

	<h1>New Zealand DX Times</h1> <p>Monthly Journal of the New Zealand Radio DX League (est 1948) March 2020 Volume 72 No. 6</p> <p>http://www.radiodx.com</p> 	
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Welcome to the March edition of the DX Times.

A quarter of the year has nearly gone! I know time flies when you are having fun, but this is ridiculous. The drought continues up north, and boy, do we need some rain.

We start with health germs for **League Treasurer, Bryan Clark**. After a couple of days in hospital he is now home and planning where the EWEs are going to go. I even helped him size timber for the verticals! Also in Mangawhai, our house construction is finally underway and I too am thinking of EWEs!

In this edition there is a bumper mediumwave trail, which goes to prove that there is still life in those airwaves. I am particularly attracted by **Paul Ormandy** and **Sutton Burtenshaw's** reception of KINY in Juneau, AK on 800. It has spurred me into action!

Also of interest was a recent item on DX Dialog from **Life Member Ken Baird**. Anybody who thinks that the demise of shortwave is at hand needs to think again. He said: "I went on to SDR1 at 18:00 - 20:00 UTC this morning (26 Feb) on the 60M and 49M bands. Masses of signals and I got 14 clear loggings (ignoring China). Countries included were Bangladesh, Ethiopia, Kuwait, Bulgaria & Iran/Oman on top of each other".

Of course, as with the logging of KINY mentioned above, this was all done on the League's SDR.

Thanks must go to **Peter Mott** for maintaining these excellent receivers. He noted on DX Dialog recently: "I have upgraded the firmware on my router and it seems to be talking more reliably to the equipment in the Chorus cabinet up the road. Hopefully we are now entering a new period of stability".

Thank you Peter for your invaluable efforts on our behalf.



In honour of Ian Wells' recent QSL from this station.

Deadline for next issue is Wed 25th March 2020. P.O. Box 178, Mangawhai 0540

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

April **Wednesday, 25th March**
May **Wednesday, 29th April**
June **Wednesday, 27th May**

**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 for details.

An Important Milestone

THIS June will mark exactly 100 years since the world's first public broadcast took place - in Chelmsford, Essex the UK.

June 15, 1920, Australian opera star Dame Nellie Melba sung down a microphone at the Marconi works in New Street Chelmsford. Two arias in her famous trill.

By the time of her second broadcast a few days later, the great diva's warbles were being listened to across Britain, and as far away as New York. Italian physicist and radio pioneer Guglielmo Marconi was behind this feat.

It was in fact only 19 years prior he had succeeded in sending the first radio transmission across the Atlantic Ocean, disproving detractors who told him that the curvature of the earth would limit transmission to 200 miles or less. The message " simply the Morse-code signal for the letter "s" "travelled more than 2,000 miles from Poldhu in Cornwall, England, to Newfoundland, Canada.

The key role of Essex in the birth of broadcasting was entirely down to the Marconi company, where technology was produced that would give Britain the edge over the rest of the world.

The man forever associated with the birth of radio, Guglielmo Marconi was the son of an aristocratic Italian father and a Scottish mother. From an early age, he displayed dual skills as a practical inventor and a natural entrepreneur.

Thanks to Life Member Ray Crawford and WIA News for this item.

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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Acct. name: NZ Radio DX League

Acct. number: 12-3089-0286191-00

Make sure your name is included

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MUSINGS



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First up is **Mike Smith**. Hi Stu and members, Not much going on here, health has been a mix of QRN and QRM at times! But I did get away to Matarangi and managed to do a bit of listening. Used a 60cm loop and preamp the first couple of days with reasonable results, then hung up a EWE looking north which was even better. See Broadcast notes for trail. I had been chasing 970 to see if I could hear the Alaskan KFBX, often hear talk there on the SDR, but at Matarangi the Fox Sports station KHTY in California was dominant. Others I haven't heard in a long time were KLO 1430, KTWO 1030 and KMPH 840. Local QRN was still an issue among the holiday houses where we were – was dismayed to see (and hear) festoons of Xmas lights still operating nearby. Anyway, the latin season is hopefully not too far over the horizon, maybe another week or two will produce something. Look for Super Radio Boa Vontade on 940, they are usually the first to show up just before sunset. Cheers for another month, Mike *Of course as soon as he sent off the missive above, the Latins appeared. On 25 February he said: RBV 940 there now with PP talk. 3 days earlier than last year. [I smile with envy. Keep up the good work!]*

Life Member, John Durham, makes a welcome return to these pages. He says: "A good old fashioned qsl in this week delivered to the letterbox, from Asian B/casting Institute 7525kHz for 40th Anv special B/cast.via Uzbekistan.

I have had a Airspy HF+Discovery sitting in the draw for some weeks now and finally got around to hooking it up and using sdr console V3 software with it. Bit of a learning curve now after getting use to SDRUno with the SDRplay.

Its amazing how much radio has changed in a lifetime from the hulking big "boat anchor" receivers to something about the size of a pack of cards. *[Hi, John. Yes, you are right - I still can't work out how they can fit all those valves into such a small package! They are pretty effective though, and quite reasonably priced - all you need is a quiet location....]*

League Patron Sutton Burtenshaw, reports a verie! Another month with hopes for increasing DX opportunities and indeed the sdrs are increasingly being used. From my comments last month I now find in early evenings sdr1 spaces full and sdr2 with at least one user. Have tried KBBi again but to no avail so far. However I received a confirmation from CHRb 1140 via snail-mail both ways in 32 days. The signer, Kevin Wallace, Program Director, CHRb & CFxo. *[And an old fashioned QSL as well. Well done, they all count. Now to get KINY back....!]*



BANDWATCH



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Time keeps ticking – and now it's March and nearly the end of Summer. Good loggings keep coming in, but I'm sure many more of you are listening and keeping your catches secret. Remember that all contributions are welcome, and remember also to 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

3930	1633	SOUTH KOREA Voice of the People in KK fighting jammer 19/2 BC
4885	1730	SOUTH KOREA Echo of Hope fair in KK 7/2 KK
4940	1436	CHINA CRI good with "Selfie" in EE 1/2 BDW
4950	1740	INDIA AIR Srinigar poor/fair, local talk & music off 1848 well past schedule 2/2 BCM**
5900	1952	BULGARIA Bible Voice in Arabic (Tent), 7/2, KAB**
5910	1920	BULGARIA BBC WS (tent) poor in Farsi 5/2 JD
5925	0615	FRANCE RFI poor/fair in FF for Africa 1/1 JM also good 0632 3/2 KAB**
5939.6	0902	BRAZIL R Voz Misionaria fair in PP with music 6/2 JD
5950	0629	USA, WRMI Master TV poor with EE religion 3/2, KAB**
5950	1956	ETHIOPIA, V of Tigray Revolution poor/fair in Tigrayan 7/2, KAB**
5985	1705	CHINA CRI fair in Swahili // 7245 24/1 JM
5990	2000	ROMANIA, RRI poor in Romanian 7/2, KAB** also 1847 12/2 BC
6020	0626	SAO TOME, VOA poor/fair in French 3/2, KAB**
6030	1814	ETHIOPIA R Oromiya fair in local language 8/2 BC
6050	1948	TURKEY, VOT fair in poor EE 7/2, KAB**
6070	0622	BRAZIL, R Capital poor in Portuguese 3/2, KAB**
6070	1630	TURKEY VOT fair in Farsi 24/1 JM
6070	1815	CHINA CRI fair in RR // 7210 & 7255 19/1 JM
6070	1900	GERMANY R Northern Europe Int poor with music via Rohrbach 21/2 JD** GERMANY "The Ghoul" poor/fair in EE via Rohrbach 22/2 JD**
6090	0755	ANGUILLA University Network poor in EE // 5935 3/1 JM
6100	0925	NORTH KOREA KCBS fair past 1000 in KK 7/1 JM also 0618 3/2 KAB**
6105	0606	FRANCE, R Algerienne fair/good in Arabic with Koran 3/2, KAB**
6120	1620	GERMANY AWR fair in EE with religious talk 17/2 BC
6130	1415	CHINA CRI good with "Roundtable" in EE // 5955 & 6100 1/2 BDW
6130	2006	IRAN, VOIRI poor in French 7/2, KAB**
6135	0615	VATICAN BBC WS good in FF 8/2 BC
6150	1805	CHINA CRI fair in CC for Europe // 7245 24/1 JM
6165	0600	FRANCE NHK World Radio fair at s/on in AA 1/1 JM
6170	1650	NORTH KOREA KCBS fair in GG s/off 1657 24/1 JM
6185	1700	VATICAN Vatican Radio fair at s/on in Belorussian 24/1 JM
7140	1645	ERITREA V. of the Broad Masses fr with local mx & talk s/off 1847 1/1 JM

