

	<h1>New Zealand DX Times</h1> <p>Monthly Journal of the New Zealand Radio DX League (est 1948) January 2018 Volume 70 No. 4</p> <p><a href="http://www.radiodx.com">http://www.radiodx.com</a></p>	
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**From Adcom** - Welcome to 2018, Adcom would like to wish you all a very Happy New Year and we hope you all will continue to support the League and the DX Times as we enter our 70th year.

**Have you paid your annual sub yet?** No, good. **DO NOT pay it** - please refer to page 41 of last month's magazine. You have a free year's subscription (for existing members) to celebrate the club's 70th anniversary. If you have paid your sub, the Treasurer will credit it against the 2018-2019 subscription. Thanks to Ralph Sutton of Wellington for his donation.

**Mangawhai Convention - April 2018** - refer to the back page details for more news.

**A new shortwave station** - after month's of planning, 4KZ has finally begun transmitting on 5055kHz. I heard it at very good levels on the League's SDR and once power has increased to 1kw I am sure I will hear it in Malaysia.

**Another broadcaster switches off** - It has been reported via DX Dialog that the Solomon Islands Broadcasting Corporation has had its power cut due to an outstanding electricity bill of \$65,000. Hopefully this will be a temporary situation. More news of this in the respective SW and Broadcast pages. For more on the story refer to: <http://www.solomonstarnews.com/index.php/news/national/item/19768-sibc-battles-to-stay-on-air>  
Thanks to Bryan Clark for the link.

**More overseas FM flows into New Zealand** - it has been a good season for FM DX as more overseas signals come into New Zealand. The FM haven at Tern Point in Mangawhai is but one source, as Australian FM has also been reported in the Waikato, Taranaki and Canterbury.

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**Deadline for next issue is Wed 31st January 2018. P.O. Box 178, Mangawhai 0540**

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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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An Electronic magazine is available in Adobe PDF Format NZ\$20 for both New Zealand or International members. This is discounted to \$15 if paid before the end of December.

We are able to accept **VISA** or **Mastercard** (only for International members) **PayPal** is also available on request.

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Acct. name: NZ Radio DX League

Acct. number: 12-3089-0286191-00

Make sure your name is included

Club Magazine

The NZ DX Times. Published monthly.

Registered publication. ISSN 0110-3636



Printed by Oamaru Print & Copy Ltd., Oamaru.

<http://www.perfectprint.co.nz/>

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**CLOSING DATES FOR THE NEXT  
3 MONTHS 2017/2018**

**February      Wednesday 31st January**

**March          Wednesday 28th February**

**April           Wednesday 28th March**

**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://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.

**WEIRD AND WONDERFUL - SPOTTING THE SUNSPOTS OF LONG AGO**

It is said that there is nothing new under the sun - or even inside the sun, as Mike Askins KE5CXP told ARNewsline Listeners!.

He said "Sunspot patterns, it seems, have been a human obsession for at least 200 years -- at least that's what can be believed from a recent discovery made in the state of Maine.

A report that appears on Space.com tells of a journal found inside a small house in that New England state with pages containing writings from some 200 years ago. The subject? Sunspots!

The journal's contents in an academic paper coauthored recently by solar scientist William Denig of the National Oceanic and Atmospheric Administration and historian Michael McVaugh of the University of North Carolina at Chapel Hill.

The 19th century devoted sun-watcher was a Congregational minister named Jonathan Fisher. The clergyman had at one time practiced a more scientific look at the heavens as a math and science student at Harvard University in the 18th century. When he graduated, however, he took up the clerical cloth. Still, he never forgot his lessons in science and when the Northern Hemisphere experienced what historians recall as a "year without a summer" in 1816, the reverend kept meticulous drawings of his observations in those now-faded pages.

Clearly we have more advanced ways of tracking sunspots now but it's a comfort to know we hams aren't the only ones who have a tradition of keeping a watchful and sometimes nervous eye on the sky." Thanks to Ray Crawford and WIA Magazine

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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>

## **Farewell Bryan Marsh**

As mentioned in the magazine last month, Bryan sadly passed away just as we were going to press.

As well as the DX League, Bryan was heavily involved with the NZVRS and was a life member. The obituary below comes from David Crozier (NZVRS).

Life Member Bryan Marsh has died in his 94th year.

Bryan joined the NZVRS in 1982, becoming the NZVRS treasurer after Eric Reynolds in 1986 and continued in this role for another 11 years until 1997. Bryan was a pen and paper man; his auction process was dual entry foolscap sheets; one for the sellers and one for the successful bidders. Totalling up by hand was done in Bryan's head. He was also the organiser of finances in the several exhibitions the society had during that period, including a convention. Bryan's hand entries on massive spreadsheets tracking the attendee's accommodation, meals, payments and other preferences was legendary. In 1991 Bryan was made a life member of the NZVRS in recognition of the services he had afforded the society. During his role as treasurer Bryan was also the repository of the society's circuit information, until 1997 when Ernie Hakanson became the librarian and offered to accommodate both books and provide the circuit information service.

Bryan's residence at 20 Rimu Road, Mangere Bridge was the society's address for over 10 years and well known in the developing years of the society.

Bryan was a keen radio DXer and was a Radio DX League member – travelling the country in his famous motor home to various convention sites, often in the South Island, and visiting members on his travels. He would also like to attend the Warbirds Over Wanaka Air Shows if he could. Bryan had favourite breeds of radio that he enjoyed, and Eddystones was one of these.

Bryan was an early member of the Eddystone users club and was a dab hand at their maintenance – knowing more than most of their various foibles and especially the location of those tucked away components that gave a range of issues. Several times in his retirement Bryan ventured offshore to the UK, visiting family but also radio haunts, museums, collections, friends and members. Bryan was particularly impressed by Gerald Wells and the BVWS museum in London.

He was upset when his autographed copy of Gerald's book "Obsession – a lifetime in wireless" was misplaced and requested a complete search of the NZVRS library in case it had been inadvertently deposited there. In his later years Bryan was less active in society affairs but still actively involved with questions "from the floor". He was also the trustee of the "Crosley Pup", at that time the only radio set owned by the Society.

Bryan's health in 2016 declined, the motor home was sold, as was the car, his wife Betty went into care and Bryan suffered a series of strokes, mild at first, that left him with unfinished sentences. Soon too, Bryan entered a care facility and the house was sold.

At his 91st birthday celebration it was mentioned that Bryan's interests have included model aircraft, hydroplanes and DXing. He was in the Air force with a period in Fiji where he built a model flying boat. He built radio controlled yachts and sailed them on Lake Taupo. Bryan worked for Air New Zealand and had formed a friendship there with Bill Farmer. He was a keen fisherman and had owned a 12-foot 6-inch Spencer launch. Bryan's early hobby of model aircraft (rubber-band powered) gave way to the thrills of hydroplane racing. This was replaced by shortwave DXing using domestic radios, leading to an interest in communication receivers, especially the famous Eddystone and Philips sets. Vintage radio collection and restoration was

a natural progression. At 91, Bryan was still driving himself to meetings when his health permitted. He was even assisting the relatives of a deceased estate - creating a list of the radios and related material for their dispersal. Bryan had often done this over the years, sometimes even taking his motor home on site.

Ta Ta for Now, Bryan, RIP



Bryan Marsh in 1984 tuning a Philips 8RO - 501 with motorised drive dial

I first met Bryan at the League's 1968 convention and regularly at national conventions (often accompanied by his wife Betty) for almost 40 years thereafter. We had the added link of both being in the airline industry, and that connection extended to Bryan's prowess with model aircraft – I believe he represented NZ internationally in model glider competitions. When we moved to Auckland in 1979 I was able to regularly catch up with Bryan at Auckland Branch meetings and my Eddystone 680X benefited from Bryan's technical prowess. Sad to lose another of the characters that made our hobby such a colourful one.

**Bryan Clark, Mangawhai**

I only met Bryan a handful of times at the few conventions I have attended. He was warm and was always tinkering with a radio. He and his wife, Betty, arrived in a camper van with a wonderful sticker on the back which said something about Mum and Dad spending the kids inheritance! A wonderful idea. In every convention photo there was Bryan with a radio held aloft. He was a true character and our hobby is the poorer for his passing.

**Stu Forsyth, Mangawhai**

I first met Bryan when attending my first Auckland Branch meeting way back in 1978 and soon after that first meeting I was invited to his place at Mangere Bridge. Bryan had a love for vintage radio receivers, many of which were stored in a shed behind his house, or it may have been the garage, (memory a little hazy). Bryan also collected information on modifications to a large number of receivers and this information would always be shared others.

Bryan and his wife Betty would often turn up at conventions in their Campervan and he would always produce some sort of portable receiver. I can remember him arriving at one Camp Iona convention with one very large portable radio.

Bryan will be missed especially in League and vintage radio circles.

**Arthur De Maine, League President, Ashburton**

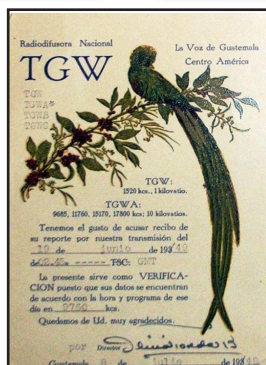
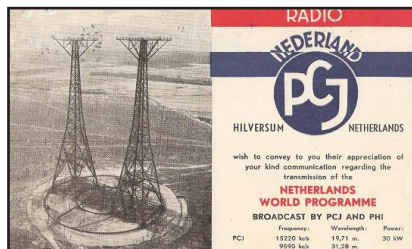
## 70 YEARS AGO

We continue our look back 70 years ago to the foundations of the NZ Radio DX League, with extracts from publications of the time.

The January 1948 edition of 'DX Bulletin (NZ) reported "DXing over the holiday period was disappointing but since then conditions have improved and early morning Yanks are providing many new loggings."

The page and a half of shortwave news included numerous exotic and long-gone Latin stations including HC4FA La Voz de Manabi in Portoviejo Ecuador on 4765; HI2T Dominican Republic on 5970 and 7275; YSHQ El Salvador 6510; Des Hickey of Petone logged YNBH Radio Panamericana in Managua on late on Christmas Day and HJCF Bogota 6240 with all night broadcast on New Years Day; YNCNM Nicaragua 6715; CE920 Radio Ejercito Chile 9200; XEBT Mexico City on 9625; LRA1 Argentina 9690 announcing plans to increase power to 20kw and then 100kw to become the most powerful station in South America; Arthur Cushen reports HCJB Ecuador with English news at 5pm, and Mailbag 5.05pm Sundays. Ross Gibson of Dunedin had reports away to TGWA, HCJB, HER3 and replies from HCJB 12458, VLB10, VLA6, VLG5, VLA7, VLR, SBP, HER5, PCJ and KRHO 9650.

Half the magazine features North American MW news and loggings. Hector McMillan of Glen Oroua advised verifications in from KRGV, KOOL, CHVC (Niagara Falls, Ontario on 1600), KPMC and WLAC. Keith Robinson in Kapuka had a nice list of QSLs too – KOOL, KOCK, KUSN, CKNW, 6WN, KRUL, KUOA, WDAY, KNAK, CKWX, WDSU, KSRV & Singapore 1333. Across the Tasman there is news of new ABC stations soon to start broadcasting – 4QB Pyalba Queensland on 560, 2NB Broken Hill and 2NU Manilla NSW.



# MAILBAG

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Happy New Year! And I trust all your celebrations for Christmas and the calendar flip into 2018 went well. It's a big year for the League, as our 70th anniversary will be marked in a few months with the convention at Mangawhai.

**Douglas Johns, Christchurch** made sure he could claim opening spot with an early contribution ahead of holiday travels. "I'm early for the next DX Times, but that is only because I have something to report, and because we are going to Brisbane for Christmas - where it is as hot as it is here in Christchurch. A night in Fairlie, South Canterbury, saw loggings go to the Sound on 104.7, and a hitherto unknown LPFM station, GEM-FM on 88.3. And both have verified. GEM-FM operates from the south end of Fairlie from 18 Nixons Road. V/s is Trevor Allan whom I met, and he tells me he has plans to turn what is now continuous music into a community-orientated station when he gets the time. I see that you are going on, I presume, a cruise for the holiday period. Season's greetings and I hope that 2018 lives up to expectations." *(Thanks, Douglas. Your guess is correct – I'll try to keep my ravings 'short' further down the column.)*

**Ian Wells, Mosgiel** has a reply from a location appropriate for the Season. "Hope your Christmas was happy and safe. I have now verified my fifth Alaskan mediumwave station with a really nice letter and colourful e-QSL from KJNP, North Pole, on 1170 kHz signed by Joy Swedberg in response to a report emailed to <kjnp@mosquito.net>. Also emails confirming: KHKA, Honolulu, 1500 kHz from Mike Kelly <mkelly@espn1420am.com>; KLOK, San Jose on 1170 kHz from 'Franco' (I presume this is Franco Miranda, Director of Production and Promotions) <info@klokmedia.com>; KFI, Los Angeles on 640 kHz <robinbertolucci@iheartmedia.com>; and CFAC, Calgary, on 960 kHz <feedback@sportsnet.rogers.com>." *(I appreciate the humour with that email address from KJNP!)*

**Stu Forsyth, Mangawhai** as of the deadline for the January 'Times' was busy preparing his soon-to-be home base. "I had a little time to do some DXing before returning to New Zealand. Verified from the League's SDR are: KFNQ 1090 Seattle WA, KBBI 890 Homer AK, Kiribati 846 and 1440, CJRJ 1200 Vancouver BC (thanks Theo for the important contact info) and Gold FM Suva 990. I have logged AIR 15185. Meanwhile in sunny Mangawhai, there have been too many boxes to unpack. My aerials have arrived from the South Island but I have not been able to get at them because they are in the far corner of the garage and there is a wall of boxes between me and them! Hopefully before I go back to Malaysia I may be able to reach them!" *(Ugh... packing, moving, unpacking. It's bad enough crunching a suitcase for travelling. Glad to be of help; as I wrote to you when you mentioned CJRJ on <dxdialog>, I think that's the first time I've noticed it pop up in NZ, though I might be wrong.)*

**Ian Cattermole, Blenheim** is definitely back in the swing of things. “Here are a few (very) SW veries received during December: Reach Beyond Australia 11900 & 9610; TWR-India via TCH 9950; Radio Vaticana via N. Marianas 7330; and Radio Vaticana via the Philippines 9695 khz. That’s all for another year.” *(OK, you have me stumped. Where is TCH? Possibly Tashkent/Toshkent? Another year, and eleven more chances to confuse me which is easily done.)*

**Bryan Clark, Mangawhai** was quick off the mark with the latest shortwave addition across The Ditch. “One QSL has come in from FRS-Holland 6284 and a report out to 4KZ Innisfail 5055. But it hasn’t been a good month for me on shortwave or medium wave DX, apart from the surprise arrival of Radio Kiribati’s new Christmas Island station. Two reasons - the FM DX season is in full swing, and I have been experiencing significant QRN across MW and SW bands which I suspect is coming from absentee neighbour’s house about 340 metres away - he installed BPL (Broadband over Powerlines) in early December to provide a WiFi network for his security cameras, and my DX opportunities took a dive at the same time. When he arrives to stay for the summer holidays, I will be discussing a temporary shutdown of his system to validate it is my issue, then I will be seeking professional advice on how to eliminate or mitigate the problem. Sad to learn of the passing of Bryan Marsh - first met him at the 1968 Convention and regularly thereafter at conventions or Auckland Branch meetings from the 1980s onwards. He helped tweak my Eddystone receivers in the early days. All the best for Christmas, and may 2018 bring improved DX for all!” *(Oh, not good news about BPL, nor about Bryan Marsh; you and I also climbed Ayers Rock with him 40 years ago... ouch.)*

And continuing with travels, as teased above, I spent 14 nights on a circle cruise of the western Indian Ocean out of Port Louis, Mauritius during the second half of the month. I should have had Douglas Johns on hand to figure out what was going on in Mauritius as my 2016 WRTH listings for FM didn’t seem to match up with reality!

