

	<h1>New Zealand DX Times</h1> <p>Monthly Journal of the New Zealand Radio DX League (est 1948) August 2018 Volume 70 No. 11</p> <p><a href="http://www.radiodx.com">http://www.radiodx.com</a></p> 	
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*Hello and Welcome to the August edition of the DX Times.*

August has rolled around already and I can't believe I have been back in the country a month already. Welcome back too to **Gary deBock**, a renowned ultra-light DXer, developing innovative portable antennas that can turn small portable radios into powerful MW DX machines, and travelling to remote coastal locations for his DX fixes! He even has an article on radiodx.com from 2013! Gary has had a year out and is now back with us.

From the President comes this: **ANNUAL GENERAL MEETING** – the League's 70th Annual General Meeting will be held on **SUNDAY 14TH OCTOBER 2018** at Lochlea Lifestyle Resort, 25 Charlesworth Drive, Allenton, Ashburton commencing at 2.00pm. Further information in the September DX Times.

Remits and nominations for National Office Holders to National Secretary by the 28th of September 2018. Nominations forms will appear in that issue.

**We apologise** to those members that did not receive the July issue of the DX Times until they had advised us that they had not received a copy. We are sure that everyone now has that issue. **A reminder to members** to please advise the National Treasurer of any change of address or change of e-mail address. If you have two e-mail addresses please use the one that League holds in its membership database when corresponding with league officials.

As Maureen and I meandered our way north in my old car from Christchurch we stopped off at the Kapiti Cheese and Ice Cream place, or rather, as we discovered, where it used to be. However, all was not lost as I discovered the home of Beach FM!



**Deadline for next issue is Wed 29th August 2018. P.O. Box 178, Mangawhai 0540**

**CLOSING DATES FOR THE NEXT  
3 MONTHS 2018**

**September Wednesday, 29th August**

**October Wednesday, 26th September**

**November Wednesday, 31st October**

**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.**



*All images used in this magazine come from  
personal scans/ photos, station websites or  
via Google Images*

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

<http://sdr1.radiodx.com:8073>

<http://sdr2.radiodx.com:8073>

You will need the password - write to  
[nzrdxlsdr@gmail.com](mailto:nzrdxlsdr@gmail.com) for details.

### Sun Spots

Unlike a leopard, our sun **CAN** change its spots, and does so, in fact it is now some 3 weeks without spots - sun spots that is.

The sun has been blank for 21 straight days--a remarkable 3 weeks without sunspots.

This is an almost decade-class event.

The last time the sun lost its spots for 21 consecutive days was in the year 2009 coming on the heels of an historic solar minimum. Prior was the Maunder minimum between 1645 and 1715, when hardly any sunspots were observed.

With the current stretch of blank 'suns,' solar minimum conditions have definitely returned.

Visit [Spaceweather.com](http://Spaceweather.com) to learn more about solar minimum and find out what it means to us mere earthlings.

Thanks to Life Member Ray Crawford  
and the WIANews



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

They can be found at

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

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### NEW ZEALAND RADIO DX LEAGUE (Inc)

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

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For localmembers you can make payment to -

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Make sure your name is included

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## 70 Years Ago



**'NEW DX ORGANISATION FORMED'** was the front page headline in the August 1948 edition of 'DX Bulletin NZ': "At an enthusiastic gathering of Otago and Southland dxers held at Invercargill on August 15 the following motion was passed: Although considering that one DX organisation in New Zealand is preferable, having explored all possible means of amalgamation, the basis offered has not been satisfactory and it is resolved to form a new and active DX organisation. Full details will appear in our next issue."

Also headlined was the upcoming reshuffle of MW frequencies and station calls in NZ and Australia on 1 September 1948, and the arrival of QSLs from Percy Stevens of 2ZM and 9PA verified by the ABC. The Broadcast Trail lists the best North American signals as all-nighters KXLA 1110 and KHJ 930, KPOA 630 after 8, KGMB 590 till midnight, WAKR 1590 opening at 9.30, XERF 1570 signs off at 7 and reopens at 10, KOWL 1580 signing on at 1, WOAI 1200 opening at 11.45, KOMO 1000 signs off at 7, KSTP signoff 8.30, KOMA 1520 opens at 11, KSO 1460 signoff at 7, and KRLD 1080 after 6. *[Local NZ times were used in the Bulletin. Ed]*. In the 'Kings of the Kilocycles' mailbag section there were 24 contributors, 15 from Otago/Southland, 3 from Auckland, and 1 a piece from Hilderthorpe, Christchurch, Wellington, Waipukurau and Adelaide.

The Shortwave Trail in August 1948 featured new South American stations and frequencies including Honduran stations HRN on 5940 and HRA on 9045, both signing off at 4pm, OAX2A Trujillo Peru on 6000, HI1Z Dominican Republic 6115, La Voz de Centro America in Guatemala opening at 1215am on 6295, a mystery Nicaraguan on 6300, other Managua stations on 8170 and 8320, and HC4MN La Voz de la Democracia, Ecuador on 9870. Most of these stations were reported by Des Hickey of Petone, who also celebrated with QSLs from LRA1, LRM, YV1RV and CP15. Arthur Cushen also had some interesting QSLs including ZBW Hong Kong on 9520, KZCA Austria 7220 with 300 watts, Radio Stuttgart 6180 with 900 watts and CS2WD Emisora Catholica Portuguesa 6155 with 500 watts. Contributors to the Shortwave Mailbag came from Southland 3, Otago 3, Christchurch 3 and 1 a piece from Wellington, Auckland and Adelaide.



(image courtesy radioheritage.net)

# MAILBAG

Editor

Theo Donnelly

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As I've mentioned many times, it's always great to receive all your contributions, but occasionally one comes along as a reminder of how the 'Times' keeps members in touch even if active DXing isn't possible.

**Paul Friedrichs on the Hibiscus Coast** sent in a surprise update, mostly as a personal message. "Hallo, Theo. You have not heard from me for ages, but I was in touch with you years ago. Since then I am nearly 92 years old. My wife and I are in a retirement village so no more DXing. Not allowed antennas anymore but I am still a member of the DX club so still able to keep in touch and see what is going on. How are you Theo? You must be getting on too because you have been on Mailbag for a long time now. Yes the time keeps ticking on! I wish you all the best. Your old Dutch friend, Paul Friedrichs." *(Paul, I don't know about the 'getting on' bit! But it is excellent to hear from you. Don't wait so long next time.)*

**Edward Kusalik from Daysland, AB** is another playing catch-up. "Greetings from the sunny skies of Alberta. After a strange conditions where in March the temperatures were minus 20's in the first two weeks and then following week temperatures of plus 30 resulted in our streets being badly broken up. But conditions are back to normal. I've managed to receive some interesting replies for stations such as AWR via Sofia-Kostinbrod, where the postal QSL card reply was postmarked in Thailand! AWR via Talata-Volondry, Indian Ocean Studio replied within seven hours for reception on 6065 kHz. Received a very nice QSL card from Radio Free Asia, showing the IBB Lampertheim relay site for 7530 broadcasts in Vietnamese. One that was long delayed was from Nippon no Kaze via WHRI, 9960 with a nice QSL folder sent by regular mail. Another surprise was for the Nigerian clandestine Radio Dandal Kura on 5960 via the Ascension Island relay, a very attractive QSL/information e-mail folder in just two hours after posting a report to the relay station. The staff are very friendly and appreciate reports. That concludes some of the highlights for the past few months." *(Ah, the good ol' Canadian conversation standby, the weather. Be careful what you ask for: it snowed in Calgary in the middle of August – that's mid-summer -- a year or three back.)*

**Rob Shepherd in Toowoomba, QLD** is turning into our regular-as-clockwork guy. "Atmospheric conditions remain challenging in my location, now a month past our winter solstice. Highlights for the past month include hearing U.S. pirate WDDR via the League's SDR on 6950 kHz USB in early July. It signed-off at 0515 UTC with 'See you later from WDDR Radio ... Goodbye'. Also heard in the last month was Peruvian 'Radio La Voz del Pueblo' on 4920.5v OAW2H also via the League's SDR at around 0800 UTC. In an attempt for an e-QSL I've sent a follow-up reception report to Milan Radio International in Italy for their broadcast of Southern Rock Connection (NZRDXL) on 6970 kHz USB on 9th April 2018." *(Congratulations on that 'new' Peruvian – you seem to have been the first to alert us via <dxdialog>. Not much chance of my hearing it till much later in the year, if ever.)*

**Ray Crawford from Hodgeleigh, QLD** is heading out again into nomad's land. "Hi Theo. We are off next Tuesday to South Australia in the caravan and will be back home on 12th September. At least two railway places to look at: Peterborough rail museum and the rail museum in Adelaide. We have been to the Adelaide one before but that was in 1998, so a return visit is required. Had a few listens during the month and logged CHHA 1610 which came up out of the mixture at 0834 UTC for six minutes with a nice EE identification and then a couple of commercials before going back under the other stations -- heard on my NE EWE but was better on my 40m delta loop. Sent an email report but nothing back yet so only hope they have responded with a snail-mail reply. A lone QSL in from Ozy Radio 4835." *(I might be wrong but I don't recall anyone being successful with CHHA. Maybe Tony Ward could be asked to visit? It's too far for me though the train ride there and back wouldn't be sneezed at. <g>)*

**John Durham, Tauranga** has a fair list of successes to report. "Hi Theo. Have had a few QSLs in since the start of the year: HCJB Quito 6050; Key Radio, Italy 6915; 4KZ Innisfail 5055 and Ozy Radio, Camden 4835; FG Radio, Cyprus 9955 and Southern Rock 7730, both via WRMI Okeechobee; Radio Oberlausitz 6070 via Rhodorf, Germany; Radio Aparecida, Brazil 6135; Radio Mustang, the Netherlands 6367; and Charleston Radio International, Germany 5140 kHz. Reception was quite interesting from around 7-15 July with a few European pirates making it to NZ. Bought an 'El Cheapo' SDRPlay RSP2pro a couple of weeks ago and have been quite impressed with it. Check <eHam.net> for some reviews about it. Still learning to drive it! Sick of the cold weather and looking forward to spending a few weeks in and around Perth in late September/early October. Didn't want to come home from Cairns last year but i have left it a bit too late in life to make a big change." *(Good to see a Brazilian in amongst those veries. Cold (?) in Tuh-rang-guh, as friends insist on pronouncing it after several cruise calls...)*

**Stu Forsyth, Mangawhai** (or is it Auckland? - *Mangawhai, definitely Mangawhai! - Stu*) has a lot to say after his first month back home. "Hi Theo. After a period of silence, I am back. Maureen and I completed our move back at the start of the month. We were home for a few days and then went to Christchurch to pick up my car. We drove slowly north and were staggered by the scale of devastation on the Kaikoura SH1 road and the scale of the work already completed by the relevant authorities. We lounged around Nelson and Blenheim for a few days and then crossed to the North Island. Stops in Palmerston North and Tauranga then led us to lunch with Sutton and Kay Burtenshaw in Hamilton. It was wonderful to catch up with them again. Loaded with oranges from their tree we headed north to Mangawhai to attend a Bastille Day dinner with Bryan and Sandra Clark at the local French café. I set up my portable 3m EWE and could see all sorts of signals on the 10 kHz spacings, but couldn't hear a lot. Finally I erected my 5 metre EWE, pointing south east-ish and was rewarded with poor conditions on the night I was able to listen. However, I clearly heard Radio Capital in Lima on 1470, so all was not lost. Alas it was then time to move down to Auckland to set up home for our working life. There is a very large stand of bamboo at the bottom of the property that will make very suitable antenna poles. I need our shipment to arrive from KL first - it contains vital equipment. I have had some veries back too - AIR 5010, 7550, & 9445 via Bengaluru and Thiruvananthapuram and Voice of Turkey on 5960 and 9460. Reports out - nil - as of this moment." *(Working lives? I thought you were joining the rest of us as Superannuitants. And a car from Chch... I hope someone had been driving it a bit over the years.)*