7230 1700 VATICAN Vatican Radio good with News in FF, EE from 1716 1/2 BDW
7230 1730 CHINA CNR-1 fair in CC until close 1805 3/1 JM
7245 1035 CHINA CNR-2 fair in CC // 7375 1/1 JM
7250 1445 IRAN VOIRI fair in Hindi until s/off 1520 13/1 JM
7255 0635 NIGERIA VON fair in Hausa 19/2 BC
7255 1745 CHINA CRI poor in EE 16/1 BDW
7260 0411 VANUATU R Vanuatu fair in EE 20/2, also 0628 23/2 in Bislama BCM**
also 22/2 JD
7260 1110 CHINA CRI fair in JJ 1/1 JM
7280 1940 FRANCE Alameda Bible Fellowship with religion in EE 22/2 BC
7280 2012 VIETNAM VOV fair in GG 11/2 BC
7290 2010 ROMANIA Radio City of the Cars fair with music 21/2 JD
7300 1720 CHINA CRI poor in AA 21/1 JM
7315 1305 CHINA CNR-2 good in CC // 6065,6090,6155,7245,7265,7375 13/1 JM
7325 0636 ENGLAND BBC WS good in EE until transmitter change 0700 to SAO
TOME fair in EE with news. Noted change from measured 7325.02 to
7325.05 16/2 BCM**
7325 1500 CHINA CRI fair with EE News 1/2 BDW
7340 0430 FRANCE Eye Radio good in EE 7/2 BC
7355 1405 IRAN VOIRI poor in Kurdish until off 1431 7/1 JM
7360 1430 CHINA CRI fair at s/on in Lao 24/1 JM
7360 1845 ALBANIA CRI relay fair in FF 16/1 JM
7365 1850 GERMANY Bible Voice Broadcasting fair in Farsi until EE ID at close 1900
16/1 JM
7410 0430 ROMANIA RRI fair in EE to Nth America 22/1 JM
7410 1330 CHINA CRI fair in JJ 13/1 JM
7435 1840 CHINA CRI poor in Italian // 7340 7/1 JM
7485 1615 SINGAPORE BBC WS poor with Sports talk in EE 7/2 BDW
7730 0430 USA The Overcomer fair with religion in EE
9545 2239 SOLOMON IS, SIBC good in EE with news 9/2, KAB**
9550 1220 CHINA CRI fair in Vietnamese 7/1 JM
9555 2137 SAUDI ARABIA, BSKSA1 fair/good in Arabic // 9870 9/2, KAB**
9610 1330 ROMANIA RRI poor at s/on in CC 24/1 JM
9635 0340 VIETNAM VOV poor in Vietnamese, also noted at 0930 7/1 JM
9660 1820 TURKEY VOT poor in EE with ID, off 1823 25/1 JM
9665 1335 CHINA CRI fair in RR 24/1 JM
9685 1340 CHINA CRI fair in Vietnamese 24/1 JM
9705 1740 VATICAN Vatican Radio fair in Tigrinya 11/2 BC
9730 1120 CHINA CRI fair in EE 18/1 JM
9735 1015 TAIWAN RTI fair in Cantonese until close 1030 // 15730 17/1 JM
9740 1125 TAIWAN Radio France Int relay poor in JJ 18/1 JM
9820 1350 CHINA CNR-2 poor in CC // 7315 24/1 JM
9865 1605 INDIA AIR Vividh Bharati Bengaluru fair in Hindi 8/2 BC
9910 1405 ARMENIA TWR India fair in Bhajpuri 24/1 JM
9950 1345 MOLDOVA TWR India good in Marwari 7/1 JM
9990 1245 KUWAIT R Farda poor in Farsi, close 1328, back on 1330 via Thailand 7/1
JM
11610 2242 GUAM, AWR good in Vietnamese 9/2, KAB**
11620 1910 INDIA AIR fair in EE via Bengaluru 4/1 JM

11685 1920 SPAIN REE fair with SS sports 25/1 JM
11720 0845 CHINA CNR-1 fair in CC 3/1 JM
11725 2008 NEW ZEALAND RNZI good in EE with sports news 8/2 BC
11750 1145 CHINA CRI fair in CC for the Pacific // 15440 7/1 JM
11760 2246 CUBA, R Havana fair in Spanish 9/2, KAB**
11795 1115 CHINA CRI poor in EE for Asia 7/1 JM
11810 1920 ASCENSION ISLAND BBC WS fair in EE 5/2 JD
11825 0921 USA WHRI good with EE religion 18/2 BC
11825 1330 ROMANIA RRI fair at s/on in CC 5/1 JM
11835 1935 SOLOMON ISLANDS SIBC fair in EE with Island songs 8/2 BC
11875 0745 CHINA CRI poor in CC // 11710 13/1 JM
11905 0800 CHINA CNR-6 fair in CC // 15710 13/1 JM
11930 1220 IRAN VOIRI poor in Dari until close 1250 13/1 JM
11930 1900 USA R Marti fair with full ID in SS 6/2 JD
11935 0825 CHINA CNR-5 fair in CC 13/1 JM
11940 1910 SPAIN REE fair in SS // 12030 very good 5/2 JD
11955 1556 AUSTRIA AWR fair in Punjabi via Moosbrunn 8/2 BC
11995 0150 SINGAPORE BBC WS poor in Bengali 5/1 JM
12010 0247 MARSHALL ISLANDS RFA fair in Tibetan via Tinian Island 22/2 BC
12020 1040 VIETNAM VOV poor in Indonesian // 9840 7/1 JM
12030 1155 PHILIPPINES VOA fair in Bengali until close 1200 7/1 JM
12105 1310 GUAM AWR Agat poor in Kachin 24/1 JM
12120 1205 PHILIPPINES FEBC fair in Rawang close 1215 7/1 JM
13570 0320 CHINA CRI poor in EE to Asia // 15120 5/1 JM
13590 0420 CHINA CRI fair in EE to East Asia 7/1 also noted 1030 23/1 // 13720 JM
13590 1914 SAO TOME VOA fair in EE, but faded quickly until gone 1927 4/2 BCM**
13685 1405 TURKEY VOT poor in Uighur 9/1 JM
13695 0810 FRANCE RFI fair in FF for Africa 17/1 JM
13720 0810 SAUDI ARABIA BSKSA poor in Somali 23/1 JM
13725 1435 FRANCE NHK World Radio relay fair in Persian 8/1 JM
13730 1050 MOLDOVA Denge Welat fair in Kurdish, off 1200 23/1 JM
13740 0900 THAILAND VOA relay fair at s/on in CC 23/1 JM
13760 0845 NORTH KOREA KCBS fair in RR // 15245 25/1 JM
13780 0200 CHINA CRI fair in Nepali 7/1 JM
13845 2032 USA, WWCR, Uni N/W excellent in EE with relig prgm 12/2, KAB**
15120 0645 CHINA CRI fair in CC 1/1 JM
15135 0845 CHINA CRI fair in Indonesian // 17735 23/1 JM
15145 0825 AUSTRIA AWR Voice of Hope fair in FF 17/1 JM
15160 0250 CHINA CRI poor in CC 3/1 JM
15185 0915 CHINA CRI poor in EE 22/1 JM
15195 0317 JAPAN NHK World Radio good in JJ 8/2 BC
15220 0710 CHINA CRI fair in FF 16/1 JM
15225 1120 CHINA CRI fair in Czech 23/1 JM
15255 1145 ROMANIA RRI fair in FF // 11780, 15430 7/1 JM
15270 0800 CHINA CNR-2 fair in CC 10/1 JM
15280 0750 JAPAN NHK World Radio fair in JJ 10/1 JM
15290 0845 FRANCE NHK World Radio fair in JJ 11/1 JM
15300 0740 FRANCE RFI fair in FF for Africa 16/1 JM
15330 1140 PHILIPPINES FEBC fair in Mori 7/1 JM
15335 0850 CHINA CRI poor in RR for Asia 9/1 JM