Three AM’ers are active: 684 (in mostly brief daytime checks) had a good but not overpowering signal where I spent a couple of days pre-cruise on the SE coast, and was carrying Kool FM in French (the other French service on FM only was Radio One, pronounced as in EE) – 819 had a thumping signal at Blue Bay near the airport and appeared to be carrying Best FM in Hindi, plus short bursts of Chinese – and 1575 was poor with BBC World in English. I’m guessing 684 and 819 still share a site near Curepipe so why there’d be a noticeable difference in reception is a good question.

My taxi driver to the ship was an entertaining elderly gent who was intrigued when I asked about the station on his radio (Best FM). He pointed out the former MBC building as we passed through Curepipe but they now have a massive building closer to Port Louis, and just as importantly he pointed out the nearby Phoenix brewery after asking whether I’d tried the local beer! Do you need any answer to that?

On board, my dinner sitting was late so any evening checks were in the region of 10.30 pm and later – either 1830 or 1930 UT, depending how far west we were. Very casual observations basically boiled down to lots of Iranians and Arabic stuff on MW; VoA 909 from northern Botswana was a powerhouse along with the parallel on 4930 – the Beeb on 3255 and Sonder Grense 3320 were easy pickings any night – and once we were on East African Time/UT+3, my check turned up presumed Madagascar at very poor strength/modulation on



5010. Also surprising was how weak RN Angola was on 4950 – ditto for ZBC/11735.

Thurs 21 Dec, the evening before the ship's call at Zanzibar, it was covered by a religious outfit in Portuguese till 2000 UT; is there really a 50 kW Brazilian called R. Transmundial as listed in the WRTH and Aoki? A hugely dominant African on 6090 was presumably Kaduna. One evening only, 999 had a Slavic language (I can't tell the difference between Russian/Ukrainian) and since returning home, I think that must have been TWR/Kishinev-Grigoriopol which is listed as having a weird schedule.

Another evening, 4965 had Voice of Hope from Zambia thundering in with its American-style presentation, never to be heard again, till I realised after looking at Aoki that they use the frequency Mon-Fri only and my re-checks had been on weekends. Gee!

The Friday morning in Zanzibar, I was on deck about 8 am and 585 and 6015 were definitely on air. During a shore tour, I asked the local guide during a stop north of Zanzibar Town about how far we were from Dole? Eyes glaze over – tourists ask strange questions -- till I mentioned ZBC... ah, we're 'in' Dole... the tx site was maybe ten mins drive away, but banana palms and other trees kept any sighting, um, out of sight.


The first two calls had been in the Seychelles; I'd recalled there should've been a MW tx still on-air, but never heard it, so maybe it isn't? The other major highlight (for me) was the call at Mamoudzou on Mayotte's Grande Terre, in the Comoros. I took a ferry across to the old French colonial capital at Dzaoudzi and wandered to look for the now 'Mayotte Premiere' location but never found it. Anyone with an old ORTF QSL card for 3331 will have a view of the causeway. The last call was La Réunion: no MW as the two tx's (and the one on Mayotte) closed during 2017.

And suddenly, I'm back home with a deadline to Stu that's overdue. But he's relaxing in the Winterless North, probably grinding his teeth, waiting.

Welcome to 2018... 73

Theo

*[Not at all - just waiting for the entertainment that is your counn! Happy New Year, Theo.]*



**BEST FM**  
suné raho  
YOUR NO 1 MUSIC STATION

<b>NORTH   SOUTH</b>	<b>103.5 MHz</b>
<b>EAST   WEST</b>	<b>96.4 MHz</b>
<b>CENTRAL</b>	<b>99.4 MHz</b>

# BANDWATCH UNDER 9MHZ

Editor  
Ian Wells  
Dunedin

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Welcome to January, and to a brand new year! I hope everyone enjoyed a really good Christmas break and is looking forward to getting back to serious listening, and that you all follow through on those New Year resolutions to contribute all your logs to this column!

If you don't get a clear ID, or if there's any doubt about the station, please show the logging as tentative. Please also provide as much information as you can, including the date and the language of the broadcast, while keeping your notes concise.

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

5055	0843	AUSTRALIA 4KZ Innisfail testing w/500 watts 21/12, fair strength w/pops, adverts, Macquarie National News, annc't "The KZ Network, now on shortwave 5055 kiloHertz, in the 60 metre band..." and request for reception reports. BCM
5055	0914	AUSTRALIA 4KZ Innisfail, fair with local advts and ID 21/12 JD**
5845	1800	ARMENIA R Mi Amigo via Gavar Christmas special, good level 24/12 JD
5860	1730	KUWAIT Radio Farda fair in Persian with pop songs. 05/12 BC
5935	1700	TAIWAN RTI good in Russian 9/12/17 also noted much better 11/12/17 BDW
5935	1800	ROMANIA RRI poor in English 9/12/17 BDW
5935	1800	ROMANIA. RRI. Weak in English. (PBS Lhasa off at 1759.) 1/12. IC
5965	1750	TURKEY Voice of Turkey Emirler fair in Azerbaijani, back to back songs 07/12 BC
5980	1806	TURKEY TRT fair, Turkish sports commentary // 6120 god reception, 9/12/17 BDW
5990	1814	ROMANIA RRI Galbeni fair with talk in Romanian 06/12 BC
6030	1840	CANADA CFVP Calgary fair in English, Voice of the World religious talk 04/12 BC
6060	1640	CHINA CRI good in Mandarin 17/11/17 BDW
6090	0613	ANGUILLA Caribbean Beacon reactivated briefly 5/12 w/Melissa Scott preaching, very good w/improved modulation. Not heard since. BCM
6155	0829	SOUTH KOREA KBS good in Japanese 24/11/17 BDW
6185	1600	TAIWAN RTI poor in English 11/12/17 BDW
7120	1705	SOMALIA R Hargaysa good in Somali with talk and local songs 28/11 BC
7330	1230	N.MARIANAS. Radio Vaticana. fair in Russian. 6/12. IC
7360	0610	ROMANIA RRI Galbeni fair in French with Southern Europe service 14/12 BC
7500	1215	GUAM. KTWR. Good in Japanese. Sundays only. 10/12. IC
7550	1815	INDIA All India Radio Bengaluru fair in English with talk on South Africa 22/12 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 be able to as well, and it all counts as DX.

## Contributors

<b>BC</b>	Brian Carr	Christchurch	Icom IC-R70 receiver, EWE antenna
<b>BCM</b>	Bryan Clark	Mangawhai	WinRadio G33DDC and AOR7030+ receivers, EWEs to North, Central & South America.
<b>BDW</b>	Brian Webb	Upper Hutt	DE-1103 and AR-1733 with whips
<b>IC</b>	Ian Cattermole	Blenheim	JRC NRD535, EWE antenna
<b>JD</b>	John Durham	Tauranga	Icom IC-R70 receiver, Eavesdropper trap dipole antenna – and via the League’s Northland SDR

Contributions to this column may be sent to either [nzrdxlunder9@gmail.com](mailto:nzrdxlunder9@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 0504.

### Overseas (Australian) contribution

Rob Shepherd, a new member of the League based in Toowoomba, Queensland, using a JRC NRD535-D using balanced 80' long wire, plus balanced EWE, has shared the results of his recent listening. I have taken the liberty of editing some of his loggings that are relatively common here in NZ. While reception may not be possible in New Zealand at the times listed, or at all, it certainly makes for interesting and challenging reading.

<b>Freq</b>	<b>Time</b>	<b>Details</b>
4010	1750	KHIRGIZ, Bishkek. Tent, male and female in conversation, v weak 20/12 RS
4750	1640	CHINA CNR1 Hailar, mixing with presumed R Bangladesh Betar, 20/12 RS
4760	1300	INDIA - Andaman & Nicobar Isl. All India Radio, Port Blair, very weak. Recent email query to AIR Station Manager transmitter power is 4 kW 19/12 RS
4760	1630	SWAZILAND TWR Manzini at s/on in English, then Portuguese to Angola and Mozambique 20/12 RS
4800	1230	INDIA AIR Hyderabad fair in Hindi over co-channel CNR1 China 19/12 RS
4810	1155	INDIA AIR Bhopal, Hindi talk px Fair to good level 19/12 RS
4885	1650	SOUTH KOREA Echo of Hope / Voice of Hope in KK with jamming 20/12 RS
4885	1925	SOUTH KOREA (?) VOA in KK. ID on half hour as “VOA World News” then back into KK px with pop songs and elongated KK id “V_O_A” 22/12 RS
4905	1655	CHINA PBS Xizang fair ending EE px, then at 1700 into Tibetan. 21/12 RS
4910	1705	INDIA AIR Jaipur (presumed) v weak with Indian traditional music 20/12 RS
4920	1030	INDIA AIR Chennai mixed China PBS Lhasa 21/12 RS
4920	1710	CHINA PBS at good level in // with 4905 above 21/12 RS
4949.7	1820	ANGOLA (tent) Radio Nacional de Angola, weak at greyline 4.20 am Qld time, discernable hi life and PP style mx with deep fades. Channel A PP service with anncts to 5 am (1900 UTC). Never before heard Angolans in Sth East Qld, 20/12 may have provided ideal propagation with no ionospheric weather storms RS
4965	1820	ZAMBIA Voice of Hope, Lusaka fair with EE religion prgm // 6065 19/12 RS
4970	1040	INDIA AIR Shillong very weak, better at 1720 21/12 RS
5010	1245	INDIA AIR Thiruvananthapuram weak with classical Indian music 19/12 RS
5040	1300	INDIA AIR Jeypore weak in local lang, noted at 1730 with EE nx 19/12 RS
6050	1800	TURKEY Voice of Turkey with EE nx for Europe 19/12 RS
6070	1900	GERMANY Radio Channel 292, Rohrbach 25kW with music. Tuned in at 1958 to find the station jammed from the Kall-Krekel site, also in Germany 25/12 RS

6130	1850	SWAZILAND TWR Manzini s/on at good level in various languages RS
7182	1800	ERITREA Asmara good with possible mews in local language, music from 1815 18/12 RS
7237	1555	ETHIOPIA Radio Ethiopia at good level with typical Ethiopian vocals and stringed instruments. Drifting from nominal 7235. 20/12 RS
7255	1900	NIGERIA VON Lagos fair in EE over CRI in Turkish 18/12 RS
7290	1945	ITALY IRRS Classical mx px. at good level. S/off anncts at 2000 "This is IRRS shortwave signing off from Milan Italy".24/12 RS
7340	1255	INDIA AIR Mumbai fair in listed Sindi language 21/12 RS
7345	1310	THAILAND Thazin Radio, Thai army station in Shan language, fair kixed with CNR1 China 19/12 RS
7550	2045	AIR Bengaluru in EE to UK and West Europe 18/12 RS

### Overseas (USA) contributions

Note that reception may not be possible in New Zealand at the times listed

Freq	Time	Details
3320	0256	SOUTH AFRICA Radio Sonde Grense, Meyerton, good in Afrikaans with news and IDs at 0300 and more announcements at 0320 during music program 16/12/17 RDA
7490	0015	USA WBCQ Monticillo using back up transmitter with fair signals on peaks but deep fades during religious talk 17/12/17 RDA
5905	2149	FRANCE R Algerienne, Issoudun, Quran readings and music, close 2200 01/12/17 RDA
5960	2336	TURKEY Voice of Turkey, Emirler, English programming and music poor to fair until close 2350 01/12/17 RDA
7240	0500	CLANDESTINE (Nigeria) Radio Biafra, Issoudun, English announcements at s/on ("This is Radio Biafra coming to you from London"), music features and talks in EE, Poor to fair. Noted //11530 via Okeechobee 03/12/17 RDA
7285	0318	UNITED ARAB EMIRATES, BBC via Dhabayya, poor in Arabic until close 0400 03/12/17 RDA
7285	0400	ENGLAND BBC via Wooferton, also poor in Aravic after UAE site closed 03/12/17 RDA
5930	2157	GERMANY Grüss An Bord – NDR via Nauen, annual broadcast in German for those at seas with Christmas songs and live call ins. At 2248 in English wishing listeners a "Merry Christmas and Happy New Year". Fair until WWCR opened on 5,935 at 2259 24/12 RDA
6020	0446	ROMANIA RRI Galbeni fair in English until close 0455 23/12 RDA
6185	0502	MEXICO Radio Educación fair in Spanish, continuous songs 23/12 RDA

### Overseas Contributors

**RDA** Rich D'Angelo Wyomissing, PA Ten-Tec RX-340, Drake R-8B, Eton E1, Eton E5, Alpha Delta DX Sloper, RF Systems Mini-Windom, Datong FL3, JPS ANC-4



# BANDWATCH OVER 9MHZ



Editor

Kelvin Brayshaw

email

Levin

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If unsure of ID, item should be marked 'tentative'.  
Please avoid duplicate items appearing in consecutive editions.

