


	<h1>New Zealand DX Times</h1> <p>Monthly Journal of the New Zealand Radio DX League (est 1948) January 2020 Volume 72 No. 4</p> <p><a href="http://www.radiodx.com">http://www.radiodx.com</a></p> 	
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*Happy New Year  
and Welcome to the January edition of the DX Times.*



### Life Membership

The Administrative Committee have much pleasure in announcing for **John Durham** for his 25 years of service to the League as a column editor. John is also a member of that elite group of ex-Southland DXers and has been DXing for around 60 years. John is still an active member of the DX Times editorial team with his monthly Shortwave Report.  
**Arthur De Maine, President.**

**From the Treasurer:** Have you renewed your subscription to the NZ Radio DX League and 'NZ DX Times' yet? Annual subscriptions expire on **31 December** and, for those of you receiving the 'snail mail' hardcopy magazine, that is the deadline to qualify for the discounted subscription (NZ\$30 for New Zealand, NZ\$55 for Australia). After that you will need to pay \$NZ35 or \$NZ 60

Please support the club and help the DX League Treasurer have a relaxed summer holiday by renewing early! Only NZ\$10 for the electronic subscription - a bargain I'm sure you'll agree! Thanks everyone. Bryan

Welcome to new member **Vincent Ferme** from Ottawa, Canada. Welcome Vincent, we hope you will have a profitable time in the League. Don't forget to send in some information about yourself.

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

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

**February**      **Wednesday, 29th January**

**March**          **Wednesday, 26th February**

**April**           **Wednesday, 25th 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.**



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

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

<http://kiwisdr.northlandradio.nz:8074/>

<http://kiwisdr.northlandradio.nz:8075/>

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

**RADIO FREE ASIA RELEASES YEAR OF THE RAT QSL  
JANUARY 2020**

Radio Free Asia (RFA) announces its Chinese Lunar Year QSL. The Year of the Rat begins January 25, 2020 and ends February 11, 2021. The rat is one of twelve animals used in the Chinese zodiac. Those born in a rat year are considered ambitious, meticulous, industrious and sociable. They are also very focused, natural at following their instincts, and they are highly attentive which supposedly makes them excellent in business. This is RFA's 72nd QSL and is used to confirm all valid RFA reception reports January – April 2020.



Reception reports should be sent to: Reception Reports, Radio Free Asia, 2025 M. Street NW, Suite 300, Washington DC 20036, United States of America or to [qsl@rfa.org](mailto:qsl@rfa.org)

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

They can be found at

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

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### NEW ZEALAND RADIO DX LEAGUE (Inc)

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

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An annual subscription (magazine delivered in PDF format) of \$10 is available for New Zealand members.

**For international subscribers - \$10 NZD equivalent in your local currency.**

We prefer international members use **PayPal**. If you wish to pay by credit card, please use **Paypal's credit card payment option**. Contact Treasurer for more details.

For localmembers you can make payment to -  
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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## 2019 Annual General Meeting Report

The 2019 Annual General Meeting was held at Lochlea Lifestyle Resort, Ashburton on Sunday 3rd of November with 11 members present and 3 attending via Skype. The President welcomed those attending and commenced the meeting with a minute's silence for those members that had passed away in the last twelve months. Life Member Phil van de Pavverd, Ralph Sutton, Bruce Lister, Mike Butler, Dallas McKenzie and Kelvin Brashaw.

**Minutes** of the last meeting were ratified.

### **Reports received –**

**The Patron** in his report mentioned that in this digital age it's difficult for many to show any interest in our hobby but somehow we must find a way to interest people in DXing. The 'hams' have come up with a system called 'Ham Cram' where participants are taught the basics of Amateur Radio in one weekend and an exam is held on the Sunday. Perhaps someone with a little expanded thinking can come up with a way to encourage more participants to our hobby.

He mentioned the SDR receiver and antenna at Peter Mott's property in Northland that continues to be used by many listeners. Those of us with noise problems at our home locations are benefiting daily. Our thanks go to Peter for providing the opportunity for great DX.

Finally he gave a vote of thanks to our Administration Committee and to the members who continue to support the various Page Editors in their efforts and to Stu our Chief Editor of the New Zealand DX Times which is a credit to our organisation.  
Sutton Burtenshaw. Patron.

A discussion then took place on attempting to get new members and how successful Christchurch Ham Branch had been in achieving this. Andy Gardner spoke on how new digital modes made Ham Dxing easier. Peter Mott will put a link to Radiodx.com on the public SDR. Paul Ormandy will set up a landing page on Radiodx.com.

**The President** in his report said that the league continues to remain strong financially even though our membership continues to decline. In the past few months we have received a generous bequest of \$5,000 from Bruce Lister in appreciation for the work by the Chief Editor and section editors who produce the DX Times.

He mentioned that the DX Times continues to be well produced in hardcopy and in electronic form as a PDF. We must thank Stu and his team for their time and effort in producing the magazine each month.

The report also mentioned that the League's SDRs continue to be well used by members and that we thank Peter Mott for providing and maintaining these receivers.

Other persons the League had to thank were Andy Gardner for hosting the league's website and also the webmaster, Paul Ormandy for maintaining and looking after the website.

The report also thanked members of the Administration Committee for their time and work

over the past twelve months and especially the Treasurer, Bryan Clark.  
Arthur De Maine President

**The Treasurer** presented his report. Because the League was in a good situation financially it was passed that the subscription for the coming financial year be same as for the last.

**The Chief Editor's report** was contained in the October issue of the DX Times and was accepted by the meeting. Paul Rawdon advised he was taking over as TV FM DX sub editor.

**The Webmaster** reported that the website averaged 65 views per day and had a total of 23861 views from 1st of November 2018. The top three popular pages were "Antennas for FM DX", "League SDRs" and "It had to be EWE". Paul welcomed more photos.

The screenshot shows a sample copy of the DX Times magazine. The main article is titled "It Had To Be EWE" and features a photograph of two men in a field. The text of the article discusses the author's experience with EWE antennas, mentioning Paul Ormandy and Ray Crawford. To the right of the article is a search bar and a "Join Us" button with a headset icon. Below the article is a "MEMBER-ONLY SDR" section showing a screenshot of an SDR software interface. At the bottom left, there is a "POPULAR POSTS & PAGES" section with a link to "League SDRs". A Facebook "follow us on facebook" button is also visible.

**The Competition's Report** was tabled and was accepted by the meeting. The report has since been published in the November issue of the DX Times.

**The League's Competitions and the Ladder pages** were discussed and the following was put to the meeting "That monthly and annual competitions as such be abolished and at the end of each League year (31 August) magazine sub-editors provide a list of outstanding or highlighted loggings for publication. Ladder competitions will be reviewed in the coming year." Moved Steven Greenyer, seconded Bryan Clark. Carried.

**Election of Officers** – all current League Office holders were elected unopposed.

**General Business** It was decided that Adcom should look at a Code of Participation for dxdialog.

Peter Mott apologised for the poor performance of the SDR due to a tree damaging the antenna and him being unable to repair it due to being away from home for 6 weeks. Peter also mentioned he was transporting a Racal receiver which had belong to Arthur Cushen south to Paul Ormandy for inclusion at the Awarua Radio Museum.

Meeting finished at 3.15pm. After the meeting members enjoyed afternoon tea.

# MUSINGS



Editor

Stu Forsyth  
Mangawhai

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**Life Member, Ray Crawford** is off on holiday in northern New South Wales. He sent me an interesting piece of information from the FCC in the US: The FCC has invited comments on a Notice of Proposed Rulemaking that would allow AM broadcasters to transmit an all-digital signal using the HD Radio in-band on-channel (IBOC) mode, known as MA3.1

“We tentatively conclude that a voluntary transition to all-digital broadcasting has the potential to benefit AM stations and provide improved AM service to the listening public,” the FCC said.

“We seek comments on proposed operating standards for all-digital stations and the impact of such operations on existing analogue stations and listeners.”

*[That would undoubtedly have a considerable impact on our ability to DX North America! Enjoy the break, Ray, and watch out for the fires!]*

Another **Life Member, Ken Baird in Wainuiomata**, writes: I read the articles on Dialog about problems in China.

I consider the “West” has dropped the ball as “we” consider HF radio to be an obsolete technology. China has not. To 3rd/2nd level countries, it still is a very important, cheap means of communication. The Sth Pacific Is need cheap comms for news, weather (Cyclones !), etc. They do not have reliable Internet, Cell phones, Satellite service. After the close of Radio Australia, they now only RNZI, a 100KW Txer running at 50KW(why?) And China who, on checking, now occupy most RA frequencies. *[I don't know why, and Adrian Sainsbury can confirm, but I suspect 50kw is all you need to get a really good signal up in the islands. I certainly was impressed by RNZI as I was in Niue during the winter].*

Most “Western” TXers are old, 100/200KW operating from Saipan, Philippines, Thailand, USA, etc. When WBCQ opened it's 500KW Txer in the US recently, it was a major event! China has 50 active SW Txers, 25 rated 500KW including 7 recently installed at Kunming, and 25 100/200 KW elsewhere in China. I am unable to get data on the Txers in Albania used by China. China broadcasts 2700 hours per day, 7 days a week, including 24 hours of English each day. If RFA, VOA try sending to Tibet in Tibetan, for example, China turns on one or more of its 500KW Txers located near the Tibetan border and totally wipes them out. I have heard this many times, both for Tibet and the Uighur region. I now ignore strong signals on the SDR1 waterfall as they usually indicate China or Saudi Arabia which I am no longer interested in (you can only take so much of the Koran or Mandarin).