15380 0835 CHINA CNR-1 poor in CC 7/1 JM
 15480 0800 CHINA CNR-1 poor in CC 16/1 JM
 15610 0420 THAILAND VOA fair in Tibetan 26/1 JM
 15770 2105 USA Overcomer Ministry via WRMI poor in EE 4/1 JM
 16100 0335 TAIWAN Sound of Hope fair in Cantonese 10/2 BC
 17810 0311 JAPAN NHK World Radio good in JJ 15/1 BDW
 17815 2015 USA WHRI poor vin EE 25/1 JM
 17820 0317 PHILIPPINES, R Pilipinas good in EE on constitution 3/2, 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

BC	Brian Carr	Christchurch	AOR AR-5000, NRD 535, EWE and 30' longwire
BCM**	Bryan Clark	Mangawhai	** Using the League's Northland SDR
BDW	Brian Webb	Upper Hutt	DE-1103 & AR-1733 with whips
JD	John Durham	Tauranga	SDRPlay 2 with MLA-30 loop
JD**			Using the League's Northland SDR
JM	John Mainland	Wellington	Philips D-2999, 10m longwire North-South
KAB**	Ken Baird	Wainuiomata	** Using the League's Northland SDR

Contributions to this column may be sent to nzrdxlander9@gmail.com or direct to the editor, Ian Wells, at iwellsnz@gmail.com or via snail mail to 16 Fenty Place, Mosgiel 9024.

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Adrian Sainsbury has posted news of Vanuatu shortwave transmissions. Here are the details.

VBTC FREQUENCY PLAN

EFFECTIVE FROM 01 MARCH 2020

VILA Time	UTC Time	MARCH 2020
0530-1130	1830-0030	3945
1100-1800	0000-0700	5040
1800-2230	0700-1130	3945
2230-0530	1130-1830	2485
occasional use only		

ENGLISH IN TIME ORDER

Editor

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Time Order summary of Shortwave Bandwatch column. 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 column editor, thanks.

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

SIGNAL STRENGTHS e = Excellent; g = Good; f = Fair; p = Poor.

73 - Yuri, ZL1GYM

NEW ZEALAND CONTRIBUTIONS

Time (UTC)	Frequencies (kHz)	Station Name	Station Country	Log Date	DXer Name
0317	17820g	R Pilipinas	PHILIPPINES	3-Feb	KAB**
0320	13570p:15120	CRI	CHINA	5-Jan	JM
0411	7260f	R Vanuatu	VANUATU	20-Feb	JD
0420	13590f:13720	CRI	CHINA	7-Jan	JM
0430	7340g	Eye Radio	FRANCE	7-Feb	BC
0430	7410f	RRI	ROMANIA	22-Jan	JM
0430	7730f	The Overcomer	USA	-	EE
0629	5950p	WRMI	USA	3-Feb	KAB**
0636-0700	7325g	BBC WS	UK	16-Feb	BCM**
0755	5935:6090p	University Network	ANGUILLA	3-Jan	JM
0915	15185p	CRI	CHINA	22-Jan	JM
0921	11825g	WHRI	USA	18-Feb	BC
1030	13590f	CRI	CHINA	23-Jan	JM
1115	11795p	CRI	CHINA	7-Jan	JM
1120	9730f	CRI	CHINA	18-Jan	JM
1415	5955:6100:6130g	CRI	CHINA	1-Feb	BDW
1436	4940g	CRI	CHINA	1-Feb	BDW
1500	7325f	CRI	CHINA	1-Feb	BDW
1615	7485p	BBC WS	UK	7-Feb	BDW
1620	6120f	AWR	USA	17-Feb	BC
1716	6135g	Vatican Radio	VATICAN CITY	1-Feb	BDW
1745	7255p	CRI	CHINA	16-Jan	BDW
1820-1823	9660p	VOT	TURKEY	25-Jan	JM
1900	6070p	R Northern Europe Int	GERMANY	21-Feb	JD**
1910	11620f	AIR	INDIA	4-Jan	JM
1914-1927	13590f	VOA	USA	4-Feb	BCM**
1920	11810f	BBC WS	UK	5-Feb	JD
1935	11835f	SIBC	SOLOMON IS	8-Feb	BC
1940	7280	Alameda Bible F'ship	FRANCE	22-Feb	BC
1948	6050f	VOT	TURKEY	7-Feb	KAB**
2008	11725g	RNZI	NZ	8-Feb	BC

2015	17815p	WHRI	USA	25-Jan	JM
2032	13845e	WWCR	USA	12-Feb	KAB**
2105	15770p	Overcomer Ministry	USA	4-Jan	JM
2239	9545g	SIBC	SOLOMON IS	9-Feb	KAB**

SHORTWAVE REPORT

Editor

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Tauranga

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ARMENIA

Updated shortwave schedule of Iran International TV via CJSC Yerevan
0400-1200 11570 *ERV 100 kW 100 deg to NE/ME Farsi, not 11560 kHz in WRTH Update.

1200-0400 6270 *ERV 100 kW 100 deg to NE/ME Farsi is via Yerevan, not Tashkent-UZB*.
(Ivo Ivanov-BUL, direct and hcdx via wwdxc BC-DX Topnews Febr 7)

Re: Armenia (Iran International TV since Nov 19th) on shortwave? My D.F. trace:
in past 2 months checked many times both SW 6270 and 11570 kHz outlets via worldwide
KiwiNetServer direction finding procedure 'TDoA' traces show Dushanbe-TJK or Tashkent-
UZB as origin location, used few SDR rx's at Kuwait, Greece, Nishni-Novgorod, Pakistan,
Bangalore or Hanoi-VTN.

BUT CAME NEVER TO CONCLUSION of GAVAR CJSC Yerevan Armenia. -- sorry,
73 wb df5sx

The exact announced name of IITV is in mixed in English & Farsi and is "Media Azadi Iran
International TV" (where Azadi Free). (Rumen Pankov-BUL, via RUSdx #1069, Febr 23)

BULGARIA

End Times Coming Radio, 9400. Feb 5, 2020. 1918-1928, Sofia-Kostinbrod-BUL, in English.
Man Pastor makes a sermon. Poor reception. (Via HCDX Jose Xavier)

GERMANY

Deutscher Wetterdienst, Pinneberg, 5905 0605-0620, 14-02, German, weather report. //
6180. 45444.