<b>kHz</b>	<b>UTC</b>	<b>Country, Station, Programme, &amp; Reception Details</b>
9410	0207	TURKEY, TRT. Poor in Spanish // 9650 excellent – 11/12 BDW
9415	0900	CHINA. CRI. VG in English. 3/11. IC
9445	1400	GUAM. KSDA. Poor in Chinese after English IDs. 4/11. IC
9445	1410	GUAM, KSDA AWR. Good in Chinese – 22/11 BDW
9445	1600	AUSTRIA. AWR via MOS. VG in Urdu after English IDs. 1/12. IC
9490	0253	FRANCE, R.Republica. Poor in Spanish; 0300 ID; improved to fair by 0330 – 17/12 KB
9510	0310	VATICAN, Afia Darfur. Poor/fair in Arabic, ma; Off 0330 – 3/12 KB
9510	0330	UAE, VOA. Fair/good in Somali // 9825 weak, 11750 weak/poor - 3/12 KB
9610	1300	AUSTRALIA. Reach Beyond Australia. Poor in Hindi after English IDs. 12/12. IC
9635	0910	VIETNAM. VOV. (Presumed) CG in Vietnamese. 3/11. IC
9695	1230	PHILIPPINES. Radio Vaticana. Fair in Russian. 15/12. IC
9700	0400	TURKEY, TRT. Excellent in Turkish – 11/12 BDW
9720	1700	BULGARIA, Dimtse R. Erena. Good in Tigrinya; ma nx; fa IDs. Off 1800 – 9/12 KB
9745	1300	ARMENIA. TWR-India. via Yerevan. Good in English. (Announcing as 9410?) 16/11. IC
9745	1435	(Site Unknown), TWR. Very good in English – 23/11 BDW
9785	1443	TURKEY, TRT. Good in Kazakh – 11/12 BDW
9825	1900	VATICAN, Afia Darfur. Very good in Arabic // 11615 fair/poor - 2/12 KB
9840	1900	AUSTRIA. AWR via MOS. Poor in Hausa after English IDs. 4/12. IC
9910	1245	ARMENIA. TWR-India.via Yerevan. Good in Kui. 11/11. IC
9950	1345	UZBEKISTAN. TWR-India. via TCH. VG in Marwari. 20/11. IC
11530	0520	USA. Radio Biafra via WRMI. Fair in English. 25/11. IC
11735	0930	N.KOREA. VOK. Fair in Russian. (No doubting who this one is) 3/11. IC
11825	0900	USA. WHRI. Good in English. 14/12. IC
11905	0430	OMAN, BBC. Good in Farsi // 9440 weak/poor - 3/12 KB
11905	1030	GUAM. KTWR. Poor in Chinese after distinctive KTWR tuning signal. 10/11. IC
11980	0700	GERMANY. AWR via Nauen. Good in Arabic. 14/11. IC
11980	0741	GERMANY, AWR (NAU). Good in Arabic – 23/11 BDW
11995	1530	AUSTRIA. AWR via MOS. Good in Punjabi after English IDs, 9/11. IC
12040	1300	AUSTRALIA. Reach Beyond Aust. Fair in Bengali after EE IDs. 7/11. IC
13695	0350	INDIA, AIR. Excellent in Hindi – 25/11 BDW

13695 1454 INDIA, AIR GOS. Excellent in English – 23/11 BDW  
 15195 0309 JAPAN, NHK. Poor in Japanese – 24/11 BDW  
 15460 1207 ROMANIA, RRI. VG in EE // 17650 good, 17765 fair, 21490(tentative) poor  
 – 11/12 BDW  
 15590 0252 JAPAN, NHK. Fair in Japanese – 24/11 BDW  
 17650 1200 ROMANIA. RRI. Poor in English. 26/11. IC  
 17810 0329 JAPAN, NHK. Good in Japanese – 24/11 BDW  
 17840 1534 FRANCE, DWR. Poor with Bundesliga – 9/12 BDW

### Overseas Contributions (Edited)

9650 2126 GUINEA RadioGuinee – Conakry, 2126-2145\*, highlife mx; MA; talk in  
 French & ID. Program ended suddenly in mid-song. Good - 1/12 RDA  
 9720 1746 9720 CLANDESTINE Radio Erena – Sofia, 1746-1800\*, two men in  
 Arabic; some laughter & periodic mx. ID and freq anncmnts by MA; then  
 instr mx until carrier cut. Fair – 24/12 RDA  
 11530 1943 CLANDESTINE Radio Herwa International – Okeechobee, 1943-2000\*,  
 tribal singing then MA in presumed Hausa incl ID & poss contact info. IDs  
 during prgm. WRMI ID prior to carrier cut. Has this replaced Radio Biafra?  
 Good signal. – 23/12 RDA  
 11855 0414 BRAZIL Radio Aparecida, 0415-0506, MA in Portuguese; ID; mx & vocals .  
 Fair signal but deep fades. – 24/12 RDA

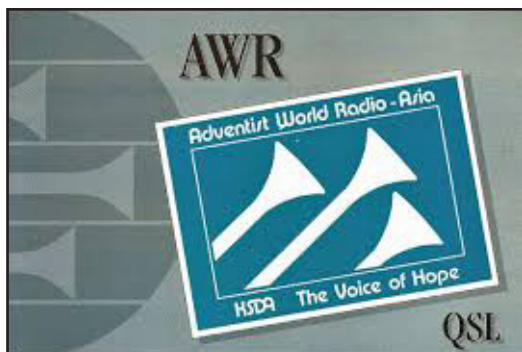
### Contributors

BDW	Brian Webb	Upper Hutt	DE-1103 & AR-1733 with whips.
IC	Ian Cattermole	Blenheim	JRC NRD-535. EWE.
KB	Kel Brayshaw	Levin	2 x PL-660s, Whips linked.
RDA	Richard D'Angelo	Wyomissing, PA	RX-340, R-8B, Eton E1,E5, AlphaDelta DX Sloper, RF Systems Mini-Windom, Datong FL3, JPS ANC-4

Your input much appreciated, thank you.

73

*Kelvin*



# ENGLISH IN TIME ORDER

Editor

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Time Order summary of Ken's BandWatch Under 9MHz & Kelvin's BandWatch Over 9Mhzcolumns. 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. For propagation forecasts please refer to Mike's column.

\*\*\*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
0520	11530f	Radio Biafra	USA	25/11	IC
900	11825g	WHRI	USA	14/12	IC
900	9415g	CRI	CHINA	3/11	IC
1200	17650p	RRI	ROMANIA	26/11	IC
1207	15460g:17650g	RRI	ROMANIA	11/12	BDW
1207	17765f:21490p	RRI	ROMANIA	11/12	BDW
1300	9745g	TWR	ARMENIA	16/11	IC
1435	9745g	TWR	ARMENIA	23/11	BDW
1454	13695e	AIR	INDIA	23/11	BDW
1600	6185p	RTI	TAIWAN	11/12	BDW
1800	5935p	RRI	ROMANIA	1/12	IC
1800	5935p	RRI	ROMANIA	9/12	BDW
1815	7550f	All India Radio	INDIA	22/12	BC
1840	6030f	Bible Voice	GERMANY	4/12	BC



# SHORTWAVE REPORT

Editor

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## AUSTRALIA

### Email from Al Kirton

We are pleased to advise that as part of our 50th Anniversary celebrations, Radio 4KZ shortwave 5055 kHz commenced transmission yesterday afternoon. Reports have come in from as far as Monterey, California USA.

Unfortunately, during the next 2 weeks we will be running on half power at 500 watts. Transmission is from the 4KZ (am 531 – 8kW) & 4AY (am 873 – 1 kW) site at east Innisfail in Tropical North Queensland. We use a USA made LPB 1.2 kW shortwave transmitter feeding an Inverted V antenna at about 14 metres high at the peak. The transmitter audio is via an Australian-made Crusher digital audio limiter.

The system is designed to cover the Cape York area of Queensland and the Northern outback. Fortuitous reception is available at times over a much wider area. Transmission hours will be approximately 0500 to 2300 hours GMT (3pm to 9am Queensland time.)

We welcome reception reports. All confirmed reports will receive a 4KZ shortwave QSL card. No return postage is required. Reports should be sent to me, Al Kirton al@nqradio.com.au Or by regular mail to Radio 4KZ, PO Box 19, Innisfail Queensland 4860 Australia. (Via Al Kirton. 21 Dec) [Noted via league SDR at 0914 on 21st at a fair level. Editor]

## DENMARK

New website of World Music Radio [www.wmr.radio](http://www.wmr.radio). mentions two shortwave frequencies along with the already announced medium frequency of 927 Copenhagen.

5840kHz Europe & 15805 kHz Europe (coming soon)  
(Via Marcel Rommerts [mediumwave.info](http://mediumwave.info) 27 Nov. via BDXC communications Dec)

## INDIA

4760 AIR Port Blair. During the last few days I am getting much better signals of AIR Port Blair on 4760 kHz. When I contacted the station today, I was told that they have improved the transmitter lately with new spare parts.

(Via Jose Jacob-IND VU2JOS, Nov 16, dx\_india yg, dxld Dec 5)

All India Radio on SW in frequency order (Home & External Services)B-17 schedule, by VU2JOS of 16 Nov 2017

kHz	kW	Station and State	Local Language	Zone, UTC (Target Area)
4760	7	Leh Jammu & Kashmir Ladaki		N s0130/w 0213-0430 1130-1630
4760	4	Pt Blair Andaman & Nicobar Hindi		S 2355-0300 1030-1700 (Sat, Sun 1730)
4800	50	Hyderabad Telangana	Telugu S	0020-0215 1130-1744
4810	50	Bhopal Madhya Pradesh	Hindi W	0025-0215 1130-1742



4835	10	Gangtok Sikkim	Sikkimese	NE 0100-0500 1030-1700
4870	100	Delhi (Kingsway) Delhi Nepali		N 0230-0330, 1330-1415 1430-1530
4895	50	Kurseong West Bengal	Nepalese	E 0055-0400(Sat Sun 0430) 1130-1700 (SatSun 1741) (OffAir)
4910	50	Jaipur Rajasthan	Hindi N	0025 0430(Sun 0530) 1130-1741
4920	50	Chennai Tamilnadu	Tamil	S 0015-0245 1200-1739
4950	50	Srinagar Jammu & Kashmir	Kashmiri	N s0030/w0100-0215 1120-1743 (2115v-2215v) for Ramzan Special broadcasts)
4970	50	Shillong Meghalaya	Hindi/English	NE 0025-0400 1056-1741
5010	50	Thiruvananthapuram Kerala	Malayalam	S 0020-0205 1130-1745
5040	50	Jeypore Odisha	Odiya	E 0025-0436, 0700-0915, 1130- 1741
5050	10	Aizawl Mizoram	Mizo NE	0025-0400 1130-1630 (Off Air)
5990*	250	Delhi (Khampur) Delhi		N 0100-0200 Sindhi (Pakistan)
6000	7	Leh Jammu & Kashmir	Ladaki	N 0700(Sun 0630)-0930
6030	250	Delhi (Khampur) Delhi		N 0200-0230, 1215-1430  (Uttarakhand px); 0230-0330, 1430-1530
6040	50	Jeypore Odisha	Odiya	E (Off Air)
6045	250	Delhi (Khampur)	Delhi	N 2245-0045 Eng (E SE NE Asia)
6085	10	Gangtok Sikkim	Sikkimese	NE Special b/casts in day time
6100	250	Delhi (Khampur) Delhi		N 0730-0830
6100	250	Delhi (Khampur) Delhi	Hindi	N 0900-1200 (Vividh Bharati)
6110	50	Srinagar Jammu & Kashmir	Kashmiri	N 0225-1115
6145*	250	Aligarh Uttar Pradesh		N 0015-0430, 0830-1130 Urdu (Pakistan), 1130-1140 HS
7230	50	Kurseong West Bengal	Nepalese	E 0620-1030 (Off Air)
7250	100	Delhi (Kingsway) Delhi		N 0830-1130 Urdu (Pak),1130- 1135 Hindi,1135-1140 English HS
7270	100	Chennai Tamilnadu		S 0000-0045 Tamil, 0045-0115 Sinhala (Sri Lanka), 0130-0430 HS (FM Gold) 1000-1100 English, 1115-1215 Tamil, 1300-1500 Sinhala (Sri Lanka)
7290	50	Thiruvananthapuram Kerala	Malayalam	S 0230-0930(Sat, Sun 1030)
7295	10	Aizawl Mizoram	Mizo	NE 0700-1000 (Off Air)
7315	50	Shillong Meghalaya	Hindi/English	NE 0656-0931
7325	50	Jaipur Rajasthan	Hindi	N 0630-0931
7340	100	Mumbai Maharashtra		W 0015-0430 Ur, 0830-1130 Ur, 1130-1140 HS, 1230-1500 Sindhi, 1500-1600 Baluchi (Pakistan)
7380	100	Delhi (Kingsway) Delhi		N 0100-0200 Sindhi (Pakistan)
7380	50	Chennai Tamilnadu	Tamil	S 0300-0930 (Sun 1130)
7390	4	Port Blair Andaman & Nicobar	Hindi	S 0315-0900
7420	50	Hyderabad Telangana	Telugu	S 0220-0930 (Sun 1030)
7430	50	Bhopal Madhya Pradesh	Hindi	W 0225-0932 (Sun 1032)
7505	100	Delhi (Kingsway) Delhi	Nepali	N 0130-0230, 0230-0245 Hindi HS, 0245-0300 English HS

