirate) R Charleston Int, poor w/music from that era 8/5 JD**
5910	1705	ROMANIA RRI fair in Ukrainian 1/5 BDW
5975	0505	AUSTRIA NHK World Service vis Moosbrunn good with EE news 2/5 BC
5980	1650	NEW ZEALAND RNZI good in EE 27/4 BDW
5985	2205	VATICAN, R Vaticana v good in Mandarin (Tent) 10/5 KAB**
6005	0520	UNITED KINGDOM BBC WS with EE news & sports 30/4 BC
6010	1900	JAPAN NHK World Service good in JJ to the Middle East 17/4 BC
6015	0359	TANZANIA/ZANZIBAR ZBC Dole poor but improving w/drumbeats, “Zed-B-C” ID, time pips & news in Swahili. Bad QRM from CRI 6020 until 0400 9/5. BCM
6015	0510	ROMANIA RRI fair in FF with music 30/4 BC
6020	2033	CHINA, CRI fair in Polish with female singing. (Tent) 8/5 KAB**
6040	0432	TURKEY, VOT fair with F/M talk in Turkish. (Tent) 20/4 KAB**
6050	2046	ECUADOR, HCJB poor with relig music in Spanish (Tent) 20/4 KAB**
6055	2015	BULGARIA Brother Stair via Kostinbrod fair in EE w/relig prgm 1/5 BC
6060	0543	CUBA, R Havana good with female singer & male in English. (Tent) 29/4 KAB**
6090	2001	ETHIOPIA Voice of Amhara State in local language w/music 23/4 BC
6105	0355	FRANCE NHK World Radio fair in JJ via Issoudun 12/5 JM

6125 0500 FRANCE R Algerienne via Issoudun fair with EE ID at s/on, then Arabic prgm 3/5 JM

6125 0510 FRANCE R Algerienne via Issoudun good in FF and AA 3/5 BC

6145 1910 UNITED KINGDOM KBS fair in French via Woofferton 1/5 BDW

6145 1912 UNITED KINGDOM KBS World via Woofferton in FF to Wstn Europe 25/4 BC

6170 2033 ROMANIA, RRI good with male in English with ID and news. 8/5 KAB**

6185 2033 ALBANIA, CRI fair with male in Arabic with comment. (Tent) 20/4 KAB**

6290 1944 NETHERLANDS (?) (Pirate) Mustang Radio, poor/fair w/Meatloaf song 10/5 JD**

6295 1950 IRELAND Reflections Radio poor with EE religious talk 12/5 JD**

6295 2002 IRELAND Reflections Europe hrd for the first time this year w/ usual Sunday-only format of syndicated religious features, poor 19/5 and 26/5. BCM**

6300 1952 NETHERLANDS Johnny Tobacco Radio poor, but clear EE ID at 2000 24/5 JD**

6300 2000 UNKNOWN (Pirate) Ramadan Radio (tent) w/Middle Eastern mx & talk, s/off 2004 12/5 JD**

7140 2008 ERITREA VOBME Asmara extended schedule for Ramadan w/mx prgm, fair 23/5. Gone at 2110 recheck. Also 7180 which seemed to be // for once. BCM**

7205 2015 FRANCE RFI fair in FF for Africa // 9790 24/4 JM

7225 2000 AUSTRIA AWR via Moosbrunn good in Dyula 24/4 BDW

7265 1410 CHINA CRI good with Sinhala prgm, talk/music // 7315 20/4 JM

7290 1852 ROMANIA Radio Rasant via IRRS fair in EE on USB to avoid co-channel 24/5 JD

7325 0445 ROMANIA RRI good in Romanian, s/off 0456 6/5 JM

7325 1530 CHINA CRI fair with EE prgm for S/E Asia 30/4 JM

7325 2028 PNG, Wantok Light fair after fading from good with EE comment(Tent) 20/4 KAB**

7330 1700 CHINA CRI fair with EE news 11/5 JM

7335 0723 USA, R Marti v good with male in Spanish, (Tent) 10/5 KAB**

7340 0359 VATICAN Eye Radio via Santa Maria de Galeria in AA, EE segment 0422 16/4 JM

7360 2030 VATICAN R Vaticana fair with FF for Africa 24/4 JM

7395 1645 CHINA CRI fair in Hindi via Kunming 11/5 JM

7425 2032 SAUDI ARABIA, BSKSA excellent with Koran in Arabic (Tent) 20/4 KAB**

7485 1800 SINGAPORE BBC WS poor in EE via Kranji 1/5 JM

7485 1846 SINGAPORE BBC WS via Kranji in EE with sports comment 27/4 BC

7485 2012 PHILIPPINES, VOA fair with male/female comment in Korean (Tent) 25/4 KAB**

7725 1925 GREECE (pirate) Zeppelin Radio poor but steady w/ jazz mx, EE ident 1938, thanks to John Durham tip 27/5 BCM**

7725 1945 GREECE Zeppelin Radio fair w/Buddy Holly & pops 8/5 JD**

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

BC	Brian Carr	Christchurch	Kenwood R-5000, EWE
BCM	Bryan Clark	Mangawhai	WinRadio G33DDC Excalibur Pro & AOR7030+ with EWEs to North, Central & South America
BCM**	Bryan Clark	Mangawhai	** Using the League's Northland SDR
BDW	Brian Webb	Upper Hutt	DE-1103 & AR-1733 with whips
JD	John Durham	Tauranga	SDR Play RSP2 with Eavesdropper trap dipole.
JD**			** Using the League's Northland SDR
JM	John Mainland	Wellington	Kenwood R-1000, 20m longwire East-West
KAB**	Ken Baird	Wainuiomata	** Using the League's Northland SDR

Contributions to this column may be sent to nzrdx1under9@gmail.com or direct to the editor, Ian Wells, at iwellsnz@gmail.com or via snail mail to P O Box 178, Mangawhai 0504.



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

9300	1535	ARMENIA, TWR (ERV). In English Sat/Sun, poor – 11/5 JM
9330	0130	USA WBCQ Monticello good testing new 500kw tx w/Brother Stair. Brief ident across the hour. Very good by 0300 and exc at 0400 10/5. Quick QSL response advised that power was up to 135kw. Freq was 9330.002. Do not confuse with alternate WBCQ tx hrd at 0500 on 9330.166. BCM
9390	1240	THAILAND, R.Thailand. English for Asia/Pac, good, EE agn 1400-1430 – 12/5 JM
9460	2010	TURKEY, VOT. TT sce, NF,fair – 4/5 JM
9465	2130	GUAM, AWR. Poor in Korean – 27/4 BDW
9480	2005	JAPAN, NHK. JJ to the Pacific, NF, fair – 5/5 JM
9480	2030	JAPAN, NHK, In Japanese to Oceania, good – 19/4 BC
9490	0140	FRANCE, R.Republca. In Spanish to Cuba – 30/4 BC
9500	1820	ROMANIA, RRI. Good in Romanian – 26/4 BDW
9515	0320	TURKEY, VOT (EMR). In EE, Turkish Review + songs – 24/4 BC
9515	0330	TURKEY, VOT v good with pleasant music, English speech. (Tent) 25/4 KAB**
9525	1930	CHINA, CRI. RR to Siberia, fair, - 7/5 JM
9535	0430	CUBA, RHC. In Spanish – 2/5 BC
9535	0344	CUBA, R Havana v good with female comment in Spanish (Tent) 15/5 KAB**
9535	2055	KUWAIT, RFA. In Chinese, fair – 9/5 JM
9540	2102	TAJIKISTAN, RFA. In Korean + songs – 2/5 BC
9540	2115	TAJIKISTAN, RFA. Korean, poor – 9/5 JM
9560	0402	CHINA, Xinjiang PBS (URU). In Uighur to China, good – 2/5 BC
9570	0338	ALBANIA, CRI v strong with male talking in Mandarin, music in background.(Tent) 20/4 KAB**
9570	1345	S. KOREA. RKI. English to Asia, fair – 6/5 JM
9570	1442	S.KOREA, KBS. Fair in Indonesian – 1/5 BDW
9590	0020	CHINA, CRI. Spanish, good – 11/5 JM
9590	0505	ALBANIA, CRI. AA sce, fair – 2/5 JM
9600	1810	CHINA, CRI. English scr for Europe, fair – 6/5 JM
9600	1819	CHINA, CRI. Good in English – 24/4 BDW
9635	2150	TURKEY, VOT (EMR). In English, ID, nice Turkish songs – 2/5 BC
9650	0810	N.KOREA VOK. JJ sce, fair – 11/4 JM
9675	0100	CHINA, CRI. EE. 'Beijing Hour', good – 9/5 JM
9675	1545	CHINA, CRI. EE sce, NF, poor/fair – 19/4 JM
9680	1315	TAIWAN, RTI. Chinese to East Asia, fair – 12/5 JM