HCJB Germany, Weenermoor, 1640-1704*,5920 11-02, German, religious comments and
songs. 13221.

(Via HCDX Manuel Méndez Lugo, Spain. 15 Feb)

Tony Alamo Christian Ministries via MBR Nauen on February 16 1600-1700 on 6120 NAU
125 kW / 128 deg to N/ME English Sun rlg px#769, very good signal(Via HCDX Ivo Observer
Feb15/16)

Voice of Oromo Liberation via MBR Nauen February 16 1700-1730 on 9610 NAU 100 kW / 144 deg to EaAf Afan Oromo Fri/Sun, good signal (Via HCDX Ivo Observer Feb 15/16)

KYRGYZSTAN

4820 kHz carries 2nd prgr, but only between 0000-1230 UT. Power is 15 kW. On MW all other KTRK transmitters except 612 kHz are reported to be off the air.
(Via Top News WWDXC 14 Feb)

MADAGASCAR

WCB KNLS The New Life Station via two transmitters
0800-0900 6075 NLS 100 kW 270 deg to SoEaAS English tx#2
0800-0900 7370 NLS 100 kW 285 deg to EaAS Chinese tx#1
0900-1000 6120 NLS 100 kW 300 deg to NOEAAS Russian tx#2
0900-1000 7370 NLS 100 kW 285 deg to EaAS Chinese tx#1
1000-1100 9605 NLS 100 kW 270 deg to SoEaAS English tx#2
1000-1100 9715 NLS 100 kW 285 deg to EaAS Chinese tx#1
1100-1200 6045 NLS 100 kW 300 deg to NOEAAS Russian tx#2
1100-1200 9665 NLS 100 kW 285 deg to EaAS Chinese tx#1
1200-1300 9635 NLS 100 kW 270 deg to SoEaAS English tx#2
1200-1300 9665 NLS 100 kW 270 deg to SoEaAS English tx#1
1300-1400 11670 NLS 100 kW 300 deg to NOEAAS Chinese tx#2
1300-1400 11785 NLS 100 kW 300 deg to NOEAAS Chinese tx#1
1400-1500 11670 NLS 100 kW 270 deg to SoEaAS English tx#2
1400-1500 11830 NLS 100 kW 300 deg to NOEAAS Chinese tx#1
1500-1600 11755 NLS 100 kW 300 deg to NOEAAS Russian tx#2
1500-1600 11830 NLS 100 kW 300 deg to NOEAAS Chinese tx#1

Info for WCB Madagascar World Voice African Pathways Radio in WTRH update
2000-2100 11955 MWV 100 kW 295 deg to CeAF English tx#3 is incorrect
2000-2100 11965 MWV 100 kW 295 deg to CeAF English tx#3 as scheduled
(Ivo Ivanov-BUL, direct and hcdx via wwdxc BC-DX Topnews Febr 7)

PHILIPPINES

Fair/good signal of FEBC Radio Teos, February 16:
1500-1530 on 9920 BOC 100 kW / 323 deg to CeAs Russian Daily &
1530-1600 on 9920 BOC 100 kW / 323 deg to CeAs Ukr/Rus Sunday.
Wrong time&freq.ann: 19-20 MST on 11650, not 18-19 MST on 9920.
(Via Ivo Observer Feb 15/16)

SAUDI ARABIA

BSKSA Radio Saudi International in 13mb, Febr 7
21670 0900-1200 RIY 500 kW 100 deg to SoEaAS Indonesian, fair (Ivo Ivanov-BUL, direct and hcdx via wwdxc BC-DX Topnews Febr 7)

13710.015 ARS MOCI Riyadh-ARS in AR, HQ prayer program at 1603 UT on Febr 7. S=6
poor signal in Edmonton, Alberta-CAN remote rx.

11914.987 ARS SBA via MOCI Riyadh in Arabic. S=6 fair signal at 19.56 UT.
11859.966 ARS Yemen Excile Radio via MOCI Riyadh in Arabic. S=8-9 signal at 20.00 UT
on Febr 7.
11820.045 ARS SBA Holy Quran program in Arabic via MOCI Riyadh at 20.05UT
S=8 signal, scheduled 18-23 UT ON Febr 7.
(Via wb df5sx, wwdxc BC-DX TopNews Febr 7)

USA

Reception of World's Last Chance Radio to Eu/Af on February 25
1000-1055 on 9330 BCQ 500 kW / 076 deg to SPAl Spanish, good signal
1600-1755 on 9330 BCQ 500 kW / 057 deg to U.K. English, good signal
1800-1855 on 9330 BCQ 500 kW / 054 deg to GERM German - good signal
1900-2155 on 9330 BCQ 500 kW / 070 deg to NWAf Arabic

USA Additional transmission of World's Last Chance Radio via WBCQ-6:
2200-2255 on 9330 BCQ 500 kW / 175 deg to BRAS Portuguese, additional 2200-2255 so
far this has been the only maintenance / silent hour. And now World's Last Chance Radio
WLCRadio via WBCQ-6 is 24 hrs on 9330kHz

2200-0055 on 9330 BCQ 500 kW / 175 deg to BRAS Portug.
0100-0255 on 9330 BCQ 250 kW / 245 deg to ENAm English
0300-0555 on 9330 BCQ 250 kW / 270 deg to CNAm English
0600-0855 on 9330 BCQ 250 kW / 280 deg to WNAf English
0900-0955 on 9330 BCQ 500 kW / 076 deg to PORT Portug.
1000-1055 on 9330 BCQ 500 kW / 076 deg to SPAl Spanish
1100-1255 on 9330 BCQ 500 kW / 180 deg to NSAm Spanish
1300-1355 on 9330 BCQ 250 kW / 220 deg to CeAm Spanish
1400-1555 on 9330 BCQ 250 kW / 300 deg to WCAN English
1600-1755 on 9330 BCQ 500 kW / 057 deg to U.K. English
1800-1855 on 9330 BCQ 500 kW / 054 deg to GERM German
1900-2155 on 9330 BCQ 500 kW / 070 deg to NWAf Arabic

A20 frequencies of World's Last Chance Radio via WBCQ-6
0900-0955 on 9330 BCQ 500 kW / 076 deg to PORT Portug.
1000-1255 on 9330 BCQ 500 kW / 180 deg to NSAm Spanish
1300-1355 on 9330 BCQ 250 kW / 220 deg to CeAm Spanish
1400-1455 on 13590 BCQ 250 kW / 300 deg to WCAN English
1500-1855 on 15105 BCQ 250 kW / 300 deg to WCAN English
1900-1955 on 12080 BCQ 500 kW / 076 deg to SPAl Spanish
2000-2055 on 9330 BCQ 500 kW / 057 deg to U.K. English
2100-2255 on 9330 BCQ 500 kW / 081 deg to NWAf Arabic
2300-2355 on 6195 BCQ 500 kW / 081 deg to NWAf Arabic
0000-0055 on 9330 BCQ 250 kW / 270 deg to CNAm English
0100-0255 on 6195 BCQ 500 kW / 175 deg to BRAS Portug.
0300-0355 on 6195 BCQ 500 kW / 054 deg to GERM German
0400-0900 TIME SLOT NO REGISTERED FREQUENCIES OF WBCQ-6

In the future will be added the following language sces Chinese at 355 deg to EaAs; French
at 075 deg to NoAf &

French at 061 deg to France; Korean at 347 deg to NEAs;

Hindi at 035 deg to SoAs; Indonesian at 005 deg to SEAs (Via HCDX Ivo Ivanov 25/Febr.)