7505*	250	Panaji Goa	W 1615-1730 Hindi, 1730-1830 Malayalam (ME)
7520	250	Delhi (Khampur) Delhi	N 0015-0430 Urdu (Pak), 0700-0800 Nepali, 0830-1930 Urdu
7550	500	Bengaluru Karnataka	S 1745-1945 English, 1945-2045 Hindi, 2045-2230 English (UK & W.Europe)
7550*	500	Bengaluru Karnataka	S 2245-0045 English (EaSEAsia) (ex 9690)
7555*	100	Delhi (Khampur)	1215-1330 Tibetan(China), 1330-1430 Nepali,1515-1530 Hindi HS, 1530-1600 English HS (ex 6155/7505)
9380	250	Aligarh Uttar Pradesh Bhar.)	N 0100-0435,0830-1200(Viv.
9380	250	Aligarh Uttar Pradesh	N Hindi/English 1320-0043 (Nat Channel)
9445	500	Bengaluru Karnataka	S 1745-1945 English, 1945-2045 Hindi,2045-2230 English (Europe)
9445	500	Bengaluru Karnataka	S 2245-0045 Eng. (E/SE/NEAsia)
9575	500	Bengaluru Karnataka	S1215-1330 Tibetan (Tibet)
9595*	250	Delhi (Khampur) Delhi	N 1615-1715 Russian (Europe) (ex11620)
9620	250	Aligarh Uttar Pradesh	N 0100-0200 & 1230-1500 Sindhi, 1500-1600 Baluchi (Pakistan), 1615-1730 Persian, 1730-1945 Arabic (W.Asia), 1945-2045 French (We NW Africa)
9690	500	Bengaluru Karnataka	S 1330-1500 English (Ea SEAsia)
9705*	250	Panaji Goa	W 2245-0045 English (Asia)
9800	500	Bengaluru Karnataka	S 0130-0230 Nepali (Nepal)
9810	250	Panaji Uttar Pradesh	N 1115-1215 Tam, 1215-1245 Tel (SoEaAS)
9835	100	Delhi (Kingsway) Delhi	N 0000-0045 Tamil (Sri Lanka)
9865	500	Bengaluru Karnataka Hindi	S 0025-0440, 0900-1200, 1245-1740 (Vividh Bharati)
9910	250	Delhi (Khampur) Delhi	N 0215-0300 Pushtu, 0300-0345 Dari (Afghanistan, Pakistan)
9910	500	Bengaluru Karnataka	S 2045-2230 English (A/ NZ), 2300-0000 Hindi (SE Asia)
9940	100	Delhi (Kingsway) Delhi	N 0700-0800 Nepali (Nepal)
9950	250	Delhi (Khampur) Delhi	N 1215-1315 Burmese(Myanmar)
9950	100	Delhi (Kingsway) Delhi	N 0830-1130 Urdu (Pakistan), 1130-1135 Hindi HS, 1135-1140 English HS
9950	500	Bengaluru Karnataka	S 1515-1615 Swahili,1615-1730 Hindi (Ea.Africa, Mauritius)
9950	250	Delhi (Khampur) Delhi	N 1745-1945 English, 1945-2045 Hindi, 2045-2230 English (W. Eu)
11560	250	Bengaluru Karnataka	W 0215-0300 Pushtu,0300-0345

11560*	250	Delhi (Khampur) Delhi		Dari (Pak,Afg) N 0830-1130 Urdu (Pak), 1130-1135 Hi HS, 1135-1140 English HS (ex 11620)
11560	500	Bengaluru Karnataka		S 1315-1415 Dari, 1415-1530 Pushtu, 1530-1545 English (Afghanistan, Pakistan)
11620*	250	Panaji Goa		W 1215-1330 Tibetan, 1330-1430 Nepali (ex11775)
11620	500	Bengaluru Karnataka		S 2045-2230 English (A/NZ)
11645	250	Delhi (Khampur) Delhi		N 2245-0045 English (NE Asia)
11670	500	Bengaluru Karnataka		S 0400-0430 Persian, 0430-0530 Arabic (ME) 0530-0630 Urdu (In Hajj Season to Saudi Arabia)
11710	250	Delhi (Khampur) Delhi		N 1615-1730 Persian, 1730-1945 Ar (ME), 1945-2045 French (We NW Africa)
11730*	100	Delhi (Kingsway) Delhi		N 0700-0800 Nepali (Nepal) (ex11850)
11740*	250	Panaji Goa		W 0215-0300 Pushtu, 0300-0345 Dari (Pak,Afg) (ex11670)
11740	250	Panaji Goa		W 2045-2230 English (A/NZ), 2300-2400 Hindi, 0000-0045 Tamil (SE Asia), 0045-0115 Sinhala (Sri Lanka)
11780*	250	Delhi (Khampur) Delhi		N 1300-1500 Sinhala (Sri Lanka) (ex9425/9820/9910 kHz)
12025	250	Panaji Goa	W	1615-1730 Hindi, 1730-1830 Malayalam (ME)
11935	100	Mumbai Maharashtra	W	1745-1945 English (Ea.Africa)
13605	500	Bengaluru Karnataka	S	1000-1100 English, 1515-1615 Swahili, 1615-1730 Hindi (Ea.Af)
13640	500	Bengaluru Karnataka	S	1515-1600 Gujar.(Ea.AF), 1615-1730 Pers, 1730-1945 Arabic (Middle East), 1945-2045 French (WeNW Africa)
13645	500	Bengaluru Karnataka	S	1115-1200 Thai (SoEa Asia)
13695	500	Bengaluru Karnataka	S	0215-0300 Kannada, 0315-0415 Hindi (ME), 1000-1100 English (A/NZ), 1115-1215 Tamil, 1215-1245 Telugu (SoEaAsia), 1745-1945 English (E.Africa)
13695*	500	Bengaluru Karnataka	S	1330-1500 English (Ea SE Asia) (ex13720)
13695*	500	Bengaluru Karnataka	S	1515-1600 Gujarati (EaAfrica) (ex13640)
13795	500	Bengaluru Karnataka	S	0000-0045 Tamil, 2300-2400 Hindi (SoEaAS)
15030*	250	Aligarh Uttar Pradesh		0215-0300 Kannada (Middle Est), 0315-0415 Hindi (Ea.Africa, Mauritius) (ex15120)

15040	500	Bengaluru Karnataka	S 1145-1315 Chinese (NEAsia)
15050			For special broadcasts
15140	500	Bengaluru Karnataka	S 1615-1715 Russian (Europe)
15175	250	Panaji Goa	W 1515-1600 Gujarati (Ea. Africa)
15185	500	Bengaluru Karnataka	S 0315-0415 Hindi, 0415-0430 Gujarati, 0430-0530 Hindi (EaAfrica, Mauritius)
15210	250	Panaji Goa	W 0400-0430 Persian, 0430-0530 Arabic (ME) 0530-0630 Urdu (In Hajj Season to Saudi Arabia)
15410	500	Bengaluru Karnataka	S 1000-1100 English (NoEaAsia)
15410	250	Panaji Goa	W 1115-1200 Thai (SE Asia)
15770	250	Panaji Goa	W 0845-0945 Indonesian, 1000-1100 En (SoEaAsia)
17510	500	Bengaluru Karnataka	S 0845-0945 Indonesian (In'esia)
17670	500	Bengaluru Karnataka	S 1745-1945 English (E.Africa)
17705	500	Bengaluru Karnataka	S 1145-1315 Chinese (NE Asia)
17870	500	Bengaluru Karnataka	S 0845-0945 Indonesian (In'esia)
17895	500	Bengaluru Karnataka	S 1000-1100 English (A/NZ)

HS Home Service, S Summer, W=Winter, V=Varies \* Latest changes B-17.  
External Services Transmitter sites subject to change! (Via WWDX 2 Dec.)

[4835 Sikkim may be lost forever as a low power broadcaster in Australia have their eye on this frequency. Editor]

### KYRGYZ REPUBLIC

5129.950 KGZ SW Relay Sce, Krasnaya Rechka, Bishkek, only EMPTY carrier, seemingly Afghan religious Radio in Pashto language on other days of the week, via Bishkek requery. S=6-7 poor at 1734 UT on Dec 11. (Harold Frodge-DXP, MI Expedition, dxld Dec 12)

### MONGOLIA

Frequency change of Voice of Mongolia effective Nov 20  
0900-0930 NF12084.9 U-B 250 kW 178 deg to SoEaAS English, ex 12034.9  
0930-1000 NF12084.9 U-B 250 kW 116 deg to EaAS Mongolian, ex 12034.9  
1000-1030 NF12084.9 U-B 250 kW 116 deg to EaAS Chinese, ex 12034.9  
1030-1100 NF12084.9 U-B 250 kW 116 deg to EaAS Japanese, ex 12034.9  
(Ivo Ivanov-BUL, hcdx via wwdxc BC-DX TopNews Dec 5)

### SRI LANKA

Good signal of Sri Lanka Broadcasting Corporation, Dec.20  
1630-1730 on 11750 TRM 125 kW / 345 deg to N/ME Sinhala City FM Daily  
1730-1830 on 11750 TRM 125 kW / 345 deg to N/ME Sinhala City FM  
( Via swldxbulgaria.blogspot.bg/2017/12)

### STATION NEWS

**Cuba.** Arnie Coro writes we now have three Cuban stations on the 60m Tropical band. My plans are in the works to go on the air on the 90mb by 2018 with 50kw and a omidirectional NVIS antenna. Now we have 5025kHz 100kw 24 hrs with Radio Rebelde program, on 5040kHz from 2100-0600 UTC omidirectional Radio Habana Cuba and 4765kHz 50kw with Radio Progreso 0130-0500UTC. (Arnie Coro on Facebook 4 Nov. in reply to his comment on

his posting about recent nil sunspots-AP via BDXC Communication Dec.)

**Peru** 4810 OAW9A On Monday Nov 27 I visited Radio Logos in Chazuta, about 90 minutes ride east of Tarapoto. The road is paved. For the last half of the route the road is cut into the side of the steep hills flanking the bank of the Huallaga River. In several places the pavement has been washed away and in one place the original road was covered by a landslide. A detour was plowed through the debris.

The prosperity of Tarapoto has not reached the Chazuta area. There are some eco-resorts nearby but the town of Chazuta is very poor. All the streets I saw were dirt. The houses mostly unpainted wood or adobe, a few with thatched roofs and most with rusting tin panels. In the 1800s and early 1900s this was an important transit point on the Huallaga River. (The book I am writing - an historical travelogue of northern Peru - will tell of those times.)

The Radio Logos offices are located on a side street several blocks from the plaza. There is a large open compound with a building along the street. The name is painted prominently on the side. I arrived about 10:30 a.m. and the station was off the air until late afternoon. There was no one there but a woman nearby walked me back through to the other side of the compound. Pastor Jairo Sangama lives directly behind there. He was resting in his hammock when I got there. He opened up the station building and took me on a tour of the facilities. There isn't much. In front there is a small control for the transmitter, which he says is on a hillside east of town. Then there is a small studio. and a large mostly empty workshop room.

At the moment they broadcast for four hours in the morning and the evening only on 4810 kHz shortwave in twelve different indigenous languages. Most of the programming is pre-recorded and comes on CDs but they sometimes do live connections with jungle villages via cellphone. Pastor Jairo showed me two different models of solar-powered fixed-frequency radios that they give to leaders in the different jungle communities. They recently received a license for an FM transmitter in Chazuta but are awaiting the Transmitter.

They have applied for a license for a new SW station in Pucallpa but are still awaiting approval and so have not bought equipment yet. (I was told elsewhere that the Ministry of Communications is no longer issuing licenses for either medium wave or shortwave.)

Pastor Jairo said the station is fully funded from Peruvian sources but they do have some outside contacts. He said he had recently been in Dallas, Texas. Across the street the church was sponsoring a dentistry workshop. Two American dentists, from Florida and Oklahoma, were teaching basic dentistry.

(Via Don Moore-on tour Peru <donmooredxer -at- yahoo.com> DXplorer Nov 28, also via Jerry Berg-MA-USA and Horacio Nigro-URG CX3BZ) (VIA WWDX 2DEC)

## USA

### **WBCQ Radio Replacement Transmitter.**

Free speech radio WBCQ international shortwave suffered a fire in its main transmitter building on December 10th. The building was saved but our main 50 kilowatt transmitter completely burned up inside and is a total loss. We are dedicated to the cause of free speech radio and have been for 19 years. There was no insurance and we have limited funds. We need to replace this transmitter to insure there is at least one free radio station broadcasting programs of individuals wishing to express their free speech rights to the world.

At least \$20000 is required to buy a used transmitter and have it shipped to the radio station in Maine. We are on a reduced power backup transmitter and need to return to full 50 kW power as soon as possible.

Thank You.

Link for donations for replacement transmitter:

<<https://www.gofundme.com/wbcq-radio-replacement-transmitter>> (Allan Weiner, WBCQ, Monticello ME-USA, via Alan Pennington-UK in BrDXC-UK ng / DXplorer on Dec 16)

### **WINB to add new transmitter.**

This routine FCC HF announcement indicates that it has received an application from WINB. <[http://transition.fcc.gov/Daily\\_Releases/Daily\\_Business/2017/db1213/DOC-348229A1.pdf](http://transition.fcc.gov/Daily_Releases/Daily_Business/2017/db1213/DOC-348229A1.pdf)>

According to Ms. Ghavami, the FCC's engineer on HF broadcast matters, the application is to add a transmitter to the existing station, for which a new construction permit is required. (Benn Kobb, AK4AV, dxld Dec 13)

### **AWR Wavescan DX program latest Schedule:**

Sundays 1600-1630 15715 via KSDA, Guam & 17730 via Madagascar.

(other DX program broadcasts to So Asia dropped). Thanks to AWR for the latest info.

### **RFA's new QSL**

Radio Free Asia (RFA) announces its 66th QSL card. This latest design commemorates the 2018 Winter Olympic Games in PyeongChang, Republic of Korea scheduled for February 9-25, 2018. The Games always bring people together from around the world in peace and harmony to respect universal moral principles. This new design shows an adaptation of RFA's first panda design originally used for the 2008 Beijing Olympics. This updated version of the original design adds a winter cap stylized to match the Games. This QSL design is used to confirm all valid reception reports from January – April 2018.