9705 1625 VATICAN, R.Vaticana. RR sce, good, NF, - 11/4 JM
 9705 1935 VATICAN, R.Vaticana (SMG). In French – 2/5 BC
 9705 2010 VATICAN, R.Vaticana. English for Africa, fair – 5/5 JM
 9710 0120 CHINA, CRI. SS sce, good – 9/5 JM
 9720 1330 AUSTRALIA, RBA. EE ID, into Asian Language, fair – 25/4 JM
 9720 1750 BULGARIA, Dimtse R. Erena (via SOF) to Eritrea, fair – 20/4 JM
 9720 1750 ERITREA. Dimtse R. In Tigrinya, tentative – 4/5 BC
 9720 1910 CHINA, CNR-1. Fire Drake, fair // 9355 – 9/5 JM
 9745 0550 AUSTRIA, BBC (via MOS). Hausa to West Africa, good – 27/4 JM
 9750 0935 JAPAN, NHK. JJ to East Asia, poor – 15/4 JM
 9750 1924 IRAN Voice of the Islamic Republic of Iran w/EE ident & freqs for Southern Africa // 9855. Both fair at times but largely spoilt by QRM from marine transmission on 4149 on 19/5. BCM**
 9760 2021 GERMANY, AWR (via NAU). Fair in French – 1/5 BDW
 9760 2350 ROMANIA, RRI (GAL). SS sce, poor - 10/5 JM
 9770 1525 AUSTRALIA, RBA. EE ID, 1530 close, poor – 29/4 JM
 9770 2000 FRANCE, AWR. Fair in Moore – 27/4 BDW
 9770 2011 FRANCE, AWR. In Moore to West Afr, good – 28/4 BC
 9780 2000 GERMANY, AWR (via NAU). Fair in French – 1/5 BDW
 9800 1345 CHINA, CRI. EE sce, NF, good – 21/4 JM
 9800 1920 VATICAN, R. Vaticana. AA sce for Easter Sunday to Mid East, fair past 2030 – 20/4 JM
 9810 1830 AUSTRIA, Bible Voice B'cast. "Call to worship", English, fair, off 1900 – 20/4 JM
 9820 1810 ENGLAND, KBS (via WOF). In RR. Good – 26/4 JM
 9825 0415 BULGARIA, BBC (SOF). In Persian to Iran – 2/5 BC
 9825 0425 BULGARIA, BBC WS.(via SOF). In Farsi. EE ID 0430, fair – 12/5 JM
 9840 1510 VIETNAM (HANOI via VTN). English sce, poor - 27/4 JM
 9860 0505 VATICAN, NHK WS (via SMG). English sce, good - 13/5 JM
 9865 1730 INDIA, AIR (Vividh Bharati) Hindi domestic sce,. speech, good, off 1740 – 11/4 JM
 9880 0900 CHINA, CRI (BEI). In Chinese, fair - 27/4 JM
 9910 2135 INDIA, AIR (BGL). Talk on skill level of kids in English – 3/5 BC
 9915 0400 MADAGASCAR, BBC excellent in English with news by Mike Kelly, ID. 10/5 KAB**
 9915 0404 MADAGASCAR, BBC (MDG). Nx in English – 24/4 BC
 9920 1940 THAILAND, R.Thailand. EE sce, good – 25/4 JM
 9920 1950 THAILAND. R.Thailand WS. ID in EE, Local songs. To GG 2000 – 18/4 BC
 9940 1840 MOLDOVA, TWR Africa. In Tigrinya, Poor /fair/ Off 1845 – 25/4 JM
 9970 1610 GERMANY, VOA (LAM). In Tibetan, poor – 11/5 JM
 11560 0406 INDIA, AIR Bangalore good with male with news in Farsi (Tent) 10/5 KAB**
 11640 1150 TAIWAN, RTI. Chinese sce, fair, - 27/4 JM
 11650 0350 MADAGASCAR, R.Tamazuj (MDG). In Sudanese Arabic – 17/5 BC
 11700 0640 FRANCE, RFI. FF tp Central Afr, fair – 16/4 JM
 11710 2145 TAIWAN, Sound of Hope, good with relig singing, comment M/F in Mandarin (Tent) 3/5 KAB**
 11750 2118 GUAM, AWR. Good in Mandarin – 16/4 BDW
 11790 1919 GERMANY, AWR (via NAU). Poor in Wolof, then Fair in Fulfulde @1938 – 24/4 BDW

- 11790 2046 FRANCE, AWR. Good in Yoruba - 24/4 BDW
 11800 2030 AUSTRIA, AWR. Good in French, then English @ 2100 – 24/4 BDW
 11810 2043 ENGLAND, BBC. In English nx to Central Afr, ID – 19/4 BC
 11865 2130 N.KOREA, VOK. JJ sce, fair, NF – 2/5 JM
 11875 0342 OMAN, BBC v good with male talk in Farsi (Tent) 15/5 KAB**
 11905 0930 CHINA, CRI. English sce , good, // 11710, 13800 kHz – 11/5 JM
 11915 2020 SAUDI ARABIA, BSKSA. Koran, fair – 4/5 JM
 11940 1444 UZBEKISTAN, AWR (via TAC). Fair in Burmese – 24/4 BDW
 11940 2120 SPAIN, REE (NOB). Spanish to S.America, poor – 24/4 JM
 11955 1500 AUSTRIA, AWR. Good in Turkish – 24/4 BDW
 11955 1938 GERMANY, AWR (via NAU). Poor in Tachelhit – 1/5 BDW
 12005 0930 CHINA, CRI (KUN). Chinese, NF, fair //7430, 9850- 3/5 JM
 12010 2203 GUAM, AWR. Poor in Mandarin – 16/4 BDW
 12065 0402 GERMANY, AWR fair with male talk and band music, followed by female with news in Amharic (Tent) 10/5 KAB**
 12180 0330 IRAN, VOIRI excellent with female talking in Russian (Tent) 20/4 KAB**
 13680 0339 KUWAIT, VOA fair with male talk in Somali (Tent) 15/5 KAB **
 13765 0205 TAJIKISTAN, RFA (DSB). In Tibetan, poor – 16/4 JM
 13840 0336 NZ, RNZI excellent with M news in English, ID. KAB**
 15125 1837 GERMANY, AWR (via NAU). Fair in Hindi – 24/4 BDW
 15165 1530 AUSTRIA, AWR. Good in Panjabi - 27/4 BDW
 15165 1600 AUSTRIA, AWR. Poor in Urdu – 16/4 BDW
 15195 0322 JAPAN, NHK R Japan, good with country music and male in Japanese with comment (Tent) 20/4 KAB**
 15600 2330 CHINA, CRI (BEI). PP to S,America, fair – 26/4 JM
 15630 0130 UZBEKISTAN, AWR (via TAC) Good in Cantonese – 28/4 BDW
 17690 0337 SAIPAN, RFA v good in Mandarin with comment (Tent).15/5 KAB**
 17720 0432 CHINA, CRI. Fair in English – 15/4 BDW
 17735 0340 CHINA, CNR1 excellent with M/F in Mandarin, Firedrake blocking VOA to Tibet with both stations evident (Tent) 25/4 KAB**

Contributors

BC	Brian Carr	Christchurch	Kenwood R-5000, Ewe.
BCM	Bryan Clark	Mangawhai	G33DDC Excalibur Pro & AOR7030+ with EWEs to North, Central & South America
BCM**	Bryan Clark	Mangawhai	NZRDXL SDR Russell, Bay of Islands
BDW	Brian Webb	Upper Hutt	DE-1103 & AR-1733 with whips.
JM	John Mainland	Wellington	Phillips D2999. Long wire, 20m East/West.
KAB**	Ken Baird	Wainuiomata	NZRDXL SDR 1

Your Contribution much appreciated

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
0100	9675g	CRI	CHINA	9-May	JM
0320	9515	VOT	TURKEY	24-Apr	BC
0330	9515g	VOT	TURKEY	25-Apr	KAB**
0336	13840e	RNZI	NZ	-	KAB**
0400	9915e	BBC	UK	10-May	KAB**
0404	9915	BBC	UK	24-Apr	BC
0422	7340	Eye Radio	VATICAN?	16-Apr	JM
0432	17720f	CRI	CHINA	15-Apr	BDW
0505	5975g	NHK World Service	JAPAN	2-May	BC
0505	9860g	NHK WS	JAPAN	13-May	JM
0520	6005	BBC WS	UK	30-Apr	BC
0534	5040f	R Habana	CUBA	3-May	BC
0543	6060g	R Havana	CUBA	29-Apr	KAB**
0700	5020f	SIBC	SOLOMON IS	2-May	KAB**
0709	5020f	SIBC	SOLOMON IS	3-May	KAB**
0930	11905g:11710:13800	CRI	CHINA	11-May	JM
1240	9390g	R.Thailand	THAILAND	12-May	JM
1345	9570f	RKI	STH KOREA	6-May	JM
1345	9800g	CRI	CHINA	21-Apr	JM
1400-1430	9390g	R.Thailand	THAILAND	12-May	JM
1530	7325f	CRI	CHINA	30-Apr	JM
1535	9300p	TWR	USA	11-May	JM
1545	9675f	CRI	CHINA	19-Apr	JM
1650	5980g	RNZI	NZ	27-Apr	BDW
1700	7330f	CRI	CHINA	11-May	JM
1800	7485p	BBC WS	UK	1-May	JM
1810	9600f	CRI	CHINA	6-May	JM
1819	9600g	CRI	CHINA	24-Apr	BDW
1830-1900	9810f	Bible Voice Bcasting	CANADA	20-Apr	JM
1846	7485	BBC WS	UK	27-Apr	BC
1852	7290f	Radio Rasant	ROMANIA?	24-May	JD
1940	9920g	R.Thailand	THAILAND	25-Apr	JM

1950	6295p	Reflections Radio	IRELAND?	12-May	JD**
1950-2000	9920	R.Thailand	THAILAND	18-Apr	BC
2010	9705f	R.Vaticana	VATICAN	5-May	JM
2028	7325f	Wantok Light	PNG	20-Apr	KAB**
2033	6170g	RRI	ROMANIA	8-May	KAB**
2043	11810	BBC	UK	19-Apr	BC
2135	9910	AIR	INDIA	3-May	BC
2150	9635	VOT	TURKEY	2-May	BC