SHORTWAVE NEWS

SWL Call Signs

In most European and Asian countries of the world, the Amateur Radio licensing body will issue SWL Call signs for SWL Listeners. However, in North America, parts of South America, Australia, and several other countries, the Amateur Radio licensing Body has no interest in issuing SWL call signs. In order to uniquely identify yourself, you will require a unique call sign.

If you live in a part of the world that the Amateur Radio licensing body does not issue call signs for SWL's, we here at SWARL can issue a unique call sign for you representing your country and SWL'ing interests, We maintain a database of all SWL call signs issued to ensure no duplication happens.

If you would like to receive your unique Call Sign, just drop an email to us and we will issue one to you. There is no cost for this service, The email address is Call.Signs@swarl.org Together with the call sign, you will receive the image of certificate which is suitable to printing out in a good quality. This certificate can be used for identification at such services as eQSL.cc and QRZ.ru

AUSTRALIA

Down Under Special Event Will Use Former Radio Australia Antennas

Over the March 14–15 weekend, members of the Shepparton and District Amateur Radio Club (SADARC) in Australia will be on the air as VI3RA (Radio Australia) connecting their transceivers to the curtain array and rhombic antennas at the former Radio Australia site in Shepparton. Radio Australia ceased transmitting from the site in 2017. VI3RA will operate on 40, 30, 20, 17 and 15 meters."Local amateurs will be given the unique opportunity to explore the use of high gain antennas whilst giving amateurs throughout the world a unique opportunity to contact a station using such high-gain antennas", said SADARC President Peter Rentsch, VK3FPSR. "This is a rare opportunity for amateur radio operators, who are only allowed a peak output power of 400 W in Australia when compared to 100 kW of Radio Australia transmitters to hopefully achieve some remarkable communication outcomes. We expect to get a gain of 15 dB on the lower frequencies and at least 20 dB on 21 MHz". The special event is being conducted in cooperation with BAI Communications (Broadcast Australia) BCL news Italy via HCDX)

DENMARK

Radio 208, plays a selection of progressive ,classic rock tracks from the period 1964-1984. The station has no announcers/DJs- but news on top of the hour (in Danish) is due to be introduced later.Radio 208 first went to air in January 2018 from Denmark as a web radio station,as from December 2019 also a medium wave 1440kHz in the larger Copenhagen area. Soon audible on 5800kHz across parts of Europe.

The station name originates from the wavelength of 208 metres which is the same as the frequency 1440kHz (Via radio 208 website)[Is this the follow up to WMR ? Editor] Station owner Stig says hopes to be on SW in a few weeks time !.

NORWAY

Radio Northern Star, Bergen. In accordance with an email received from the station, the daily hours of transmission are as Follows: 1611 kHz MW: 0520-2310 UTC 5895 kHz SW: 1400-2310 UTC Via HCDX Manuel Mendez Lugo Spain) [Believe SW power is only 30w Editor]

USA

Radio Marti, Many thanks to Edward R. Murrow Transmitting Station Chief Engineer, Macon Dail, who shares the following announcement regarding their Radio Marti broadcasts: We just powered up our 50 kW transmitter using DRM. We are on a frequency of 7345 kHz and will be on daily from 1700-0200 UTC. We would love hearing from anyone that is able to copy and decode our transmissions. The broadcast contain two audio programs. Post Readers: If you successfully receive and decode a Radio Marti DRM broadcast, please send your detailed listener report to: gstraub@usagm.gov This is certainly a unique opportunity to log a North American DRM broadcast! (This entry was posted in DRM, News, Shortwave Radio and tagged Digital Radio Mondiale, DRM, Macon Dail, Radio Marti on February 6, 2020 by Thomas. Via SWLing Post)

RADIO NORTHERN EUROPE INTERNATIONAL.

I would like to share something very exciting that I've been working on since May 2019: Radio Northern Europe International. RNEI will be the station for pop and dance music from Northern Europe on shortwave playing music from Norway, Sweden, Denmark, Iceland, Finland, the UK and Ireland! I aim to play music you haven't heard before and the first show features a very exciting experiment: Embedded MFSK64! This means, hidden in the final song, there will be the song list sent in MFSK64 in such a way it won't be off-putting for those of you not decoding!

My shows will mainly consist of lesser known music with a small amount of speaking and jingles. Without spoiling too much of the show I can hint that you'll hear some Swedish, Norwegian, Finnish, English and Icelandic language music if you tune in! The first pilot show will go out on 6070 kHz Channel292 from Germany (decent reception all over Europe) at the following times: February Saturdays 19:00-19:30 UTC (Starting Saturday 15th) I'm also in talks with shortwaveradio.de so there is a possibility of using 3975KHz & 6160KHz as well (increased reception in the Benelux/UK/Ireland regions!) After the broadcast, shows will be published on Mixcloud and my reception on YouTube in case you've missed the show! I will respond to all reception reports sent in and, if I get enough, I'll try and get postcards made to send out (I've designed one I want to get printed!) I would like to take this space to thank RPC Audio (Jono) for the cheap jingles and Daz from HFZone for helping me with making my mic sound good! I really hope you all get a chance to listen in and that you get decent reception! until next time, spread the love.

(This entry was posted in News, Schedules and Frequencies, Shortwave Radio and tagged Radio Northern Europe, Radio Northern Europe International, RNEI, Roseanna, shortwave, TGWTR, What's On Shortwave on February 14, 2020 by Thomas.) [Heard in Tauranga on 22Feb 1900 6070kHz Poor to Fair level on League SDR. Signal was buried under noise floor at home here in Tauranga. Editor]

RADIO CANADA INTERNATIONAL 75TH ANIVERSARY

Today is an auspicious day for RCI. It was February 25, 1945 that the CBC International Service began shortwave broadcasting to Europe. It was designed at the time to provide accurate news to occupied areas in English French and German, and to provide news from home for the huge contingent of Canadian military personnel serving and fighting in the Second World War.

Since then the "IS" has gone through a variety of changes, including the name which was changed to Radio Canada International in 1970. Other changes include the drastic cuts of 2012 which saw some 80 per cent of staff cut and the cessation of shortwave to become its current online operation.

Throughout it all RCI continues to inform on Canadian issues including political, scientific, cultural and societal and provide Canadian viewpoints and positions on world affairs.

It has been through several moves, from its first location in a former brothel, to the converted Ford Hotel a few years later, to rented office tower space, to the main headquarters of the French service, Radio-Canada. It has also gone through a number of language-service changes, from 14 languages during the cold war broadcasting to formerly free countries then under the control of Moscow, to its current five languages, Mandarin, Spanish, Arabic, English and French.



RCI offices today in the lower level of the French language headquarters of Radio-Canada in Montreal (Leo Gimeno-RCI) (Via Marc Montgomery. english@rcinet.ca)



BROADCAST NEWS

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ANOTHER KIWI AM CLOSURE, MORE AUSSIE X-BANDERS COMING!