# BROADCAST NEWS

Editor

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Mangawai

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**CHRISTMAS COMES EARLY FOR MW DXERS!**

## ALASKA

**KFQD 750** verified by email from joe@kfqd.com - Program Director Joe Cambell - (Stuart Forsyth via DX Dialog)

- 560 KVOK Kodiak AK slogan now "Kodiak's Country 98.7 FM & 560 AM."
- 620 KGTL Homer AK has had application for STA, U1 2.5kw day & night due to high electric bill dismissed.
- 840 New station at Kenai AK – CP granted for U1 10kw/1.9kw at 60-30-38/151-16-12.
- 930 KTKN Ketchikan AK format changed to AC ex-AC/NOS/TLK. (Bill Hale)
- 980 New station at Kenai AK – CP granted for new station, U1 5kw/500 watts at 60-30-39/151-16-12. (all from NRC's 'DX News' bulletin)

**ARGENTINA** A new transmitter was heard by Hiroyuki Okamura on a DXpedition in Japan in October. Radio Nacional Gualeguaychú on **1310** put a new 10kw Nautel transmitter into operation in August. The Director of Radio Nacional Gualeguaychú, Juan Schroll, said the station would celebrate its 30th anniversary on 7 December 2017. (Radio Nacional website via Henrik Klemetz via Real DX Yahoo Group)

- 1660 L.. Radio Revivir, Gregorio de la Ferrere heard 23 September with nice identification and music, well heard now that WGIT is silent. (Jan Edh via ARC)
- 1660 LRI232 R Ciudad de, Nogoya (ER14) - : Calle Urquiza 1115, Nogoya, Entre Rios. Power 5 kW day and 0.25 kW night. W: facebook.com/A-M-1660-Radio-Ciudad-de-Nogoyá-262402490918239/ E: radioam1660@gmail.com (Argentina en AM y FM via ARC)

## CANADA

- 600 CBNA Saint Anthony NL applies for CP to move to 100.3 MHz FM. (NRC)
- 810 CKJS Winnipeg MB granted CP to move to 92.7 MHz FM. (NRC)
- 900 CHML Hamilton ON now branded as Global News Radio. (IRCA)
- 900 CBUM Nakusp BC will move to 91.3 FM. (IRCA)
- 960 CKNT Mississauga ON - Elliot Kerr has until 31 July 2018 to get this 2kw News-Talk station on the air. This is the 4th and final extension to be granted. (IRCA)
- 980 CFPL London ON now branded as Global News Radio. (IRCA)
- 1170 CBUX Port Alice BC – LPRT silent and deleted; has moved to FM. (NRC)

## CHILE

- 820 CB82 Radio Carabineros, Santiago is active. : Av. Bernardo O'Higgins 1196, Santiago. W: carabineros.cl E: radioemisora@carabineros.cl (via ARC mv-Eko)
- 1540 CB144 Radio Sud America, Santiago (MS22) – is active. W: facebook.com/Radio-Sudamerica-CB-154-AM-119539440841 (web via ARC mv-Eko)

**CHRISTMAS ISLAND (CENTRAL KIRIBATI)** Press Release from Kiribati Broadcasting and Publications Authority (BPA): I-Kiribati living in the remote Line and Phoenix Islands can now for the first time listen clearly to Radio Kiribati broadcast from the Broadcasting and Publications Authority's (BPA) main studio in London, Christmas Island following the installation of a new AM transmitter. The newly installed transmitter was commissioned on Saturday, 25 November 2017 in London village. BPA Board Vice Chairman Betarim Rimon said the launching was covered live on Radio Kiribati and was heard in the Kiribati islands (Gilbert Group) through AM1440 khz and in the Line and Phoenix Islands through the newly installed AM **846** khz in London. Mr Rimon said the people of Kanton (Canton), the only inhabited island in the Phoenix Islands Protected Area (PIPA) can now tune and listen clearly to the broadcast from Christmas Island, a barrier in radio communications which has plagued and isolated the island from the rest of the islands in the country for many years. "The people of Kanton can now tune to this service as it will sufficiently cover the rest of PIPA. You are now no longer far but drawn closer to the rest of the nation and the world in terms of news updates and radio service," said Mr Rimon. (RK News via Facebook via BC)

DXers on the North American West Coast first discovered Radio Kiribati back on its old frequency of **846** at the end of November. Transmissions are parallel to 1440. (Theo Donnelly via DX Dialog) I measured the frequency as 845.996, just on the low side of NewsTalk ZB Masterton on 846.000. For me, 1440 is a much easier frequency to hear, despite Tauranga co-channel. 846 is easier to hear on the League SDR with its north beam and reduced back-end pick-up. I am assuming they have reactivated the lower frequency as it should have better daytime coverage of the widespread islands of Kiribati than 1440, but here in Mangawhai the 846 signal strength is inferior to 1440. (Bryan Clark via DX Dialog) The Kiribati group is spread over a vast distance (over 3300km) so 846 would only be intended for coverage of the western group, even at night time. 846 may suffer less from skywave cancellation at night. (Paul Ormandy via DX Dialog)

According to verie signer Babera Marewenimakin, the power of Christmas Island is 10kw. (Stu Forsyth via DX Dialog 12/12)

846-Christmas Island is by far the strongest DU here in Kona, but it seems to have a serious issue with the transmitter cutting out intermittently. It did this about 3 times last night. I recall that Bryan Clark of NZ also mentioned that the signal was gone on one of the recent days -- maybe the same issue? The 19-second delay with 1440-Kiribati also seems pretty bizarre, but it was checked repeatedly last night and confirmed. Both 846 and 1440-Kiribati are easy catches here in Kona, so the delayed programming is pretty obvious. (Gary DeBock 17/12 visiting Hawaii via Glenn Hauser, DXLD Yahoo Group)

**COLOMBIA** La Popu **850** HJKC Bogotá, new slogan ex Candela 850 AM. "La Popu" is a diminutive to "La Popular". (Rafael Rodríguez via Mauno Ritola, WRTH Facebook Page)

Andrea Aldana of the mayor's office in Ibague has announced that the city will get a new AM radio station on **670** kHz. It is hoped that the station will be on the air shortly as the local administration is anxious to improve relations with the general public. The idea is to create opportunities for the citizens of Ibague to take active part in the programming of this new radio station. (via GRA blog via dxld, translation Christer Brunstroem, ARC, via ed. Tore Larsson, SoAmerican News, ARC mv-eko 20/11 via DXLD via WWDXC Top News)

**HUNGARY** Antenna Hungaria's new Nautel 2 Megawatt NX2000 medium wave system on **540** AM is now operational. Located at the broadcaster's transmission facility near Solt, Hungary, Nautel says the project, on which it worked in collaboration with Porion Digital KFT, involved large infrastructure changes at the site as well as installation of the new transmitter.



Modifications included building renovation and air handling updates as well as interfacing the NX2000 to Antenna Hungaria's existing 11 kV voltage supply. The new solid-state Nautel system replaces a custom-built tube transmitter that had been in use for 40 years. "The NX2000 system incorporates five Nautel NX400 transmitters along with a large, versatile combiner," said Wendell Lonergan, Nautel head of Broadcast Sales. "Our new NXC2000 combiner can be reconfigured if one or more transmitters is shut down, which ensures that maximum power is delivered to the antenna in all cases." Antenna Hungaria is wholly owned by the government of Hungary and provides broadcast, telecommunication and multimedia services throughout the country. The signal of its Solt operation can be heard on 540 kHz all over Europe as well as in parts of Africa, Russia and Asia. (RadioWorld.com via Richard Langley via Glenn Hauser's DXLD Yahoo Group)

KOREA (SOUTH) AFN Korea stopped operation from Seoul-Yongsan on 1530 kHz a couple of weeks ago. The 5kW transmitter will be moved in a month to Camp Humphreys, which will then have a power raise from 1 to 5 kW on **1440** kHz. (Mauno Ritola, ARC 27/10) Camp Humphreys is located southwest of Seoul at the city of Pyeongtaek on the west coast. Much better location than in crowded Seoul. In 2019 the headquarter of US Army Korea shall be moved to Camp Humphreys. (Bengt Ericson, ARC 27/10)

## PERU

- 1300 Radio Chumpiwillkas, Santo Tomás, Chumbivilcas (CU89) – new. □ Bolivar esq. Bolognesi, Santo Tomás, Chumbivilcas, Cusco. W: radiochumpiwillkas.com
- 1330 OCX6E Radio Ondas del Misti, Miraflores, Arequipa (AQ30). □ Sebastián Luna 105a, Parque Azángara 2° piso, Miraflores, Arequipa.
- 1330 Radio 13-30, Arequipa – delete moved to 1560 kHz (see below).
- 1360 OUA7L Radio Andina, Juliaca (PU24) – ex R Continente. □: Jr 2 de Mayo, Juliaca. W: radioandinajuliaca.com E: gerencia@radioandinajuliaca.com
- 1410 OBU7A Radio Corporación, Juliaca (PU26) – ex. R La Luz. □: Jr Raúl Porras 210, Juliaca W: radiocorporacionwayrajuliaca.com
- 1430 OBU7U Radio Red Andina, Juliaca – W: radioreandina.com
- 1440 OM7L R Solar, Espinar. New □: Huánuco 113, Espinar. W: radiosolarespinar.com
- 1560 OCX6N Radio 15-60, Arequipa (AQ42) a move from 1330. □: Centro Comercial Héroes Anónimos, Av. Independencia, Arequipa.
- 1640 Radio Kalikanto, Chamaca (CU63) – delete (all Henrik Klemetz via ARC MV-Eko) Radio Campesina, Cajamarca was heard on **1381.22** ex 1400 on 2 November at 0632 UTC. Nothing heard the following day. Thanks to Valter Comuzzi fore help with identification. (Karel Honzik, Czech Republic via Real DX Yahoo Group)

**SOLOMON ISLANDS** According to an announcement posted on the sibconline.com website, SIBC shut down its 1035 AM transmitter on 15 December as a cost-saving measure. "Recent surveys have shown that most rural people listen to SIBC In the early morning hours and during the evenings. This indicates that they are listening to the shortwave transmitter whose antenna is designed to ensure the signal reaches all corners of the country during daytime, morning and evening times. The MW transmitter... covers the middle sector of the country and doesn't reach the furthest islands. SIBC management will review the MW coverage issue in the new year." (Nigel Holmes via Paul Ormandy DX Dialog) I understand from my sources in Solomon Islands that the closure of 1035 kHz relates primarily to the cost of electricity to keep the transmitter running. A funding issue has arisen between the SIBC and the local utilities authority over the payment of the power bill, and even the SIBC studio

complex in Honiara was recently without mains power and operating on a diesel generator for a while. The issue is expected to be rectified early in the New Year and 1035 kHz could well be reactivated sooner than later. Despite the information in the SIBC press release, the mediumwave signal is still very important in playing a part in ensuring nationwide radio coverage. (Martin Hadlow via DX Dialog)



The national broadcaster, SIBC, is taking drastic and desperate measures to stay on air. This comes after Solomon Power's recent disconnection of SIBC's power supply due to a \$65,000 outstanding bill. The national broadcaster, which has the furthest reach and relied on by the rural populace, currently runs on generators, which are expensive to maintain. Chief Executive Officer Ashley Wickham told the Sunday Star they are taking every possible measure available to keep the station on air. "We've already shutdown the medium wave transmitter

*SIBC Headquarters at Rove* (MW) because of the situation," Wickham said. "Only the Short Wave (SW) transmitter is still being maintained because it reaches the whole country," he added. "Our streamed overnight service listened to internationally had to be switched off at 11pm so the generators could rest." Wickham said their poor financial situation came about as a result of the government's critical cash flow problem. The government is SIBC's main source of revenue. Wickham said they will review the situation in the New Year. "But our outlook is not so clear. "We have not been told when Parliament is likely to sit to look at the budget. "If our finances don't improve, we will reduce the transmission hours of the shortwave transmitter so that they are only heard in the early mornings and evenings to close down at 11pm. "Then we start a process of lay-off of staff." "Since the government changed we have not heard how the new administration views our SIBC prospects," Wickham stated. He said SIBC had also complained to the Prime Minister's Office and Ministry of Finance that Solomon Power did not seem to know the essential services act and did not seem to know or care about the cash-flow situation everyone reliant on government is affected by. Solomon Power earlier insisted their action applies to every customer that has outstanding bills with them.

(Solomon Star News 24/12 via Mike Terry WRTH Facebook page)

**TONGA** Tonga's beleaguered state broadcaster has begun regular 24 hour operations on **1017 AM** for the first time. Previously it only broadcast after hours between midnight and six in the morning if there was a public emergency. The station received a revamp earlier this year in an effort to improve content and boost revenue after being called 'an enemy of government' by the prime minister. The Acting General Manager of Tonga's Broadcasting Commission, Solomone Finau, said while content hasn't yet been finalised, there are plans to stream everything online. "We'll be trying to expose these services, that six hours extra, having some talkback shows and some of the religious songs and local music. It's kind of popular at the moment but we're trying to expose that, [not just] to the local people but



to the overseas as well,” said Solomone Finau. He said TBC’s hoping for more government funds to keep the 24-hour service going permanently. (RNZI Pacific website 11Dec17, photo by Koro Vaka’uta of RNZI)

**USA** (Items from National Radio Club’s “DX News”)

- 620 WDAE St. Petersburg FL applies to extend STA, U2 11.2kw/11kw, Cuban QRM.
- 640 WMEN Royal Palm Beach FL seeks to extend STA, U4 25kw/4.5kw, Cuban QRM.
- 710 KXMR Bismarck ND applies for license to cover CP, U4 4kw day & night from current night site.
- 790 KEJY Eureka CA granted CP for U1 4.6 kw days, 310 watts nights on 760 kHz, new site 40-48-02/124-07-39.
- 790 WAXY South Miami FL granted STA extension, U3 25kw day & night, Cuban QRM.
- 880 KIXI Mercer Island-Seattle WA current format is XMAS (ex-NOS).
- 930 KKXX Paradise CA slogan is now “Life Radio”.
- 940 KTFS Texarkana TX change from CLR format to NWS/TLK. (Bill Hale)
- 940 WINZ Miami FL applies to extend STA, U2 50kw day, 25kw night due Cuban QRM.
- 1020 WLWJ Boynton Beach FL applies for STA to broadcast from here with CP U4 4.7kw/1.5kw (ex-Kendall FL); has been on the air since Nov. 6.
- 1080 WHIM Coral Gables FL applies to extend STA, U4 50kw/20kw due Cuban QRM.
- 1140 WQBA Miami FL granted STA, U1 12.5kw/2.5kw as needed during WQAM-560 diplexing.
- 1150 KKNW Seattle WA applies to extend STA, night pattern at variance.
- 1110 KFAB Omaha NE networks now Fox/A/Ne/Ru/P/TRN/C2C. (Wayne Heinen)
- 1200 WGD Lares PR granted STA extension, U1 1kw/1kw; WGD L is supposed to protect HIBS SP Macoris, Dom. Rep., which has unofficially moved to 670 kHz.
- 1220 WABF Fairhope AL has had callsign change to WERM on 6 December.
- 1230 WNIK Arecibo PR applies for STA, temporary tower (lost tower to Hurricane Maria).
- 1240 KFH Wichita KS slogan is now “Sports Radio 1240 AM & 98.7 FM.”
- 1270 KBZZ Sparks NV applies to extend STA, U1 13kw day, 1.25kw night or night parameters at variance. Format to TLK/SPT (ex-TLK); networks to WW1/Ns.
- 1290 KAZA Gilroy CA is now all-Vietnamese, slogan “Vien Thao Radio.” (John Wilkins)
- 1300 WTI L Mayaguez PR granted CP for U4 5kw/800w, new site 18-09-17/67-09-08.
- 1300 KKOL Seattle WA applies to extend STA, U4 25kw days, 30kw nights.
- 1300 KKOL Seattle WA applies for CP with U4 50kw days, 3.2kw nights, co-located with KLFE-1590 and KNTS-1680 at new site 47-39-19/122-31-06.
- 1350 KLHC Bakersfield CA went silent Jan. 29; back on the air with STA Oct. 30.
- 1350 KLHC Bakersfield CA format now Punjabi, slogan “Punjabi Radio.”
- 1360 WKAT North Miami FL applies for CP for U1 9.3kw days, 4090 watts nights, new site 25-50-22/80-11-23; to replace identical CP that expired on Dec. 10.
- 1370 KWNC Quincy WA format now Talk, ex Sport. Slogan “Talk 106.7 the right Talk.”
- 1410 WING Dayton OH applies for STA, U1 5kw day, 1.25kw night due pattern switching problems.
- 1420 KRIZ Renton WA applies to extend STA, U1 250/150w from KYIZ-1620 tower.
- 1430 WLTG Panama City FL granted STA, U5 5kw/1kw; lost site for 1 night tower.
- 1470 KUTY CA Palmdale applies to extend STA, U1 1.25 kw day & night.
- 1480 WERM Mobile AL call changed to WABF on 6 December (swap with 1220).
- 1480 KLVL Pasadena TX drops Asian format, now Oldies. (Glenn Hauser)
- 1480 KBXD Dallas TX format is now brokered programming ex-SS Religion // KFCD-990.
- 1520 KFZX Lafayette LA format now Spanish CHR ex-Mexican.