SHORTWAVE REPORT

Editor

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Tauranga

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ARMENIA

Trans World Radio India via GJSC Yerevan, May 25
1530-1600 on 9300 ERV 300 kW / 100 deg to SoAs English Sat/Sun, very good:
(Via swldxbulgaria.blogspot.com 2019/05)

ASCENSION ISLAND

The Bible Ministries via Ascension on May 26
1900-1928 on 9600 ASC 250 kW / 115 deg to SoAf English Sun, weak/fair signal
1900-1928 on 11660 ASC 250 kW / 065 deg to WeAf English Sun, very good signal
(Via swldxbulgaria.blogspot.com 2019/05)

BHUTAN

6035 kHz, BBS Thimpu, at 1149* UT on April 30. At *1139 UT, the usual sudden start up of PBS Yunnan, with FM99 relay, which mostly covered up BBS, but was still able to hear BBS underneath till BBS cut off. As Glenn has reported, National Unity Radio has again moved back to 6045 kHz and with it heavy North Korea jamming. 6035 kHz has what seems to be a jamming spur from 6045 kHz, making reception of both BBS and FM99 more difficult.
(Via Ron Howard-CA-USA, via wwdxc BC-DX TopNews April 29)

CHINA (Taiwan)

Weak signal of Radio Dap Loi Song Nui Radio DLSN via Paochung, May 29 1230-1300 on 9670 PAO 100 kW / 205 deg to SEAs Vietnamese Vietnam Democracy Radio:
(Via swldxbulgaria.blogspot.com/2019/05)

FRANCE

Frequency changes of Radio France International from June 2
0400-0500 on 9620 ISS 500 kW / 130 deg to ECAf French till June 1
0400-0500 on 11700 ISS 500 kW / 130 deg to ECAf French June 2-Aug.31
0400-0500 on 9620 ISS 500 kW / 130 deg to ECAf French from Sept.1
1200-1300 on 15300 ISS 500 kW / 201 deg to NWAf French till June 1
1200-1300 on 13740 ISS 500 kW / 201 deg to NWAf French June 2-Aug.31
1200-1300 on 15300 ISS 500 kW / 201 deg to NWAf French from Sept.1

1200-1300 on 15390 ISS 500 kW / 180 deg to WCAf French till June 1
1200-1300 on 13855 ISS 500 kW / 180 deg to NWAf French June 2-Aug.31
1200-1300 on 15390 ISS 500 kW / 180 deg to WCAf French from Sept.1
1600-1700 on 15670 ISS 500 kW / 170 deg to WCAf Hausa till June 1
1600-1700 on 13690 ISS 500 kW / 170 deg to WCAf Hausa June 2-Aug.31
1600-1700 on 15670 ISS 500 kW / 170 deg to WCAf Hausa from Sept.1
1700-1800 on 15300 ISS 500 kW / 200 deg to NWAf French till June 1
1700-1800 on 13770 ISS 500 kW / 200 deg to NWAf French June 2-Aug.31
1700-1800 on 15300 ISS 500 kW / 200 deg to NWAf French from Sept.1
(Via swldxbulgaria.blogspot.com 2019/05)

GERMANY

New schedule of Shortwave Radio for Europe via Winsen from May 17
1600-2300 on 3975 WIS 001 kW / non-dir to NWEu English Daily, ex 1600-2200
Parallel freq 6160 WIS 001 kW / non-dir to NWEu English Daily, is 1600-2200
(Via swldxbulgaria.blogspot.com 2019/05)

INDIA

All India Radio on 2 frequencies in 31mb, May 27
1135-1140 on 9620 ALG 250 kW / 282 deg to SoAs English, weak to fair
1135-1140 on 9950 DEL 100 kW / 342 deg to SoAs English, fair to Good
(Via swldxbulgaria.blogspot.com 2019/05)

IRAN

Following times and frequencies in English as per A19 listings.
9800 & 15235 1520 1620 via Sirjan 500 Eng. 9750 & 9855 1920 2020 via Sirjan 500 Eng
(Via hfcc.org)

KUWAIT

Radio Kuwait in English on 2 frequencies in // in 19mb, May 23:
0500-0800 on 15529.8 KBD 250 kW / 310 deg to WeEu English, as scheduled A-19
0500-0800 on 15515.0 KBD 250 kW / 059 deg to EaAs English, instead Arabic GS
0800-0900 on 15515.0 KBD 250 kW / 059 deg to EaAs Persian, instead Arabic GS
Via swldxbulgaria.blogspot.com/2019/05)

KYRGYZSTAN

Birinchi Radio (translated means "First Radio") relays BBC World Service in English on 4010 kHz & MW 612 as follows:
BBC Sport News 1000-1004 Sat & Sun; 1005-1009 Mon-Fri;
BBC News at 1500-1506 Sat & Sun, 1600-1606 Mon-Fri.

Radio Sedaye Zindagi operating by Pamir Ministries via Bishkek on 5130 kHz was confirmed on 01 April at *1550-1757* kHz and on 12 April at *1445-1755* UT. Three quarters of their programs are in Dari & quarter are in Pashto. They are on the air only Mon-Fri and only in first half of the month. The official name is Sedaye Zindagi (=Sound of Life) but in Farsi "sedaye" means "voice".

(Both above items Via Rumen Pankov-BUL, May BrDXC-UK "Communication" magazine direct/via dxld)

PERU

New station activated / reactivated.

OAW-7M Radio Sur Andina 4,930 kHz. Recibida en Lima-Sur, Perú.(Rec- 17 Mayo 2019). Nueva Estación Short Wave Activada Banda Tropical de 60 Metros. "1er Día de Transmisión". Idioma: Castellano.

ID Locutor: ___

Banda: Tropical de 60 Metros. QRG : 4,930 kiloHertz. TX: Sicuani - Cuzco - Perú.

Power: 1 KW ? Date : 17 de Mayo 2019, Hora UTC: 0042 minutos. Hora Local:1942 minutos.

Comentarios: Radio Sur Andina de Sicuani. Nueva Estación del Cuzco, Recientemente Activa en Onda Corta. (SW). Registro del Primer Día de Transmisión.
(Via YouTube item. Radionaut 1)

SAUDI ARABIA

Reception of Radio Saudi International in 13mb, May 29 0900-1155 on 21670 RIY 500 kW / 100 deg to SEAs Indonesian, very Good.

(Via swldxbulgaria.blogspot.com/2019/05)

SPAIN

Radio Exterior de España in English May 24

2200-2230 on 9690 NOB 200 kW / 290 deg to ENAm English Mon/Wed/Fri

2200-2230 on 11670 NOB 200 kW / 161 deg to WCaf English Mon/Wed/Fri

2200-2230 on 11940 NOB 200 kW / 230 deg to SoAm English Mon/Wed/Fri

2200-2230 on 12030 NOB 200 kW / 110 deg to N/ME English Mon/Wed/Fri

(Via swldxbulgaria.blogspot.com/2019/05)

THAILAND

9920. May 31, 2019. 1858-1910, Radio Thailand, Udon-Thani-THA, in English. IS and ID; National and international news by male announcer; Thailand today and others news. Very good reception, 45544.

Via Jota Xavier. Brazil. HCDX 31/05)

ZAMBIA

Voice of Hope Africa expanding its weekend schedule from May 25:

1700-1900 on 4965 LUV 100 kW / 000 deg to SoAf English Sat/Sun tx#1, new

1700-1900 on 6065 LUV 100 kW / 315 deg to WeAf English Sat/Sun tx#2, new

1700-1730 on 9680 LUV 100 kW / 000 deg to SoAf English Sun tx#1, deleted

1700-1730 on 13680 LUV 100 kW / 315 deg to WeAf English Sun tx#2, deleted

(Via HCDX & SWLBulgaria DX News May 24-25)

Zambia NBC, Radio 1, Lusaka,5915. 1955-2020, 25-05, Vernacular,comments. 24322

. (Via Manuel Méndez. Lugo, Spain. Logs in Frial)

SHORTWAVE & STATION NEWS

Australia still has shortwave radio.

Reach Beyond Australia is on shortwave, but with its Christian programming largely in foreign languages, it really isn't seen as representing Australia on the shortwaves. But there

are other private Australian stations that are broadcasting and more are planned.

And while these stations are not a replacement for Radio Australia's international transmissions or the defunct (for the moment) Australian Broadcasting Corp. domestic service, they do have various goals and share certain characteristics.

Their transmitter power is typically around 1,000 W and the inverted V is a popular antenna choice. In addition, these stations are assigned frequencies in the 120-, 90- and 60-meter shortwave broadcasts bands, with their modulation either AM or single sideband, although some have expressed an interest in broadcasting in the Digital Radio Mondiale digital standard.

4KZ is a shortwave relay of an Innisfail, Queensland, medium-wave station with the same call sign. It is part of the NQ Radio network. 4KZ plays a variety of music and is heavily involved in the community. The shortwave serves remote areas of north Queensland. "We are planning a 90-or 120-meter service for evenings local time, from station 4AM in Mareeba," explained Al Kirton, NQ Radio's general manager.

Unique Radio has been on three years and currently broadcasts from Gunnedah in New South Wales. Its owner, Tim Gaylor, has a background in community radio. "We like a station to inform people about alternative subject matters not currently on mainstream media," he said. Unique Radio also plans to add a night frequency in the 90-meter band.

There are also future stations in the works from New South Wales. Peter Tate's Radio X Network consists of various internet music streams. He's adding shortwave from Wee Waa, a town located in the New England region in New South Wales, with transmitters on the 120-, 90- and 60-meter bands. The same program will run on all three frequencies. "You pick the best one for reception," he said. Tate adds that while he definitely wants to get on shortwave it is "an extremely expensive and slow-going process."