Of interest, Nth Korea has 15 operational 200KW Txers. V of Korea is heard everywhere.

Sth Korea (KBS World Radio) broadcasts 63.5 hours per day and makes extensive use of relays, satellite, internet and streaming. The number of Txers and their power are not known.

Everyone assumes modern technology is available to all people and this is not so. Hence my comments.

There is still a lot to hear on the Intl SW bands apart from China. I find plenty to keep me very very interested.

Merry Christmas to all members.

*[A very Merry Christmas and happy New Year to you too, Ken. I think the points you make are good. We do tend to live in a bubble and think that everyone has unfettered access to technology and that just isn't the case, which is why the likes of DW still broadcasts into Africa. The one country you didn't mention in your list was India - tropical band SW is still very much alive there - for a good reason.....]*

Next up is **Douglas Johns** in **Christchurch**. Good Morning Stu - and what a beautiful morning it is down here. Just a couple of bits for this month, both logged via a stateside SDR. QSLs in from KKXA Snohomish WA 1520 and CJYM Rosetown SK 1330.

Have a great Christmas - and don't forget "A Yule Log does not count towards your competition totals". Regards, Douglas *[ You are no fun at all! Warmest regards to you as well.]*

**Brian Webb** in **Upper Hutt** sends this in: Conditions are not all that bright these days around here as far as reception goes using portable receivers. One tends to blame the technological gadgetry in the immediate neighbourhood to an extent. Used to have a decent dipole arrangement for years till the Council took a dim view of anything "unconventional", but there's a "still interested" aspect, despite living in suburbia these days - perhaps not as much as my cadet days in the PO in Invercargill when Arthur: Cushen invited me to become a member, but at that stage I had already become a DXRA member, and later years joining NZDXRL....years roll on! *[Thanks for this Brian. I know it was originally intended for Bryan Clark, but he shared it with me. You highlight the difficulty of the suburban DXer perfectly. That's why we have an SDR and it's why the likes of Ken Baird (above) has found a new lease of life. Great to hear from you - do write again.]*

**A third Life Member, Bryan Clark, Mangawhai** writes: Minimal DX activity due still setting into our new location (which is 60 metres closer to North America than the previous site) and waiting for ground landscaping to be completed before I dig in coaxial cables out to the new antenna locations. Landscaping was finally completed on 17 December, so time to get moving on the antenna farm. Have an occasional listen on the League SDRs and impressed at how well WBCQ's "super station" on 9330 comes through in our mornings as well as afternoons. Plus of course the reactivation of shortwave from Vanuatu - 3 frequencies logged testing in mid-December. Some FM DX caught on the car radio, so another antenna priority there.

*Christmas and New Year Greetings to all. [And a very Merry Christmas and Happy New Year to you too, Bryan]*



**Edward Kusalik in Daysland, Alberta, Canada** has sent a list of his recent QSLs. They are as follows: ANTARCTICA, 15476AM Radio Nacional Archangel San Gabriel. Rec'd an E-mail reply from the Base Esperanza Antarctica Argentina. Two E-mail Beautiful 40th Anniversary Certificates, in 12 days, for an e-mail and reply from: Ira36@hotmail.com <mailto:Ira36@hotmail.com>

ASCENSION ISLAND 9535 Radio Ndarason International via BBC Ascension Island Transmitter. Full data two-page E-QSL with station information and data for a report too and reply from OopsAsc.@encompass.co.ac <mailto:OopsAsc.@encompass.co.ac>within 48 hours after posting my report. V/S: Shannon Yon Trainee Communications Technician

AUSTRALIA 11905 Hingna Awl Matu Radio via Reach Beyond (HCJB) via Kununurra Transmitter. Rec'd a nice reply, w/ cover letter plus a full data (w/programs and languages indicated) in 35 days for report posted on their website [www.reachbeyond.org.au](http://www.reachbeyond.org.au) and reply from [radio@reachbeyond.org.au](mailto:radio@reachbeyond.org.au) <mailto:radio@reachbeyond.org.au>V/S: Margaret Penford Listener Correspondent

BULGARIA 5900 Radio Taiwan International via Kostinbrod Bulgaria Transmitter. Rec'd a full data (w/site) RTI's 90 anniversary Arjuna Temple Dieng-Wonosobo QSL Card, rec'd in 21 days via Postal Reply, after posting my report at their website: [deutsch@rti.org.tw](http://deutsch@rti.org.tw) <mailto:deutsch@rti.org.tw>

ETHIOPIA 6090 Amhara Radio, Berhr Dar, Ethiopia. Rec'd back after posting my report (within four hours) A Verification statement that "I was listening to there (sic) station Amhara Radio". Report was sent too and reply from: [deremo03@gmail.com](mailto:deremo03@gmail.com) <mailto:3@gmail.com>V/s: Dereje Mogas Tdesse, Manager, Amhara Mass Media

GERMANY 5905 & 6180 Deutsche Wetterdienst, via Pinneberg JO4SVQ Transmitter. Rec'ed a full data (w/site & details on card) beautiful photo of Towers and Building QSL, with schedule and personal note in GG via Postal Mail. E-mail report sent to: [info@dwd.de](mailto:info@dwd.de) Reply in 8 days.V/s: W. Bebiucke 6070 Free Radio Skybird via Channel 292 Rohrback Waal Transmitter. Rec'd a reply within 26 days a photo of staff in front of a Radio Shack Store. Report mailed too: DJ Frederick Moe, 36 West Main Street Warner NH 03278 USA

PIRATE – EURO. 6205 Laser Hot Hits confirmed via E-mail full data e-QSL with listed power as 200 Watts. Report sent too and reply in 30 days from [studio@laserhothits.co.uk](mailto:studio@laserhothits.co.uk) <mailto:studio@laserhothits.co.uk>



That concludes my final Report for 2019 as I will be visiting Family and Friends during this Holiday Season...so with that I wish to extend my Greetings to all and the Best Wishes in the New Year 2020.... Edward Kusalik





*[Wonderful to hear from you, Edward. A nice collection of veries, which just goes to show they can be still got! Best wishes to you too, from all of us. Send your next set of veries straight to me at nzrdxmailbag@gmail.com. Your contributions are always very welcome.]*

**Mike Smith in Opunake** is last one up: Hi Stu, Hope you and the other members have a Merry Christmas and a Happy New Year, as the song goes. Very quiet on the radio front, been too busy in the lead up to the silly season, not to mention spending last weekend in Tauranga shifting daughter, son in law and family 3 blocks down the street to a new home in Welcome Bay. I took the loop but forgot the preamp, but was still able to hear the usual mainland Yanks with the loop alone, inside the house. So that's promising. But I still didn't get time to look up Mr Durham from those parts. One day.

I got up early at home one morning (before the latest storm damage to Peter's antenna) and checked what was around on the SDR. Well, 6AM and daylight our time and KICY and KNOM were still there, 8AM and dark up there. Also numerous JJ and Koreans around. Plus I suspect there would be a path to northern Europe as well if we had a clear channel to monitor. On the Ladders question, yes, I would like to keep it. As you say, it does help to keep the flame burning for some of us. Maybe not so much about competition but more about satisfaction. You can see something for your efforts. Anyway, take it easy over the break, roll on February and the trip to Coromandel. I'll be there the week of the 12th, if I remember correctly I heard the first Brazilians at home on Feb 28 this year.

Cheers

Mike

*[Very best wishes to you too, Mike. Enjoy Coromandel - I know good things have been heard there in the past. Boy, February 28th is early for Brazilians.....]*

**Your Chief Editor** reports - no activity at all over the past month, no time for it and not a lot of interest just at present.



# BANDWATCH



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

**email nzrdxlunder9@gmail.com**

It's January 2020 (yay!) so I guess that's another year down the drain. I hope Santa actually produced the goods we requested for Christmas - great weather and even better signals at your place. Your contributions are always welcome, and I'm sure you all know the rules - show loggings as tentative if you don't get a clear ID, or if there's any doubt about the logging, and provide as much detail as you can, including the date and language heard, while keeping your notes concise.