- 1530 KGBT Harlingen TX is now simulcast on KGBT-FM-98.5.
- 1550 KWRN Apple Valley CA silent on Nov. 18; licensee being dissolved by court order.
- 1590 WRXB St. Petersburg Beach FL went silent Nov. 15; financial problems.
- 1600 WLAA Winter Garden FL returned to air Sept. 16, changed call to WNTF Nov. 13.

**USA** (Items from IRCA's 'DX Monitor' magazine)

- 750 KXTG Portland OR new slogan is "102.9-750 The Game".
- 910 KRAK Hesperia CA has change of callsign to KMPS.
- 1070 WFRF Tallahassee FL slogan is "Radio Fe 1070-1580".
- 1090 KBOZ Bozeman MT slogan is "KBOZ News Talk Radio 1090".
- 1230 KOBZ Bozeman MT uses slogan "ESPN Sports 1230".
- 1350 KLHC Bakersfield CA was silent, now ethnic with slogan "Punjabi Radio".
- 1360 WHNR Cypress Gardens FL slogan is now "Kickin' Country".
- 1360 KPHN El Dorado AR returned to air, carrying Eternal Word Network with slogan "Catholic Radio" (Glenn Hauser)
- 1390 KZGD Salem OR has new slogan "La Gran D 1390-97.5 FM".
- 1520 KFZX Lafayette, LA format was regional Mexican, now Spanish CHR.
- 1400 WIRA Fort Pierce FL replaces ethnic format with Spanish hits, slogan "Hola FM".
- 1580 WTCL Chattahoochee FL slogan is "Radio Fe 1070-1580".

**X-BAND REPORT**

- 1620 WDHP Christiansted, St Croix, US Virgin Islands – the antenna is destroyed by the hurricane Maria. It is laying on the ground reconfigured into an 'L' shape. (Chris Dunne, DXLD via ARC)
- 1650 WHKT Portsmouth VA has CP for U1 6.5kw/1kw from current site. (NRC)
- 1660 KWOD Kansas City KS has CP for new site at 39-04-19/94-40-58. (NRC)
- 1670 KQMS Redding CA granted STA extension for reduced 1kw day power. (NRC)
- 1680 WOKB Winter Garden FL went silent Sept. 10; returned to air Sept. 16. (NRC)  
Back on air with urban gospel format and slogan: "Inspiration 1680". (IRCA)
- 1680 WTTM Lindenwold, NJ measured frequency as 1679,9946 on 21/12. (Barry Davies UK via MW Offsets Yahoo Group)

**KINGS OF THE KILOHERTZ**

**WILLI WESTRUPP**, our member from Gießen in Germany received the following advice from NHK Japan: "Regarding QSL card and verification letter services, NHK Sapporo continues to offer them, whereas NHK Tokyo has terminated the service nearly 20 years ago. We ask for your understanding. The postal address of NHK Sapporo is 1-1, Odori-nishi, Chuo-ku, Sapporo-shi, Hokkaido 060-8703, Japan". Willi asks if anyone knows of a direct QSL response from Tokyo (for a medium wave report) in recent years?

**IAN WELLS** of Mosgiel has made a few loggings recently using the Northland SDR. Reports out to KFI and KJNP, emailed verifications from CFAC, KHKA, KLOK, KJNP and KFI. [Thanks for the trail items Ian! Would appreciate the names of any verie signers if they haven't already appeared in this column. Very envious of your KJNP, a station I have never been able to hear! BC]

**ARTHUR DE MAINE** from Ashburton makes a rare but welcome appearance in our column with a contribution for the trail. [Always welcome Arthur!]

**SUTTON BURTENSHAW** of Hamilton writes: "The last couple of months on the NZRDXL SDR have resulted in E-reports out to Hawaiians KAOI 1110 and KEWE 1240, Alaskans

KFQD 750 and KJNP 1170, Canadian CJCA 930, Kirikimati Central Kiribati 846 and Gold FM Fiji 990. E-returns are in from KAOI & sister station KEWE Ron Middag C.E. KAOI Radio Group <ronm@kaoi.net>, Kirikimati 846 Babera Marewenimakin <bamrewenimakin@gmail.com> and Gold FM Dion Cavu <dcavu@fbc.com.fj> with thanks to Stu/Mark for that last email address. Happy New Year to all." [Reciprocated SUTts!]

**STUART FORSYTH** has been sampling the Northland summer and setting up house ahead of a permanent relocation to Mangawhai next year. A few trail items and a few QSLs from KFNQ 1090, KBBI 890, Kiribati 846 and 1440, Gold FM 990, CJRJ 1200

**BRYAN CLARK**, Mangawhai – I was very surprised to find a new MW station on air from the remote Christmas Island in Central Kiribati. With WXLE Canton Island previously verified, this is not a new radio country for me but nevertheless a surprise given the moves worldwide to close down the traditional MW and SW transmission modes.

#### **BROADCAST TRAIL** (all times are GMT/UTC)

**BCM** Bryan Clark, Mangawhai with WinRadio G33DDC SDR & EWEs to NE, East & SE.  
**SMF** Stu Forsyth DXing on the NZRDXL SDR at Russell, Bay of Islands.  
**SMFM** Stu Forsyth, Mangawhai with Etón E1 and 3m EWE  
**ABD** Arthur de Maine DXing on the NZRDXL SDR at Russell, Bay of Islands.  
**IDW** Ian Wells DXing on the NZRDXL SDR at Russell, Bay of Islands.

580\* 0844 USA KMJ Fresno CA talking about electric cars 0847 announcer mentioned Redeye Radio 0853 announcer gave ID, good 7/12. ABD\*\*  
 640\* 0749 USA KFI Los Angeles CA good with talkback with a Russian "expert" taking calls. ID as "KFI 24-hour news radio" at 0800 14/12. IDW\*\*  
 830\* 0740 HAWAII KHVH Honolulu very good with ID during talk and commentary programme 14/12. IDW\*\*  
 846 0828 CHRISTMAS ISLAND Radio Kiribati's new tx fair // 1440 4/12. Thru NZL on peaks. Frequency 845.996 and clearly visible on SDR with Masterton on 846.000. Noted off air some days eg 9/12, 14/12. BCM  
 930\* 0847 USA KHJ presumed weak w/Christmas songs 7/12. IDW  
 990 0810 FIJI Gold FM Suva on 990.000 separable from Apna on 989.997 14/12. BCM  
 1090\* 0757 USA KFNQ Seattle WA good with CBS sports news and a great id on the hour. 4/12 SMF\*\*  
 1120\* 0802 USA KPNW Eugene OR vg with lots of ads for Eugene. 4/12 SMF\*\*  
 1140 0840 USA KHTK, Sacramento Fair with local ads and sports nx 28/12/ SMFM  
 1170 0914 UNID LATIN thru KFAQ on Coast to Coast AM. Hrd past 0950 29/11. BCM  
 1170 0757 ALASKA KJNP North Pole exceptional with Christmas carols and good ID at 0800. Easily followed for 45 minutes 30/11. IDW\*\*  
 1200\* 0804 CANADA CJRJ Vancouver BC (presumed) I expected to hear WOAI, but heard ethnic music (sounded like Hindi singing). 4/12 SMF\*\*  
 1270\* 0826 HAWAII KNDI Honolulu fair on USB with what sounded like a Pacific language. Ads at 0830 and then religious type song sung in a Pacific language. 4/12 SMF\*\*  
 1440\* 0743 KIRIBATI, R Kiribati fair at times through Tauranga with talk. //846 mixed but carrying the same prog. Fair at best. 6/12 SMF\*\*  
 1450 0712 USA UNID with Coast to Coast AM followed past 0840 1/12. ABC news at 0800. Of 4 West Coast candidates, most likely is KVML Sonora CA. BCM  
 1580 0720 USA, KBLA Good with lots of religious talk in SS. Big fades. 28/12 SMFM

## NORTH AMERICAN X BAND AT-A-GLANCE 01/2018 (thanks to Tony King)

1610	XEUACH	Chapingo Mx	MX	Radio Chapingo
	Carib.	Beacon Anguilla	ANG	EE religious. The late Dr Gene Scott /Mrs Scott
	CHHA	Toronto ON	ON	SS 'Radio Voces Latina' Fq ID in SS & EE
	CHRN	Montreal QU	QU	South Asian Format. Radio Humsafar
1620	KSMH	West Sacramento, CA	CA	CA Rel. 'IHR (Immaculate Heart Radio) Sacramento'. "
	R Rebelde	Radio Rebelde	(6 Tx sites)	CUBA SS .Distinctive 5 note chime on hour. Sync echo.
	WNRP	Gulf Breeze FL	FL	News/Talk Fox News "News Radio 1620"
	WDND	South Bend IN	IN	Nostalgia "Americas Best Music"
	KOZN	Bellevue NE	NE	Fox Sport "The Zone"
	WTAW	College Station	—Bryan TX	'Newstalk 16-20 WTAW' Takes C-to-C AM
1620	WDHP	St Croix	USVI	News/talk/gospel/country. Overnight BBC WS
	KYIZ	Renton WA	WA	Urban contemporary //KRIZ "Z Twins"
1630	WRDW	Augusta GA	GA	"ESPN Augusta"
	KCJJ	Iowa City IA	IA	News-talk-AC "The Mighty 16-30 KCJJ"
	KKGM	Ft Worth/Dallas	TX	'Modern gospel music 1630 KKGM' IRN News
	KRND	Fox Farm WY	WY	SS 'regional mexican' ID "jota La Mexicana"
1640	KDIA	Vallejo CA	CA	Talk/religious/life issues
	WTNI	Biloxi MS	MS	Sport. "1640 WTNI Biloxi"
	KZLS	Enid OK	OK	News/Talk
	KDZR	Lake Oswego OR	OR	Conservative Talk "Talk 1640"
	KBJA	Sandy UT	UT	'K-Talk KBJA'
	WSJP	Sussex WI	WI	Rel. Catholic. Relevant Radio
1650	KFSW	Fort Smith AR	AR	Contemporary Christian
	KFOX	Torrance CA	CA	Radio Seoul. Korean/ EE ID on hour
	KBJD	Denver CO	CO	SS Rel. Radio Luz
	KCNZ	Cedar Falls IA	IA	"The Sports Station" 1650 The Fan
	CKZW	Montreal QU	QU	Evangelical Christian in FF x CJRS 06/16
	CINA	Mississauga ON	ON	Indian. "Seena radio"
	KSVE	El Paso TX	TX	SS Sports/Talk ESPN. "ESPN Deportes 1650"
	WHKT	Portsmouth VA	VA	Conservative Talk Radio "1650 The Answer"
1660	KBRE	Merced CA	CA	AOR (Album Oriented Rock) x SS rel. x KTIQ
	WCNZ	Marco Is FL	FL	Relevant Radio
	KWOD	Kansas City KS	KS	Sport/Talk "Bison 1660"
	WQLR	Kalamazoo MI	MI	Fox Sports. "Kalamazoo 1660, The Fan"
	WBCN	Charlotte NC	NC	Classical Rock
	KQWB	West Fargo ND	ND	Fox Sports
	WWRU	Jersey City NJ	NJ	Korean
	WGIT	Canóvanas, Puerto Rico	PUR	'Faro de Santidad' SS Religious <b>Silent 12/17</b>
	KRZI	Waco TX	TX	'KRZI ESPN Central Texas'
1670	KHPY	Moreno Valley, CA	CA	SS religious . ESNE radio.
	KQMS	Redding CA	CA	"News Talk Superstation 1670 AM"
	WMGE	Dry Branch, GA	GA	"Fox Sport 1670 Georgia" x WPLA
	CJEU	Gatineau QU	QU	Community/Children's Radio "Radio Oxygene 1670"
	WOZN	Madison WI	WI	"CBS Sports Radio "The Zone"
1680	KGED	Fresno CA	CA	ID slogan ""AM 1680 The Answer"
	WOKB	Winter Garden FL	FL	<b>UC:Gospel "Inspiration Radio"</b>
	KRJO	Monroe LA	LA	"Classic Hits 1680 "LA105"
	WPRR	Ada MI	MI	Talk ID " Public Reality Radio"
	WTTM	Lindenwold, NJ	NJ	World ethnic" EE ID '1680 WTTM Lindenwold- Philadelphia"
	KNTS	Seattle WA	WA	SS Religious. EE ID 00:10 after hour. "Radio Luz"
1690	KFSG	Roseville CA	CA	Rel. SS,Russian,Hmong EE ID on hr "KFSG Sacramento"
	KDMT	Arvada CO	CO	'1690 KDMT Denver's Money Talk "
	WMLB	Avondale Estates	GA	Eclectic mix. "Voice of the Arts" CBS News
	WVON	Berwyn, IL	IL	Talk
	WPTX	Lexington Park, MD	MD	Adult standards
	CHTO	Toronto ON	ON	Multilingual. Greek.
	CJLO	Montreal QU	QU	Campus community - college station
	WIGT	Charlotte Amalie	US VI	USVI Religious. <b>Silent 12/17</b>
1700	WEUP	Huntsville AL	AL	Urban contemporary Gospel "Huntsville's Heritage Station"
	WJCC	North Miami Beach	FL	World Ethnic. "Radio Mega 1700"
	KBGG	Des Moines IA	IA	'Des Moines Big News,Big Sport Big Sport KBGG'
	XEPE	Tecate BCN	MX	"ESPN 1700" sports
	WRCR	Ramapo, NY	NY	Ethnic. "Radio India." <b>reported silent</b>
	KKLF	Richardson-Dallas-Ft	Worth TX	Tejano/Conjunto SS & EE " Kick 1700" 'Banda 13'
	KVNS	Brownsville TX	TX	Fox Sports Radio

# TV/FM NEWS & DX

Editor

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## FM DX LOG – December 2017

Bryan Clark, Mangawhai – Sony XDR-F1HD receiver & 7-metre-high 5 element yagi aerial on rotator. All dates and times are UTC.