**Bryan Clark, Mangawhai** is definitely anchored there. "Hi Theo. Shortwave continues to surprise - a new tropical band station from South America appeared on 4921 kHz on 5 July and I heard it regularly from 7 July until 14 July - but not since. Turns out this was Radio La Voz del Pueblo in Peru which WRTH has listed on 4910. Then the Voice of Indonesia began rebroadcasting on 3325 in the tropical bands after losing its main transmitting site - now they are only heard on RRI Palangkaraya, the only remaining SW operation in the country - an easy log here after Bougainville closes on the same frequency. Thanks to a tip from John Durham posted in the League's 'DX Dialog' chat group I was able to log Europirate Charleston Radio International on 5140. Quite a few logs on MW to be reviewed but the radio shack is a bit chilly at this time of year!" *(Yes, I immediately noticed that Peruvian is listed in my 'current' 2016 WRTH. It seems the signal was quite good so I wonder if they've installed a new tx with more than 1 kW.)*

The column's all about keeping up and telling tales, as you'll have read. Looking forward to next month's effort from all of you. As I was about to zap this to The Boss, I notice we're missing any news from the Mainland? Mind you, the Pacific-Asian Log's editor, Bruce Portzer, just reminded me there are moose in Fiordland so I'll include that snippet as island balance. 73, Theo

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### R.I.P. Adrian Cronauer

As many will have seen in DX Dialog Martin Hadlow informed us that **Adrian J. Cronauer**, the American Forces Vietnam Network (AFVN) announcer around whom the 1987 Hollywood film Good Morning, Vietnam was very loosely based, has passed away in the USA. He was 79. Cronauer was a Sergeant in the US Air Force and was first assigned as a radio/TV specialist to the AFRTS station in Iraklion, Crete. He then transferred to Vietnam (1965-66) and was very successful as a DJ on AFVN Saigon. In recent years, Adrian visited Australia and I was often in touch with him on various matters relating to the history of the AFRTS. He was also very much involved in the US search for MIAs (soldiers still Missing in Action in Indochina). After Vietnam service he studied law and became a media and communications lawyer in the USA.



Adrian J Cronauer  
(September 8, 1938-July 18, 2018)

# BANDWATCH UNDER 9MHz



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

**email nzrdxlander9@gmail.com**

If you've made it this far, congratulations! It can only get better as Spring approaches. As usual, we have some impressive loggings for you to hunt out as the weather and temperatures improve, but we always need more. So do get details of your listening in for our famous September column. Remember to show loggings as tentative if you don't get a clear ID, or if there's any doubt, and always provide as much detail as you can, including the date and language of the broadcast, while keeping your notes concise.

<b>kHz</b>	<b>UTC</b>	<b>Country, Station, Programme, &amp; Reception Details</b>
2850	1750	NORTH KOREA KCBS fair with music prgm 18/7 BH**
3325	0909	PAPUA NEW GUINEA NBC Bougainville exc w/ NBC national news & weather, into local news in Pidgin, promos for 99.5 FM & 3325 shortwave 7/7. BCM
3325	1300	INDONESIA Voice of Indonesia via RRI Palangkaraya vgd, clear in EE 7/7. Now that the main external service transmitter site has closed, this is the only way to hear Indonesia and VOI on SW! BCM
3325	1720	INDONESIA Voice of Indonesia fair in SS 21/7 JD
3325	1740	INDONESIA RRI Palangkaraya in Indonesian with music 18/7 BH**
4765	0350	CUBA Radio Progreso poor w/Latin vocals, news headlines & closing anncts, patriotic song and short sung anthem till 0402 5/7. BCM, also 0350 20/7 JD**
4905	1645	TIBET PBS Xizang good in EE with "Holy Tibet" // 4920 also good 18/7 BH**
4920.7	0800	PERU Radio La Voz del Pueblo OAW2H, Santiago de Chuco, Trujillo, continuous mx, no amnnt, first heard 08/7, not heard since 17/7 08/7 RS**
4921a	0410	PERU Radio La Voz del Pueblo, Santiago de Chuco (later ID'ed by Peruvian DXer) first noted 7/7 w/non-stop Latin vocals & folksongs all evening. Occasional shouted refs to Peru. Measured at 4920.78, last hrd 14/7 at 1000. Missing late July, BCM
4930	1713	BOTSWANA VOA Studio 7 in Shona, ID & freq announcements 18/7 BH**
4940	0840	CHINA Voice of the Strait "Focus on China" in EE (maybe only weekends) 18/7 BH**
4950	1730	INDIA AIR Kashmir fair w/EE news // 4970 Shillong poor & 5040 Jeypore 18/7 BH**
4960	0525	SAO TOME VOA in Hausa, switching to French at 0530, fair but noisy QRM 12/7. BCM
5025	0615	CUBA Radio Rebelde good, SS with music 11/7 BC
5055	2110	AUSTRALIA 4KZ poor in EE with local news items 25/7 JD**
5140	1945	EUROPEAN HOBBY PIRATE Charleston Radio International noted at weak level most days since 13/7 w/eclectic music offering, frequent anncts. BCM
5140	1957	GERMANY Charleston Radio International poor, peaking around this time with old time dance music 08/7 JD**
5830	1500	NORTHERN MARIANAS RFA poor in Korean via Tinian Island 6/7 BDW
5900	1825	BULGARIA Bible Voice via Kostinbrod fair in Arabic 15/7 BC
5975	0505	AUSTRIA NHK World Radio via Moosbrunn fair in EE, world news 27/7 BC



6000 1830 RUSSIA Adygeyan Radio Adygey via Armavir in local languages with music 14/7 BC

6010a 0514 BRAZIL Radio Inconfidencia good clear signal 15/7 (usually weak) w/popular vocals in PP on 6010.038. No trace of co-channel Colombia. BCM

6015 0400 TANZANIA/ZANZIBAR ZBC Dole in clear w/drumbeats, time pips & news in Swahili, mention of "ZBC" 8/7. Freq clr from 0400 after CRI 6020 closes. BCM

6050 0600 LIBERIA ELWA Monrovia w/familiar tuning signal and s/on, poor and soon became unreadable due atmospheric 11/7. BCM

6070 0437 GERMANY The Overcomer (Brother Stair) via Rohrbach fair w/preaching, covering CFRX 25/7. BCM

6105 0250 FRANCE R Japan relay good in JJ 01/7 BH\*\*

6110 2020 ETHIOPIA R Fana in Oromo with apparent musical request prgm 03/7 BC

6115 2020 JAPAN R Nikkei strong in JJ with pops 23/7 IDW\*\*

6120 0330 AUSTRIA AWR Moosbrunn poor in Farsi 30/6 BDW

6135a 0903 BOLIVIA Radio Santa Cruz, Santa Cruz on abruptly w/sung ident then lengthy anthem, measured 6134.89. Poor due North Korean jamming co-channel 9/7. BCM

6145 0505 SOUTH AFRICA Ch. Africa via Meyerton in EE, news of World Cup 29/6 BC

6155 0440 GERMANY AWR via Nauen, FF to North Africa 18/7 BC

6267 2001 NETHERLAND R Mustang. Poor to S/off in EE & Dutch 2010.13/07 JD\*\*

6950 0500 USA WDDR hobby pirate with male DJ, pop music, Pete Seeger songs, s/ off 0515 with "See you later from WDDR Radio, goodbye" 08/7 RS\*\* also ADM\*\*

7120 1950 SOMALIA Radio Hargeisa exc signal w/talks in local lang. Closed at 2001 12/7 an hour later than in the past. BCM

7360 1728 TURKEY TRT poor in French 12/7 BDW

7375 0300 ROMANIA R Romania Int good w/EE news 01/7 BH\*\*

7375 2000 GUAM KSDA poor in Russian 5/7 BDW

7505 0415 USA WRNO fair in EE with pop music 01/7 BH\*\*

7530 1438 NORTHERN MARIANAS RFA poor in Ughur via Tinian Island 4/7 BDW

7730 0340 USA WRMI good w/EE gospel prgm 01/7 BH\*\*

7730 0832 USA WRMI Okeechobee fair in Ee, DX prgm 26/6 BC

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.

### Contributors

<b>ADM**</b>	Arthur De Maine	Ashburton	Using the League's Northland SDR
<b>BC</b>	Brian Carr	Christchurch	Icom R70, EWE antenna, 180' wire
<b>BCM</b>	Bryan Clark	Mangawhai	WinRadio G3DDC and AOR7030+, EWEs to North, Central & South America.
<b>BDW</b>	Brian Webb	Upper Hutt	DE-1103 & AR-1733 with whips
<b>BH**</b>	Barry Hartley	Auckland	Using the League's Northland SDR
<b>IDW**</b>	Ian Wells	Mosgiel	Using the League's Northland SDR
<b>JD</b>	John Durham	Tauranga	PlayRSP2pro with Eavesdropper Dipole ** Using the League's Northland SDR
<b>RS**</b>	Rob Shepherd	Toowoomba, QLD	Using the League's Northland SDR

Contributions to this column may be sent to [nzrdx1under9@gmail.com](mailto:nzrdx1under9@gmail.com) or direct to the editor, Ian Wells, at [iwellsnz@gmail.com](mailto:iwellsnz@gmail.com) or via snail mail to P O Box 178, Mangawhai 0540.