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

3945	0950	VANUATU Radio Vanuatu testing new transmitter with 2.5kw 14/12, very good signal. Thanks to Adrian Sainsbury tip! BCM**
5040	0733	VANUATU Radio Vanuatu in Bislama very good with ID and time check for "6.30" 15/12. New evening freq on new transmitter. long health talk, reggae song. BCM**
5875	1145	THAILAND R Thailand poor in EE for Asia 18/11 JM
5875	1840	ARMENIA BBC WS fair in Pashto 25/11 BC
5925	1000	CHINA CNR-5 fair at s/on in CC 1/12 JM
5935	0730	USA WWCR w/Dr Gene Scott EE religion 26/11 BC
5940	0724	PERU, R Melodia fair in SS, Tent ID, 25/11, KAB**
5955	1815	ROMANIA RRI fair in Ukrainian 27/11 BC
5985	0625	ALBANIA CRI relay via Cerrik fair in Arabic 13/11 JM
5990	0857	TIBET, PBS Qinghai v good in Tibetan (Tent) 29/11, KAB**
5990	1837	ROMANIA RRI very good in Romanian 1/12 BDW
5995	1738	BULGARIA Bible Voice Broadcasting fair in AA w/music 29/11 BC
6010	1620	CHINA CRI fair in Vietnamese // 7315 poor 26/11 JM
6045	0720	ENGLAND KBS World Radio relay via Woofferton poor/fair in KK 13/11 JM
6050	0654	LIBERIA ELWA Monrovia poor, fluttery signal w/vocals 15/12. Local anncts just before the hour, then into lively message by African American preacher till 0730 when hymns hrd. BCM**
6070	1727	CHINA CRI good in Russian 28/11 BC
6075	0803	ALASKA, KNLS good with EE talk & music (Tent) 23/11, KAB**
6090	1735	CHINA CRI "Roundtable" excellent in EE 23/11 BDW
6100	0615	CUBA R Habana poor in EE to USA // 6000 // 6165 13/11 JM
6100	1420	CHINA CRI poor/fair in EE via Urumqi // 6135 27/11 JM
6105	0855	BRAZIL, R Cancao Nova fair in Portuguese (Tent) 29/11, KAB**
6110	1740	ETHIOPIA R Fana fair in Oromo 14/12 BC
6115	1555	NEW ZEALAND RNZI fair in EE to the Pacific 13/11 JM
6135	0732	BRAZIL, R Aparecida Good in Portuguese (Tent) 25/11 KAB**
6140	1820	INDIA AIR Bengaluru in Urdu w/music 2/12 BC
6145	0645	CUBA R Habana new frequency fair in EE 28/11 JM
6150	1630	IRAN VOIRI fair in Bengali 23/11 JM
6155	0632	AUSTRIA ORF good in GG 29/11, KAB** also 7/12 BDW

6160 1805 CHINA CRI fair in GG for Europe // 7395 // 9615 21/11 JM  
6165 0808 STH KOREA, KBS World Radio, Excellent in JJ (Tent) 23/11 KAB\*\*  
6165 1735 CHINA CRI "Roundtable" good in EE 22/11 BDW  
6170 1815 NTH KOREA R Pyongyang new frequency fair in GG 19/11 JM also 7/12 BC  
6185 1522 CHINA CRI "World Today" very good in EE 22/11 BDW  
6195 1714 OMAN BBC WS fair in EE to India 3/12 BC  
6270 1830 ARMENIA Iran International TV relay fair in Farsi 16/12 JD  
7245 1840 MOLDOVA TWR Africa relay fair in Tigrinya, s/off 1845 27/11 JM  
7260 0730 VANUATU Radio Vanuatu reactivated, testing 15/12 in Bislama. Very good signal till abruptly off 0737. Checked 5040 but only Cuba there till 0800. BCM\*\*  
7270 1325 INDIA AIR poor/fair via Chennai in Sinhala 27/11 JM  
7280 1940 TAIWAN SOH fair in Mandarin (Tent) 21/11, KAB\*\*  
7285 1350 CHINA CRI fair in Mongolian // 6100, s/off 1400 27/11 JM  
7325 1815 CHINA CRI fair in Persian // 7415 21/11 JM  
7335 1825 VATICAN BBC WS relay good in Somali, s/off 1830 27/11 JM also 29/11 BC  
7345 0655 ROMANIA RRI good in EE w/news 27/11 BC also 0715 in GG 16/11 JM  
7360 0610 ROMANIA good in FF for Europe 13/11 JM  
7360 1630 VATICAN R Vaticana fair in RR // 6185 28/11 JM  
7365 1845 GERMANY HCJB relay via Weenermoor good in GG 29/11 BC  
7375 0627 FRANCE AWR fair/good in FF 27/11, KAB\*\*  
7375 1854 ROMANIA RRI fair in Romanian 28/11 BC  
7390 0655 FRANCE RFI good in FF 27/11 BC  
7395 1410 CHINA CRI fair in JJ 20/11 JM  
7405 1810 CHINA CRI good in EE for Europe 21/11 JM  
7410 0515 FRANCE NHK World Radio fair in EE via Issoudun 13/11 JM  
7420 1720 CHINA CRI fair in EE // 6090 // 6100 // 6165 19/11 JM also 22/11 BDW  
7475 1815 THAILAND R Thailand poor/fair in Thai, EE from 1900 18/11 JM  
7495 1839 GERMANY Deewa Radio via Biblis fair in Pashto 29/11 BC  
7505 1540 MOLDOVA TWR India relay fair in Punjabi s/off 1545 26/11 JM  
7525 1330 UZBEKISTAN Asia Broadcasting Institute fair with special broadcast, EE ID and JJ prgm 7/12 JD  
7530 1855 KUWAIT Deewa Radio fair in Pashto s/off 1900 22/11 JM also 25/11 BC  
7550 1540 ARMENIA TWR VG in EE to s/off, quoted frequency as 9300 22/11 BDW  
7555 1310 TAJIKISTAN Bible Voice Broadcasting fair via Dushanbe in EE s/off 1330 18/11 JM  
7590 1625 MOLDOVA TWR India relay good in Urdu s/off 1630 14/11 JM  
9330 0645 USA WBCQ good with EE religious prgm 7/12 BDW  
9400 1850 BULGARIA The Overcomer good in EE w/religion 28/11 BC  
9525 1944 FRANCE Denge Welat via Issoudun (tent) fair in Kurdish 25/11 BC  
9535 0308 JAPAN NHK World Radio fair in JJ 27/11 BC  
9645 1240 CHINA CRI poor/fair in EE for Asia 30/11 JM  
9690 1355 INDIA AIR fair in EE via Bengaluru 21/11 JM  
9700 0154 KUWAIT RFA poor in Uighur, no jamming (Tent) 17/11, KAB\*\*  
9705 1720 VATICAN R Vaticana excellent in ME/African languages 22/11 BDW  
9760 0910 NEW ZEALAND RNZI good in EE, parallel 2YA prgms 23/11 BDW  
9765 0155 THAILAND VOA/Deewa Radio fair in Pashto 17/11, KAB\*\*  
9940 1230 THAILAND R Thailand very good in EE, also noted 1400-1430 18/11 JM  
9950 1430 MOLDOVA TWR India relay fair in Vasavi 20/11 JM

11600 1435 BULGARIA Overcomer Ministry relay fair in EE 21/11 JM  
11630 0310 CHINA CNR-17 poor in Kazakh 23/11 JM  
11685 1908 SPAIN REE good in SS 27/11 BC  
11710 0315 CHINA CRI poor in RR // 15435 23/11 JM  
11725 0615 NEW ZEALAND RNZI poor/fair in EE for the Pacific 20/11 JM also 7/12 BDW  
11745 1830 SAUDI ARABIA Al Azm Radio fair in AA for Yemen 21/11 JM  
11800 0945 CHINA CNR-2 fair in CC // 7245 // 7315 30/11 JM  
11820 1840 SAUDI ARABIA R Saudi poor/fair in AA for Europe // 11915 21/11 JM  
11825 0930 USA WHRI new frequency fair w/ID in EE 18/11 JM  
11860 1925 SAUDI ARABIA Republic of Yemen Radio good in AA 18/11 BC  
11875 0420 IRAN VOIRI poor in Turkish 30/11 JM  
11875 1205 AUSTRALIA Reach Beyond poor in Hindi 18/11 JM  
11900 1240 PHILIPPINES VOA fair in CC // 7470 (Thailand) 27/11 JM  
11925 1320 ABU DHABI NHK World Radio fair in Indonesian s/off 1400 20/11 JM  
11930 1930 USA R Marti poor/fair in SS 22/11 JM  
11945 1305 ROMANIA RRI fair in AA 20/11 JM  
11970 0320 TAIWAN Sound of Hope poor in CC 23/11 JM  
11980 0725 GERMANY AWR Africa relay fair in AA s/off 0800 18/11 JM  
12040 1230 GUAM KTWR fair via Merizo in Karen s/off 1242 20/11 JM  
12075 1855 VATICAN VOA relay fair in FF 21/11 JM  
12140 0220 THAILAND Ashna Radio relay poor/fair in Dari 23/11 JM  
12430 0235 TAIWAN Sound of Hope poor/fair in CC 23/11 JM  
13580 0130 CHINA CRI poor in CC 20/11 JM  
13610 1920 CHINA CNR-1 good in CC 11/12 BC  
13860 0300 THAILAND R Azadi poor in Dari 23/11 JM  
15150 0930 THAILAND R Thailand fair in CC // 11650 // 9795 23/11 JM  
15160 0900 SOUTH KOREA KBS World Radio fair in KK at s/on 23/11 JM  
15160 1040 CHINA CRI fair in Khmer // 17680 18/11 JM  
15175 1050 MOLDOVA Denge Welat relay in Kurdish 18/11 JM  
15190 1010 CHINA CRI fair in EE 23/11 JM  
15195 0250 JAPAN NHK World Radio fair in JJ 28/11 BC  
15250 0900 CHINA CRI good in CC // 11980 // 13650 // 13850 // 15340 14/11 JM  
15255 1105 ROMANIA RRI good in FF for Europe // 11780 18/11 JM  
15285 0500 SAUDI ARABIA BSKSA fair in Swahili 24/11 BC  
15285 0510 SAUDI ARABIA R Saudi poor in Swahili 27/11 JM also 24/11 BC, 3/12 KAB\*\*  
15320 0400 TAIWAN RTI fair in Cantonese 15/11 JM  
15325 0350 JAPAN NHK World Radio poor in JJ 15/11 JM  
15335 0950 CHINA CRI fair in RR // 15665 23/11 JM  
15350 0945 CHINA CRI fair in EE to Asia 27/11 JM  
15440 0940 CHINA CRI good in CC // 17670 27/11 JM  
15445 0510 CHINA CRI fair in RR // 15665 27/11 JM  
15515 1826 KUWAIT R Kuwait fair in AA 24/11 BC  
15525 1020 CHINA CRI poor/fair in CC 23/11 JM  
15580 1025 PHILIPPINES FEBC fair in Sunda, into Sasak from 1030 23/11 JM  
15580 1900 BOTSWANA VOA fair in EE with comment on Trump /NATO, ID, 3/12, KAB\*\*  
15610 1905 USA EWTN(WEWN) good in EE with relig prgm 3/12, KAB\*\*  
15620 1330 VATICAN VOA relay fair in Somali 23/11 JM  
15640 1100 KUWAIT R Azadi fair in Dari, Pashto from 1130 // 12140 23/11 JM  
15665 0920 CHINA CRI fair in RR 14/11 JM  
15690 1200 GERMANY R Farda relay via Biblis fair in Persian // 9990 // 12005 23/11 JM