AV-Comm is planning a station at Gundry, also in New South Wales. The company's technical director, Garry Cratt, is also founder of Tecsun Radios Australia. "The shortwave service is still in the planning stage," Cratt explains. He adds that he is looking for a transmitter. In addition, another station is expected in the state of Victoria, where Gary Baker, owner of a solar energy company in Victoria, hopes to begin broadcasting later this year from the town of Numurkah. "The format will be partly Christian-based with some additional programming aimed specifically at outback Australia residents," he explains.

Government services or not, Australia will continue to have voices on the shortwave bands. (Via Radio World & Hans Johnson April 23 2019.)

RADIO PIRANA INTERNATIONAL

After landing in the South American country with 19 kg off radio gears in the baggage, and after a few days preparation begun for getting the station on air again from South America. If my wife knew that I had so much of radio things with me, she would have got even more mad than she was. She knew I had much with me, but not that it was so much! I have placed things around in her and my own baggage in between the clothes to protect it. Amongst the things was an Inovonics 222 AM audio processor, SWR meter, a lot of pieces for a new shortwave transmitter, connector etc. At the QTH we already had the 10 watt Lulu transmitter we had so success with last time we was on vacation. This was now broken. I planned to use

this for CW beacon services now. I repaired it, but did had to work hard to get it in order, as a lot of things had been damaged. Also the PCB was quite in bad shape.

Well I did get it on air, but after two days of CW beacon transmissions, it broken again. Then I give it up for this time, and begun to concentrate on to assemble the new transmitter. After a few days it was ready. Previously I have got made locally, a metal case for it. I did not finish it all how I wanted it and had planed, this due to lack of time..., as I have made holes for switches, indicator lamps etc. This I have to continue the next time! But I got it so I could use it. It worked nicely. The transmitter can do 130 watts, but we decided to use it at 100 watts, as we wanted to use continuously many hours of broadcast at a time, and thus don't wanted to use it at max as a prevention.

All worked fine and we instantly could hear our transmitter via various SDR's in the region with quite good signal. Had to mention that our antenna also had to be repaired, but it was minor things... I did take it down was take down from the 24 meter high tower, and then when it was ready got it up again. We made a lot of transmissions. Some was live, but mostly, and all the time during the late night through in to the morning was "boxed". We also had some programs from other station aired, As radio Cochiguaz, Radio Enterhaken, and also programs from our Moscow friend Artiom, a friend since the 90's with Artiom's World Music program.

Some technical data at our South American QTH:

A small live studio with Behringer XENYX Q802USB USB Mixer

1 Microphone. 1 Personal computer. 2 small MP3 players

AMM-SD1 Amplitude Modulation Monitor Inovonics 222 Am Broadcast Processor

130 Watts AM class D (high efficiency) Transmitter (used at 100 watts)

Inverted V dipole for 43 meters. Tower 24 meters high.

(Via Jorge Garcia. Radio Pirana International) [Reported in NZ Early March 2019 Editor]

BROADCAST NEWS

Editor

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Mangawhai

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COOK ISLANDS LEAVING MW, COUNTRY MUSIC FROM HAWAII

ALASKA KVOK Kodiak **560** went silent on 7 May, having lost its licensed tower (operated by Coast Guard). (NRC) KVOK has a Special Temporary Authority (STA) to remain silent while it finds a new transmitter site. They have been forced to suspend operations due to loss of the station's transmitter site. KVOK has been operated using a more than 70 year old tower leased from the United States Coast Guard (USCG). The USCG has reached a decision to terminate that lease and dismantle the tower. Licensee is searching for an alternate site for the station but must suspend operations until such a site is found and constructed." It sounds like they'll be off for at least a few months. (Bruce Portzer via Mike Sanburn IRCA)

ANGUILLA: In former times it appears that the local regulators in various British Overseas Territories would sometimes allow operations that were, to put it mildly, in contravention of the ITU regulations or applicable bilateral and regional agreements. This no longer seems to be the case. Per info from Ofcom (UK government's regulatory authority for broadcasting. Ed), it is clear that Ofcom now has overall regulatory authority and is responsible for such broadcasting allotments/operations and their consistency with ITU regulations. It therefore seems likely that the high power **1610** Anguilla and **530** Turks and Caicos operations no longer are in operation due to Ofcom's determination that they are inconsistent with the ITU frequency use requirements. Most particularly, use of 1610 is limited to 10 kW day and (under most circumstances) 1 kW night, and 530 broadcasting use is limited to 1 kW day, 250 watts night. So I am told. (Glenn Hauser, DXLD via IRCA)

ARGENTINA LR1 Radio El Mundo in Buenos Aires (**1070** AM) has lost its licence. (Argentina en AM y FM Facebook Page 3May19)

AUSTRALIA Listeners of commercial radio station 5MU (**1125** AM) in Murray Bridge, Mount Barker and Victor Harbor may soon be retuning their radios if the Australian Communications and Media Authority (ACMA) accepts a proposal by the station to swap from AM to FM transmission. 'FM radio provides improved audio quality for listeners in regional areas and can be more cost-effective to operate than AM radio,' said ACMA Chair Nerida O'Loughlin. 'A number of regional commercial radio stations are seeking to convert their services to FM under an industry-led conversion program,' said Ms O'Loughlin. 'The ACMA will facilitate a conversion after taking a number of issues into account. These include availability of suitable spectrum and being satisfied that audiences in regional areas do not lose radio services under that proposal.' The ACMA is also proposing to plan a new long-term community radio broadcasting service for Mount Barker, which is currently served by temporary community broadcasting services. Submissions on the proposals are due by 14 June 2019. If ACMA decides to approve these conversions, the timing of the FM conversion would be up to the commercial broadcasters. (ACMA Media release 17 May via Martin Greer)

CANADA

750 CKJH Melfort SK now identifies as Beach Radio 750. The format has been tweaked and now emphasizes Classic Hits from the 80's and 90's. Website is <https://beachradiosk.com/> Thanks to Ted at Radio West for the tip. (Canadian Radio News fb group (17/5-2019) via MW.info website)

1350 CHFO Gatineau QC has gone dark. Unknown if it will return to the air. (Dan Sys IRCA)

COLOMBIA: 1120 HJGH Tropicana, ex 24 Horas Radio, Bucaramanga. (Rafael Rodríguez via Mauno Ritola, ARC via IRCA)

COOK ISLANDS Radio Cook Islands advises: "The Cook Islands Investment Corporation will begin dismantling our AM Radio mast out at Matavera. The mast was installed around 1970 and I remember seeing it being worked on around 1990 but since then no maintenance has been done on it. The Government owns it and Bluesky maintain it. Anyway, it is a hazard at the moment as sections of it are rusting and so it needs to come down. It will affect our radio service reach. We have FM around the island and in the Outer Islands via the Government, but the reach is not that good. I think radio is a low priority for anyone these days. The [630] AM has been useful in that it can reach all the way to Penrhyn." (Radio Cook Islands via Adrian Sainsbury RNZ Pacific) This news is in contrast to Samoa where 2AP **540** AM has had a reprieve thanks to AusAid replacing the AM Mast in Apia. (Adrian Sainsbury via DX Dialog 23May19)

According to a Radio Cook Islands Facebook posting on 25 May, students of the Apii Takitumu School have been relocated to 3 different locations on Rarotonga to enable dismantling of the 100-metre radio mast that towers over the school. (Bryan Clark)



(Photo: Radio Cook Islands Facebook page)

GERMANY While in Munich I logged the 10 watt museum station on **1500** khz, not 1503. Understand this broadcast is from the Deutsches Museum. (Tony Magon)

HAWAII

KKEA Honolulu 1420 now uses slogan “ESPN Honolulu 92.7 FM & 1420 AM.” (NRC)

KOREA (SOUTH) A 250 kw medium wave outlet is being constructed for FEBC, southwest of Seoul. Communist North Korea is about to get hit with a massive new radio signal carrying the message of Christ’s love like never before. “It’s an AM station, 250,000 watts, which will clearly cover North Korea,” said Ed Cannon, president of Far East Broadcasting Company, also known as FEBC. For over 75 years, FEBC has been using radio signals to send the message of Jesus Christ around the world. Cannon says this new “super station” will be erected close to the border of North and South Korea. “We’ve secured a location on the western coast of South Korea just a few miles south of the Demilitarized Zone,” Cannon told CBN News. “It’s a perfect location because the signal goes across the ocean for a few miles and then goes right into North Korea.” FEBC’s president says the radio signal will launch in a few months and will carry gospel programs produced in neighbouring South Korea. Cannon claims the signal will be “unblockable” by North Korea’s regime and will “reach far past the northern boundary of North Korea covering the entire country with the message of Jesus Christ.” North Korea is the most dangerous country in the world for Christians. Cannon says anyone caught listening to FEBC programs faces severe consequences.” (CBN News via Tracy Wood in SWLing Post via Paul Rawdon in DX Dialog)

MÉXICO At 11:30 am on Wednesday April 10th, the owner of **1090** XEPRS suddenly pulled the plug on the “Mighty 1090” (leased) sports talk format, and immediately began simulcasting 104.9 KJAV “Ultra 104.9 FM” from Alamo-McAllen, Texas, complete with Rio Grande Valley (“RGV”) weather and local ads. It had been reported several months ago that

BCA, the lessee for 1090 XEPRS, 105.7 XHPRS, and 1700 XEPE had been failing to make the exorbitant lease payments to the owners of those stations, reportedly at least \$100K per station per month. In December, the Tijuana politician who owns XHPRS and XEPE had kicked the BCA. (NRC's IDXD 86/15 via IRCA)

No one is willing to pay the ridiculously high lease payments that BCA was paying for XEPRS-1090, XHPRS-105.7, and XEPE-1700. Some of XEPRS' talent is rumored to be in negotiations with struggling competitor KWFN-97.3, a weak FM station owned by CBS-Entercom that took over the Padres broadcasts a while back. (Tim Hall, ABDX April 18 via DXLD via IRCA)

PANAMÁ HOI417 Radio Baha'i, Boca Del Monte heard in Finland on **1300** by Pekka Kostiainen, SDXL and identified by Henrik Klemetz, (ARC via IRCA)

PERÚ According to a Twitter tweet from Vaughan Radio presenter Kyle Miller, they are 24 hours a day with conversational English on **1470** in Lima since 1 March, so it appears that Radio Capital is now only broadcasting on 96.7 FM. (Bryan Clark)

TURKS AND CAICOS See Anguilla above.