# BANDWATCH OVER 9MHZ



Editor

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Freq	UTC	Country, Station, Programme, & Reception Details
9410	0127	UZBEKISTAN, BBC. Fair in English, promo for 'Proms' – 17/7 KB
9410	0525	MADAGASCAR, BBCWS, Fair at best in EE, far from clear with talk. 17/7 SMF
9420	0313	GREECE, VOG. Fair in Greek. MA, mx Jazz & class; 0400 nx Trump/Putin -17/7 KB
9440	0300	OMAN, BBC. Fair/poor in English, nx – 17/7 KB
9490	0218	FRANCE, R.Republica. Fair/good in Spanish – 17/7 KB
9490	0325	GERMANY NHK World via Nauen here in JJ at fair level past 0440 4/7. Was trying for R. Republica via Issoudun sched. on this freq but not heard. BCM
9490	0420	FRANCE, R.Republica. Good in Spanish – 2/7 BC
9510	0102	UZBEKISTAN, BBC. Fair in Hindi; svr1 IDs - 17/7 KB
9515	0258	TURKEY, TRT. Excellent in English – 18/6 BDW
9515	0305	TURKEY, VOT. Fair/good in English, nx/sport, ID, mx – 17/7 KB
9535	0403	CUBA, RHC. MA, mx. Poor to start, Fair by 0430 – 16/7 KB
9540	1436	TURKEY, TRT. Very good in Arabic – 18/6 BDW
9570	0330	ALBANIA, CRI. Fair/good in Chinese; off 0359 – 16/7 KB
9570	1920	EGYPT Radio Cairo good steady signal in GG w/frequent idents 12/7. BCM
9580	1534	UZBEKISTAN, AWR (TAC), Fair in Kannada – 19/6 BDW
9650	0700	NORTH KOREA Voice of Korea tuning signal then s/on in JJ w/ anthem, good signal. No sign of co-channel Guinea 16/7. BCM
9655	0304	GERMANY, AWR (NAU). Poor in Tigrinya – 21/6 BDW
9655	0330	UAE, TWR Africa, S6-S7, relig in Sidamo Wed/Thur only; s/off, I/S 0345 – 11/7 RS**
9800	2320	CHINA, CRI. Poor in Spanish – 23/6 BDW
9810	1929	IRAN VOIRI Teheran w/EE ident as "This is IRIB English Media", news at 1930, good signal // 9800 12/7. BCM
9840	1536	TURKEY, TRT. Good in Turkish – 12/7 BDW
9875	1440	CHINA, CRI. Excellent in English – 22/6 BDW
11676	0215	CUBA, RHC. Fair in Spanish – 29/6 BC
11780	1955	BRAZIL Radio Nacional da Amazonia w/ poor signal in PP, short news at 2000, "Radio Nacional" ident 2003 20/7. Rarely heard here these days, power must be well down on listed 250kw. BCM**
11905	0904	CHINA, CRI. Excellent in English – 21/6 BDW
11925	0127	SRI LANKA, AWR (TRM). Good in Mandarin; Cantonese from 0130 – 13/7 BDW
11955	2200	GUAM, AWR (SDA). Poor in Indonesian – 12/7 BDW
11980	0420	TURKEY, VOT (EMR). In Turkish, good, songs – 11/7 BC
12000	0220	CUBA, RHC. In Spanish – 4/7 BC
12095	0406	OMAN, BBC (SLA). In English, nx, Trump's tax on BMW cars– 30/6 BC
12095	0515	SOUTH AFRICA, BBCWS (supposedly). Fair/ good with man talking. Supposed to be in EE but didn't sound like it! //13580 (Al Dhabbiya) not as

good. 17/7 SMF  
 15030 0235 INDIA, AIR (BGL). In Kannada + songs – 30/6 BC  
 15090 0115 THAILAND, VOA Deewa R (UDO). In Pashto; talking + songs – 14/7 BC  
 15320 2234 GUAM, AWR (SDA). Poor in Javanese – 12/7 BDW  
 15400 0230 AUSTRALIA, RBA (KNX). Trouble with prgm. ID in EE, relg; songs – 9/7 BC  
 15440 1402 AUSTRIA, AWR (MOS). Fair in Urdu – 5/7 BDW  
 15710 0225 CHINA, CNR 6. In Amoy + songs – 13/7 BC

### Contributors

<b>BC</b>	Brian Carr	Christchurch	ICR R-70, EWE, 180 ft Wire
<b>BCM</b>	Bryan Clark	Mangawhai	WinRadio G33DDC and AOR7030+ EWEs to North, Central & South America.
<b>BCM**</b>	Bryan Clark	Mangawhai	NZRDXL SDR, Russell, Bay of Islands
<b>BDW</b>	Brian Webb	Upper Hutt	DE-1103 & AR-1733 with whips.
<b>IC</b>	Ian Cattermole	Blenheim	NRD-535, EWE
<b>KB</b>	Kel Brayshaw	Levin	2 x PL-660s, Whips linked.
<b>RS**</b>	Rob Shepherd	QLD, Australia	NZRDXL SDR, Russell, Bay of Islands
<b>SMF</b>	Stu Forsyth	Mangawhai	WinRadio G33DDC and 3m EWE

Your contributions much appreciated

73  
*K. Brayshaw*

## BRANCH NEWS

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

### WELLINGTON BRANCH

The next Beach Babble will be on **Wednesday, 29th August**, 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 take place on **Saturday 22nd September** from 2-4pm  
 at Ian Wells' home, 16 Fenty Place, Mosgiel.

We're always happy to welcome new members – for further information, contact Ian on 021 2987146 or David Miller 03 4763224. If possible, let Ian know that you're coming or, in the case of regular participants, if you're not able to be there.

# ENGLISH IN TIME ORDER

Editor

Yuri (George) Muzyka  
Auckland

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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
0127	9410f	BBC	UK	17-Jul	KB
0230	15400	RBA	AUSTRALIA	9-Jul	BC
0258	9515e	TRT	TURKEY	18-Jun	BDW
0300	7375g	R Romania Int	ROMANIA	1-Jul	BH
0300	9440p	BBC	UK	17-Jul	KB
0305	9515g	VOT	TURKEY	17-Jul	KB
0340	7730g	WRMI	USA	1-Jul	BH
0406	12095	BBC	UK	30-Jun	BC
0415	7505f	WRNO	USA	1-Jul	BH
0505	5975f	NHK World Radio	JAPAN	27-Jul	BC
0832	7730f	WRMI	USA	26-Jun	BC
0840	4940	Voice of the Strait	CHINA	18-Jul	BH
0904	11905e	CRI	CHINA	21-Jun	BDW
1300	3325g	Voice of Indonesia	INDONESIA	7-Jul	BCM
1440	9875e	CRI	CHINA	22-Jun	BDW
1645	4905g:4920g	PBS	TIBET	18-Jul	BH
1730	4950f:4970p:5040	AIR	INDIA	18-Jul	BH
1929-1930	9800:9810g	VOIRI	IRAN	12-Jul	BCM
2110	5055p	4KZ	AUSTRALIA	25-Jul	JD



# SHORTWAVE REPORT

Editor

John Durham  
Tauranga

email  
nzrdxshortwave@gmail.com



## AFGHANISTAN

Reception of Radio Afghanistan Ext. Service June 14  
1535 6100 YAK 100 kW 125 deg SoAS English, weak to fair signal  
1610 6100 YAK 100 kW 125 deg SoAS Urdu, 11 min. dead air, fair  
1633&1705 6100 YAK 100 kW 125 deg SoAS Arabic&Russian, fair to good  
from 1706 6100 YAK 100 kW 125 deg SoAS open carrier / dead air & off  
(Ivo Ivanov-BUL, hcdx via wwdxc BC-DX TopNews June 19)

## CHINA

9820 kHz, Beibu Bay Radio, 1136-1310 UT, July 12. Mostly in Chinese and Vietnamese; EZL pop songs; each ToH Chinese and English time checks for Beijing time. Has been a long time since I last checked this frequency, as in the past it was always found with stronger stations blocking reception, but not so now; nice clear frequency and good signal; occasional IDs in English; // 5050 kHz. July 13, with "Showtime"(?) music show, playing top ten songs; fair. (Via Ron Howard-CA-USA, direct and dxld July 16)

## GERMANY

6180, Deutscher Wetterdienst, Pinneberg, 2005-2012, 19-07, German weather report. 25232.  
6190, Hamburger Lokal Radio, Goheren, \*0600-0700, 21-07, English, id. "Hamburger LokalRadio", program "Media Network Club", at 0630 Glenn Hauser's program "World of Radio". Very weak. 15221 ( both logs in Reinante via Manuel Méndez Lugo, Spain.)

## FRANCE (non)

Télédiffusion d'Algérie via TDF Issoudun on July 26  
from 0504 on 7295 ISS 500 kW / 194 deg to NWAf French, very good  
from 0504 on 9535 ISS 500 kW / 162 deg to CEAF French, very good  
from 0605 on 9620 ISS 500 kW / 194 deg to NWAf Holy Quran, Good:  
( via swldxbulgaria.blogspotcom/2018/07).

## GUAM

FEBA Radio is now via KTWR Agana, ex via SLBC Trincomalee  
1315-1345 on 11580 TWR 200 kW / 290 deg to SoAs vary as follows:  
1315-1330 Telugu Mon/Tue; Malayalam Wed-Sat; Kannada Sun 1330-1345 English Mon;  
Tamil Tue/Wed and Kannada Thu-Sa (swldxbulgaria.blogspot.com/2018/07)

## GUINEA

Good signal of Radio Guinée Conakry on July 25 from 0715 on 9650 CON 050 kW / non-dir to WeAF French ( swldxbulgaria.blogspotcom/2018/07).

## INDIA

Happy to inform that the 2nd new 100 kW SW transmitter from Delhi is noted on air for the last few days. The full schedule of the two new 100 kW transmitters from Delhi is as follows:  
4870 0230-0330, 1430-1530, 1330-1430 Nepali (Nepal)  
7250 0830-1130 Urdu (Pakistan), 1130-1140 HS  
7380 0100-0200 Sindhi (Pakistan)  
7505 0130-0230 Nepali (Nepal) 0230-0245 Hindi HS, 0245-0300 English HS  
7555 1215-1330 Tibetan (China), 1330-1430 Nepali (Nepal), 1515-1530 HS Hindi, 1530-1600 HS English  
9835 0000-0045 Tamil (Sri Lanka)  
9950 0700-0800 Nepali (Nepal)  
9950 0830-1130 Urdu (Pakistan) 1130-1140 HS, 1215-1315 Burmese (Myanmar)  
11620 0700-0800 Nepali (Nepal)  
(Jose Jacob-IND VU2JOS, June 24, DXindia yg / direct / dxld June 26)

### **JAPAN**

Radio NIKKEI announced in their HP <<http://www.radionikkei.jp/news/denpa.html>> that they will reduce the frequencies after October 1, 2018, for the stability and effectiveness of the management.

They say the diffusion of internet listening by PCs or portable phones on <<http://radioko.jp>> is another reason. The schedule after October 1 is as follows:

1st program 2200-1500 6055 (Nagara transmitter site JOZ2 50kW) 2200-2300 0800-1500 3925 (Nemuro transmitter site JOZ4 10kw)

2nd program 2300-1000 6115 (Nagara JOZ6 50kW) 1000-1400 3945 (Nagara JOZ5 50kW) 9595 kHz (Nagara JOZ3 50kW) will be out of service but will be preserved for emergency use.

9760 kHz (Nagara JOZ7 50kW) and 3925kHz(Nagara JOZ 50kW) will be discontinued.