15730 1909 BOTSWANA VOA fair/good in FF 3/12 KAB\*\*  
 15760 0407 THAILAND Mashaal Radio via Udon Thani in Pashto 4/12 BC  
 17810 0258 JAPAN R Japan/NHK v/good in JJ 3/12, KAB\*\* also 11/12 BC  
 17820 0255 PHILIPPINES R Pilipinas good in EE with ID & language lesson 3/12, KAB\*\*

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

### Local Contributors

<b>BC</b>	Brian Carr	Christchurch	AOR AR-5000, EWE
<b>BCM**</b>	Bryan Clark	Mangawhai	** Using the League's Northland SDR
<b>BDW</b>	Brian Webb	Upper Hutt	DE-1103 & AR-1733 with whips
<b>JD</b>	John Durham	Tauranga	SDR Play 2, Eavesdropper dipole antenna
<b>JM</b>	John Mainland	Wellington	Philips D-2999, 20m longwire North-South
<b>KAB**</b>	Ken Baird	Wainuiomata	** Using the League's Northland SDR

### Overseas Loggings

Freq	Time	Details
5995	2325	MALI RTV du Mali fair in FF, full ID @ 0001 7/12 RDA
9330	1559	USA World's Last Chance Radio via WBCQ good in EE 7/12 RDA
11770	1712	NIGERIA VON fair in EE 14/12 RDA
17700	1503	BOTSWANA VOA relay poor in Hausa 13/12 RDA
17885	1442	BOTSWANA VOA relay fair in EE, off 1500 13/12 RDA

Note that reception of these overseas loggings may not be possible in New Zealand at the times listed.

### Overseas Contributor

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

Contributions to this column may be sent to [nzrdx1under9@gmail.com](mailto:nzrdx1under9@gmail.com) or direct to the editor, Ian Wells, at [iwellsnz@gmail.com](mailto:iwellsnz@gmail.com) or via snail mail to 16 Fenty Place, Mosgiel 9024.



# ENGLISH IN TIME ORDER

Editor

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0255	17820g	R Pilipinas	PHILIPPINES	3-Dec	KAB**
0515	7410f	NHK World Radio	JAPAN	13-Nov	JM
0615	6000:6100p:6165	R Habana	CUBA	13-Nov	JM
0615	11725f	RNZI	NZ	20-Nov	JM
0645	6145f	R Habana	CUBA	28-Nov	JM
0645	9330g	WBCQ	USA	7-Dec	BDW
0654	6050p	ELWA	LIBERIA	15-Dec	BCM**
0655	7345g	RRI	ROMANIA	27-Nov	BC
0730	5935	WWCR	USA	26-Nov	BC
0803	6075g	KNLS	ALASKA	23-Nov	KAB**
0910	9760g	RNZI	NZ	23-Nov	BDW
0945	15350f	CRI	CHINA	27-Nov	JM
1010	15190f	CRI	CHINA	23-Nov	JM
1145	5875p	R Thailand	THAILAND	18-Nov	JM
1230	9940g	R Thailand	THAILAND	18-Nov	JM
1240	9645f	CRI	CHINA	30-Nov	JM
1310-1330	7555f	Bible Voice Bcasting	CANADA	18-Nov	JM
1355	9690f	AIR	INDIA	21-Nov	JM
1420	6100f:6135	CRI	CHINA	27-Nov	JM
1435	11600f	Overcomer Ministry	BULGARIA	21-Nov	JM
1522	6185g	CRI	CHINA	22-Nov	BDW
1540	7550g	TWR	USA	22-Nov	BDW
1555	6115f	RNZI	NZ	13-Nov	JM
1714	6195f	BBC WS	UK	3-Dec	BC
1720	6090:6100:6165:7420f	CRI	CHINA	19-Nov	JM
1735	6090e	CRI	CHINA	23-Nov	BDW
1735	6165g	CRI	CHINA	22-Nov	BDW
1810	7405g	CRI	CHINA	21-Nov	JM
1850	9400g	The Overcomer	BULGARIA	28-Nov	BC
1900	7475f	R Thailand	THAILAND	18-Nov	JM
1900	15580f	VOA	USA	3-Dec	KAB**
1905	15610g	EWTN	USA	3-Dec	KAB**



# SHORTWAVE REPORT



**Editor**

**John Durham**  
**Tauranga**

**email**  
**nzrdxlshortwave@gmail.com**

## AUSTRALIA

Reception of Reach Beyond Australia RBA in 25mb on December 16  
1200-1230 on 11945 KNX 100 kW / 310 deg to SoAs English Daily, good signal  
1315-1330 on 11865 KNX 100 kW / 335 deg to SEAs English Mon/Wed/Fri, good:  
1530-1545 on 9765 KNX 100 kW / 335 deg to NEAs Korean Daily &  
1545-1600 on 9765 KNX 100 kW / 335 deg to NEAs English Mon/Fri weak signal  
(Via HCDX Ivo Observer Sofia Bulgaria )

## ECUADOR

6050, HCJB, Pichincha, \*0924-0940, 13-12, tuning music, anthem, Quechua, comments, Ecuadorian songs. 15321. (Via Manuel Méndez. Lugo Spain)

## ERITREA

7140, Voice of Broad Masses, Asmara, 1610-1625, 30-11, Vernacular comments. 12321.  
7180, Voice of Broad Masses, Asmara, 1615-1628, 30-11, Vernacular comments. 24322  
(Via HCDX 02/12 Manuel Méndez Lugo, Spain)

## INDIA

4800, AIR, Hyderabad, 1608-1633, 30-11, Hindi songs. QRM from China on the same frequency. 2242.  
4810, AIR, Bhopal, 1605-1640, 30-11, Hindi songs. 35433.  
4910, AIR, Jaipur, 1610-1622, 30-11, Hindi songs. 15321.  
4920, AIR, Chennai, 1611-16267, 30-11, Hindi songs. QRM from China on the same frequency. 32422)  
4950, AIR, Kashmir, 1612-1618, 30-11, Vernacular comments. 14321.  
5040, AIR, Jeyapore, 1613-1637, 30-11, Hindi songs. 15421.  
(Via HCDX 02/12 Manuel Méndez Lugo, Spain)

## JAPAN

6055, Radio Nikkei 1, Chiba-Nagara, 0746-0757, 12-12, Japanese, comments. 15311.  
Also 0801-0815, 13-12, Japanese, comments, male. 15321.  
6115, Radio Nikkei 2, Chiba-Nagara, 0737-0810, 12-12, Japanese pop songs adn comments.  
15321. Also 0800-0814, 13-12, Japanese, comments, female, songs. 15321.  
(Via HCDX Manuel Méndez Lugo, Spain. Logs in Friol)

## MÉXICO

6185, Radio Educación, Ciudad de México, 0445-0510, 01-12, Latin American songs.  
15321. ( Via HCDX. Méndez Lugo Spain) [Also audible via league sdr till off air around  
0600. Editor]



## SRI LANKA

BBC World Service in DRM mode via Trincomalee from November 18: 0800-0900 on 15620 TRM 085 kW / 345 deg to SoAs English, ex SNG 250 kW / 315 deg  
(Via HCDX Shortwave report from Sofia Nov 28-Dec 3 Ivo Observer)

## SUDAN

7205, Sudan Radio, Al Aitahab, 1623-1640, 30-11, Arabic, comments. 24322. (Méndez)

9505, Sudan Radio, Al Aitahab, 1716-1728, 30-11, English, id. "The Voice of Africa, from Radio Sudan, the forum of all Africans..." , news and comments. 25432. Via HCDX (Méndez Lugo Spain)

## TAJKISTAN

Reception of Bible Voice Broadcasting via Dushanbe December 1 1300-1400 on 7555 DB 100 kW / 071 deg to NEAs English/Korean Sun, fair+STANAG  
(Via HCDX Shortwave report from Sofia Nov 28-Dec 3 Ivo Observer)