NEW ZEALAND Radio Sport Kapiti **1377** has closed down. The transmission site at Pukenamū Road in Te Horo has been lost, due to what is described as maintenance issues. It is believed that the landowner where the transmitter is located wanted it gone. (NZRDXL Facebook page) Paraphrasing a Radio Sport tweet from earlier in the month <https://twitter.com/radiosportnz/status/1225180712044654593> - apparently “the broadcast site has closed down. There are plans to increase power on 1062 AM [*Whanganui – Ed*] in the coming months”. One listener’s tweet “You know we don’t get the Wellington 1503 frequency clearly, right?” is an understatement. The 1503 AM is poor in Waikanae and north and in the car beyond Paraparaumu. (David Kaio via DX Dialog)

AUSTRALIA Wollongong **1575**, formerly occupied by Rete Italia, has returned to air with test tape first noted by Todd Emslie on 22 February. Manuo Ritola noted an announcement for Crocmedia, and Todd advises this company has been registered with sports licenses for the following AM frequencies, plus a whole lot more in the Extended AM Band (see below): 657 Perth (Landsdale), 801 Central Coast (Chitaway Point), 1053 Brisbane (Tingalpa) and 1575 Wollongong (Windang). (Todd Emslie ICDX-AM IO Group)

BRAZIL On 10 February, Rádio Globo, São Paulo SP, switched off their medium wave frequency **1100 kHz** (150/50 kW). The move had already been announced in 2018 and was then carried out for the medium wave frequency **1220 kHz** in Rio de Janeiro. The FM frequencies São Paulo 94.1 MHz and Rio de Janeiro 98.1 MHz remain, as well as eight affiliated medium wave and FM transmitters and different digital distribution platforms (including <https://radioglobo.globo.com> with streams). The Sistema Globo de Rádio includes the radio brands Rádio Globo (“Music channel for today’s Brazilian youth, with the best and most sought-after hits”), CBN (News) and BHFm (music channel in Belo Horizonte, the capital of Minas Gerais). (Rudolf Grimm, additional information by Dr. Hansjoerg Biener 12Feb20 via Glenn Hauser’s WOR IO Group) [*Makes Brazil that much harder for us to hear in NZ! BC*]



CANADA Installation is about to begin on the new CKSP AM **600** Vancouver transmitter site. There were a number of delays, including getting permits. CKSP is co-siting with CKNW AM 980 at that station’s Cloverdale transmitter site. While this work is taking place, CKNW will at times be on reduced power. Engineers hope that AM 600 will be testing on reduced power early in April with full power sometime this summer. (Eric Floden via Glenn Hauser’s WOR IO Group)

COLOMBIA

- 940.27 HJGB Radio Calima, Cali NOV 5 0102 – South American music on reported offset.
[Also reported on 940.05 so must be wandering! BC]
- 1130.58 HJAC Emisora Riomar, Barranquilla NOV 8 0100 – Drifted down slightly from 1130.59 over course of listening. Popular Latin American music, including some sounding Andean. ID 0059 “Emisora Riomar” and carrier off at 0207.
- 1309.67 HJAK La Voz de la Patria Celestial, Barranquilla NOV 10 0115 – Man talking in SS, music on/near reported offset.
- (All heard on the 2019 Long Beach Island DXPedition via Russ Edmunds NRC)

JAPAN There is a possibility that several radio stations will begin to withdraw MW services from 2023. MW stations started FM simulcasts and today all stations have FM frequencies. It (has) triggered withdrawal of MW service because many of radio stations are suffering (from) financial deficit to renew MW transmission facilities.

As of December 2019, NHK stations expressed (the intention) to continue MW services (in their role) as national flag station. Some stations recognize the importance of MW service in a disaster (situation). We cannot trust the future of our MW stations, so it (could) be the last chance to listen to MW stations for 4 years towards 2023. (Hitoshi Sugio, Japan via Radiomaailma 1/ 20 via Glenn Hauser’s WOR IO Group)

PALAU The UN Development Program has put out an extremely detailed notice calling for bids to replace the 1584 kHz T8AA transmitter on Palau which has been off the air since 2012, leaving the official station on FM 87.9 only with inadequate coverage. See pages 21 to 64: https://procurement-notice.undp.org/view_file.cfm?doc_id=203734

The Government Radio started in AM broadcasting when they took over US army radio WSZB in the 1970 era. After the independence of Palau, T8AA started broadcasting on 1584KHz with a 5kW transmitter which covered the whole nation. The transmitter site is about 5 Km south of Koror centre at Malakal. There are a number of FM stations broadcasting locally in the Koror area but the T8AA Government AM radio was the only nationwide broadcast service in Palau. The AM radio tower at Malakal collapsed during typhoon Bopha late 2012 and was not replaced because of budget constraints. Many listeners live in northern state of Kayangel, the southern state of Hatohobei and the SW Islands cannot receive any radio broadcast service at present. They are suffering from lack of real time information during Typhoon, Earthquake, Tsunami and other emergencies, caused by the AM station being off air.

The overview of work required includes providing, installing and commissioning a new 150-foot-high AM Broadcast antenna and a new 5kw AM transmitter. (Ben Dawson, WA via Glenn Hauser’s WOR IO Group)

PHILIPPINES The Philippine government moved on 10 February to end the franchise of the country’s leading broadcast network ABS-CBN, the latest push by the administration of President Rodrigo Duterte against media outlets that have been critical of his leadership. The Philippine solicitor general, Jose Calida, lodged a complaint with the country’s highest court, accusing ABS-CBN Corp. and its subsidiary, ABS-CBN Convergence, of violating the operating franchise it was granted by Congress, which is set to expire in March. Mr. Calida said the government will prove that ABS-CBN has been broadcasting for a fee, “which is beyond the scope of its legislative franchise.” He also accused the company of hiding behind what he said was an “elaborately crafted corporate veil” by allowing foreign investors to take part in its ownership. He stressed that ABS-CBN “abused the privilege granted by the state” when it introduced a pay-per-view channel without approval by the government’s

telecommunications commission. (Jason Gutierrez, New York Times via Mike Cooper via Glenn Hauser's WOR IO Group)

PUERTO RICO

1300 WTIL Mayagüez applies to extend STA, U1 1000/1000 from CP site. (NRC)

TURKS & CAICOS According to direct information from the station received this week. Radio Vision Cristiana is rebuilding its MW station in South Caicos. RVC was broadcasting on **530** kHz from South Caicos until its high-power station was knocked out by Hurricane Frances in 2004. Following this, low power transmissions were conducted on 530 for a short period. The planned new on-air date is not yet known.

(Stig Hartvig Nielsen 11 Jan on WRTH Facebook via BDXC)

UNITED ARAB EMIRATES Radio Asia from Ras al Khaimah ended AM broadcasting on **1476** (100kw) on 9 February and changed to 94.7 FM. (KP Muneer UADX via WRTH Facebook page)

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

- 560 WQAM Miami FL applies for CP for U1 4.1kw/1kw from auxiliary site at 25-50-22/80-11-23; has broken off negotiations to renew lease on licensed site.
- 610 WIOD Miami FL granted STA extension, U4 10kw day & night, Cuban QRM.
- 620 WDAE Saint Petersburg FL granted STA extension, U4 11.2/11kw, due Cuban QRM.
- 630 KFXD Boise ID adds // K288HG-105.5. (FCC)
- 630 KWRO Coquille OR – Slogan to News Talk.
- 640 WMEN Royal Palm Beach FL seeks to extend STA, U4 25/4.5kw, Cuba QRM.
- 790 KJRB Spokane WA applies to extend STA, night parameters at variance (using U4 5000/2000).
- 790 WAXY South Miami FL applies to extend STA, U4 25kw day & night, due Cuban QRM.
- 790 KJRB Spokane WA granted STA extension, night parameters at variance (using U4 5000/2000).
- 790 WAXY South Miami FL granted STA extension, U4 25kw/25kw, Cuba QRM.
- 880 KRVN Lexington NE granted STA, U1 50kw/5kw, pattern switch equipment damaged.
- 900 KALI West Covina CA granted STA, U1 1250/37 during repairs to towers.
- 920 KXLY Spokane WA – Slogan to "920 News Now." (Dennis Vroom)
- 940 WINZ Miami FL – Granted STA extension, U2 50000/25000, Cuba QRM.
- 960 KKNT Phoenix AZ – Networks to THN/WW1. (Wayne Heinen)
- 1010 KXEN Saint Louis MO granted STA, U1 350/125 at current night-only STA site 38-38- 09/90-11-45; has lost daytime transmitter site.
- 1020 KCKN Roswell NM – Applies to extend STA, U4 1000/1000.
- 1110 KFAB Omaha NE Networks to Fox/A/Ne/Ru/P/C2C. (Wayne Heinen)
- 1110 KRPA Oak Harbor WA granted CP for U4 9000/2500, adjust coordinates to 48-16-55/122-42-25.
- 1150 KCKY Coolidge AZ format to SS:Ranchera (ex-SS:REL).
- 1150 KKNW Seattle WA applies to extend STA, parameters at variance, construction near site.
- 1150 KHRO El Paso TX new format is Oldies (ex-Religion); slogan "1150 Oldies Radio, The Fox AM." (John Wilkins CO)