Transmitters in Nagara site are all NEC HFB-7847, installed in 1980-82 except JOZ5 (NEC HFB-7840D) in 1991. Transmitter in Nemuro site (JOZ4 3925 kHz) is NEC HFB-7840C installed in 1996. (Via Takahito Akabayashi Tokyo, Japan)

### **NIGERIA**

Reception of Voice of Nigeria on July 17

0600-0700 on 7254.9 AJA 250 kW / 248 deg to WCAf Hausa, fair/good

0700-0730 on 7254.9 AJA 250 kW / 248 deg to WCAf French-weak/fair

1800-1930 on 7255 AJA 250 kW / 248 deg to WCAf Fair/good signal July 26 English:

( Via swldxbulgaria.blogspot.com/2018/07 )

### **PALAU**

Good signal of WHRI T8WH Angel 4 and Angel 5 On July 20

1230-1300 on 9930 HBN 100 kW / 270 deg to SEAs English Angel 4

1200-1430 on 9965 HBN 100 kW / 345 deg to NEAs English Angel 5

(Via swldxbulgaria.blogspot.com/2018/07)

Radio Que Me via WHRI T8WH Angel 4, July 20 1200-1230 on 9930 HBN 100 kW / 270 deg to SEAs Vietnamese Fri, good: (Via wldxbulgaria.blogspot.com/2018/07)

### **USA**

Reception of WRNO Worldwide Radio in English/Chinese on July 24 till 0600 on 7505 RNO 050 kW / 020 deg to ENAm English, good signal & from 0600 on 7505 RNO 050 kW / 020 deg to ENAm Chinese, weak to fair (swldxbulgaria.blogspot.com/2018/07)

## UZBEKISTAN (non)

Reception of Adventist World Radio AWR via Tashkent on July 18  
till 1330 on 9955 TAC 100 kW / 131 deg to SEAs, 35 seconds Chinese Voice of Tibet  
1330-1400 on 9955 TAC 100 kW / 131 deg to SEAs Assamese Sun/Wed, very good signal  
Same time on 9955 TAC 100 kW / 131 deg to SEAs Indonesian Mon/Tue/Sat; Hmong  
Thu/Fri (Via [swldxbulgaria.blogspot.com/2018/07/](http://swldxbulgaria.blogspot.com/2018/07/))

## STATION NEWS CHINA

CNR began domestic DRM transmission test. According to CNR began do the Chinese broadcasting information site <<http://cahcn.github.io>>  
China National Radio began domestic shortwave test broadcasting on July 24. They transmit "Voice of China" (domestic 5th program) on 6030 kHz at 2025-1805 UT until the end of 2018. The transmission will be stopped at 0600-0900 UT on Tuesdays for transmitter maintenance. The main target area is North China, but expected to be audible in all over China. The transmitter of 6030 kHz has originally 100 kW of power, but the power is reduced to 30 kW in DRM transmission mode. There will be temporarily stop of the transmission. The reception report should be addressed to <[drmrtpc -at- 163.com](mailto:drmrtpc-at-163.com)> (Takahito Akabayashi-JPN, via [wwdxc BC-DX TopNews](http://wwdxc.com) July 26)  
Probably via Shuangqiao #491 site <<https://binged.it/2LCbZUf>>

## BBC RMP TRANSMITTING SITE UP FOR SALE (AGAIN)

(Source: Dorset Echo via Dave Porter)

It helped the BBC broadcast its radio programmes across Europe.  
Now the vast site of the former radio transmission station in the west Dorset countryside is set for a new lease of life. The Rampisham Down site next to the A356 Maiden Newton to Crewkerne road, which extends to more than 180 acres, is on the market with a guide price of £2.5 million. It includes commercial land, and a huge area for grazing – which could be used for a 'recreational business'. Rampisham Down was designated a Site of Special Scientific Interest (SSSI) in 2014 for its special grassland and heathland habitats. British Solar Renewables (BSR) wanted to build a huge solar park there, but after a lengthy planning battle – in which the decision was 'called in' by the government' – the company shelved its plans. A site nearby not deemed of high importance for wildlife was instead chosen for the solar park and given planning permission. This solar park could help to power the new venture at Rampisham Down, it is said. All but one of the original telecommunications towers, which helped to broadcast the BBC World Service in Europe until the station was decommissioned in 2011, have been removed. The remaining tower has become a nesting platform for peregrine falcons, as part of work by BSR, in conjunction with Natural England, to restore the land and make it a home for wildlife.

This entry was posted in Broadcasters, International Broadcasting, News, Radio History, Shortwave Radio and tagged BBC, BBC Rampisham Down, BBC World Service, Dave Porter, Dorset Echo on July 3, 2018 by Thomas.

## Radio Spaceshuttle Finland news for 2018!

We have fixed our transmitters during 2017 and wish we have a good return during our 16th birthday. So expected to have transmissidions again during autumn 2018 on \on 76 (3905-3927 and 48 mb 6205, 6210, 6220, 6260,6265, 6280 or 6300-6310 kHz as well 9290 (9270) 12265 and higer 19 mb (15805-15880 area. Please follow <http://spaceshuttleradio.freesevers.com> news. (Via [sw-pirates](http://sw-pirates.com))

## RADIO AUM SHINRIKYO

Japan cult leader behind gas attack, followers are executed. Friday July 6  
TOKYO (AP) — Domsday cult leader Shoko Asahara and several followers were executed Friday for their roles in a deadly 1995 gas attack on the Tokyo subways and other crimes, Japanese media reported. The top Japanese government spokesman confirmed Asahara's execution but wouldn't comment on the others. Chief Cabinet Secretary Yoshihide Suga said only that the Justice Ministry would make an announcement later Friday.

Japanese doomsday cult leader Shoko Asahara, center, sits in a police van following an interrogation in Tokyo. Japanese media reports say on Friday, July 6, 2018, Asahara, who has been on death row for masterminding the 1995 deadly Tokyo subway gassing and other crimes, has been executed. He was 63. (Kyodo News via AP, File)

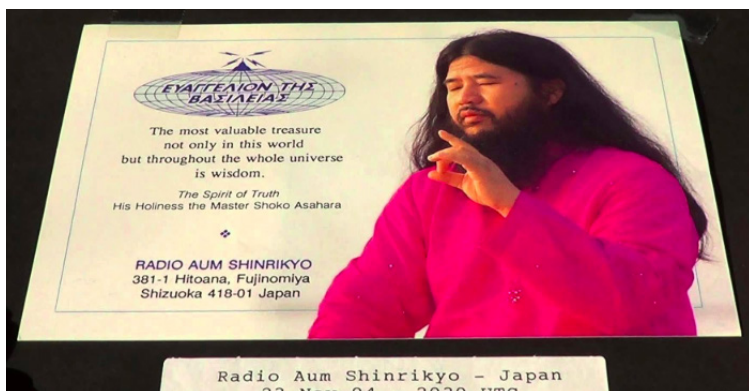
July 06, 2018

Japanese public broadcaster NHK reported that six followers were also hanged, citing unidentified sources. In all, 12 followers had been on death row with Asahara for the crimes, which killed 27 people. Asahara was 63 years old.

The 1995 subway attack was the most audacious. Members of the his Aum Shinrikyo cult punctured plastic bags to release sarin nerve gas inside train cars, killing 13 people and sickening more than 6,000.

Founded in 1984, the cult attracted many young people, even graduates of top universities, whom Asahara hand-picked as close aides. The cult amassed an arsenal of chemical, biological and conventional weapons to carry out Asahara's escalating criminal orders in anticipation of an apocalyptic showdown with the government.

The cult claimed 10,000 members in Japan and 30,000 in Russia. It has disbanded, though nearly 2,000 people follow its rituals in three splinter groups, monitored by authorities. Suga said authorities are taking precautionary measures in case of any retaliation by his followers. Above QSL: Broadcast transmitted via Serpukhov Russia. ( Via entry in my log book Editor.)



Wisdom may well be the most valuable treasure, but how that equates to killing innocent people is beyond me. As repugnant as capital punishment is, perhaps the world is better without his like. (Chief Ed.)



# BROADCAST NEWS

Editor

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Mangawhai

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## MORE AUSSIES FM-BOUND, BELGIUM QUILTS MW

**NEW ZEALAND** RNZ Transmission have confirmed that 2017 and 2018 WRTH information about **1458** is incorrect. The Cape Foulwind RNZ National transmitter for Westport/Buller is still 2.5 kW. The RNZ updated list does turn up a few other interesting variations, especially with three of the RNZ AM Network outlets: 900 for Dunedin is 6 kW (not 10), as is 1314 for Invercargill (not 5), and 1494 for Hamilton is 3 (not 2.5). As well, RNZ National on 1449 for Palmerston North is an even 2 kW (not 2.5). (Theo Donnelly via DX Dialog NewsGroup) *[Having been responsible for those WRTH updates I can advise that the information there was provided by RNZ at the time. BC]*

Access Radio **999** got a name change in early July - MPR: Manawatū People's Radio or, in te reo, Irirangi o Ngā Tāngata o Manawatū, is the new name of the community station. Station Manager Fraser Grieg said it's not just a change for change's sake. "We've been known as Access Manawatū for over a decade and the media landscape has changed dramatically over that period. With the emphasis on multi-platform content delivery, the necessity for discoverability and accessibility, and the many and varied ways that people interact with us, our old brand was becoming more of a barrier to communicating what we do, rather than a symbol." The station's website will transition to the new address MPR.nz and alongside the Facebook, Twitter and Youtube platforms the station uses, a new Instagram account will be launched. Further projects are planned for the New Zealand on Air-funded radio station, including studio equipment upgrades, a celebration of 21 years of Access broadcasting in Manawatū, the return of the Sounds of Summer series and a redesign of its their Broadway premises. (Stuff 26/6 via Adam Claydon)

**AUSTRALIA** Listeners to Bathurst commercial AM radio service 2BS Gold may soon have to change the dial if a proposal by the station is accepted by ACMA (the Australian Communications and Media Authority). The proposal would see the station swap its AM frequency to FM, moving from 1503 AM to 95.1 FM. (ACMA Media release 5/18 via Craig Seager, ARDXC) Interestingly, the consultation paper also references a request for an AM-FM conversion from Midwest Radio Pty Ltd (Midwest), the commercial radio broadcasting licensee of the AM service 2LT (900 AM), in the adjacent licence area of Lithgow RA1. Given the proximity of the two markets, ACMA compared the spectrum efficiency of allocating the 95.1 MHz frequency to either the Bathurst (2BS) or Lithgow (2LT) services. An alternative FM frequency has since been identified for the Lithgow operation. (Craig Seager, ARDXC via IRCA)

There are a number of AM to FM conversions happening in Australia. The following AM stations have already migrated:

Western Australia

(Spirit Radio) Karratha 1260 kHz now 102.5 FM, Exmouth 747 kHz now 102.9 FM, Paraburdoo 765 kHz now 94.1 FM, Tom Price (Red-FM) 747 kHz now 96.1 FM, 1089 kHz Collie went a couple of years ago and is now on 101.3 FM.

Victoria

3YB Warnambool 882 kHz swapped with the 3RPH outlet on 94.5. So 882 kHz stays on air

but is now 3RPH.

Other stations set for conversion from AM to FM in 2018/2019 are:

NSW

2BS Bathurst (1503 kHz) most likely 95.1 FM,

2XL Cooma (918 kHz), 2GN Goulburn (1368 kHz), 2LT Lithgow (900 kHz), 2LM Lismore (900 kHz). [FM frequency not yet known]

2BH Broken Hill was offered FM but elected to stay on AM (567 kHz)

Tasmania

7BU Burnie (558 kHz) to 100.9 FM,

7AD Devonport (900 kHz) to 98.9 FM.

7SD will also convert but will keep 540 kHz.