VENEZUELA: YVKS Radio Caracas Radio **750** was closed by the government (CONATEL) on April 30 2019. (Santiago San Gil G, CadenADX 5/19 via IRCA)

PUERTO RICO (Updates from NRC DX News)

- 600 WYEL Mayagüez applies to extend STA, U1 1250/1250.
- 1160 WBQN Barceloneta-Manati applies to extend STA, U1 1250/1250.
- 1430 WNEL Caguas granted CP to build a new (shorter) tower to replace tower destroyed in Hurricane Maria, remaining U1 5000/5000. (Meantime) granted STA extension, U1 2300/2300 from remaining part of tower.

UNITED ARAB EMIRATES It seems that Radio Farda from Al-Dhabbaya **1575** kHz is off air. For about 1 week I only can hear the jammer from Iran (Iran's authorities probably didn't pick up that Farda is off air now). No idea if Radio Farda will return there. (Nils Düwel 15May19 via mw.info)

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

- 570 KLIF Dallas TX CP for U4 5000/2400 is on the air.
- 610 WIOD Miami FL applies to extend STA, U4 10000/10000, Cuba QRM.
- 660 KGSV Oildale CA granted STA extension, U1 2000/1500.
- 790 KEJY Eureka CA applies to extend STA, U1 500/110, KWSW-980 tower.
- 880 KRVN Lexington NE now using slogan Rural Radio. (FCC)
- 950 WTLN Orlando FL granted STA extension, U2 12000/10000, Cuba QRM.
- 960 KIXW Apple Valley CA slogans to "Talk 960," "The High Desert's Talk."
- 1030 App Folsom CA CP application for new station, U4 50000/25000, dismissed.
- 1140 New Aberdeen WA granted CP for U2 5000/2500 at 46-58-19/123-46-18.
- 1190 App Paradise NV application for new station, U4 50000/500, dismissed.
- 1230 KCOH Houston TX slogan to "The Source."
- 1230 KEZF Murray UT silent since Oct. 31 (2018), back on the air Apr. 21 with Country & Western Oldies format ex Sport. (Mike Riordan)
- 1240 KEZY San Bernardino CA slogan change to Inspiration Radio ex-Nueva Vida).
- 1250 KHIL Willcox AZ silent May 10, transmitter problems.

- 1270 KAJO Grants Pass OR format to Oldies & Talk; slogan to "Oldies 99.7."
- 1300 WFFG Marathon FL went silent on 2 May as Boot Key is still without power. Granted STA, U3 300/300, using generator as site has no power.
- 1310 KTCK Dallas TX applies to extend STA, parameters at variance, diplexing KLIF-570.
- 1360 KUIK Hillsboro OR granted STA, U4 1400/5000, uses night pattern days.
- 1370 KFRO Longview TX granted STA extension, U1 1000/108.
- 1400 KWNA Winnemucca NV call change to KWXA (May 16).
- 1400 KSRR Provo UT applies for STA, 177' LW, silent station needs to broadcast soon.
- 1410 WPOP Hartford CT granted STA extension, U1 1250/1250.
- 1430 WLTV Panama City FL granted STA extension, U1 1250/1250.
- 1450 WOCN Miami FL change of slogan to "Radio Vida." (Terry Krueger)
- 1480 KBXD Dallas TX call change to KNGO (May 7).
- 1480 KYOS Merced CA applies for license to cover CP for U1 4300/75, new site 37-17-31/120-26-03. Format to NWS/TLK/OLD weekends (ex-NWS/TLK).
- 1490 KWOK Aberdeen WA applies for license to cover CP for U1 1000/1000.
- 1520 KMPG Hollister CA granted STA extension, D1 3400.
- 1570 WVOJ Fernandina Beach FL longstanding application for U4 50000/3300, CoL to Orange Park FL, dismissed.
- 1590 KMIC Houston TX – Slogan & Group to Radio Aleluya

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

- 680 KKGR East Helena MT format was oldies, now classic hits, with new slogan Helena's Greatest Hits".
- 1130 KSDO San Diego CA has added the slogan "Inspiration Radio".
- 1240 KJAA Globe AZ came back on air on 13 February but is on a special half-power STA until new tower gets built sometime later this year. (Mike Sanburn)
- 1250 KWSU Pullman WA new slogan: "Northwest Public Broadcasting".
- 1280 KWSX Stockton CA now using the slogan "Power Talk 1360".
- 1300 KAZN Pasadena CA verified by letter & prepared card from Felix Guo; 747 E Green St, 4th Floor, Pasadena CA 91101-2145. (Martin Foltz)
- 1320 KNIT Salt Lake City UT reactivated with religious teaching, using slogan "Praise Live".
- 1350 KXTN San Antonio TX format is now Tejano, slogan "Tejano and Proud".
- 1360 KWDJ Ridgecrest CA new slogan: "Kool Gold 1360".
- 1380 KSRV Ontario OR is silent, Owners have offered to give it to the HIBF. (Bill Frahm via Frank Aden)
- 1390 KLTX Long Beach CA now uses the slogan "Inspiration Radio".
- 1400 WZAZ Jacksonville FL is now silent.
- 1420 KJDL Lubbock TX has changed call sign to KWBF.
- 1450 WZGX Bessemer AL is now silent.
- 1490 KZEZ Santa Clara UT is a new station, not a station that has moved here from elsewhere. Looking at the FCC it seems to have been in the pipeline since 2004. The calls KSGI were originally allocated in 2017 before changing to KZEZ later that year. A construction permit was issued on 28th February 2018 and the station was licensed by FCC on 20th March 2019. (Andrew Brade)
- 1560 KNZR Bakersfield CA now using the slogan "KNZR 1560 AM 97.7 FM"
- 1600 KAHZ Pomona CA verified by letter & prepared card from Felix Guo; 747 E Green St, 4th Floor, Pasadena CA 91101-2145. (Martin Foltz)

its exit from Chapter 11 bankruptcy. The restructuring has reduced the company's debt load from \$16.1 billion to \$5.75 billion. The move also completes the spin-off of Clear Channel Outdoor Holdings into a separately traded company. (Radio Insight: via NRC)

USA FCC Asked to Allow All Digital Transmissions on AM Band . According to "Radio World" <https://www.radioworld.com/news-and-business/business-and-law/bryan-broadcasting-asks-fcc-to-allow-all-digital-am> a prominent advocate for the Standard Broadcast and (AM band) has petitioned the FCC to allow stations to use all-digital transmissions in the US. In March, Bryan Broadcasting Corporation asked the Commission to initiate a proceeding to authorize the MA3 primary all-digital service mode for any AM station that chooses to do so. Bryan is the licensee of four AM and five FM stations (and six FM translators) in central Texas. All HD Radio receivers in the market that have AM functionality would be able to receive such all-digital signals, the article explains, but legacy AM receivers would not. Since last summer, WWFD in Frederick, Maryland, has had special temporary authority to broadcast in all-digital. The Bryan petition appears to be the first to seek all-digital authority. The petition said the broadcast industry's experimentation with an all-digital approach "could be accelerated by actually allowing stations to fully switch to MA3; actual experiential knowledge by stations that elect to switch will provide economic proof-of-concept for stations that delay in order to see how others fare." The petition also noted discussions that the AM band has "become so overwhelmed by interference and impulse noise that the resultant audio product is rendered unacceptable to modern listeners." The petition said the noise floor generated by unlicensed devices and affecting the AM band "has been noticeable – and increasing – for years." According to the petition, Bryan has tried to quantify the noise floor increase, but that studies have not been undertaken in the US. The petition said experience in other countries suggests a rise from anywhere between 10 dB and 40 dB between the 1970s and the early 2000s." (Joe Miller via IRCA eGroup, via Radio Digest & ARRL Letter 25 April via Mike Sanburn IRCA)

X-BAND REPORT

As at 17 May, the FCC lists just 2 American X-Band stations as silent:

- 1630 WRDW and 1690 WMLB, both from Georgia (NRC DX News)
- 1620 WDND South Bend IN license cancelled at licensee's request per letter dated Mar. 4; station had been silent since Mar. 2, 2018. (NRC)
- 1620 LU9 Universo, Mar del Plata, BA Argentina noted on 1619.9930 on 29Oct18 (VEH via Finnish DX Club's Radiomaalma magazine 2/19)
- 1640 KDZR Lake Oswego OR heard May 2 as "AM 1640 The Patriot" and confirmed on new web site thepatriotportland.com Still Conservative Talk. (Jon Pearkins via IRCA)
- 1650 CJRS Montreal QC. Ident "This is Montreal's Christian Radio 16-50 AM", 24/2. (THE via Finnish DX Club's Radiomaalma magazine 2/19)
- 1650 CINA Mississauga Ontario w/ "Radio India" ident at 0600 4/1. (THE via FDXC)
- 1650 Radio Las Estrellas, Longchamps Buenos Aires w/ "AM 1650 Radio Las Estrellas" on 1650.014 9/9/18 (LEM399/JPR via FDXC Radiomaalma)
- 1660 Radio Revivir, Gregorio de Laferrere, BA, Argentina measured on 1659.985 on 11Dec18. (AIH91/PW&TIK via Finnish DX Club's Radiomaalma)
- 1660 LRI232 R Ciudad de Nogoyá, Nogoyá w/ID as "LRI232 Radio Ciudad de Nogoyá" on 9Sep18. (LEM399/JPR via Finnish DX Club's Radiomaalma)
- 1700 WRCR Ramapo NY has returned to the air after many months of silence. It is currently operating with an STA with 2500 watts day/250 watts night using a long wire antenna (much like an inverted L) hung from local communications tower. See if you can hear it... playing oldies pop music non-stop. (Karl Zuk NY on 28 April via

KINGS OF THE KILOCYCLES

BARRY HARTLEY Mairangi Bay has “a few loggings, mostly late night/early morning. Nothing terribly exciting, but it shows there are some stations to be heard! Trawling across the mw band is the early hours can be a bit depressing, talkback from both sides of the Tasman at times is really weird!” [Thanks Barry – I know I’ve missed some great DX opportunities over the years by ignoring overnight DX! BC]

MIKE SMITH Opunake writes “Conditions are on the change - Latins have dropped right away lately. I’m about to change the direction of the SSE EWE back to NNW and see what’s audible from the Asian region. I have sent a report away to 4ZR Roma on 1476, heard through Trakside’s open carrier one night on the other EWE now looking west, and am chasing the far side Aussies on 783, 6VA and 8AL..I’ve heard them both in the early mornings, but at poor strength.” [Interesting Mike – Pacific Coast Latins still sneaking into Northland, though the North Americans are back in droves too! Wish you the very best for your 14 June op, and for a speedy and complete recovery. BC]

TONY KING Greytown sends in a trail contribution noting that it contains his first Argentinian, Brazilian and Ecuadorian catches on MW! [A significant month for you hobby-wise Tony, even more impressive given that you hear these on a Tecsun! I hope to visit them in Hong Kong later this month so will tell them! BC].

IAN WELLS Mosgiel went on a DXpedition to Camp Iona near Oamaru in late April – see details elsewhere in this magazine. He’s had some QSL success: “I’ve received email verifications for WBAP Dallas 820kHz from Kevin Graham, Program Director (kevin.graham@cumulus.com) and WHAS Louisville 840kHz from Josh Everett, Program Director (josheverett@iheartmedia.com). A number of others are simply not interested which is a bit disheartening. I would love a real email address for Radio Cielo Peru 1010kHz if anyone can assist.” [I can’t recall them ever QSLing Ian – Facebook may provide a pathway? BC]

BRYAN CLARK Mangawhai contributes a diverse range of logs to the trail. Much time has been spent monitoring a wandering Latin on the low side of 1490, first heard on 13 May and still there early June. Sign on is around 0830 UTC and Henrik Klemetz in Sweden is currently reviewing all my recordings for clues as to identity.

MEDIUM WAVE TRAIL

Thanks to our contributors:

TK	Tony King, Greytown listening on a Tecsun PL380 with EWE’s E and SE
MWS	Mike Smith Opunake listening with Panasonic DR31 and Eddystone 680X, EWEs aimed SSE and West
BH**	Barry Hartley DXing on the League’s SDR at Russell Bay of Islands
BCM	Bryan Clark Mangawhai using WinRadio G33DDC SDR and AOR7030+ with EWEs to NE, East & SE.
640	0548 USA KFI Los Angeles w/many commercials f/g with fades. 28/4 BH**
670	0838 CUBA Radio Rebelde good w/lively vocals, much clearer signal than // SW 5025 22/5. BCM
740	0630 USA KTRH Houston TX w/”NewsRadio 7-40, KTRH Traffic and Weather Together”, weather update, all alone on frequency 22/5. BCM
760	0841 HAWAII KGU Honolulu good w/new C&W format, ident as “95.1 and 7-60 AM, Honolulu’s Real Country” 22/5. BCM
765	1655 CHINA CNR5 Fuzhou magazine type prog Ex 26/5 BH**
774	1335 JAPAN JOUB NHK2 2 males News in Italian 30/4 good BH**

- 783 1245 CHINA Voice of the Strait female speech and music excellent // 4900 SW 22/5 BH**
- 783 1900 AUSTRALIA 6VA and 8AL audible most mornings, 6VA usually dominant but at poor level. MWS
- 820 0500 UNID LATIN suspect Argentina. "Radio Nacional" ID briefly then into talkback, // 750 on 06/05 MWS
- 828 0457 UNID in unid language weak FA, while Trackside off air, only lasted a few minutes. A mystery. 7/5 MWS
- 846 0525 CHRISTMAS ISLAND (KIRIBATI) Radio Kiribati over NZL w/island melodies, talk in dialect 21/5. BCM
- 830 0555 ARGENTINA LT8 La Ocho Lots of western pops 0500 - 0600, "Ocho" ID at 0555. 6/5 MWS
- 940 0515 BRAZIL R. RBV News commentary 5/5 TK
- 940 0410 BRAZIL Rede Boa Vontade first latin in w/usual relig content. 6/5 MWS
- 960 0533 PERU Radio Panamericana good & clear w/ident 11/5. BCM
- 1070 0515 USA KNX Los Angeles w/News, weather and traffic info f/g 28/4 BH**
- 1089 1157 CHINA CNR6 "western style" music with Chinese lyrics and speech in Chinese. Excellent // 6165 SW, News at 1300 22/5 BH**
- 1098 0900 MARSHALL ISLANDS V7AB regular over/mixed NewstalkZB w/island melodies, local lang. Abrupt switch to RNZ Pacific news at 0901 22/5. Followed past 1100. BCM
- 1170 0535 USA "Talk Radio 1170" pres KFAQ fair, but fades. Ad for "Medishare" and Beatles "Let It Be" 28/4 BH** (98% likely its them, Ed)
- 1190 0455 ARGENTINA Radio Nacional LRA15. ID 0500. Instru. Mx 4/5 TK
- 1190 0500 ARGENTINA LRA15 San Miguel de Tucamen w/"Nacional", time pips, theme mx & "Argentina Informar Nacional" 11/5. & 13/5 BCM
- 1220 0545 MEXICO XEB Mexico DF w/SS orchestral oldies VG 26/5 TK
- 1260 1325 JAPAN JOIR (pres) speech in JJ by 2 men & phone in f/g over 3SR 30/4 BH**
- 1280 0417 BRAZIL Radio Tupi animated male ann PP, fair signal before 1278 local got too strong! 6/5 MWS
- 1290 0554 USA KRGE Weslaco TX fair w/SS religious format 11/5. At 0601 gave lengthy network ident in EE: "You're listening to KRGE 1290 AM Weslaco, KBIC 105.7 FM Raymondville, K243BI ...Weslaco, KERG 104.7 FM Escobares Texas, KCMZ 105.5 FM Ozona, KRVP 91.5 FM Falfurrias, Texas, KLTB 89.7 FM Brownfield, Texas.... KJLC... KIVD-LP 107.9 FM....KPAD-LP 101.1 FM Roswell, New Mexico..." BCM
- 1310 0457 MEXICO XEHIT Pueblo w/Mexican anthem, music, Radio Felicidad idents regular, over another Latin 23/5. BCM
- 1323 1335 CHINA 2 stations mixing 30/4 BH**
- 1410 0530 PERU possibly R. Corporacion Wayra. Hip DJ/pop mx 15/4 TK
- 1410 0508 MEXICO XEBS Mexico DF w/Mexican 'oompah' bands, shouted "Bandolera" ident, dominating a second Latin station 23/5. BCM
- 1420 0600 HAWAII KKEA Honolulu with ESPN sports talk, ident as "ESPN Honolulu, KKEA Honolulu 14-20 AM and 92.7 FM" over/mixed presumed Mexican 23/5. BCM
- 1460 0802 USA KION Salinas CA w'Fox News over/mixed SS religious station, likely Nueva Continente Colombia 13/5. BCM
- 1467 1202 SOUTH KOREA HLKN KBS News M & F good 30/4 BH**
- 1470 0505 PERU Radio Capital Lima SS/EE Show. Daily. 14/5 TK

TV/FM NEWS & DX



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From **Gordon Mathieson**

WANGANUI full FM list:

- 88.8 The Edge
 - 89.6 The Hits
 - 90.4 Magic
 - 91.2 Brian FM
 - 92.0 Reel World Radio
 - 92.8 More
 - 93.6 Ski FM
 - 94.4 The Sound
 - 95.2 The Rock
 - 96.0 Magic Talk (formerly Radio Live)
 - 96.8 ZM
 - 97.6 The Breeze
 - 98.4 Coast
 - 99.2 RNZ Concert
 - 100.0 Awa FM
 - 100.8 Life FM
 - 101.6 RNZ National
 - 102.6 O.C. (Stereo carrier but no activity - no idea what this is)
 - 104.8 Rhema
 - 105.6 The Avenue
 - 106.7 Roxy Radio
 - 107.3 Radio Wild Card
 - 107.5 3ABN
 - 107.7 Shock FM (I.D. as 88.0 but nothing there, definitely on 107.7)
- (no low powers noted below 88.8 - bandscan done on Durie Hill lookout. No sign of Hauraki supposedly on 87.7)

HAWERA

- 88.2 Hokonui // 1557 AM
- 107.4 3ABN

ELTHAM

- 88.0 NZ Country Music Radio

MAHOENUI (S.W. of Te Kuiti on S.H.3 between Piopio and Awakino)

- 88.2 NZ Country Music Radio

Brian Withers Napier with Nad 4300 tuner & Sony ST- S311 tuner with 5 element aerial & whip aerial.