- 1150 KKNW Seattle WA granted STA extension, parameters at variance, rail construction.
- 1180 KERN Wasco-Greenacres CA applies to extend STA, U3 10/10kw, night pattern 24 hours.
- 1210 KEVT Sahuarita AZ went silent Jan. 11, lost programming source under expired LMA.
- 1230 KLXR Redding CA silent since Dec. 26 (2018), back on the air Dec. 20.
- 1230 KZTQ Reno NV new format is Adult Contemporary; slogan now "Bob 96.1".
- 1240 KLOA Ridgecrest CA applies to extend STA, reduced power (U1 205/205).
- 1250 KBTC Houston MO format to SPT/TLK (ex-SPT).
- 1260 KSUR Beverly Hills CA – Slogan to "K Surf," "L.A. Super Hits."
- 1270 KBZZ Sparks NV format change from Adult Contemporary to Sport; slogan to "92.5 The Game." Also "The Game, The Player's Edge." (Håkan Sundman)
- 1270 KAJO Grants Pass OR – Slogan to "K-Joe Radio." [10kw days. Ed]
- 1280 KFRN Long Beach CA – Granted STA extension, parameters at variance.
- 1280 KXEG Phoenix AZ – Silent Feb. 4 (2019); on the air with STA Jan. 29.
- 1290 KAZA Gilroy CA granted CP U1 1500/19 from STA site 36-57-49/121-29-22.
- 1310 KZXR Prosser WA – Group now La Pantera. (Håkan Sundman)
- 1330 KKPZ Portland OR applies to extend STA, parameters at variance.
- 1340 KCLU Santa Barbara CA granted CP for U1 740/700, reduce tower height and adjust coordinates to 34-25-08/119-41-10.
- 1360 KOHU Hermiston OR applies to extend STA, U3 500/500, night pattern 24 hours.
- 1360 WHNR Cypress Gardens FL granted STA extension, U1 1250/625.
- 1370 KAST Astoria OR went silent Jan. 4; due storm damage.
- 1380 KRKO Everett WA applies for CP to modify night pattern.
- 1400 WWNZ Clarksville TN has had call change to WVWF (Jan. 20).
- 1400 KNNR Sparks NV now part of 'Where Nevada Comes To Talk' group.
- 1410 KMYC Marysville CA granted STA extension, U1 1250/250.
- 1420 KRIZ Renton WA applies to extend STA, U1 250/125 from KYIZ-1620 tower.
- 1440 WPRD Winter Park FL granted STA extension, U1 5000/250.
- 1450 KHIT Reno NV granted STA extension, reduced power.
- 1450 KQTE Helendale CA – Adds // K268DU-101.5. (FCC)
- 1450 WCEV Cicero IL went silent Jan. 20; due financial difficulties.
- 1460 KARR Kirkland WA granted STA extension, U1 250/250, 31m LW at 47-34-44/122-10-10.
- 1480 KPHX Phoenix AZ format to SS:Ranchera, slogan now Radio Casa.
- 1510 KSFN Piedmont CA went silent Sept. 30, back on the air Jan. 10. Format now SS:SPT (ex-Chinese); slogan to "Unanimo Desportes San Francisco."
- 1510 KGA Spokane WA granted STA extension, U4 14000/15000, night pattern used 24hrs.
- 1520 KFZX Lafayette LA – Slogan & Grp= El Sabor Radio.
- 1530 WCKY Cincinnati OH granted STA, U1 50000/12500, transmission line to one of the night towers has failed.
- 1540 KZMP University Park TX granted STA, U1 8000/188 during repairs.
- 1540 KASA Phoenix AZ format TX to SS:Ranchera (ex-SS:REL).
- 1550 WRHC Coral Gables FL has STA extension, U1 1800/125 watts.(Doral FL).
- 1550 KKOY Vancouver WA granted STA extension, reduced power (using U2 8000/8000).
- 1560 KZIZ Pacific WA granted CP for U1 3000/430, new site (former KMIA-1210 night site) at 47-18-00/122-11-17.
- 1560 KKAA Aberdeen SD returns w/C&W format, slogan 'Pure Country 107-1/99-9'.
- 1580 WTCL Chattahoochee FL silent Dec. 31; end of time brokerage agreement.

- 1590 WAKR Akron OH – Format to AC/EZL (ex-NWS/TLK/OLD); slogan to “Soft Hits 93.5,” drops networks.
- 1590 KLIV San Jose CA granted STA, U1 500/500, temporary tower at 37-21-12/121-52-52. Silent since 28 January 2019, on air 26 January 2020.
- 1600 KAHZ Pomona CA granted STA, U1 1250/1250 during repairs to towers.

KRVN Lexington, Nebraska on **880** will be operating with 5000 Watts non-directional at night for a while instead of the 50kW 4 tower directional. Work was being done on the KRVN towers, diplexing KUVR 1380 into one of the towers and hanging a translator antenna when some mis-wiring of electrical work occurred after tower work was done which caused damage to the equipment that facilitates the switch between non-directional days and directional nights. (Paul Walker via Harold Frodge via NRC-AM Mail List via Glenn Hauser’s WOR IO Group)

COAST-TO-COAST AM PROGRAMME CLOCK

A clock of the Coast-to-Coast programme is available on the Premiere Networks engineering web page - the local segments are when local IDs can be heard.

See: <http://engineering.premiereradio.com/files/pages/showclocks.html>

You can download lots of detailed programme clocks from this website including Fox Sports Radio, The Herd and Dan Patrick. (Medium Wave Circle via Glenn Hauser’s WOR IO Group)

NORTH AMERICAN MW RADIO STATION ANTENNA PATTERNS

Anyone interested in listening to obscure signals from North America will be aware that many (most?) use sophisticated antennas to radiate their signals as effectively as possible in selected directions whilst minimising unwanted signal in directions where interference might be caused. For some years now William Scott has been producing his online resource US-Canada Pattern Reference. This synthesises radiation patterns for daytime/night-time and critical hours using transmitter/antenna parameters published by the FCC and Industry Canada. There is a fully scalable map for each MW channel showing “all” stations overlaid on Google maps. Bill has updated his online file for the 2020 Edition. Check it out here: <https://radio-timetraveller.blogspot.com/> but it is a big 52MByte file. Bill, congratulations on a comprehensive piece of work- Steve Whitt, Editor Medium Wave Circle via Glenn Hauser’s WOR IO Group)

X BAND UPDATE

ARGENTINA This is the panorama of stations operating in the extended AM band in the Buenos Aires area, updated to the month of January 2020:

- 1610, Radio Luz del Mundo, Rafael Calzada
- 1620, Radio Sentires, Parque San Martín [*]
- 1620, Radio Italia, Villa Martelli [++]
- 1630, Radio Unidad, Alejandro Korn [*]
- 1640, Radio Hosanna, Isidro Casanova
- 1650, Radio Las Estrellas, Longchamps [*]
- 1650, Radio El Mensajero, Rafael Castillo [*]
- 1660, Radio Revivir, Gregorio De Laferrere [++]
- 1680, Radio Bethel, Banfield (Oeste) [*] [++]
- 1710, AM Selva, Ituzaingó [++]

[*] inactive reported station; [++] has been heard in NZ. (Argentina en AM y FM FB page)

AUSTRALIA 4KZ told me that they have sold their 1620 transmitter site to UCB Australia. (Laurie Levanto, DXing.info Facebook page)

Crocmedia have registered the following X-Band channels for Sports:

1611 Alice Springs, Esperance WA, Darwin (Ludmilla), Dubbo (Troy), Kalgoorlie, Sydney (Bagerys Creek) and Townsville (Garbutt).