Note that 837 kHz Queenstown TAS is long gone (92.1 FM)

Western Australia

6MM (1116 kHz) to 91.7 FM. (Geoff Wolfe via Glen Hauser's DX Listening Digest)

## ALASKA

980 CP for new station at Kenai with U1 5kw days, 500 watts nights, applies to amend CP to U1 5kw/2.5kw on 960 kHz, slightly revised coordinates to match the Kenai 840 kHz CP (60-30-38/151-16-12)

1020 KVNT Eagle River granted CP with U1 10kw day & night (now U2)

1170 KJNP North Pole granted STA, U1 4kw day & night from temporary inverted V dipole antenna during tower repairs. (all items from NRC 'DX News')

**ALGERIA** On 30 June and also on 1 July, Alger Chaine 1 was putting an extremely strong signal into the UK on **891 AM** after dark. Very good reliable signal with narrow-band but clear modulation. Maybe they will be using this frequency regularly again. It could well be using 700 KW, but as the hop here in the UK after dark is shorter than it is in Winter, the signal strengths vary dramatically, with the closer sky-wave signals coming in louder in the Summer, and the strong DX stations all being much weaker in strength. (Dave Angell via Ydun Ritz' MW Info)

**BRAZIL** To date a total of 404 Brazilian AM stations have got permission to migrate from AM to FM. (Rudolf Grimm via ARC via IRCA).

## CANADA

600 CP for Vancouver BC assigned call sign CHOF. (Dan Sys, IRCA)

**COLOMBIA** Blu Radio network on MW: 960 HJHX Blu Radio, Bucaramanga and 1090 HJOM Cartagena are full-time relays of Blu Radio. 1090 HJBB Click Radio, Guamo, Tolima is a part-time affiliate to Blu Radio. So are also 1040 HJBF La Voz del Norte, Cúcuta, 1150 HJBT Emisora Diocesana Radio Catatumbo, Ocaña, and 1370 HJNI Radio Sabanas, Sincelejo.

1080 HJAX La Voz de Antioquia, ex-La Voz de la Nostalgia, both found on the La Voz de la Nostalgia website.

1190 HJCV "11-90 AM", slogan: "con la música que te gusta". Alternate name for Radio Cordillera.

1340 HJFB Amor Bogotá 1340 AM "Años Maravillosos". Format: Nostalgia from 60's and 70's. (Henrik Klemetz, Arctic via IRCA)

**DOMINICAN REPUBLIC** Dominican stations as heard (and IDed) with Kiwi SDR in-Santo Domingo between 2300 and 1400:

540 Radio ABC, Santo Domingo, 570 Radio Cristal (Santo Domingo), 590 Radio Santa María, Santiago, 620 Radio Santo Domingo (Santo Domingo), 650 Radio Universal (Santo Domingo), 660 Radio Visión Cristiana, Santiago, 710 Red Nacional Cristiana, Santo Domingo, 830 HIJB, Santo Domingo, 870 Radio La Vega (La Vega), 950 Radio Popular (Santo Domingo), 990 Radio Eternidad (Santo Domingo), 1080 Radio RPQ "la más deportiva" (Santo Domingo), 1150 Onda Musical (Santo Domingo), 1200 Radio VEN, Santo Domingo, 1240 Radio María (Santo Domingo), 1310 Radio Real (La Vega), 1330 Radio Visión Cristiana (Santo Domingo), 1410 Radio Tricolor (Santo Domingo), 1430 Radio Emanuel (Santiago), 1440 Radio Impactante 14-40 AM (Santo Domingo), 1510 Radio Pueblo (Santo Domingo) and 1640 Radio Juventus don Bosco, Santo Domingo. The following Santo Domingo stations listed in WRTH have not been heard during my limited monitoring time: 600 Celestial 600 1360 Radio Tropical 730 Radio HIZ 1580 Radio Amanecer 760 Global AM 1600 Radio Revelación de América 1120 Radio Metro Hit. (Tetsuya Hirahara June 2018 via Arctic via IRCA)

**GUAM** KVOG at Agaña on **1530** returned to the air under its Special Temporary Authority (STA) on 23 June after being silent since 30 June 2017. (via NRC) [See last month's column for STA specifics. BC]

**HAWAII** (info from NRC's 'DX News')

- 670 KPUA Hilo applies to extend STA, U1 1kw day & night.
- 790 KKON Kealakekua came back on the air on 11 June 2018 but went silent again on 13 June. The transmitter needs replacement.
- 850 KHLO Hilo, silent since 30 June 2017; came back on the air 27 June 27
- 1040 KLHT Honolulu granted STA extension, temporary tower at 21-20-09/157-53-53.
- 1080 KWAH Honolulu went silent on 26 June. Station has lost licensed tower site.
- 1500 KHKA Honolulu granted STA extension, temporary tower at 21-20-09/157-53-53.

**Volcano Update from the Big Island:** Local AM and FM stations on the island of Hawaii, as well as those located on other islands in the Hawaiian chain, have opted to retain as much of their regularly scheduled programming as possible. As official announcements and other volcano related information becomes available, the stations simply interrupt the flow of programming and insert the announcements. The New West Broadcasting Corporation NWBC operates one AM (KPUA Hilo 670 kHz 5 kW) and four FM stations on Hawaii Island. The five stations in the NWBC network are giving full coverage to all important information associated with the volcanic upheaval and the dramatic lava flow. The network president, Chris Leonard, states that his staff are capable of covering all major events, even during extended hours if necessary. In addition, when stations on the island are temporarily disabled as a result of the earthquake, lava flow, and ash deluges, then other stations render technical aid as necessary. When the 6.9 earthquake struck on 7 May 2018, station KKBG 97.9 FM in Hilo was silenced due to tower damage. Friendly cooperation soon brought them back on air again. Official documents report that there are currently four licensed AM stations on the island of Hawaii: KPUA Hilo Hawaii 670 5kw with News, talk & information KIPA Hilo Hawaii 1060 with 5kw, KHLO Hilo Hawaii 850 with 5kw and KKON Kealakekua Hawaii 790 with 5kw. However, current reports indicate that only one of these mediumwave stations KPUA is still on the air; the other three have been declared silent. However, there are other AM news talk stations on the islands of Maui, Oahu and Kauai. (Extract from Adrian Peterson's AWR Wavescan 17 June via Glenn Hauser's DXLD)

**MÉXICO** The AM band continues to lose stations as some of the combos of '94 get out. 590 XEBH La Mejor, Hermosillo, 710 XELZ Capital FM, Torreón, 720 XEUV Magia Digital, Mazatlán, 1050 XEQOO Imagen, Cancún, 1170 XEZS Radio Hit, Coatzacoalcos, 1280 XECAM Kiss, Campeche, and 1400 XEVI Exa FM, San Juan del Río already said goodbye to their AM frequencies. They've been joined by several more stations: 830 XEDR Digital 99.5, Guaymás 860 XENW Máxima 103, Culiacán 1390 XETL Radio Ola, Tuxpán 1430 XEOX, Exa FM, Ciudad Obregón.

(Raymie's México Beat via Glen Hauser's DXLD va IRCA)

1340 XEAA Mexicali - the operator of the Mexicali Radio Museum blog tells me the station plans to return to the air soon. They have been off the air for months. (Tim Hall, CA, June 22, ABDX yg via DXLD)

### **PUERTO RICO** (items from NRC DX News)

- 850 WABA Aguadilla granted STA extension, U1 1kw day & night from 200' LW antenna at licensed site.
- 1070 WMIA Arecibo CP for U1 with 2.5kw nights, new tower at 18-27-32/66-45-20, is on the air.
- 1200 WGDG Lares granted STA extension, U1 1kw day & night.
- 1230 WNIK Arecibo granted STA extension, from temporary 200' tower.

**LATIN OFFSETS** During our winter months, the whines and growls of stations in South and Central America running slightly off their nominal frequencies provide interesting targets for keen Latin American DXers. These items are courtesy of the Arctic Radio Club:

- 869.971 HCNY2 Radio Cristal, Guayaquil on 19/4. (Jan Edh)
- 919.93 ZP1 Radio Nacional de Paraguay, Asunción on 18/4. (Arne Nilsson)
- 1140.25 OCY4C Radio Programas del Peru, Pilcomayo on 20/4. (Arne Nilsson)
- 1200.171 HJJI La Voz de la Raza, Medellín on 10/4. (FB)
- 1249.981 OAX4L Radio Cora, Miraflores on 13/4. (Sim)
- 1269.983 CB127 Radio Festival, Viña del Mar on 15/4. (Sim)
- 1289.996 HJMC Radio Viva 12-90, Cali on 17/4. (TN)
- 1349.976 OCU6D Radio Municipal, Ichuña on 13/4. (Sim)
- 1370.028 OAU7L Radio Andina, Juliaca on 13/4. (Sim)
- 1440.067 L.. Radio Impacto, Ciudad Madero on 14/4. (Sim)
- 1440.015 OAX6R Radio Santa Monica, Arequipa on 13/4 (Sim)
- 1469.976 LT28 Radio Rafaela, Rafaela on 18/4. (Arne Nilsson)
- 1469,992 HJT B Radio María, Ibagué on 10/4. (TN)
- 1469.95 OAU6E Radio Victoria, Arequipa 20/4 "Radio Victoria en todo Superior" (FB).
- 1479.879 CC148 Radio La Amistad de Tomé, Tomé on 15/4. (Sim)
- 1479.984 HJT Z Antena 2, Bucaramanga on 10/4. (TN)
- 1489.981 HJAY Radio Vida Nueva, Barranquilla on 10/4. (TN)
- 1509.934 OCX6Q Radio Alegría Arequipa on 21/4. (TN)
- 1509.986 OCX6Q Radio Alegría, Arequipa on 13/4. (Sim)
- 1510.009 CC151 Radio Poder Pentecostal, Rancagua on 18/4. (Sim)
- 1540.11 OBX4N Radio Corporacion, Cerro de Pasco on 20/4. (Arne Nilsson)
- 1559.92 OCX6N Radio Sabor, Arequipa on 20/4. ((Arne Nilsson)
- 1579.995 HJRM Sistema Cardenal, Sincelejo on 10/4 (TN)
- 1599.801 CB160 Radio Nuevo Tiempo, Santiago "Radio Nuevo Tiempo - La Voz de la Esperanza". (Sim)

**SRI LANKA** The Trincomalee transmitter on **1548** was been absent for many days now. (Jose Jacob, WRTH Facebook group 7/18 via Ydun Ritz' MW Info)

**TAIWAN** Fu Xing [WRTH says Fu Hsing, operated by the Ministry of National Defence. BC] has closed all of their MW stations except for the 3 on **594kHz** which it is keeping as a sort of synchronised network to cover most of Taiwan. The low power 1206kHz Minxiong RTI transmitter [WRTH says 100kw at Minhsiung. BC] has been closed. (Dan Goldfarb via MW Masts @groups.io)

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

- 550 KTRS St. Louis MO applies for STA, U1 5kw/1.25kw due one tower collapsed in windstorm.
- 570 WTBN Pinellas Park FL applies to extend STA, U4 5/10kw due Cuban QRM.
- 620 WDAE St. Petersburg FL granted STA extension, U2 11.2kw/11kw due Cuban QRM.
- 640 WMEN Royal Palm Beach FL granted STA extension, U4 25kw/4.5kw due Cuban QRM.
- 880 KCMC Gonzales CA change of slogan to "Central Coast Christian Radio."
- 910 WSRP Jacksonville NC granted STA extension, U1 5kw/1.25kw.
- 940 WINZ Miami FL granted STA extension, U2 50/25kw due Cuban QRM.
- 1050 KTCT San Mateo CA applies to extend STA, U4 50kw days, 35kw nights due Mexican QRM.
- 1080 WKAT Coral Gables FL granted STA extension, U4 50kw/20kw due Cuban QRM.
- 1150 KHRO El Paso TX now has Oldies format, slogans "1150 Oldies Radio" and "The Fox AM".
- 1230 WDWL Pensacola FL granted STA extension, U1 250/250 watts from 145 foot LW antenna.
- 1270 KZTQ Sparks NV granted STA extension, U1 13kw/1.25kw or night parameters at variance.
- 1290 KAZA Gilroy CA applies to extend STA, U1 1.25kw/20 watts from KZSJ-1120 tower.
- 1340 KBNW Bend OR granted STA extension, U1 1kw/0.5kw, longwire at 44-03-32/121-17-57.
- 1370 WCOA Pensacola FL granted STA, U3 2kw day & night, night pattern 24 hours, pattern switching problems.
- 1380 KRKO Everett WA now has Oldies format, slogan to "Everett's Greatest Hits, Sports & More".
- 1410 KMYC Marysville CA granted STA extension, U1 1.25kw/250 watts.
- 1410 WING Dayton OH granted STA extension, U1 5kw/1.25kw.
- 1470 KUTY Palmdale CA granted STA extension, U1 1250/1250 watts.
- 1480 KTHS Green Forest AR slogan is now "96.9 The Legend".
- 1480 WVOI Marco Island FL back on air with religious format, slogan "Relevant Radio," network Immaculate Heart Radio.
- 1490 KWOK Aberdeen WA now carries ESPN Sports.
- 1510 KGA Spokane WA granted STA extension, U4 kw/15kw, night pattern 24 hours.
- 1540 KZMP University Park TX granted STA extension, night parameters at variance.