## THAILAND

HSK9 Radio Thailand World Sce, November 29

1800-1900 on 7475 UDO 250 kW / 316 deg to WeEu Thai-fair and

1900-2000 on 7475 UDO 250 kW / 324 deg to WeEu English, weak

1000-1100 on 17630 UDO 250 kW / 300 deg to N/ME Thai, weak/fair: World service Dec 2nd

(Via HCDX Shortwave report from Sofia Nov 28-Dec 3 Ivo Observer)

R Thailand WS has just (Friday) posted to F\_B an updated schedule due to take effect from 1 December. (Thanks to a tip by Ranjit Darnal in F\_B). which I re-type below:

0000-0030 English	13750	0030-0100 English	13750
0100-0200 Thai	13750	0200-0230 English	13750
0230-0330 Thai	13750	0530-0600 English	17640
1000-1100 Thai	17630	1100-1115 Vietnamese	5875
1115-1130 Mandarin	5875	1130-1145 Thai	5875
1145-1200 English	5875	1200-1215 Malaysian	9940
1230-1300 English	9940	1300-1315 Japanese	9940
1315-1330 Mandarin	9940	1330-1400 Thai	9940
1400-1430 English	9940	1800-1900 Thai	7475
1900-2000 English	7475	2000-2015 German	7475 (is back again)
2030-2045 English	7475	2045-2115 Thai	7475

(Via WWDX Top Nx. R Thailand via Ranjit Darnal via Alan Roe-UK, BRDXC-UK wor Nov 30)

USA Frequency change of WRMI-3 Okeechobee from 49 to 31mb from December 17:  
2100-0100 NF 9425\*YFR 100 kW / 160 deg to LaAm English Dly Supreme Master TV  
0100-0200 NF 9425\*YFR 100 kW / 160 deg to LaAm Spanish Tue-Sat RAE Argentina  
0100-0200 NF 9425\*YFR 100 kW / 160 deg to LaAm English Sun/Mon WRMI programs  
\* instead of 5800 YFR 100 kW / 160 deg to LaAm English & Spanish, re-ex 6060  
2100-0200 on 9425 YFR 100 kW / 160 deg to LaAm English NOT IN HFCC DATABASE!

## USA

Frequency change of KNLS The New Life Station from December 18:

1000-1100 NF 9715 NLS 100 kW / 285 deg to EaAs Chinese tx#1, ex 9665

And other registered new frequencies via tx#2, but inactive at present  
1000-1100 NF 9605 NLS 100 kW / 270 deg to SEAs English tx#2, ex 6115  
1200-1300 NF 9635\*NLS 100 kW / 270 deg to SEAs English tx#2, x 11670  
\*at same time 9635 BKO 050 kW / non-dir to WeAf French R.Mali Bamako!  
(Via HCDX. Ivo Observer Dec.18/19)

## SHORTWAVE NEWS

### BOLIVIA

6134.8, Radio Santa Cruz is out of air, probably for various weeks. Here is a mail from the Director of the stations received right now: "Por el momento estamos sin emisión de radio en Onda Corta. Veremos algún dictamen de normativa en Bolivia, pronto volveremos a hacerlo."

The mail says they are out of air at the moment, but they hope to return to short wave soon.  
(Via HCDX 18 Dec. Manuel Mendez. Lugo Spain)

### COLOMBIA

Rather sketchy details have emerged of a new shortwave station due to commence broadcasting soon. The following information from Daniel Wyllans in an email from Ray Rising [mailto:sylvester\_stallings@sil.org <sylvester\_stallings@sil.org>]

Sent: \* Friday, December 6, 2019

To: \* Glenn Smith. \*Hi Glenn, \* \*I came back from Colombia 23 Nov. \*

\*The new station should be on the air within 10 days.\*\*They were going to purchase a generator. \* \*The antennas are in place and the building is wired. \* \*I lack to cover my air travel, Charlotte-Bogota-Charlotte. Cost \$ 846.25. \*

\*Yes the signal will cover all of Venezuela and Eastern Colombia.\* \*I carried down several CD's with the scriptures in 6 Venezuelan languages to include in the broadcast schedule. \*

\*The next station will be in Pulcallpa Peru.\* \*Send donations to Ethno Media Associates, P O Box 2130, Orange, CA 92859. ATTN : Ethnic Radio.\* \*Donate on line : Ethnoma.org \* \*God Bless, Ray \* (Via HCDX Daniel Wyllans Brazil)

[The Ethnoma organisation is the same group that set up Radio Logos, Chazuta Peru in 2012. This was done with collaboration from HCJB Global, Ethnic Radio and a local evangelical church. Ray Rising is Ethnic Radios Technician. This information via Ethnic Radio website.]

### IRAN INTERNATIONAL TV

Audio relay of this organisation is currently being heard on 11560kHz from 0730 and 6270kHz from 14.00. via 100kw transmitters in Armenia as reported by Ivo Observer in Bulgaria.  
[Noted here in Tauranga at 1830 fair level on 6270]

The following was taken from WIKIPEDIA. Iran International is a Persian language television channel broadcast by satellite to Iran. Iran International is owned by Volant Media UK Ltd. It is licensed in the United Kingdom to Global Media Circulating Ltd as an editorial news service based in London. It was launched on 18 May 2017 and is managed by DMA Media Ltd, which has bureaus in Paris, Istanbul, Kabul and Washington.

- Broadcast area: Iran and region, North Africa, Europe, North America
- Language: Persian Country: broadcast from United Kingdom.

[It is believed that this broadcaster is funded from Saudi Arabia and has strong links to the Saudi Royal family. Editor]

Updated schedule of BRB Denge Welat, December 17 programming for Kurdistan  
 0330-0459 on 7350 ISS 250 kW / 090 deg to WeAs Kurdish unchanged  
 0500-0559 NF 11530 ISS 250 kW / 090 deg to WeAs Kurdish, ex 11540  
 0600-0700 NF 11530 KCH 300 kW / 130 deg to WeAs Kurdish, ex 11540  
 0700-0800 NF 11530 KCH 300 kW / 130 deg to WeAs Kurdish, ex 15175  
 0800-1200 NF 13730 KCH 300 kW / 130 deg to WeAs Kurdish, ex 15175  
 1200-1300 NF 11530 KCH 300 kW / 130 deg to WeAs Kurdish, ex 15175  
 1300-1500 NF 11530 KCH 300 kW / 130 deg to WeAs Kurdish, ex 11540  
 1500-1659 NF 11530 ISS 250 kW / 090 deg to WeAs Kurdish, ex 11540  
 1600-1700 on 9525 ISS 250 kW / 090 deg to WeAs Kurdish additional  
 1700-1959 on 9525 ISS 250 kW / 090 deg to WeAs Kurdish unchanged  
 2000-2200 on 9525 KCH 300 kW / 116 deg to WeAs Kurdish unchanged  
 TRT Radio Recep Erdoğan is also on NF 11530 and 13730 kHz, BUT in various times from  
 EMR 500 kW / 105 deg to WeAs Turkish-very weak  
 (Via HCDX Ivo Observer. Bulgaria)

### QSL NEWS

ANTARCTICA 15476AM Radio Nacional Archangel San Gabriel. Rec'd an E-mail reply from the Base Esperanza Antarctica Argentina.

Two E-mail Beautiful 40<sup>th</sup> Anniversary Certificates, in 12 days, for an e-mail and reply from: lra36@hotmail.com <mailto:lra36@hotmail.com>

ASCENSION ISLAND 9535 Radio Ndarason International via BBC Ascension Island Transmitter. Full data two-page E-QSL with station information and data for a report too and reply from OopsAsc.@encompass.co.ac <mailto:OopsAsc.@encompass.co.ac>within 48 hours after posting my report. V/S: Shannon Yon Trainee Communications Technician

ETHIOPIA 6090 Amhara Radio, Berhr Dar, Ethiopia. Rec'd back after posting my report (within four hours) A Verification statement that "I was listening to there station Amhara Radio".

Report was sent too and reply from: deremo03@gmail.com  
 <mailto:3@gmail.com>V/s: Dereje Mogas Tdesse, Manager, Amhara Mass Media  
 (All the above via dxdialog. Edward Kusalik Daysland, Alberta, Canada)



# BROADCAST NEWS

Editor

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Mangawhai

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## COOK ISLANDS TO UPGRADE MW? MALDIVES REACTIVATE MW.