On Nad 4300 tuner I changed the aerial 75 ohms male connector to F type & can now hear most of New Plymouth stations at my location & a few more Wellington stations too all at weak to fair signals some days.

Heard this morning (28 May) on 90 MHz Hits New Plymouth mixed with Ski FM at around 20.15 UTC poor but (I think) no id heard.

Hutt Radio - Community Station 106.7 FM

Well after much 'real world' testing, it appears 88.1 is not a viable frequency. Disappointing but the LPFM frequency world features some cowboys who routinely bend the rules and make it hard for newbies.

Currently we are settling in, and testing on, 106.7FM. The range from the Lower Hutt CBD is limited but we are doing our best with longer term plans to improve coverage with the ridiculous 1-watt limit for Low Power FM. The core team is working VERY hard to get things happening on many fronts; gear, programming, externally provided infrastructure etc.

So tune to 106.7 to get us testing. Permanent programming is tentatively sched from next Monday 13th at 9am. Streaming will follow as infrastructure becomes available! Not easy but getting there! Mike....

(Hutt Radio Facebook page, 7 May 2019)

'The Garage 96.1' to feature Flying Nuns from Monday May 6

A new Christchurch radio station is about to become one of the first to consistently play music signed by The Flying Nuns record label.

The Garage is the newest of the annual New Zealand Broadcasting School stations, broadcasting on 96.1 FM.

With the genre of alternate 80s however, the station will become the first station in New Zealand to consistently play music signed by The Flying Nuns record label.

Despite other stations playing 'George' by the Headless Chickens and 'Heavenly Pop Hit' by the Chills getting a lot of airtime, these songs barely scratch the surface of what the Flying Nuns Records has to offer, according to Garage Station Manager Matthew Pledger.

"There's a huge back catalog of music from bands like The Bats, The Chills, The Clean... that really have had no commercial radio play," says Pledger.

Being an indie record label, The Flying Nuns' music has largely gone under the radar in mainstream media.

24 second-year radio students at the Broadcasting School run the station from the ground up, including advertising, on-air talent and programming.

"It's a pretty unique experience where 24 students in the second year, and 24 students in the first year who also help out, get to run Garage," says Pledger.

(MetroNews, 12 April 2019, metronews.co.nz)

UTILITIES

Editor

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This month we welcome **Michael Jackson** to this section. I have an apology to make, Michael's loggings were sent in a month or two ago and for some reason nzrdxlutilities e-mail address did not forward to my main address, apologies Michael. Have now sorted the problem. I hope you will continue to send in your loggings.

FREQ UTC DETAILS OF TRANSMISSION

3413	0500	IRELAND Shannon volmet aviation weather fair 27/4 AD
3485	0455	CANADA Gander volmet aero weather 0459 Male "This is Gander Radio" good 27/4 AD
4681	0505	SCOTLAND Shanwick "Say your report Charlie..." fair 27/4 AD
5170	1857	TAIWAN Taiwan Central Weather Bureau woman broadcasting weather information in Cantonese poor 27/4 AD
5170	1905	TAIWAN Taiwan Central Weather Bureau woman broadcasting weather information in Cantonese good // with 8117 5/05 ABD**
5450	0609	ENGLAND RAF Volmet with aero weather 0610 mention made of Information Broadcast fair to good 26/4 AD
5505	0606	IRELAND Shannon Volmet met report for Heathrow good 26/4 AD
5583	0622	SCOTLAND Shanwick, ATC working traffic 0624 115 ... calling fair 26/4 AD
5628	1006	JAPAN Tokyo working Japan Air 732J en route Tokyo to Los Angeles MJ
5643	0545	FIJI Nandi/United 100 position report good 20/5 ABD**
5643	0503	NZ829 calling Auckland requesting deviation of 20 miles good ABD
5643	0406	AUCKLAND/ Q124 gave position report and selcal check good 26/5 ABD
5687	2250	NEW ZEALAND Air Force Auckland sends a SELCAL signal of BSAD and eventually Warrior 03 advises they are about to land Ohakea SELCAL watch closed. Warrior 03 is an RNZAF HN90 helo MJ
6224	0546	NZ MARINE RADIO COASTAL Marine Forecast inc gale warning in force Milford area 26/5 RP
6617	1858	RUSSIA Rostov volmet, woman with aero weather in Russian fair 26/4 AD
8117	1915	TAIWAN Taiwan Central Weather Bureau woman broadcasting weather information in Cantonese fair 5/05 ABD**
8828	1850	HONG KONG volmet MJ
8855	2121	Jetstar Dispatch called by JST219 (Melbourne to Queenstown) with ETA report, ops normal and SELCAL check. MJ
8864	1139	CANADA Gander working UAL123 London Heathrow-Washington) with a SELCAL but the aircraft can't be heard MJ
8867	2254	Kiwi 798 calls Auckland but no answer, too early for this frequency at the moment MJ
8867	0044	Auckland provides a SELCAL check for Silverspeed 55 on GQAF. Aircraft is a Gulfstream V en route Sydney to Nadi MJ
8867	0432	Auckland calling Toll Freight 92 but no answer. Flight is on the ground at Norfolk Island and later heard at 1714 with Brisbane on 13261kHz being advised to squawk 4455 and monitor 124.95 MJ
8867	2340	NEW ZEALAND Auckland /Singapore 298 position report and Selcal

good 27/5 ABD
 8867 0730 Velocity 7 working San Francisco who advises crossing 20N primary is 5574 MJ
 8867 2320 AKL / SCVHOAA ADV / FL 410 Freq 13261 / 8867 25 / 5 RP
 8867 2305 AKL / JETSTAR 219 Freq PRI 8867 - 13261 CHCH 129-300 Reg Queens town wx runway dry temp 07. Q N H 1524 KPH ETC 25 / 5 RP
 8867 2312 SOUTHERN AIR 336, AKL Req CPDLC SC from FL 336 25 / 5 RP
 8867 2320 VELOCITY 110 AKL freq pri 5643 / 8867 @ Positionn Rigbey Cnt Brizcent Ref 5164 25 / 5 RP
 8867 2324 QANTAS 154 / AKL Position Report from RIG BY Pri freq 8867, 13261 Cnt BRISBANE 25 / 5 RP
 8867 2325 SINGAPORE 247 AKL / Reply loud and Clear CNT BRIZ E S T B DATA Link Coms Tones Confirm 25 / 5 25 / 5 RP
 8870 0920 USA San Francisco provides clearance for Dynasty 028 in Babelthaupt Island, Koror MJ
 8879 1115 Brisbane working GF19D with clearance to descend to FL320 and referring to position POSOD and 02N 092E MJ
 8906 1855 Channex 29RP (Tenerife to Birmingham) calls Santa Maria and requests clearance at FL360, max FL is FL360 and mach decimal 78 MJ
 8930 0816 An aircraft calls Stockholm Radio and requests a SELCAL check on LRGH. Comms were very weak and difficult to make out the callsign MJ
 8933 0735 ARINC San Francisco with phone patch to airline dispatch MJ
 8942 2045 HFDL position report from Laudamotion flight LDM565K LAT 40 41 53N LON 1 14 51E. Some nice propagation from Europe this morning MJ
 8968 2201 Possibly Saudi Airlines LDOC in Jeddah sending SELCA checks for some Saudi aircraft MJ
 10057 1129 Gander Radio with weather including Winnipeg MJ
 11253 0654 RAF VOLMET with Military Time Slot weather reports, very faint MJ
 11384 2203 Philippines 111 calls San Francisco and reports FL380 and estimates 12N 140W at 2115 MJ
 11396 2140 American 2478 talking to New York who advises back up frequency is 6577 MJ
 11396 2208 New York working Qatari 8917 advising Gander will be on 5616 MJ
 11396 0033 Solomon 701 working Brisbane MJ
 11396 0936 Air Nauru 401 talking to Brisbane MJ
 11396 1005 Brisbane working Air North 519 en route Dili to Darwin MJ
 13282 1048 Hong Kong VOLMET with weather for Hong Kong MJ
 13306 0238 Jetstar 117 reports positions to Brisbane. Aircraft is en route Bali to Perth MJ
 13318 0118 Brisbane calls a RNZAF P3K2 by SELCAL (KMEF) and advises they are cleared for operations below 9,000'. Aircraft is tail number NZ4205 MJ

CONTRIBUTORS

RP Roger Pryde, Dunedin Icom R70, Yaesu FRG communications receivers, coms/rec 20 mtr L wire WW2
 ABD Arthur De Maine, Ashburton Elad SDR 30ft long wire.
 ABD** Arthur De Maine, Ashburton Northland SDR
 AD Arthur De Maine Camp Iona, Herbert Elad SDR 5m EWE
 MJ Michael Jackson, Palmerston North SDRPlay RSP2 SDR with a Delta Loop

From **Michael Jackson** – He commented that the air bands had started to open up. He also commented that he had spent the summer tweaking his antenna by adjusting the shape of his loop and the matching transformers which seemed to improve reception.

From **Ken Baird** – Russian Doomsday Station - I very recently got an email from the BBC. It gave info on a strange Russian station which has been broadcasting a regular tone since the start of the Cold War. No one in Russia, Europe, USA know what it is about. It is assumed to be a “Doomsday Station” hooked into the USSR nuclear fleet. No signal, USSR has been attacked with atomic weapons and the USSR atomic weapons would be launched. It is very old and dilapidated but still works.