USA (items from IRCA DX Monitor magazine)

- 1060 KKVV Las Vegas, NV has new slogan "Best News Radio KKVV".
- 1180 KOFI Kalispell, MT format change from oldies to classic hits, new slogan "KOFI 1180 AM 104.3 FM".
- 1220 WSRQ Sarasota FL drops talk, now oldies, new slogan "Hitland 106.9"
- 1230 KSLO Opelousas LA adds Eternal Word TV Network, slogan: "Catholic Radio for

- Acadiana”.
- 1230 WFAY Fayetteville, NC new format is country, slogan “All American Country”.
- 1230 KHSN Coos Bay, OR moves from ESPN to NBC Sports Network, new slogan “KHSN AM 1230”.
- 1290 WHIO Dayton OH has new slogan “AM1290 and News 95.7 WHIO”.
- 1380 KRKO Everett WA format now classic hits, slogan “Everett Radio”.
- 1510 WMEX Boston MA back on air with slogan “The South Shore’s Radio Station”
- 1550 KWRN Apple Valley CA was silent, now Radio Lazer regional Mexican, ads slogan: “Radio Lazer”.

**VENEZUELA** Additional inactive stations: 890 Reloj Radio América, Valencia, 940 Radio Punto Fijo, Punto Fijo, 1180 Radio Maturín, Maturín, 1430 Radio Caicara, Caicara del Orinoco. (Cadena DX via José Elías Díaz Gómez via Henrik Klemetz, Arctic via IRCA)

**VIETNAM** There is a move to reduce and eliminate (apart from 1242kHz) all MW frequencies above 918kHz. Already the entries in this year’s WRTH re 972kHz, 1089kHz, 1170kHz are closed and it is highly likely that 1089kHz is also silent. (Dan Goldfarb via MW Masts @ groups.io)

## X-BAND REPORT

**PERU** Radio Choquechamaca, Chamaca in the province Chumbivilcas in Cusco has been logged on 1620. (Henrik Klemetz via Arctic via IRCA)

**US VIRGIN ISLANDS** WIGT Charlotte Amalie on 1690 was silent, has returned to the air with news/talk format and NPR (National Public) network. (IRCA)

## KINGS OF THE KILOCYCLES

**BILL MARSH Blenheim** writes “I recently bought an Airspy HF+ SDR after reading a lot of reviews. I am very pleased and it is not too far behind the Drake SPR4 but resolves 1180 on USB so much better than the Drake. I am very pleased with its performance and I don’t seem to be able to overload it like the SDRPlay RSP1.” *[Sounds impressive Bill – look forward to some trail items when you can. BC]*

**MIKE SMITH Opunake** to ‘DX Dialog’: “Just a note to say that there were a few Latins around on 16 July, maybe the start of the next equinoxial swing... Noted PP on 1420 with a long fading cycle just after sunset, possibly R. Guaruja who I am still trying to get a QSL out of for a report a few months ago, hets on 1220, 1280, 1360. No time for DX at the moment, involved in another theatre production but had the receiver on while doing a repair on some theatre AV gear. 1570 was busy all evening with a couple of SS battling, religious talk/sermon dominant.” Then a follow-up message: “At last –I chased up my Facebook contact at Radio Guaruja and have finally got confirmation that the sound clip I sent was indeed them relaying Radio Bandeirantes programming overnight! Not the same as a nice card but it will do...” *[Well done Mike – you are definitely in a sweet spot for South Americans! BC]*

**TONY KING Greytown**, also reporting to ‘DX Dialog’ writes: “A great night for some central and South Americans. Launched by SE EWE “on a Sack Barrow”. Tonight, Thursday, 1620 Cuba a powerhouse, 0540 and last night 1620 WDND presumed 0545 “nostalgia, Frank Sinatra” (Presumed as I note it as silent in the X band listing but format fits.) 1470 Capital exceptional and clear, 1490 two at good level, 0540, and 1010 clear in SS. Possibly Cielo Peru. Will put on my woolies and venture out again! Which indeed is what Tony did on

27 July – “Just come in from a session in the shack (i.e. the original ‘shed’) where I have a EWE SE and the ‘sack barrow movable mast’ which I move slightly each day + a second NE EWE. SE directionality certainly cuts out the NZers and Yanks.” *[Thanks for trail items Tony – will keep an ear out for WDHP as it’s a while since I last heard them. Up here the SE directionality brings up the Kiwis, so I envy you and Mike! BC]*

**BARRY HARTLEY Mairangi Bay** reports “a few early mornings ago I couldn’t sleep, so I got up around 4.30 am and listened on the League’s SDR. There were plenty of Aussies on and a lot of NZ stations to the south were very poor, allowing Asians to be heard. So, the trail items below can be called ‘a result of insomnia!!!’ *[Thanks Barry. The cold mornings can make it difficult getting up, but your trail items prove there’s DX to be had whenever it’s dark outside!]*

**STU FORSYTH Mangawhai, Paradise** checks in from his new home location: “ I finally erected the EWE after having tried the portable 3m one. I could see signals on the 10 kHz spacings but wasn’t able to hear anything. Once the 5m antenna was up, things improved markedly. I now need to listen at a sensible hour before the NZers get too strong. Lots of carriers were visible, but at 0900 it was too late. Still, it has whet the appetite!! *[Well done with your first trail item Stu – look forward to more! BC]*

### MEDIUM WAVE TRAIL

Our loyal contributors are:

**TK** = Tony King, Greytown with Tecsun PL380 with EWEs NE and ‘movable’ SE.

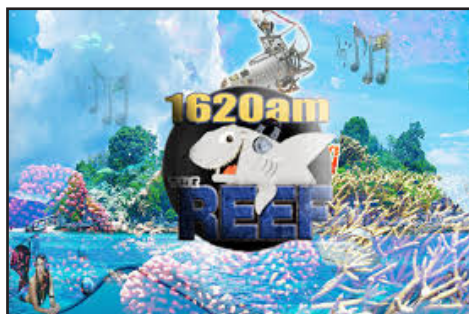
**BH** = Barry Hartley listening on the DX League SDR at Fort Mott, Bay of Islands.

**BCM** = Bryan Clark, Mangawhai with WinRadio G33DDC & AOR7030+ fed by EWEs directed to NE, East and SE.

**SMF** = Stu Forsyth, Mangawhai with WinRadio G33DDC and 5m SE EWE.

- |       |      |                                                                                                                                                                                                                                                                                                                                                                  |
|-------|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 621   | 1815 | TUVALU Radio Tuvalu good w/Island music, ann in Tuvaluan and ident. Over Rhema 18/7. BH                                                                                                                                                                                                                                                                          |
| 670   | 0930 | CUBA Radio Rebelde dominant talk.23/7 TK                                                                                                                                                                                                                                                                                                                         |
| 690   | 0935 | HAWAII KHNR Talk ‘The Patriot’ over KORL on vocals 23/7 TK                                                                                                                                                                                                                                                                                                       |
| 780   | 0935 | USA KKOBU Albuquerque News/talk ‘Trump ad libs.’ 24/7 TK                                                                                                                                                                                                                                                                                                         |
| 1017  | 0950 | TONGA A3Z Nuku’alofa strong over 3ZB 24/7 TK                                                                                                                                                                                                                                                                                                                     |
| 1098  | 1830 | MARSHALL ISLANDS (presumed) over 3ZB & Oz stations w/ Island music, good 18/7. BH                                                                                                                                                                                                                                                                                |
| 1110  | 0714 | UNID SS talk on 1109.997 over US music station (likely KRDC) and US talker (likely KFAB) 13/7. BCM                                                                                                                                                                                                                                                               |
| 1134  | 1740 | KBS Hwaseong (presumed) w/ talk in Korean 18/7 very good. BH                                                                                                                                                                                                                                                                                                     |
| 1190  | 0510 | COLOMBIA Radio Cordillera, Bogota w/SS ident as “11-90 AM es Radio Cordillera” 1/7. Thanks to Henrik Klemetz for confirming ID. BCM                                                                                                                                                                                                                              |
| 1220  | 0510 | MEXICO XEB Mexico DF all alone w/Latin oldies, regular 6/7. BCM                                                                                                                                                                                                                                                                                                  |
| 1270a | 0528 | ECUADOR Radio Universal, Guayaquil w/popular SS voacIs on 1270.092, putting bad het on 1270 15/7. BCM                                                                                                                                                                                                                                                            |
| 1400  | 0602 | COLOMBIA HJKM Bogota w/ident “Transmite en la capital de la Republica, transmite Emisora Mariana, HJKM mil cuatro ciento kiloHertz...” 29/7 (Thanks to PWO for translation). BCM 1410 0559 CANADA CFTE Vancouver BC w/promo for iHeart Radio in Vancouver, stock market report 0604 and into Coast to Coast AM at 0608 28/6. Badly mixed co-channel Mexican. BCM |
| 1420  | 0507 | UNID with SS ballads, not KKEA 24/7 TK                                                                                                                                                                                                                                                                                                                           |
| 1470  | 0920 | PERU Radio Capital fair with SS talk. 19/7 SMF                                                                                                                                                                                                                                                                                                                   |