**NEW ZEALAND** Magic Talk Christchurch on 99.3 FM is due to move to **738 AM** in late December, in a logical swap with Magic Music. (David Kaio & Simon Hill reporting to DX Dialog 21/12)

**ALGERIA 891 kHz** on 19 December at 0705 UT and still 0717 UT, carrier setting WLS 890. Reports from Spain and elsewhere in Europe have reported 891 reactivated, first with 1 kHz tone tests, like recently on 576 kHz from another site {Bechar west Algeria, wb.}. WRTH 2020 shows 891 as 600 kW, but half power at 1900-0600 UT. Likewise half-power hours for 576 and LW 252 kHz; and none of them shown as having been inactive. (Glenn Hauser-OK-USA, wor Dec 20) 891 kHz On my old excellent SONY ICF 2010/2001 rx noted an tremendous RTA signal this Dec 21 morning around 07 UT with Maghreb-Arabic program into southern Germany. The technicians of exTransRadio Berlin company did an excellent refurbishing job on 252, 576, 891/1422 kHz bcst sites recently. (Wolfgang Bueschel via WWDXC Top News 21Dec19)

**AUSTRALIA 2XL Cooma on 918** is scheduled for permanent switch off in mid-January. (Ian Baxter via MWMasts IO Group) According to the 2XL website, 2 new FM frequencies 92.5 and 96.1 were scheduled to commence regular transmission on 16 December. (BC)

### CANADA

- 580 CKWW Windsor ON slogan is "The Greatest Hits Of All Time".
- 600 CFQR Montreal QC was taken off the air by a Windstorm with placement parts expected sometime in January.
- 800 CKLW Windsor ON has new slogan: "AM800 CKLW, The Information Station".
- 900 CBUM Nakusp BC has moved to 99.9 MHz with 50 watts.
- 940 CFNV Montreal QC was taken off the air by a Windstorm with placement parts expected sometime in January.
- 1070 CBUU Clinton BC has moved to 98.9 MHz with 50 watts.
- 1350 CIRF Brampton ON Radio Humsafar began testing 12 December with regular South Asian programming scheduled to begin in the first few days of 2020.  
(Jon Pearkins via Dan Sys IRCA)

**COOK ISLANDS** The loss of the AM 630kHz station, which had broadcast since the 1970s, raised concerns about ways of alerting the Pa Enua (outer islands. BC) during natural disasters such as cyclones. It was reactivated in October from a smaller 36-metre mast at the golf club premises in Nikao, covering some of the outer islands. In Parliament last week, Titikaveka MP Selina Napa questioned the government on when radio services will be returned to the Pa Enua, noting that the country is now into the "cyclone season". Napa said the outer islands were more vulnerable now that they are no longer able to receive warnings from local radio station. Checking weather updates online was not easily accessible in the Pa Enua.

[Finance Minister] Mark Brown said, government recognises the importance of good

communication with the Pa Enuua, particularly during the cyclone season. "We recognise that with the dismantling of the mast in Matavera for the AM signal, this signal is now restricted from the Blackrock transmitter, but does not have the same reach as the previous transmitter had," Brown said. "Bluesky and Cook Islands Investment Corporation are working together on this and every island can receive the FM signal. "But some of the islands need an upgrade of their telecommunications infrastructure in order to be able to receive the FM signal and also to be able to transmit it throughout each of the individual islands." Acknowledging it is a matter of urgency, Brown said the government was closely working with Bluesky and a New Zealand company to acquire the needed infrastructure for each of the Pa Enuua. **The long term aim of government is to look for a suitable site in order to construct an AM transmitter with a mast high enough to be able to transmit the signal.** (extracts from Cook Islands News 16/12 via Barry Hartley)

**GUATEMALA** A new station was heard on 6 December at my remote location in Liguria, North Italy, The id is quite clear - Radio Fé y Esperanza. "Para Guatemala y el mundo intero". Frequency approximately **1389.976**. They transmit from the capital city, and they have a FM frequency too, 103.1 Mhz I have sent them this clip via Whatsapp and they confirmed me in minutes. Adding that they have started 24 hours operation just last week. Before it was 5am-10pm local time. They have advised that transmitter power is 6kw. (Rocco Cotroneo via RealDX IO Group)



**HAWAII** KLHT **1040** and KHKA **1500** in Honolulu have been granted a Special Temporary Authority for reduced power as needed during rail construction. (NRC)  
850 KHLO Hilo format is now Religion, ex Sport. (NRC)

**MALDIVES** Finally, after a long wait, Dhivehi Raajjeyege Adu [Voice of Maldives] **1449** kHz is planning to resume AM broadcasts on 29 December from its brand new 25 kW Nautel transmitter and the antenna field installed at Thilafushi island , 7 kilometers from Male, the Maldivian capital city. RFS engineers from Nautel are currently in Thilafushi working on the final phase of installation, to go on the air to celebrate the 57th anniversary of Dhivehi Raajjeyege Adu. Radio broadcasting in the Maldives began on 29 Dec 1962 under the name "Male Radio". The upgrading of broadcasting facilities have been financed under a grant from the Japanese government." (Sarath Weerakoon via Christoph Ratzer, A-DX newsgroup Dec 17 via WWDXC Top News 21/12)

**NORWAY** NRK Ingøy on **153** kHz long wave shutdown on December 1 after having been on the air 18 years. [Svenn Martinsen, DX Listeners Club and WRTH Facebook]

#### **PUERTO RICO**

600 WYEL Mayagüez granted STA extension, U1 1250/1250.  
1160 WBQN Barceloneta-Manati applies to extend STA, U1 1250/1250.

1240 WALO Humacao applies to extend STA, U1 1000/5000 due QRM from the Dominican Republic. (via NRC's "DX News")

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

560 KSFO San Francisco CA networks to W1n/Ru/P/WW1/TRN/RER. (Wayne Heinen)  
610 WIOD Miami FL asks to extend STA, U4 10kw day & night due Cuban QRM.  
660 KGSV Oildale CA granted STA extension, U1 2000/1250.  
760 WJR Detroit MI networks to W1nRu/P/WW1/RER. (Wayne Heinen)  
770 WABC New York NY networks to W1n/WW1/RER. (Wayne Heinen)  
790 KABC Los Angeles CA networks to W1n/WW1/RER. (Wayne Heinen)  
810 KGO San Francisco CA networks to W1n/BNN/CMP/C2C. (Wayne Heinen)  
900 KALI West Covina CA applies for STA with U1 1250/37, one tower needs replacing.  
1030 WONQ Oviedo FL granted STA extension, U1 45000(or less)/425.  
1180 KCKQ Sparks NV format to TLK (ex-TLK/OLD); delete slogan and networks.  
1210 KGYN Guymon OK networks to W1n/AGt/P/DR/CMP/FSR. (Wayne Heinen)  
1320 KNIT Salt Lake City UT networks to SRN. (John Wilkins)  
1420 KSTN Stockton CA granted license to cover CP for U4 5/3.5kw at existing site.  
1430 WLTV Panama City FL granted STA extension, U1 1250/1250.  
1520 KKZZ Port Hueneme CA granted STA extension, parameters at variance.  
1530 KFBK Sacramento CA change of slogan to "News 93.1." (John Wilkins)  
1600 KAHZ Pomona CA applies for STA with U1 5/1.25kw, one tower needs replacing.

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

690 KOAQ Terrytown NE has new callsign KOLT.  
740 WSBW Boca Raton FL is now silent  
880 KJOZ Conroe TX adds slogan: "Tu Unica Estacion Tropical en Houston".  
960 WSVU North Palm Beach FL replaced its oldies format with Christmas music for the holidays, slogan "Rudolph's Radio".  
1160 KRKY San Antonio TX now carries Relevant Radio religious teaching.  
1190 WAFS Atlanta GA format was business news, now Relevant Radio.  
1240 KVSO Ardmore OK now identifying as "107.5 FM 1240 AM The Animal.  
1260 KLYC McMinnville OR has new slogan: "KLYC The Cruise".  
1300 KKOL Seattle WA is now silent  
1380 KXFN St Louis MO now carries Relevant Radio religious teaching.  
1400 WSIC Statesville NC has new slogan: "News/Talk WSIC".  
1470 WWNN Pompano Beach FL has new slogan: "FM Money Talk Radio".  
1560 KNZR Bakersfield CA noted stunting on 28 November. They are playing hits from the 1960s. (Mike Sanburn)  
1560 KGOW Bellaire TX was silent, now ethnic, slogan: "Viet Radio 1560 AM".  
1590 KLIV San Jose CA licence will expire if it doesn't return to the air by 29 January 2020. Recently an extremely reliable source told me that neither San Jose State University nor the City of San Jose are interested in acquiring the license. Although it would be free there would be a lot of major expenses involved in getting it back on the air and operating it. A new studio would have to be built and a chief operator (what the FCC used to call chief engineer) hired. The transmitter would have to be diplexed. 24/7 programming would have to be decided upon and paid for. There would be a monthly lease expense to operate from the new location. The power bill would be expensive. I predict that it won't happen. (Dennis Gibson)  
1590 KLRK Mexia TX has changed callsign to KEKR.



**USA – VIRGINIA** Don't know why so many VA stations have whack-a-doodle frequency control. The FCC monitoring station in Laurel, MD apparently doesn't care. Most of these offsets have been this way for months if not years.