It is on 4625 KHz and cannot be heard in NZ on the NZDXL SDRs. I went on to <SDR.HU>, namely DL2SBA in Filderstadt in Germany. A good clear signal on 4625 at 2240utc - continuous bursts of tone as advised by BBC.

A very strange logging referred to you out of interest. I have had some strange loggings using <SDR.HU> further to my email of yesterday, checked Wikipedia and found 2 more. Went on to <SDR.HU> and logged them.

1) RUSSIA, 3828 (Night) at 2221 using German SDR DL2SBA, the “Squeaky Wheel” fair with clear tones. Sounds just like a squeaky wheel.

2) Also on RUSSIA, 3756 at 2236 using German SDR DL2SBA, “The Pip”, clear signal with good steady pips.

All thought to be associated with Russian Military.

Ken and I would be very interested in any comments.

From **Steven Greenyer** - The following from SARL web site: 40m Circular Polarized Beacon This afternoon a new 40 m beacon came on the air in Pretoria. It is somewhat unique in that it has circular polarized antennas and transmits on two frequencies.

The beacon is part of a project to study circular polarization on Near Vertical Incidence (NVIS) links.

I used the word “Antennas” (plural) because there are two of them, one Left Hand Circular Polarized (LHCP) and one Right Hand Circular Polarized.

The lower frequency transmits LHCP and the higher frequency transmits RHCP.

Currently the two frequencies are: LHCP: 7039.100 kHz RHCP: 7039.500 kHz

You may ask, why two frequencies? It is so that the two polarizations can be distinguished easily to allow measurement of the fading they experience. There are times when either LHCP or RHCP may fade out and you should be able to tell which by just listening to the different tones. They have been chosen to be within the audio bandwidth of an SSB receiver. Presently the beacon is in an early stage of testing in a temporary location.

One of the first things is to determine the extent of interference that it may be causing.

The SARL allocated a slot of 7039.000 to 7039.800 and the frequencies can be moved in that slot to avoid QRM. Some information about the beacon:

Transmitter Power: 2.3 W on each polarization.

Antennas: Crossed Inverted Vees with an Apex of 6m above ground.

Modulation: Morse sent at 12 wpm

Beacon message: V DE ZS6BTY/B LHCP 7039.1 RHCP 7039.5 KG44DE

The transmission repeats after a break of 3 seconds. The idea is to time synchronize it to start on the minute, every minute.

The transmitter frequencies are GPS stabilized and should be within a couple of hertz of the specified frequency once the GPS stabilization kicks in. This takes about a minute after initial start up following power down. In that time the frequencies may be off slightly. (I will try and minimize the start-up offset as soon as I get a chance).

Reception reports will be welcome.

73 de Vincent ZS6BTY

Thank you to all that contributed this month. ƆrtƆur

LADDERS & CONTINENTS



Editor
 Sutton Burtenshaw email
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 Hamilton

MEDIUMWAVE OPEN (Over 500)	A/NZ	Pac	NAm	CAm	SAm	Eur	Af	Asia	Cnt	Dec	Jun	Inc	
Ray Crawford	900	128	414	86	111	132	46	569	189	2390	2390	0	
Douglas Johns										1146	1146	0	
Sutton Burtenshaw	442	69	337	43	39	47	3	120	108	1102	1102	0	
David Ricquish	501	93	195	22	6	8	0	46	67	871	871	0	
Stuart Forsyth	490	34	118	14	23	93	1	38	75	811	819	8	
Bryan Clark										121	696	696	0

SENIOR (301 - 500)

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

FM-TELEVISION

Douglas Johns										1191	1209	12
Bryan Clark									6	164	164	0

SHORTWAVE OPEN (Over 500)

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

SHORTWAVE OPEN (Over 500)	A/NZ	Pac	NAm	CAm	SAm	Eur	Af	Asia	Cnt	Dec	Jun	Inc	
Ian Cattermole	314	613	664	352	395*	3626	509	1889	209	8362	8362	0	
Günter Jacob	305	366	365	172	202*	1931	551	1585	176	5482	5482	0	
Douglas Johns										3223	3223	0	
Ray Crawford	178	111	186	120	274*	929	282	565	233	2645	2646	0	
John Durham	116	95	224	113	152*	983	252	551	266	2504	2511	7	
Bryan Clark										244	1634	1636	2
Stuart Forsyth	62	32	16	16	34*	216	53	212	115	652	654	2	

UTILITIES

Douglas Johns										37353	37453	100
Günter Jacob									14	18	18	0

COMMENT:

Another period has come to a close and we find **STU FORSYTH** prevailing in the **MEDIUMWAVE OPEN** section. Unfortunately the **SENIOR** section was uncontested. For **FM-TELEVISION**, **DOUGLAS JOHNS** was the top scorer. **SHORTWAVE OPEN** goes to **JOHN DURHAM** however there were no entries in the **JUNIOR** section. In the **UTILITIES** division **DOUGLAS JOHNS** has a winning total.

We are half way through the year already so I guess some of us, in the coming months, will be listening for Pacific and Asian stations, amongst others, to add to our logs. Best DX to all.....Sutton.

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< www.ontheshortwaves.com> Update, May 26, 2019 -- This time, under "DX History/ Lists, Logs, Guides & Columns," we have posted the April 1941 "Silvertone Radio Time Table and Log" from the Silvertone-brand parent company, Sears Roebuck. It includes both world shortwave and North American mediumwave listings, plus "Notes on Successful Short Wave Tuning." -- In addition, under "Specialized Resources/The DX Recordings of Colin Miller," you will find two new Nigerian recordings: (1) FRCN, Kaduna, 6175 kHz, Aug 1979, 0430 s-on, and (2) Plateau Broadcasting Corp., Jos, 5965 kHz, Aug 1979, 0430 UTC s-on. -- And under "Specialized Recordings/Wavescan," there are these six new entries from Adrian Peterson: (1) "Anniversary of the Sinking of the Titanic: The Wanamaker Radio Stations-2 [WHI, WWZ]" (Wavescan N530, April 21, 2019). - (2) "The Radio Scene on Disputed Diego Garcia-2 (and Nearby Boddam Island)" (Wavescan N531, April 28, 2019). - (3) "The Island of 500 Shipwrecks: The Radio Scene on Sable Island [Canada]" (Wavescan N532, May 5, 2019). - (4) "The Shortwave Station in England that Refused to Die: The Woofferton Story-1" (Wavescan N533, May 12, 2019). - (5) "Unusual Amateur Callsigns" (Wavescan N533, May 12, 2019). - (6) "The Titanic Story: The Carpathia to the Rescue" (Wavescan N534, May 19, 2019). Thanks, Colin and Adrian.

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, 26th June**, 12.45pm

Beach Babylon Cafe, Oriental Bay, Wellington

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





On the shortwaves.com

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

< www.ontheshortwaves.com> Update, April 28, 2019 -- Under "DX History/Equipment & Advertising," we have posted a brochure in French and English from Westinghouse, describing their "World Cruiser" line of receivers. This must be from around 1934, as an advertisement for the radios appeared in the November 1, 1934 issue of Maclean's Magazine (from the Duke University Libraries Digital Repository).

< www.ontheshortwaves.com> Update, May 5, 2019 -- We have posted another scan of a group of radio trinkets, this one "Trinkets-VII," under "DX History/Stations." These are from stations in the Spanish-speaking Americas. They are (in this order in the PDF): (1) LS5, Radio Rivadavia, Argentina, 1989. -- (2) CMCD, Cuba. -- (3) Instituto Cubano de Radio y Television, 30th Anniversary of Radio Rebelde, 1988. -- (4) Radio Rebelde, Cuba, 25th Anniversary. -- (5) Radio Havana Cuba. -- (6) Radio Farabundo Marti, El Salvador. -- (7) XEW, Mexico City. -- (8) Radio Nacional del Peru, 1951. -- (9) An unidentified Radio Union, which I am guessing belongs to one of the stations with that name in the Americas. -- And (10) a billfold from Circuito CMQ, Havana, Cuba. -- In addition, we have added two more items to our USCGC Courier page < http://www.ontheshortwaves.com/USCGC_Courier/Courier.html> -- a second cigarette lighter bearing a Courier logo, and a second Courier cloth patch. These are under "Other Items," and marked "New". -- And under "Specialized Resources/Active-Inactive SWBC Countries," we have updated the list. The current countries status: Of the 266 radio countries on the NASWA list, 113 (plus 3 "pirate only" countries) are active, 150 are inactive.

< www.ontheshortwaves.com> Update, May 12, 2019 -- Although it is now part of deep shortwave history, WRUL was one of the most famous American shortwave stations. It started out in Boston as W1XAL, later becoming WNYW, and was well known for its educational programming. For a time during the years 1938-41, WRUL published a good-looking monthly magazine called The World Wide Listener. Under "DX History/QSLs & Other Station Memorabilia," we have posted a short writeup about The World Wide Listener, together with two copies of the magazine, one from 1939, the other from 1940. -- Online we have also come across an interesting file of WRUL items. It is in the digital collections of the University of Massachusetts-Amherst and can be viewed at < <http://credo.library.umass.edu/view/full/mums411-b018-f091>>

< www.ontheshortwaves.com> Update, May 19, 2019 -- You may not have heard of the Anglo-American Caribbean Commission, or the West Indian Radio Newspaper, but you definitely know about WRUL. Read more about all three in "WRUL and the West Indian Radio Newspaper" under "DX History/Stations."

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