- 1470 0430 PERU OAU4B Lima, Radio Capital. One of the earliest signals. M/F talkback. Many IDs. 26/7. TK
- 1500a 0516 PERU Radio Santa Rosa w/vocals on measured 1499.767 putting huge het on 1500 15/7. BCM
- 1500 0457 MEXICO XEDF Mexico City w/SS talk, callsign ident 0458 4/7. BCM
- 1520 0548 USA KOKC Oklahoma City OK good with talkback, ident 0600 as "15-20 KOKC Oklahoma City, a product(?) of Tyler Media, Oklahoma's media company", then news of trapped Thai soccer team 3/7. BCM
- 1520 0601 USA KKZZ Port Hueneme CA mixed KOKC with non-stop adult standards, rare anncts, ident w/ref to 96.3 FM Ventura on 3/7. Must be on 10kw day power rather than listed 1kw nights. BCM
- 1530 0430 PANAMA Radio Avivamiento over or mixed Kiwi station on NE EWE, badly overmodulated and best in CW mode. Gave SS ID as "15-30 AM" at 0437 28/6. BCM
- 1530 0458 MEXICO XEUR Mexico DF w/National Anthem then station ID in SS 5/7 thru KFBK, Wireless Station & Panama also in the mix. BCM
- 1566 1750 SOUTH KOREA HLAZ VOA News in Korean, ident in Eng as "VOA News". HLAZ ident at 1800 Good 18/7. BH
- 1570 0830 PERU Radio Bethel, Lurigancho w/religious rant under XERF/KUAU 24/7 TK
- 1570 0420 PERU Bethel Radio, Lima fair w/ evangelist in SS 28/6. BCM
- 1570 0502 PERU Radio Carraviz Juliaca w/distorted 'warbly' audio, religious talk 13/7. Promo for IPDA Church at Avenida Ferial 633 in Juliaca. And time check for 12.02. Thanks to Andrew Brade of RealDX for confirming details. BCM
- 1610 0820 PERU Radio El Sol w/huaynos fair, low het against 1620 16/7. BCM
- 1620 0423 CUBA Radio Rebelde fair but clear in SS w/popular Latin melodies // 5025 SW 28/6. Best on my East EWE. BCM
- 1620 0535 US VIRGIN IS WDHP w/back to back mx/calypso/jazz/oldies – "I'll Get By" 27/7. TK
- 1660 0427 PUERTO RICO WGIT Casanovas coming up nicely on peaks w/SS evangelist 28/6. BCM
- 1710a 0717 ARGENTINA AM Selva w/popular SS vocals on measured 1709.877 16/7. BCM





## NORTH AMERICAN X BAND AT-A-GLANCE 08/2018 (thanks to Tony King)

1610	Carib.Beacon Anguilla	EE religious. The late Dr Gene Scott /Mrs Scott
1610	XEUACH Chapingo MX	Radio Chapingo
1610	CHHA Toronto ON	SS 'Radio Voces Latina' Fq ID in SS & EE
1610	CHRN Montreal QU	South Asian Format. Radio Humsafar
1620	KSMH West Sacramento, CA	Rel. 'IHR (Immaculate Heart Radio) Sacramento'. "Radio Rebelde (6 Tx sites)SS .Distinctive 5 note chime on hour. Sync echo.
1620	R Rebelde	
1620	WNRP Gulf Breeze FL	News/Talk Fox News "News Radio 1620"
1620	WDND South Bend IN	Nostalgia "Americas Best Music" <b>Silent 07/18</b>
1620	KOZN Bellevue NE	Fox Sport "The Zone"
1620	WTAW College Station -Bryan TX	'Newstalk 16-20 WTAW' Takes C-to-C AM
1620	WDHP St Croix, US Virgin Is	News/talk/gospel/country. Takes BBCWS
1620	KYIZ Renton WA	Urban contemporary //KRIZ " Z Twins"
1630	WRDW Augusta GA	"ESPN Augusta"
1630	KCJJ Iowa City IA	News-talk-AC " The Mighty 16-30 KCJJ"
1630	KKGM Ft Worth/Dallas TX	'Modern gospel music 1630 KKGM' IRN News
1630	KRND Fox Farm WY	SS 'regional mexican' ID " jota La Mexicana"
1640	KDIA Vallejo CA	Talk/religious/life issues
1640	WTNI Biloxi MS	ESPN Sport. "1640 WTNI Biloxi" 'The Champ.Com'
1640	KZLS Enid OK	News/Talk
1640	KDZR Lake Oswego OR	Conservative Talk "Talk 1640"
1640	KBJA Sandy UT	'K-Talk KBJA'
1640	WSJP Sussex WI	Rel. Catholic. " Relevant Radio 1640 AM"
1650	KFSW Fort Smith AR	Contemporary Christian
1650	KFOX Torrance CA	Radio Seoul. Korean/ EE ID on hour
1650	KBJD Denver CO	SS Rel. Radio Luz
1650	KCNZ Cedar Falls IA	"The Sports Station" 1650 The Fan
1650	CKZW Montreal QU	Evangelical Christian in FF
1650	CINA Mississauga ON	Indian. "Seena radio"
1650	KSVE El Paso TX	SS Sports/Talk ESPN. "ESPN Desportes 1650"
1650	WHKT Portsmouth VA	format from 3/18 UC:GOS
1660	KBRE Merced CA	AOR (Album Oriented Rock)
1660	WCNZ Marco Is FL	Relevant Radio
1660	KWOD Kansas City KS	Sport/Talk "Bison 1660"
1660	WQLR Kalamazoo MI	Fox Sports. "Kalamazoo 1660, The Fan"
1660	WBCN Charlotte NC	Classical Rock
1660	KQWB West Fargo ND	Fox Sports
1660	WWRU Jersey City NJ	Korean Gospel
1660	WGIT Canóvanas, Puerto Rico	'Faro de Santidad' SS Religious
1660	KRZI Waco TX	'KRZI ESPN Central Texas'
1670	KHPY Moreno Valley, CA	SS religious . ESNE radio.
1670	KQMS Redding CA	"News Talk Superstation 1670 AM"
1670	WMGE Dry Branch, GA	"Fox Sport 1670 Georgia"
1670	CJEU Gatineau QU	Community/Children's Radio "Radio Oxygène 1670"
1670	WOZN Madison WI	" CBS Sports Radio "The Zone"
1680	KGED Fresno CA	ID slogan ""AM 1680 The Answer"
1680	WOKB Winter Garden FL	Rel/ UC gospel 'Inspiration Radio'
1680	KRJO Monroe LA	"Classic Hits 1680 "LA105"
1680	WPRR Ada MI	Talk ID " Public Reality Radio"
1680	WTTM Lindenwold, NJ	World ethnic" EE ID '1680 WTTM Lindenwold- Philadelphia"
1680	KNTS Seattle WA	SS Religious. EE ID 00:10 after hour. "Radio Luz"
1690	KFSG Roseville CA	Rel. SS,Russian,Hmong EE ID on hr "KFSG Sacramento"
1690	KDMT Arvada CO	'1690 KDMT Denver's Money Talk "
1690	WMLB Avondale Estates GA	Eclectic mix. "Voice of the Arts" CBS News. <b>Silent 07/18</b>
1690	WVON Berwyn, IL	Talk
1690	WPTX Lexington Park, MD	Adult standards
1690	CHTO Toronto ON	Multilingual. Greek.
1690	CJLO Montreal QU	Campus community - college station
1690	WIGT Charlotte Amalie US VI	News/Talk nets NPR (NRC say Silent 7/18)
1700	WEUP Huntsville AL	Urban contemporary Gospel "Huntsville's Heritage Station"
1700	WJCC North Miami Beach FL	World Ethnic. 'Radio Mega 1700'
1700	KBGG Des Moines IA	'Des Moines Big News, Big Sport KGBB'
1700	XEPE Tecate BCN MX	"ESPN 1700" sports
1700	WRCR Ramapo, NY	Ethnic. "Radio India." <b>reported silent</b>
1700	KKLF Richardson-Dallas-Ft Worth TX	Tejano/Conjunto SS & EE " Kick 1700" 'Banda 13'
1700	KVNS Brownsville TX	Fox Sports Radio

# TV/FM NEWS & DX

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## Mix FM

Mix is now in Rotorua 94.3, Tauranga 99.0, New Plymouth 106.0, and I think in August Gisborne on 106.1.

(Brian Withers, Napier)

([www.mixonline.co.nz](http://www.mixonline.co.nz))

## Updates from Gordon Mathieson

TAUPO	
87.8 Ski FM	98.4 Concert
88.0 3ABN	100.0 The Sound
88.3 Star // 106.9	100.8 The Breeze
88.8 The Edge	101.6 National
89.6 Lake FM	104.0 Niu FM
90.4 ZM	104.8 National (Acacia Bay)
91.2 Radio Trackside	105.6 Life FM
92.0 Te Arawa FM // 88.7 Rotorua	106.4 Timeless Taupo
92.8 Hauraki	106.7 106.8 FM The Alternative *(This has always been on 106.7 despite the ID of 1068 FM noted on all devices including digital car audio readouts)
93.6 More	106.9 Star // 88.3
94.4 The Rock	107.2 More // 93.6 (Acacia Bay)
95.2 Rhema	107.3 Radio Evergreen
96.0 Newstalk ZB	107.5 Cool Blue Taupo (ex 89.6)
96.8 The Hits	107.7 Radio Sport
97.6 Tuwharetoa	Also note 87.6 Bitter FM been off air since last year.
MASTERTON	
88.1 East FM	95.1 The Rock
88.7 Life FM	95.9 The Edge
89.5 More	97.5 Rhema
90.3 The Hits	98.3 Radio Live

91.1 Radio Trackside	99.1 Concert
91.9 Radio Sport	99.9 The Breeze
92.7 Arrow FM Wairarapa Access Radio	100.7 Star
93.5 The Sound	101.5 National
94.3 ZM	105.5 Magic (no other low powers)
<b>WELLINGTON area FM</b>	
87.6 Arec FM (Porirua - Tawa)	96.5 The Rock
87.6 River FM (Upper Hutt) // 88.1 and 107.3, website says 88.0	97.3 The Sound
87.8 * continuous fault, been like this for some time, supposed to be from the Massey campus, any ideas?	98.1 Life FM (Porirua)
88.0 T.L.C.	98.5 The Breeze (Hutt)
88.1 River FM // 87.6 and 107.3	98.9 Radio Live
88.2 KCFM	99.7 More
88.2 Tourist Information Radio	100.5 Mai
88.3 Radio Active // 88.6	100.9 Atiawa Toa (Hutt)
88.6 Radio Active // 88.3	101.3 National
89.3 Newstalk ZB	101.7 National (Hutt)
90.1 The Hits	103.7 Niu FM
90.9 ZM	104.1 Niu FM (Hutt)
91.7 The Edge	104.5 George FM
92.5 Concert	105.3 Wellington 105.3 'Your local Indian Radio'
93.3 Hauraki	106.1 Wellington Access Radio
93.7 Mix (Hutt)	106.7 More (rotation of pre-recorded programmes)
94.1 The Breeze	106.9 O.C.
94.9 Atiawa Toa (Porirua)	107.3 River FM // 87.6 and 88.1
95.3 More (Hutt)	107.5 And How FM
95.7 Coast	107.6 Radio Rainbow
96.1 Concert (Hutt)	* the low power list is probably not complete.

### The Hawk 104.3FM

Ranfurly's "The Hawk" on 104.3 is now Radio Central from Alexandra. The Hawk FM has flown off and joined forces with Radio Central. Radio Central covers Central Otago. (thehawk.nz)

**The Edge TV** has moved to channel 14

The Edge TV is now beaming out the hottest music videos from its brand new home on Freeview channel 14 from 19 July. (freeviewnz.tv)

## **Latest Commercial Radio Survey**

### **NZME**

The latest 2018 GfK independent commercial radio survey has highlighted the strength of radio as a medium, with a phenomenal 3.4 million commercial radio listeners tuning in. NZME is also celebrating its strong results winning the prestigious Auckland crown with its partners, growing its listeners and its overall market share, particularly in the main metro-cities. NZME's chief commercial officer, Matt Headland says the result is significant for the radio industry as well as NZME.