### 4 December

90.7 ABC Parliamentary broadcast from Grafton/Kempsey at 0712 UTC; also 91.5 Triple J exc; 92.3 ABC Local on cricket, exc; 97.9 ABC Classics poor.

### 8 December

At 0530 UTC, 89.7 ABC NewsRadio Bega/Cooma vgd (the most regular Aussie so far this season) //90.7 Grafton/Kempsey poor; 91.5 Triple J; 92.3 w/weather, ident as “ABC Newcastle 1233” at 0539 = ABC Local radio, Grafton/Kempsey; 92.7 TAB station; 94.5; 96.1 Triple J Lismore; 96.9 ABC RN Lismore; 97.9 Grafton; 98.5 ABC NewsRadio Lismore; 99.3 ABC Classic FM; 89.7 Bega/Cooma still around past 0630 UTC.

### 12 December

0952 UTC – ABC NewsRadio; 96.9; 96.1, 95.3 other ABC Lismore frequencies on tropo, all poor to fair.

### 15 December

0115 UTC – my first Fiji opening of the season w/BBC 88.2 exc; New Caledonia 88.0 // 89.0, 89.5, 91.5; Fiji Viti-FM 92.0 // 92.2; 92.5 “France Inter” ident 0125; 93.0 Fiji; 95.0 New Caledonia mixed B-FM Auckland; 95.2 2DAY-FM // 95.4; 96.0 // 96.2 “FM96” ident 0129; 97.0 maybe Fiji; 97.6 // 97.8 “Mirchi” on RDS; 98.4 Legend FM // 98.6; 99.0 French over Radio Hauraki; 100.0 “Gold FM” RDS mixing New Caledonia // 100.2; 100.8 // 101.0 Hindi from Navtarang; 101.0; 102.0; 102.4 // 102.6 Bula FM; 103.0; 103.2 // 103.4 Radio Sargam; 105.0 Hindi at 0135; 89.0 // 89.5 New Caledonia still around 0139; Legend FM back in at 0158 on 98.6 and 98.4.

0143 UTC Queensland stations now coming in – 90.9, 89.3, 90.1, 93.3 SBS Brisbane, 94.5, 94.9 strong w/“River 94.9 plays the best music mix” (NEW for me); 89.3 4CRB Gold Coast vgd 0239; 90.1 fair; 90.9; 91.7 Ashes cricket live; 92.5 Gold FM ident 0241 and “Gold 925” on RDS.

0343 UTC - 89.7 NewsRadio Bega/Cooma in.

0847 UTC - 89.7 NewsRadio Bega/Cooma again, plus 90.7 exc on sports, 91.5 Triple J, 92.7 racing. At 0858 94.7 ABC NewsRadio // to 89.7 with soccer commentary Sydney FC vs Melbourne City, strong; 0904 UTC – pops on 95.3, “Smooth FM ident; 95.7 ABC Classic FM Illawarra fair; 96.1; 96.3 Triple J Manning River; 96.9 “Nova, Australia’s Number 1” exc at 0909; 97.1 ABC National Manning River; 97.7 ethnic SBS Sydney; all gone 0913 UTC.

2324 UTC – 89.3 Gold Coast, 91.7, 92.7 racing vgd; 93.5 2PM Port Macquarie despite splatter from local More FM Mangawhai station on 93.6; 93.9 Beatles doco 2331; 94.7 ABC News radio over another Aussie; 95.5 news from ABC Local Radio Manning River at 2333; 95.9 talkback; 96.3 Triple J and 97.1 ABC National, both from Manning River; 98.7 ABC Classical; 100.3 2RE Foster w/commercials (NEW).

## 16 December

At 0006 UTC - 100.5 talk, maybe Batemans Bay; 101.5 2GLA Foster on Christmas music over RNZ National; 102.1 rock; 102.9 pops; 103.7 2NUR Newcastle; 104.5 "Star1045" on RDS; at 0032; 105.3 2NEW Newcastle; 106.9; 107.7 Gosford w/ "107.7 2GO" ident and 2GO's 12 Gifts of Christmas promo; 101.7 rock music, ident 0051 as "101.7 WS-FM"; 99.7 Rhema Newcastle w/TCM Hit Parade at 0053; 106.5 UNID pops pushing thru despite local on 106.4; 102.3 ABC Classic FM Canberra w/Beethoven's 5th Symphony in briefly; ; 98.9 Triple J Illawarra strong at 0200; 97.7 news from Snow FM Cooma (NEW for me); 89.7 ABC NewsRadio exc at 0205; 101.9 ABC Classical exc 0206.

2333 UTC - 89.7 ABC NewsRadio Bega/Cooma heard on car radio as I drive home.

## 17 December

89.7 ABC NewsRadio Bega/Cooma back again at 0152 UTC with BBC report.

From 2112 till 2208 UTC Tonga heard on 87.5 with parallel 90.0 smothering The Rock Northland at times; 92.1 CRI relay initially patchy but up to good level at 2140. No other Tongan outlets found.

89.7 ABC NewsRadio very good 2251 till 2254; audible again on recheck 2339 UTC.

## 20 December

2147 UTC – another opening to Manning River NSW with ABC stations on 98.7, 97.1, 96.3 (Triple J), 95.5 all audible. Also 94.7 ABC NewsRadio.

## 21 December

At 2318 UTC - BBC Fiji 88.2, Vitii FM 92.2, Radio Fiji 1 93.0 and FM96 96.2.

At 2358 – Loyalty Islands stations at Lifou on 91.5 and 98.5.

## 22 December

0005 UTC – just RNC 89.5 at strong level so likely Ouvea, Loyalty Islands.

0034 – "NC Première" on RDS 88.0 variable to strong // 89.5, 90.0 past 0039. 93.0 France Inter poor at 0036.

1942 - BBC Fiji 88.2 weak level – still there at 2116 recheck.

2116 – New Caledonia 88.0 vgd on peaks // 89.0, 89.5, 91.5; France Inter 92.5; Fiji 92.0 // 92.2; 92.8 and 93.0 with open carrier, ditto 95.4; 96.2 // 96.0; 97.0; 101.0 // 100.8; 102.0; 103.0, 103.2 "Radio Sargam" ident 2122.

2302 – French on 102.0; Fiji on 102.4 and 103.0, latter mixed with New Caledonia; 104.8 Radio Fiji 2 in Hindi at 2304; BBC 882; RNC 89.5 vgd // 88.0 poor, 90.5, 91.54; Fiji 92.2 // 92.0 which was mixed something else; RF1 92.8 // 93.0 (mixing France Inter); 2DAY-FM 95.2, NCL 96.0, NCL over NZL 97.5; 98.5 // 99.0 mixing Hauraki; other NCL on 100.0, 102.0, 102.5 and 103.0.

## 23 December

2353 UTC - 89.7 ABC NewsRadio Bega/Cooma exc // 90.9 Illawarra; 99.3 classical; 100.1 over NZL; 100.9 ABC talk; 101.9 ABC Classic FM Batemans Bay poor; 92.1 ethnic from Sydney in Arabic; ABC Classic FM Sydney 92.9 thumping More Rodney.

## 24 December

0003 UTC – Smooth FM with Sydney weather – 34 degrees; Illawarra classical 95.7; 96.9 exc; 97.3 ABC News & Weather; 97.7 "SBSRadio" on RDS = Sydney; 98.5 with Indian language – who? 98.9 "TripleJ" patchy 0010; 100.5 ABC talk; 89.7 Eastside Radio Sydney (NEW for me) in Indian lang over/mixed ABC NewsRadio past 0040; 89.1, 89.3 Gold Coast, 89.9 UNID, 90.7, 90.9 (2 mixed); ABC Classic FM Gold Coast 88.5 // Nambour 88.7 at 0110; 90.9 rap music vgd; 91.5, 91.7, 92.3 ABC Local Grafton w/cricket; 92.5, 92.7 betting odds, 93.3, 94.1 weak, 94.5 sports, 94.7 NewsRadio exc; 95.3 Lismore classical; 95.5 sports, 95.7 ABC NewsRadio Gold Coast; 96.1 & 96.3 both Triple J; 96.9 ABC RN Lismore // 97.1; 97.9 // 98.7 both ABC Classic; 99.5 ABC RN Grafton.



0141 UTC – NSW still in plus Queensland up to the Sunshine Coast: 88.5, 89.3, 90.1, 90.7, 90.9 Sea FM Gold Coast (SEA-FM on RDS) strong over ABC Newsradio Illawarra, 91.5 Triple J, 92.3, 92.5 Gold FM exc, 93.3 4SBS Brisbane, 94.7, 95.3, 97.3 country song mixing ABC talk, 97.5 UNID Aussie mixing Tautoko FM, 98.5 Lismore exc, 98.7 classical.  
0156 UTC – BBC Fiji 88.2 poor, French on 89.5 poor.  
0208 – 97.1 Manning River, 96.7 ABC Classic Upper Namoi NSW poor, 96.3 Triple J vgd, 95.7 ABC Classic Illawarra over ABC NewsRadio Gold Coast, 95.5 ABC Local Radio Manning River vgd // 95.3, 94.5 NewsRadio Gympie and NewsRadio Nambour, 88.7 ABC Classic FM Nambour, 89.5 Triple J, 88.5 classic fair at 0220, 90.7 and 90.9. 91.1 Hot 91.1 Nambour with 20 song marathon, 92.7 Nambour commercials, 94.1 pop music.  
0309 – 94.5, 95.3 classical, 95.7 NewsRadio, 96.1 Triple J, 96.9 ABC, 97.7, 97.9 classical, 98.5 Newsradio, 99.5 // 96.9, 104.7 country music – who?  
0325 – 90.7 NewsRadio, 91.5 Triple J, 92.3 ABC // 94.5, 95.3 classical, 96.1 commercial station weak, 97.9 classical vgd, 99.5 talk. Nothing at 0408 recheck.

**Akaroa Bandscan on 3/4 November** - very few FM stations audible on a small transistor radio in this isolated village on Banks Peninsula. Local Akaroa Radio 91.1 had open carrier while there was nothing at all on its other 90.3 frequency. 95.9 has carried XS80s in the past but was playing a continuous loop of native bird calls when I heard it. RNZ Concert on 95.1 and More FM 99.1 were the only solid signals in town, but I managed to hear RNZ National from Ashburton on 101.3 on the rental car radio.

**Silverdale (Auckland) Bandscan on 19 December** - More FM Coromandel 89.1 an easy catch; LPFM 87.9 West Coast Radio strong (I could hear this in Wellsford 40km north as well, so must have a good transmitter location, or multiple sites); 106.8 identified as “106.8 FM, the World’s Greatest Music” and 107.5 was carrying TLC Radio. Further to West Coast Radio, a quick response from the station advises: “we have two transmission sites, one is very high up on the Kaipara hills and the second is very high in the Waitakeres.”

Had a visit from **UK FM DXer Dave Small**, a long-time friend of Brian Withers. Dave was en route to the Far North for a 7-week DXpedition to hear Pacific FM DX. We have kept in touch about FM DX activity by email, text messages and Skype. Dave uses a Sony SDR XDR-F1HD like me but with computer interface which enables him to capture the unique PS codes transmitted by FM stations - makes identifications so much easier. He is also trialing an SDRPlay RSP1A SDR for FM DX.

### **FM Notes - Paul Rawdon**

18 December 2017, 0825 to 0920 UTC

90.9 2PNN Illawarra over Southshore ZM Translator

91.5 2JJJ Grafton/Kempsy tuned back in later with some jerk doing a live performance with every second word being the F word.

92.3 Somebody with Bush fire info and a talk on manners

92.5 Gold 92.5 Gold Coast triggering the RDS on the radio with co channel from presumed 7PNN with News Radio.

93.3 Somebody interfering with Flava Southshore

94.1 Discussion on the media from somewhere

95.7 2ABC Classic FM in stereo for a time

97.3 2ILA with Aussie win at the Ashes (just tuned across as the last wicket fell)

98.1 198 Illawarra with commercials. I take it that Illawarra and Wollongong is the same area as the ACMA lists Illawarra and the station’s website says Wollongong.

Most were at very good levels and judging by the fading pattern it would have been Sporadic E.

The radio I used on this occasion was a Digitech AR1780 which performed amazingly well.

There is one problem with this radio, the external 3.5mm aerial jack socket. The internal switch that switches the external aerial to the internal when the plug is withdrawn is prone to failing leaving the aerial permanently switched to the external. This is the second radio that has developed this problem. Time to attack it with a soldering iron.

Aerial used was a 5 element Yagi.

This was the first decent opening of the summer.

**18 December 2017** continued, Local time Tuesday (UTC Monday), 2255 to 2330 UTC

Opening was better than yesterday:

88.3 UID Hindi sounding programming briefly over a LPFM local

89.5 UID Commercial mentioning Mossban?

91.1 3ABC-RR Bendigo (tent) with talkback

91.7 Talk on astronomy ISS mentioned

91.9 Pop Music 3BDG Bendigo (tent)

92.5 Presumed 7PNN News Radio Tasmania blasting through

92.7 3ABC Classics Bendigo (tent)

93.1 UID weak

93.3 3ABC Classic Western Victoria over Flava Southshore

93.5 UID

93.9 ABC News Radio Airlie Beach or Renmark/Loxton (tent)

94.1 UID

95.1 3PNN ABC News Radio Port Stephens over RNZ Concert Akaroa (tent)

95.5 Radio TAB, Emerald with gambling addiction info. This is listed as an HPON station so is very tentative, but it was the only one listed on their website.

95.7 UID

100.3 UID with the serial number of a lucky \$5 note

101.1 UID over RNZ National Timaru

102.7 UID

104.3 UID

106.9 UID with pop

I've listed Bendigo as tentative because I heard nothing that supported this assumption. I treated them as being most likely when one considers the power the stations were using, and the number of times Bendigo appeared in the station list. The Radio TAB ID was based on the frequency list provided by Radio TAB

Receiving location was Redwood, Christchurch using the car radio a Kenwood KDC-BT61OU. No bandwidth is quoted in the specs, but it does appear to be less than 230 kHz because it was possible to get closer to the locals without undue splatter. Antenna was the 1 metre whip on the car.

Update on the Digitech AR-1780 aerial socket: I shorted out the terminals on the switch, so the internal aerial is active all the time. It will be interesting to see if others have a similar problem.

So far this is shaping up to be a good season but then so did last summer at this time then things crashed.

**Opening on 23 December** between 0727 and 0945 UTC into Christchurch

90.9 7JJJ North East Tasmania blew ZM Sumner clean away

91.7 7NT (Tentative) over The Mix Southshore

92.5 7PNN Grandstand presumed Tasmania with Phoenix vs. Sydney match. It was the same commentary as Radio Sport here. Strong and long lasting.