1149.945 = VA, WNLR

1350.072 = VA, WGPL

1439.715 = VA, WKLV

1479.960 probably VA, WPWC

(Mark Connelly in IRCA Group via Mauno Ritola MW Offsets Group)

**USA - AM DIGITAL:** The FCC approved today the adoption of a rulemaking allowing AM stations to transition to all-digital operation. Hubbard Radio's "The Gamut" 820 WWFD Frederick MD has been operating in all digital mode since July 16, 2018 in collaboration with HD Radio owner Xperi. The new rulemaking will allow AM stations to go all-digital and establish operating parameters for doing so. (Radio Free Insight via NRC)

**VENEZUELA** YVQQ Ondas Porteñas **640** is no more. During its long existence, the station was also branded as Porteñas 640 and Unión Radio 640. At the burial ceremony of my friend and fellow radio announcer Carlos José Martínez on Sunday 17 November 2019, Doña Hilda, widow of Sr. Bellorín and her daughter Chebela, confirmed that my dear Ondas Porteñas 640 will not return to the airwaves. The station's transmitting station has been sacked by hooligans who took away practically everything of value. The transmitter and antenna had previously been moved to the district of Caicara which is known for its high crime rate. Only the sender could be rescued from the thieves. This was particularly sad news for me as I had my beginnings as a radio announcer and technician at this station. Until recently I had great hopes that the station would soon be reactivated. (José Elías Díaz Gomes via Cadena DX fb 18.11.2019, translation Christer Brunström, ARC via Glenn Hauser's WOR IO Group)



YVZD Radio Barinas, Barinas **880** back on the air with "Llanera" music On 22nd November, Santiago reported scattered IDs from the station. Some of the IDs heard were "La Nueva Radio Barinas 880" or "La Nueva Radio Barinas, la decana". This radio station is not a brand new one as in the past Radio Barinas was one of the eleven stations owned by the Venezuelan businessman Tobías Carrero Nácar under the name "Circuito Radio Venezuela". The rest of the stations are now off the air. (Jorge Garzón, IberiaDX via Santiago San Gil G, Cadena DX fb via Mauno Ritola, ARC via Glenn Hauser's WOR IO Group)

#### **X-BAND REPORT**

**AUSTRALIA** Info received from Al Kirton General Manager that 4KZ **1620khz** Taylors Beach QLD was to close on December 31st. Reasons given: the frequency is too high and has very few listeners to justify the license cost of \$900 a month. (Chris Rogers via BC)



**MEXICO** XEANAH Radio Anáhuac, Huixquilucan on **1670** w/music with SS IDs; personal first F 0732 19/11. (Max van Arnhem, Netherlands in MWC via Glenn Hauser's WOR IO Group)

1700 **MÉXICO** XEPE, Puerto Nuevo, BCN. 10/26 0159 – Mixing with KKLf. Promoting XESDD's web page. The Tijuana politician who operates both stations (and a few others) was recently elected governor of Baja California. Relog. (Tim Hall IRCA)

## **USA**

1640 KBJA Sandy UT – Networks to THN/Westwood 1. (Wayne Heinen NRC)

## **KING OF THE KILOCYCLES**

Indeed, aptly named King of the Kilocycles, **TONY KING** Greytown writes that, whilst conditions haven't been great, he noted back to back South American salsa and other 'beats' on 1010 recently around 0830 UTC. Possibly the 50kw Radio Cielo in Peru. On 17 December, amid the rain downpours, Tony found the Yanks popping up and Tonga topping 3ZB 1017. *[Yes Tony, conditions have definitely been up and down. I'd vote for 1010 being Peru. BC]*

## **MEDIUM WAVE MICRO TRAIL**

**TK** Tony King, Greytown with Tecsun PL380 and a flock of EWE's

1140 0906 **CANADA** CHRb High River AB Religious preaching mixed KHTK on talk 17/12 TK.

Your sub-editor is determined to get at least one EWE erected in January and get back into the DX! Meantime, I hope you will be able to get some DX time during the holidays and send in your own trail items to prove that MW DX is still alive – please?

# **BRANCH NEWS**

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

## **WELLINGTON BRANCH**

The next Beach Babble will be on **Wednesday, 27 January, 12.45pm**

Beach Babylon Cafe, Oriental Bay, Wellington

## NORTH AMERICAN X BAND AT-A-GLANCE 01/2020 (thanks to Tony King)

1610	XEUACH	Chapingo	MX	Radio Chapingo
	CHHA	Toronto	ON	SS 'Radio Voces Latina' Fq ID in SS & EE
	CHRN	Montreal	QC	South Asian Format. Radio Humsafar
1620	KSMH	W. Sacramento	CA	Rel. 'IHR (Immaculate Heart Radio) Sacramento'.
	R Rebelde	R. Rebelde	CU	(6 Tx ) SS .Distinctive 5 note chime on hour. Sync echo.
	WNRP	Gulf Breeze	FL	News/Talk Fox News "News Radio 1620"
	KOZN	Bellevue	NE	Fox Sport "The Zone"
	WTAW	College Station	TX	'Newstalk 16-20 WTAW' Takes C-to-C AM
	WDHP	St Croix	USVI	"ID 103.5 The Reef" Caribbean mx dominates.
	KYIZ	Renton	WA	Urban contemporary //KRIZ " Z Twins"
1630	WRDW	Augusta	GA	Silent. 07/2019
	KCJJ	Iowa City	IA	Oldies. " The Mighty 16-30 KCJJ"
	KKGM	Ft Worth/Dallas	TX	'Modern gospel music 1630 KKGM' IRN News
	KRND	Fox Farm	WY	SS 'regional mexican' ID "La jota La Mexicana"
1640	KDIA	Vallejo	CA	Talk/religious/life issues
	WTNI	Biloxi	MS	C & W. The Possum
	KZLS	Enid	OK	News/Talk
	KDZR	Lake Oswego	OR	Conservative Talk "Talk 1640"
	KBJA	Sandy	UT	'K-Talk KBJA'
	WSJP	Sussex	WI	Rel. Catholic. " Relevant Radio 1640 AM"
1650	KFSW	Fort Smith	AR	Contemporary Christian
	KFOX	Torrance	CA	Radio Seoul. Korean/ EE ID on hour
	KBJD	Denver	CO	SS Rel. Radio Luz
	CKNZ	Cedar Falls	IA	"The Sports Station" 1650 The Fan
	CKZW	Montreal	QC	Regional x CJRS
	CINA	Mississauga	ON	South Asian Format.
	KSVE	El Paso	TX	SS Mexican "Jose 1650 AM R. Suavecita"
	XEARZ	Mexico DF	MX	EZL orchestral
	WHKT	Portsmouth	VA	GOS/rel 'Praise' slogan.
1660	KBRE	Merced	CA	AOR 'The Bear'
	WCNZ	Marco Is	CA	Relevant Radio
	KWOD	Kansas City	FL	Sport/Talk " 'The Score'
	WQLR	Kalamazoo	MI	Fox Sports. "Kalamazoo 1660, The Fan"
	WBCN	Charlotte	NC	Classical Rock
	KQWB	West Fargo	ND	Fox Sports
	WWRU	Jersey City	NJ	Korean Gospel
	WGIT	Canóvanas	PR	'Faro Santidad' SS Religious
	KRZI	Waco	TX	'KRZI ESPN Central Texas'
1670	KHPY	Moreno Valley,	CA	SS religious . ESNE radio.
	KQMS	Redding	CA	"News Talk Airs C2C/Fox
	WMGE	Dry Branch,	GA	"Fox Sport Radio 1670 Georgia"
	CJEU	Gatineau	G	Community/Children's "Radio Oxygene 1670"
	WOZN	Madison	WI	"CBS Sports Radio "The Zone"
1680	KGED	Fresno	CA	News/talk ID slogan ""AM 1680 The Answer"
	WOKB	Winter Garden	FL	Rel/ UC "Gospel 1680"" "inspiration Station"
	KRJO	Monroe	LA	"Classic Hits 1680 "LA105"
	WPRR	Ada	MI	Talk. Public Reality Radio
	WTTM	Lindenwold	NJ	now SS La Unica' <b>11/19</b>
	KNTS	Seattle	WA	SS rel.EE ID 00:10 after hr Radio Luz.
1690	KFSG	Roseville	CA	ID slogan ""AM 1680 The Answer"
	KDMT	Arvada	CO	Relevant Radio
	WMLB	Atlanta	GA	"Classic Hits 1680 "LA105"
	WVON	Berwyn	IL	Talk 'WVON Berwyn AM 1690"
	WPTX	Lexington Park	MD	Adult standards
	CHTO	Toronto	ON	C & W
	CJLO	Montreal	QU	Oldies.
	WGIT	Charlotte Amalie	USVI	News/talk. Nets NPR 100w.(05/19)
1700	WEUP	Huntsville	AL	Contemp Gos. 'Huntsvilles Heritage Station'
	WJCC	N. Miami Beach	FL	World ethnic.' Radio Mega 1700.'
	KBGG	Des Moines	IA	CBS Sport 1700
	XEPE	Tecate BCN	MX	SS relaying XESDD 1030 @ 07/19
	WRCR	Ramapo	NY	Community station. 250w 05/19
	KKLF	Richardson-Dallas-Ft	TX	Worth TX Tejano/Conjunto SS/EE 'Banda 13'
	KVNS	Brownsville	TX	Fox Sports Radio 1700'

# TV/FM NEWS & DX

Editor

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Happy New Year and welcome to the January edition I hope you have had a good Christmas. Band activity has continued to be quiet but is showing some promise. Most of the activity continues to be centred within Australia. One or two ICDX members have been lucky enough to catch some trans-Tasman openings to Northland and Nelson. New Caledonia and Tonga have also been heard. Some Aussie 6 metre Hams have managed transpacific contacts to Chile.

On the local front the 22nd New Zealand Scout Jamboree will be held at Mystery Creek, Hamilton between 28 December 2019 and 7 January 2020. In times past there has been a jamboree radio station. The first jamboree that hosted a radio station was in Oamaru in 1978. 4ZJ 1320 kHz and was operated by Radio New Zealand. If previous jamborees are an indication they will be using their own LPFM station.

**Niu FM** has had a programme/network switch. They're now on air only in Auckland on 103.8. The remaining NiuFM frequencies now carry the Pacific Media Network and identify as **PMN531pi**. To add a little confusion into the mix they also use **531pi**. Thanks to **David Kaio** for the update. It would seem the change occurred in January.