"The last commercial radio survey was strong but reaching over 3.4 million listeners via radio is just remarkable. We've grown audience in all demographic groups 18 years and older and when you combine these results with our radio partners, we have over 2 million listeners, an incredible 60% of the total commercial radio market. But what's more remarkable is when combined with the additional media platforms (print and digital), NZME connects with 3.3 million people across New Zealand."

Headland says the main cities are exciting for NZME. "Obviously winning Auckland rates highly but combined with NZME's results in Wellington, Christchurch, Tauranga and Dunedin it's a great day – NZME's upward momentum continues. iHeartRadio continues its consistent growth with digital radio listening now part of our everyday life. With NZME's strength across traditional radio and audiences listening digitally, advertisers need to put their dollars where they are most effective."

iHeartRadio delivered 23% growth year on year with over 776,000 registered users and an average of 2.9 million listening hours (up 28% year on year) each month.

Standouts for NZME include Newstalk ZB which retains its number one station overall across New Zealand, along with the Mike Hosking Breakfast Show being number one again. This outstanding result was repeated in Auckland.

"These results reflect a huge six months for Newstalk ZB, with the launch of new shows and a dedicated, relentless focus on covering the big issues and setting the news agenda," said Shayne Currie, who heads up NZME's News and Sport. "Whether it's high-quality news coverage, informative commentary and analysis, or being on hand at major events like the Royal Wedding, our listeners have come to expect a first-class radio experience. The dominance of the station and Mike Hosking at Breakfast is outstanding. For Mike to be in his 10th year as number one, is world-class."

NZME's group director entertainment, Dean Buchanan says of NZME's music brands Mix deserves a special mention.

"Mix is our newest station making this survey result even more impressive. Mix continues to grow its audience and for the first time rates higher than The Rock, George FM, Magic and Radio Live in Auckland. Mix also increased in its regional markets with the highlight being Whangarei, where the station is number one in the 25-54 demo, on a whopping 21.3% share."

Buchanan says other highlights include Coast who is the New Zealand's number one Music station (all people 35 plus).

"ZM is once again proving its popularity with millennials posting great results around the country, in its key 18-39 target demo. I'm stoked for Radio Hauraki; Matt Heath, Jeremy Wells, Leigh Hart, Jason Hoyte and the team, beat The Rock and George FM in Auckland, in both Breakfast and Drive. It's another solid book for The Hits and once again, Sarah, Sam

and Toni have more listeners than Polly and Grant in Wellington. The urban music cycle continues to be strong with both Mai FM and Flava having excellent results. Flava increased its share across every show in Auckland, adding almost 18,000 listeners.” (NZME, 5 July 2018, [advertising.nzme.co.nz](http://advertising.nzme.co.nz))

## **MediaWorks**

Total commercial radio listenership has once again increased by 15,900 to 3,406,100 with MediaWorks also growing its total audience by 18,200 to 2,435,800 in the second GfK Total New Zealand Commercial Radio Survey for 2018.

More FM is New Zealand’s number one music station in the second GfK Total New Zealand Commercial Radio Survey for 2018, and is New Zealanders’ music station of choice at Breakfast and Drive.

More FM increased its national share this survey by 0.4 percentage points to 8.8%. The station remains New Zealand’s outright favourite at Drive time with the introduction of Jase & Jay-Jay delivering a lift of 0.6 percentage points to 9%. The Sound, The Edge and Mai FM round out New Zealand’s top four music stations at this time of the day.

More FM’s national share at Breakfast grew by 0.9 percentage points to 10.7% making it the country’s favourite music station in the timeslot. In Auckland, More FM’s Breakfast Club also enjoyed a lift of 1.1 percentage points to 8%. Nationally, MediaWorks claims the country’s top six music breakfast shows with More FM followed by The Breeze, Mai FM, The Rock, The Edge and The Sound.

Leon Wratt, Group Content Director - Music, MediaWorks Radio said: “More FM has had a terrific result this survey and we remain incredibly proud of Mai with another great Auckland result. Ensuring New Zealanders are with us for their commutes at both ends of the day has been a big priority for us and it’s great that this has paid off with the country’s top six music breakfast shows and the top four music drive shows. Huge congratulations go to Magic too, hitting 200,000 listeners nationally - a fantastic result in only three years.”

MediaWorks owns New Zealand’s favourite five radio stations in the commercially important 25-54 demographic, with More FM up a full percentage point to 11%, followed by The Rock, The Sound, The Breeze and Mai FM. MediaWorks wins this key demographic with 56.7% of the market, more than 25 percentage points ahead of the nearest competitor.

Mai FM follows up its Station of the Year win at the 2018 Radio Awards with further audience gains this survey. The station grew its national audience by 15,800 to 454,700. The Mai Morning Crew once again saw a lift in the number of Breakfast listeners in Auckland, growing to 157,100, a 3600 advantage over its nearest competitor, a major talk radio brand. At Drive time, Mai Home Run also won listeners in Tamaki Makaurau, lifting by 8500 people to 140,200 and nationally Mai’s Drive show increased its audience by 9200 to 235,500.

Magic continues to cast a spell over New Zealanders, building on gains made in the previous survey period to see its national listenership crack 200,000 for the first time since the station’s launch.

The Edge retains the highest number of listeners of any New Zealand radio station, reaching 621,500 people this survey period. Dom, Meg and Randell also increased the station’s national Breakfast audience to 328,200.

The Sound and The Breeze continue to have great results across the country with The Sound up 18,500 to 399,300 listeners nationally. RadioLive also saw an overall increase of 12,800 listeners to 217,600 across New Zealand.

Rova continues to go from strength to strength, gaining another 20,000 downloads since last survey period to a total of 320,000 and 17.2 million streams served to date. The app has 76,000 unique monthly users.

(MediaWorks, 5 July 2018, [www.mediaworks.co.nz](http://www.mediaworks.co.nz))

# UTILITIES

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Well, the shortest day has passed so summer must be just around the corner. Mike Jackson from Palmerston North reports that he is trying out his new Airspy HF SDR plus experimenting with antennas. I too have splashed out and purchased a Elad FDM S2. It certainly performs well at home with all the noise.

## FREQ UTC DETAILS OF TRANSMISSION

5643 1012 AKL / QANTAS 125 req Posn change, AKL unable due trf to advise later 18/7 RP

6507 0930 AUST metro marine WX costal areas ma sign on tx freq list adv wind and sea condition adv vmc/ reception poor 24/7 RP

6676 1900 Australian Volmet Good 23/7 ABDOP

6765.1 1853 Bangkok Meteorological Radio giving sea conditions in Thai 1857 Interval signal and EE ID good 23/7 ABDOP

8502 0525 USG New Orleans ? Male "US Coast Guard net" fair 23/7 ABDOP

8743 2145 Bangkok Meteorological Radio giving sea conditions in Thai 2149 Interval signal good 22/7 ABDOP

8867 0445 China 783 calling Auckl. gave position and selcal check Good 10/7 ABD

8867 0330 921 calling Auckland requesting a flight level change Good 14/7 ABD

8867 0346 Qantas 154 calling Auckland with a position report Good 14/7 ABD

8867 0026 Fiji 431 calling Auckl. w/ flight level 390 and selcal check gd 23/7 ABDOP

8867 2317 QANTAS 181 AKL Posn report. SC tones Queenstown WX runway adv as wet 21/7 RP

8867 2336 AKL / FIJI 411 REQ FL passing / Posn call on GND from Norfolk Is 24/7 RP

11387 0322 New York HF DL station with uplinks and squitters MJ

11387 2201 Australian Volmet fair 22/7 ABDOP

11387 2340 Bangkok Radio with aero weather 2343 "Bangkok Radio out" fair 22/7 ABDOP

13261 0407 Brisbane working Qatari 921 with a SELCAL check on EGFK MJ

13306 0314 Brisbane working Malaysian 125 with a SELCAL on FQCM MJ

13306 0316 Brisbane working Jetstar 7004 (Bali-Perth). Good two way comms MJ

## CONTRIBUTORS

**RP** Roger Pryde, Dunedin FRG YAESU 7700 20 metre long wire.

**MJ** Mike Jackson, Palmerston North Airspy HF + Inverted Delta Loop

**ABD** Arthur De Maine, Ashburton Elad FDM S2 couple to 30m long wire

**ABDOP** Arthur De Maine, Otago Peninsula Elad FDM S2 couple to a EWE

Those of us interested in aircraft communications will know that NASA's Stratospheric Observatory, 747 aircraft SOFIA is in Christchurch again this year. The aircraft was photographed at Christchurch airport by **Bryan Blanchard** of Timaru. Bryan has given permission for two of his photos to be published with this section. Thanks Bryan.

Arthur





# *On the* **shortwaves.com**

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

< [www.ontheshortwaves.com](http://www.ontheshortwaves.com)> Update, July 1, 2018 -- Under "DX History/Recordings" we have posted the audio and related graphics of two LP records that were issued in the 1960s, "For Shortwave Listeners" (1964) and "The Rarest DX in the World" (1967). Most are from stations that you would never have heard with the studio-quality audio on these records. -- And under "Specialized Resources," we have a new "Wavescan" entry: "Shortwave Radio Veritas Asia Closing."

< [www.ontheshortwaves.com](http://www.ontheshortwaves.com)> Update, July 8, 2018 -- We have already posted several items about the Rugby Radio Station, which was basically Britain's version of RCA's "Radio Central" on Long Island. It handled international communications on both longwave and shortwave. Under "DX History/Stations" we have posted another Rugby item, a 1935 pamphlet titled "Round the World by Radio-Telephone" (1935). It describes Rugby's important role in international radio telephone traffic, and also mentions (on the last page) Rugby's role in international program relaying. The pamphlet was apparently part of a larger package of items, as it mentions an "accompanying map designed by Mr. MacDonald Gill" (p. 2), "an accompanying leaflet" on technical matters (p. 3), and two posters containing Rugby Radio scenes (pp. 4 and 5). The Gill map is surely the same as the one for which copies are available at the eBay site of ArtCantHurtU < <https://www.ebay.com/str/artcanthurtu>> These are professionally-reproduced copies of the highly-stylized Gill map, which also contains several inset views of the Rugby setup. (The map is available in several sizes.) We have also posted a postcard with views of the Rugby station.

< [www.ontheshortwaves.com](http://www.ontheshortwaves.com)> Update, July 15, 2018 -- Some time ago, under "DX History/QSLs & Other Station Memorabilia," we posted an article, "Let's Hear It for Applause Cards," and since then we have posted a couple of additional cards. Now we have posted a group of 18 more cards. -- And in "Specialized Resources/Wavescan" we have these three new contributions from Adrian Peterson: "Radio Veritas Asia on Shortwave," with update (Wavescan N488, July 1, 2018); "Ancient DX Report: 1914, Pt. 2" (Wavescan N488, July 1, 2018); and "The Highest Powered Medium Wave Station in the Southern Hemisphere-5CK" (Wavescan N489, July 8, 2018).

< [www.ontheshortwaves.com](http://www.ontheshortwaves.com)> Update, July 22, 2018 -- Under "CPRV/The CPRV Gallery," we have posted a new group of Scandinavian club QSLs, mostly from the 1950s and 1960s. Look for "Scandinavian Club QSLs - Group 7" under "Shortwave Broadcast" (but two are MW).