92.7 3ABC Bendigo Classics

93.3 3ABC Western Victoria (Tentative) over Flava Southshore

93.9 3ABC presumed Western Victoria with discussion on films

94.1 UID ABC An American PBS type programme where people were telling stories

95.9 ABC Grandstand unknown site possibly 3PNN Murray Valley with 20KW

96.7 3JJJ Latrobe Valley plus one other

97.3 2ABC Murrumbidgee Irrigation Area with classics  
98.1 2PNN Murrumbidgee Irrigation Area with Grandstand  
100.7 3ABC Latrobe Valley weak  
101.3 2CFM Gosford // to web stream

Logged at home with a 5 element Yagi and the Digitech AR-1780. Signals were mostly steady and strong at times. Even though the Southshore stations put in a reasonably strong signal into North New Brighton they are no match for any Australian stations that happen to be around.

### **MediaWorks in Dunedin**

More FM will broadcast on two frequencies in Dunedin, giving listeners the option to tune in to Si & Gary on 97.4FM or Polly & Grant on 100.6FM.  
([www.mediaworks.co.nz/home/about/news.html](http://www.mediaworks.co.nz/home/about/news.html))

### **MediaWorks in Palmerston North**

Magic will continue to grow adding Manawatu on 104.2FM to the network with George moving up the dial.  
([www.mediaworks.co.nz/home/about/news.html](http://www.mediaworks.co.nz/home/about/news.html))

Magic is now broadcasting on 104.2 in the Manawatu. George FM is now on 107.1 (although I think it was there before).  
(Adam Claydon)

### **MediaWorks in Christchurch**

On December 24 Mai FM and The Edge swapped frequencies in Canterbury. Mai FM is now on 95.3 and The Edge is now on 88.9  
([www.facebook.com/MaiFMCanterbury/](http://www.facebook.com/MaiFMCanterbury/), [www.facebook.com/TheEdgeCanterbury/](http://www.facebook.com/TheEdgeCanterbury/))

### **Radio Shannon**

Shannon in the Horowhenua has its own radio station. It is Radio Shannon on 87.9 FM  
(Adam Claydon)

## **GfK Total New Zealand Commercial Radio Survey 4 – December 7, 2017**

### **MediaWorks:**

2017 has been a stellar year for MediaWorks Radio with the latest GfK Total New Zealand Commercial Radio Survey results showing an increase in total listeners to 2,316,800 people nationwide across its nine radio brands, the largest ever audience reach and an increase of 54,700 since the start of the year.

Leon Wratt, Group Content Director - Music, Mediaworks Radio said: "It's great to see such a fantastic performance across our radio brands this year and in the commercially important 25-54 demographic we are thrilled to be finishing the year on 56.4% share, 24.1 percentage points ahead of our competition. Four of our brands - The Rock, More FM, The Breeze and The Sound - are the top four stations in the same demographic.

"I'd also like to extend congratulations to our partners at Radio Tarana who saw the biggest lift of any individual station since the previous survey results with an impressive 1.5% share increase to 3.3% in Auckland and a national increase of 0.6%, equalled only by The Sound." More FM had another strong result as the number two music station nationally and again took the top spot in Christchurch with 15.8% share. Si & Gary had an amazing result in Tauranga, moving More FM to the number two music station at breakfast in their first year in the market. More FM Wellington also saw an increase with the Polly & Grant breakfast show extending its strong debut audience to a 7.5% share.

"More FM Wellington's results demonstrate the success of Polly & Grant in their home town and is a great indicator for their expansion into four new regions in the new year, including

Waikato, Rotorua, Whanganui and Dunedin,” said Wratt. “What we are doing in Dunedin in 2018 is really exciting and a world first for breakfast radio. More FM will broadcast on two frequencies in the region, giving listeners a choice - to tune in to Si & Gary on 97.4FM or Polly & Grant on 100.6FM.”

The Breeze is once again New Zealand’s leading music station in share and is second only to The Edge in total listeners nationwide. The Edge retained its leading position with a national audience of 613,100. The Breeze also had a great result in our biggest cities, increasing in Auckland, reaching its highest ever share percentage of 13.4% in Christchurch, and continuing to rule as the top music station in Wellington with 12.6% share.

Mai FM built on its strong results from September with a share increase to 9.2% in Auckland and a total listenership of 228,800 people across the city. Also in Auckland, Mai retained its top spot in breakfast radio with 140,400 people tuning in to Nickson, Nate and Lily each morning, 4,100 more than Newstalk ZB and more than 46,200 ahead of the nearest music station.

George FM recorded a strong performance in major markets growing 12,100 listeners in Auckland, including a 3% share point increase in its target demographic of 18-34. The Wellington market also jumped 0.5% in share to 1.2%.

The Sound is the preferred station in Dunedin<sup>3</sup> and recorded increases in multiple key markets; Auckland, Tauranga, Taranaki, Manawatu and Southland. It is third equal with The Breeze in share for all people aged 25-54.

The Rock remained consistent in the fourth quarter, celebrating its best result in the Auckland market in two years at 4.9% share. Leading the charge from the top, The Rock Morning Rumble, hosted by Rog, Bryce and Mulls, is the number one breakfast show in the country in the key 25-54 demographic.

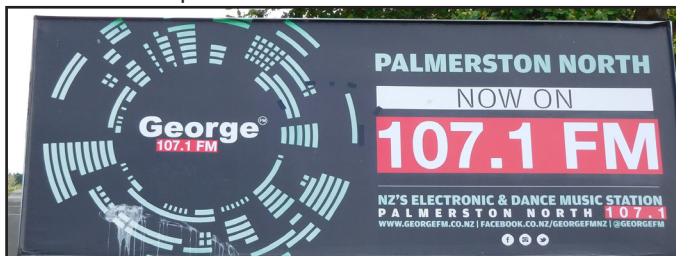
Magic remained the top music station in Rotorua and Hawke’s Bay and saw gains in Dunedin and Tauranga. Magic will continue to expand into the regions adding Manawatu on 104.2FM to the network in the new year.

RadioLIVE stayed strong in New Zealand’s heartland, posting consistent results in nearly all of the smaller regions, and increasing share in Northland, Rotorua and Tauranga.

Rova continues its success, increasing total app downloads by 12.5% to 242,000. To date, the total of all streams across Rova and the nine radio websites is 1,023,501 with 535,590 hours consumed via the app.

([www.mediaworks.co.nz/home/about/news.html](http://www.mediaworks.co.nz/home/about/news.html))

More next month on NZME’s performance - Chief Ed.



# UTILITIES

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Wishing everyone a happy New Year and hoping Santa brought all that you wished for. Unfortunately he did not bring many contributions to this section of the magazine but I managed to spend a little time listening to the aircraft frequencies via the Northland SDR.

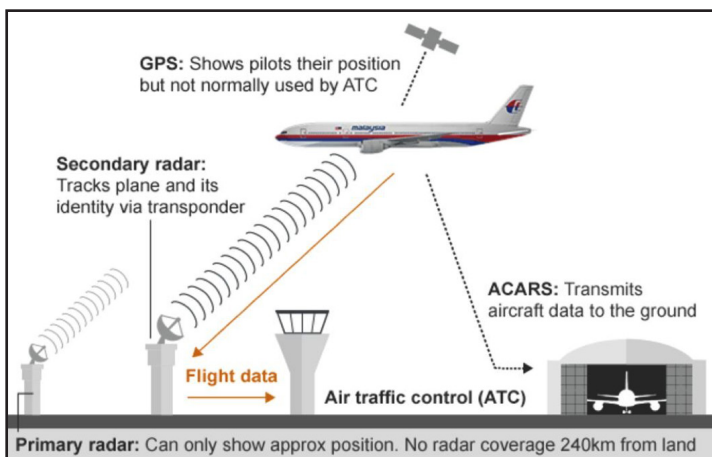
## FREQ UTC DETAILS OF TRANSMISSION

4675\*\* 0808 Gander asking for call sign then said call back in 5 minutes fair 28/12 ABD  
8176 0615 Australian Marine wx station @ 0617 Station jammed by pos North Korea Jammer 25/12 RP  
8828 0955 AUCKLAND Volmet closing ANN 24/12 RP  
8828 1020 Auckland Volmet s on ANN 24/12 RP  
8867\*\* 2002 Brisbane contact with 801, selcal check good 28/12 ABD  
8867\*\* 2005 Brisbane contact Air Canada selcal check Good 28/12 ABD  
8867\*\* 2008 Singapore 265 calling Brisbane position report selcal check fair 28/12 ABD  
8867\*\* 2010 Emirates 448 calling Brisbane position and selcal check fair 28/12 ABD  
8867\*\* 2012 Singapore 297 calling Brisbane selcal check ok good 28/12 ABD  
8867\*\* 2018 Fiji 411 calling Nandi Radio for selcal check good 28/12 ABD  
8867 0932 QANTAS 163 Merry Xmas Greetings EXC From FL370 Pos adv Christchurch TWR 123- 700 25/12 RP  
8867 0855 JETSTAR 216/AKL Position reports from FL 343 Freq exc 5643/ 8867 arv contact Brisbane 8867 25/12 RP  
11396\*\* 2118 Brisbane calling ?KL5061 for position report fair 28/12 ABD  
11396\*\* 2121 Brisbane calling 465 selcal check good 28/12 ABD

## CONTRIBUTOR

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

**RP** Roger Pryde, Dunedin – DR28 National with a indoor antenna





# 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, December 3, 2017 -- From 1984 to 1994, late night ABC talk show host Ray Briem conducted an annual five-hour □DX Special□ about DXing. Originating in Los Angeles, it was carried nationwide. Briem was a DXer himself, and he invited many DX luminaries to take part in the discussion, either in person or by phone. Under "DX History/Recordings" we have posted a recording of Ray's shortwave special heard on February 15, 1985 over WABC-770, New York. Stew MacKenzie was in the studio with Ray, and among the DX cognoscenti who participated by phone were Richard A. Wood, Tom Meyer, Arthur Cushen, Glenn Hauser, Laurie Boyer (NZ), Jonathan Marks (briefly), Ian McFarland, H. D. Norman (NDXE), and Joe Costello (WRNO), plus several callers. Briem retired at the end of 1994. He died in 2012. The recording is 2 hours, 50 minutes in length.

< [www.ontheshortwaves.com](http://www.ontheshortwaves.com)> Update, December 10, 2017 -- Now an Indian state, Goa was ruled by the Portuguese until the Indian army moved in in 1961. Emissora de Goa went on the air on shortwave in 1949, but was seldom heard--at least in the U.S.--until 1960, when it inaugurated a 50 kw. transmitter, yielding very good reception here. Under "DX History/QSLs & Other Station Memorabilia," we have posted four picture postcards from the station showing various scenes in Goa. Three are printed as Portuguese-English station QSL cards, and the fourth is a postcard bearing the station name. All are blank. The cards are numbered on the back, #1 through #4, and #2 is the same as a Goa QSL received by Don Jensen for reception in 1961 <<http://www.ontheshortwaves.com/DNJ/QSLs/SW-Goa-EmGoa-1961.pdf>> so these cards date from around that time. Don's reception was in November 1961, the month before Portuguese rule ended and the station went dark. It would be 33 years (1994) before Goa returned to shortwave in the form of AIR-Panaji. -- We have updated our "Active-Inactive SWBC Countries" list, which you can find under "Specialized Resources." The December 5, 2017 update adds two reactivated countries (Chile and Equatorial Guinea-Fernando Poo), and deletes two (Canada-Newfoundland and Morocco-Spanish), so the active-inactive totals remain the same: 117 vs. 146. See p. 42 of the list for the details. -- And finally, under "Specialized Resources/Wavescan," Adrian Peterson tells us about "The Radio Scene in the World's Smallest Kingdom [Tavolara, Italy]" (Wavescan N457, November 26, 2017); and "Abandoned Radio Stations-2" (Wavescan N458, December 3, 2017).

< [www.ontheshortwaves.com](http://www.ontheshortwaves.com)> Update, December 17, 2017 -- Under "DX History/Philately," we have posted another group of radio-related first-day covers from Japan (inserts follow the covers that contained them). -- And under "Specialized Resources/Wavescan," Adrian Peterson tells us an interesting story about a "German [Weather] Radio Station in Canada During World War II" (Wavescan N459, December 10, 2017).

< [www.ontheshortwaves.com](http://www.ontheshortwaves.com)> Update, December 24, 2017 -- This time, in "Specialized Resources/Radio Postcards," we have posted another file containing radio postcards from

Pennsylvania. The cards show: (1) the Father Murgas Wireless Telegraph Station, Wilkes Barre (1910) (Fr. Jozef Murgas was an early experimenter in spark transmission); (2) Penn State Wireless Tower, State College (1913), site of of an early experimental station; (3) KYW, Philadelphia; (4) Penn-Harris Hotel, Harrisburg, home of WKBO; (5) WDAR in the Lit Brothers building, Philadelphia; (6) WFBG FM, Altoona; (7) Penn Albert Hotel, Greensburg, home of WHJB; (8) WHLM, Bloomsburg; (9) WIIC TV, Pittsburgh; (10) WJAC, Johnstown; (11 & 12) two views of WKOK, Ft. Augusta, Sunbury; (13) WPEL, Montrose; (14) WPHB, Philipsburg; and (15) WQAN, Scranton.



## 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, 31st January**, 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 is tentatively scheduled on **Saturday 10th March** 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.

## 2018 CONVENTION KEYNOTE SPEAKER ANNOUNCED!

Journalist David Gapes came up with the idea of a commercial pirate radio station for NZ in 1965. A year later he was joined by a young radio ham and technical whiz -Denis (Doc) O'Callahan. Together with David, Derek Lowe and Chris Parkinson (both of whom had been working independently on a similar project), Denis made up the founding directors of iconic NZ broadcaster Radio Hauraki.

**Denis O'Callahan** will be special guest speaker at the League's 70th Anniversary DX Convention on 6-9 April this year. Denis' wife Judy will also attend – she was part of the Hauraki pirate team and once flew back from Australia with a key transmitter component hidden in her baggage!

Denis was Chief Technician for the station's pirate radio ship Tiri from 1966 to 1968 while Radio Hauraki broadcast from international waters (then 3 miles out!) between Great Barrier Island, Leigh and the Coromandel Peninsula on the mainland.

Make sure you're present for this historic gathering. Please let Bryan Clark know (contact details on page 2) **before the end of January** if you plan to attend (or might be interested in attending), so that accommodation and catering arrangements plus convention fees can be finalised.



Doc O'Callahan in the late 1960's  
*(Photo courtesy of the NZ Herald)*