## SAMOA

**David Ricquish** from Wellington sends news of the launch of some new stations in Samoa. **Islad Base Samoa** began operation in May 2019 and is a web based station. The second David tells us about is **Malo FM 105.3** which has recently opened. It is owned by Radio Polynesia Ltd. Other stations in the group are **Magik FM**, **Talofa FM**, **K Lite**, and **Star FM**. Web streams are available but you must subscribe. **SMS GO FM** is another with programming aimed at senior citizens and is licenced to the Good News Trust they're on 94.3 and 88.0 MHz they have a Face Book page <https://www.facebook.com/pages/category/Radio-Station/SMS-GO-FM-SAMOA-315676785966592/> Thanks David

## COOK ISLANDS

**Barry Hartley** checks in with an item from 'Cook Island News'. The Cook Island Government is planning to spend half a million dollars to upgrade the telecommunications infrastructure so that Pa Enua can receive clear FM radio signals. In addition to the radio upgrade improvements to the TV service will also occur.

## Updates

**Paul Ormandy**, Oamaru notes a possible addition to Bryan's FM list after hearing a fluttery signal from The Hits on 97.0

Aerial upgrades at **Bryan Clark's** residence continue, he reports that the concrete for the FM aerial base has been poured. He is hoping to have a temporary installation erected in the next couple of weeks.

## To the Logs

### Bryan Clark, Mangawhai

**10 December** - 89.7 non-stop Hindi vocals heard on car radio while driving through the most elevated part of Auckland's North Shore. Rap music on 87.5 at the same time.

**12 December** - on car radio: BBC Fiji 88.2 booming in for about 5 minutes from 0212 UTC. Weak signal on 92.2 wasn't identified.

**Brian Withers**, Napier with a Nad tuner 4300 with a High Gain Aerial with Height 8 meters with rotator. Can hear Hamilton FM stations with better signals most days including New Plymouth. Logs include

**14 December** - Around 03.55 UTC Tonga on 87.5 & 90 very weak with 10 second bursts today with Tongan music & on 87.5 English church type music. Heard on my new aerial about 8 meters high.

**Paul Rawdon**, Christchurch only two loggings:

**7 December** - 95.7 ABC Classics FM Illawarra with patchy signals. It did last long enough to setup the SDRplay and it did a pretty good job.

**20 December** - 95.7 2039 UTC What appeared to be ABC News Radio heard while mobile. May have been the Gold Coast. As I was passing Rhema's mast classical music appeared on 95.7 and lasted on and off until I arrived home when the signal faded out.

English FM DXer **Dave Small** G7WBH is back at his location in Houhora 42 Km north of Kaitaia. Dave has provided a phenomenal list of what he has been hearing. If I featured them all it would take up most of the magazine! It's great to see that band conditions have been producing some results and it's just a matter of being in the right place at the right time. A selection from **20 December** follows:

88.2	00.50	BBC World Sce,Suva,Fiji.
88.7	02.57	4ABCFM, Classic FM, Nambour.
89.3	01.51	4CRB,Gold Coast.(Mt Tamborine).
89.5	01.18	La Première.
89.5	03.00	4JJJ, Triple J, Nambour.
90.7	02.09	2PNN, ABC News R, Grafton/Kempsey.
91.0	01.19	La Première.
91.1	03.02	4MCY, Hot 91, Nambour.(Bald Knob).
91.9	03.02	4SEE, "919 Sea FM", Nambour.(Bald Knob).
92.3	02.10	2MRR, ABC, Coffs & Mid North Coast, Grafton/ Kempsey.
92.7	03.03	4SSS, Mix FM, Nambour. (Bald Knob).
92.8	01.05	Radio Fiji 1, Ba/ Coral Coast.
93.0	01.05	Radio Fiji 1, Suva
95.0	01.07	2Day FM, Suva?
95.2	01.06	2Day FM, Ba/ Coral Coast?
96.0	01.27	FM96, Sigatoka, Fiji.
96.2	01.28	FM96, Suva
97.6	01.29	Radio Mirchi, Ba/ Coral Coast.
99.0	01.31	R Rythme Bleu
100.0	01.14	R Fiji Gold. Ba/ Coral Coast.
100.2	01.15	R Fiji Gold, Suva.
100.8	01.17	Radio Navtarang.
101.0	02.14	R Navtarang, Suva.
102.0	01.34	Radio Djiido.
103.0	01.35	Radio Djiido.
104.8	01.36	Radio Fiji 2.

Another resource for checking for possible openings that I omitted last month is the

**Aus-FMTV-Alerts io group** <https://groups.io/g/Aus-FMTV-Alerts> this group has been quite active with reports mainly from Australian members. Tonga and New Caledonia have been reported a few times together with a lot of internal openings.

**Please use the following email addresses:**

nzrxdxtvfm@gmail.com or for late notes: format4nz@gmail.com

Thanks to our contributors, take care.

# UTILITIES

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Welcome to the New Year, I hope you all had a great Christmas. Not a large number of contributions this month. I look forward to hearing what members heard over holiday period.

## FREQ UTC DETAILS OF TRANSMISSION

3413	0905	Ireland Shannon volmet woman "This is Shannon volmet" poor to fair 17/12 ABD**
5643	0813	Qantas 147/Auckland selcal check and position report good 18/12 ABD**
6754	0855	Canada Trenton with aviation weather poor 17/12 ABD**
8743	1645	Thailand Bangkok Meteorological Radio ID followed by male announcer "Broadcast message for shipping" 16/12 Good ABD**
8867	0315	Qantas 122/Auckland selcal check fair 12/12 ABD
8867	0325	NZ255/ Auckland position report fair 12/12 ABD

## CONTRIBUTORS

**ABD** Arthur De Maine, Ashburton – Elad SDR 30ft long wire.

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

The following photos are of the Makara Radio station. Wellington members in the 1990s were able to access the closed station for DX.

## Arthur





# On the shortwaves.com

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

< [www.ontheshortwaves.com](http://www.ontheshortwaves.com)> Update, December 1, 2019 -- Despite a policy history of “not QSLing,” the BBC has in fact issued countless cards and letters that qualify as QSLs. Under “DX History/QSLs & Other Station Memorabilia,” we have posted Part I of a three-part series called “The BBC in QSLs.” This part covers BBC QSLing through World War II. Parts II and III will cover the years since the war, and the BBC relay stations, and will appear soon. -- Also this week, under “Specialized Resources/Wavescan,” Adrian Peterson offers “WWV 100th Anniversary: The Forgotten Callsigns-4” (Wavescan N561, November 24, 2019); and in “The DX Recordings of Colin Miller,” we have new recordings of Radio Madagascar and Radio Tanzania.

< [www.ontheshortwaves.com](http://www.ontheshortwaves.com)> Update, December 8, 2019 -- For east coast listeners, signals from the low-powered Mexican shortwave stations often suffered from interference of one kind or another, so you will have to listen carefully for the IDs [times in brackets] on some of the recordings that we have posted under “DX History/Recordings.” Of these, only Radio Educacion is still on the air. The stations are: (1) XEJN, R. Huayacocotla, Huayacocotla, 2390 kHz., 1979 [:19, :36, :45]; (2) XEOI, R. Mil, Mexico City, 6010 kHz., 1999 [:15]; (3) XEPPM, R. Educacion, Mexico City, 6185 kHz., 1979 [:34]; (4) XEQK, La Hora Exacta, Mexico City, 9555 kHz., 1989 [:15]; (5) XEQM, Sus Panteras, Merida, 6105 kHz., 1976 [:10]; (6) XEQQ, La Q Mexicana, Mexico City, 9680 kHz., 1987 [:01]; (7) XERH, Radiodifusoras Comerciales, Mexico City, c. 1960 [:36]; (8) XERMX, R. Mexico, Mexico City, 15430 kHz., 1981 [:03, 1:16, 1:58 English]; (9) XERTA, R. Transcontinental de America, Mexico City, 4800 kHz., 1997 [:25, :40, :57]; (10) XEUJ, Linares, 5982 kHz., 1984 [:04, :22]; (11) XEUW, R. Nucleo Oro, Veracruz, 6020 kHz., 1979 [:41]; (12) XEWW, Mexico City, 15160 kHz., 1976 [1:25, 1:34, 1:53]; and (13) XEXQ, R. Universidad, San Luis Potosi, 6045 kHz., 1983 [:08].

< [www.ontheshortwaves.com](http://www.ontheshortwaves.com)> Update, December 15, 2019 -- Under “Specialized Resources/The Early DX of David F. Thomas,” we have added some shortwave broadcast QSLs, and a few utilities and foreign mediumwavers. -- And Colin Miller has sent us a new recording, of the Voice of the Philippines, from 1969.

< [www.ontheshortwaves.com](http://www.ontheshortwaves.com)> Update, December 22, 2019 -- This time, under “Specialized Resources/Wavescan,” we have posted three new files, Wavescan Nos. N560, N562 and N564, which together present a three-part interview of Paul Hunter, who was chief engineer for High Adventure Ministries during the 1980s and 1990s. The main topic of these three audio files is the shortwave broadcasting station on Palau, which closed at the end of October. Other related SWBC transmitters are discussed as well in this interesting interview, which is conducted by Ray Robinson of KVOH. To supplement the interview, we have also posted a short writeup about Japan’s use of Palau for shortwave broadcasting during World War II. Look for it under “DX History/Stations.”