1620 Adelaide (Lonsdale) and Gold Coast (Burlleigh Waters).

1629 Adelaide (Regency Park) - on air, Albany WA (Collingwood Heights), Grafton (South Grafton), Hobart (Sandford) and Mount Gambier (Compton) - on air.

(Todd Emslie ICDX-AM IO Group)

MEXICO On February 3, XEPE 1700 became an affiliate of Heraldo Radio network, flagship ID as "98.5 XHDL el Heraldo Radio," news/talk and overnight music. (MWDX-The National Radio Club Facebook group)

USA - NEW AMERICAN X-BANDER IN PROSPECT:

I have discovered KOHI St Helens Oregon on 1610!! They're licensed for 1600 with 1000 watts days and 12 watts nights. kW nights. The station has been a silent "STA" to build a new tower at a new site. I started to wonder how they could be so far off frequency, but they announced they are testing on 1610 'pending FCC approval' Sounds like they're running 1 kW. Currently airing a local HS basketball play-by-play. I verified ID & also //via Streema. (Mike VE7SKA in British Columbia via Glenn Hauser's WOR IO Group) Also report by Walt Salmani in BC who heard them on 1610 with a full identification for 1600 AM at 0558 UTC on 13 February and says they are reported to be running either 700 watts or 1 kW, and not the 12 watts licensed. (via Glenn Hauser's WOR IO Group)

US VIRGIN ISLANDS WDHP Frederiksted on **1620** has change of format from Variety & Talk to Religion, Talk and Local Music. Has dropped networks. (Bruce Conti NRC)



MAILBAG

IAN WELLS Mosgiel contributes some recent loggings using the Northland SDR for our monster trail this month. He also reports an email verification for KFIG 940 from Christopher Gabriel, Assistant Program Director.

BILL MARSH in Blenheim has been very active at the dial: "New loggings for me this month so far, all on the DX League SDR's: KSFO 560 possibly with KLZ, KCIK 740, KFMB 760, WBBM 780, CKLW 800, KNGW 820, KTRB 860, WWL & KRLA on 870, KKMC 880, WLS 890, CHR8 1140, KLOK & KJNP mixed on 1170, CJRJ 1200, KUBR 1210, XEP 1300 KRPI 1550 and KURI 1600. Note that some of these have been verified in the 60's but decided to start afresh. A good number of other regulars observed but not noted." *[Some goodies there Bill – it's been a good DX month for a lot of us – reminiscent of the good old days! BC]*

TONY KING Greytown reports difficult conditions early February but improving later in the month. Listening after 0830 UTC he was able to add a few new catches to his station log.

SUTTON BURTONSHAW Hamilton is another member benefitting from our League SDRs for his DX fix, with some contributions for the Trail. *[Thanks, Sutts, think your 1600 will be KVRI as KAHZ is now Chinese format. See the Trail. BC]*

MIKE SMITH Opunake writes that he got away for some DX at Matarangi as planned with a loop/amp and some wire and the Trail shows the results. "No reports or QSLs to note...but expecting the Latins to show up any time, I hope. The season is changing, the first signals from USA started showing up at Matarangi just before 0600UTC. The Book-a-Bach was 100 metres from the high tide mark but there was still a lot of noise after dark from adjacent houses where people still had their Christmas lights up". Mike's prediction was right on the money as on 25 February he wrote "Had a listen on the League SDR tonight and managed to snare a good logging of KSUR on 1260. Also, the Latins are here, 3 days earlier than last year." *[Thanks for the Latin update Mike – this will spur me on to get a Latin EWE up! BC]*

BARRY HARTLEY, Auckland says "I have a few loggings due to not being able to sleep because of the hot weather lately. So I listened to the League's SDR!"

Our esteemed Editor **STUART FORSYTH of Mangawhai/Titirangi** writes: "Don't fall over - I have done a little listening! I was pleasantly surprised by the quality of what was audible on the League's SDR - not a surprise there though. I have actually logged KVRI on 1600 - very clear with Indian music. The only station I already have on 1600 from the USA is KATZ and that was logged at the 1979 AGM in Oamaru! We are about to enter the busy season at work so goodness knows when I will get the opportunity to listen again. I could have spent hours listening to the yanks - wonderful."

BRYAN CLARK Mangawhai has kept his DX ears in practice with a few items in the Trail thanks to the SDRs in Russell, an intriguing UNID on 880 amongst them. Was able to record the DX test organised on KKOH 780 on 16 February - Daniel Appellof, the engineer at KKOH says mine is the farthest report he's seen so far. As this month's trail shows, the SDRs that Peter Mott operates for the League in the Bay of Islands have been a boon for a lot of our more experienced DXers – have you had a listen lately?

MONSTER BROADCAST TRAIL - Alaska to Argentina, Korea to Fiji

IDW** Ian Wells, Mosgiel DXing on the League SDRs at Russell, Bay of Islands

TK Tony King, Greytown with Tecsun PL380 ultralight receiver and flock of EWEs

SB** Sutton Burtenshaw DXing on the League SDRs at Russell, Bay of Islands

MS Mike Smith at home in Opunake with Panasonic DR31, 680x and SSE EWE

MS** Mike Smith DXing on the League SDRs at Russell, Bay of Islands

MSM Mike Smith holidaying at Matarangi (Coromandel Peninsula) with Panasonic DR31, Tecsun PL660, 60 cm Loop and North EWE.

SMF** Stu Forsyth DXing on the League SDRs at Russell, Bay of Islands

BH** Barry Hartley DXing on the League SDRs at Russell, Bay of Islands

BCM** Bryan Clark DXing on the League SDRs at Russell, Bay of Islands

Freq. UTC Country and Details

567 1226 JAPAN JOIK Sapporo NHK1 m speech in JJ. Over NZ at times 31/1. BH**

580 0834 USA KMJ Fresno CA w/ID and advertising 22/2. TK

558 0835 FIJI Radio Fiji 1 with Fijian vocals and YL ann. Radio Sport, Invercargill in the background 22/2. TK

670 0750 USA KBOI Boise ID (tent) weak with Red Eye Radio 18/2 IDW**

670 0728 USA KBOI Boise ID good with local ads 25/2. MS**

670 0658 USA KLTT Denver CO an unexpected surprise, noted weak with good IDs at 0700, religious talk & advts. Gone by 0720 as WSCR dominated 19/2 IDW**

670 0720 USA WSCR Chicago weak with sports, IDs at 0730 19/2 IDW**

680	0645	USA KNBR San Francisco fair with CBS Sports and IDs 20/2 IDW**
675	1800	JAPAN NHK1, time pips & NHK News 2 NHK stations listed here,f/g 6/1. BH**
747	1215	JAPAN JOIB Sapporo NHK2 in EE/JJ fading up and down o/ZB Rotorua. 31/1 BH**
780	0749	USA KKOH Reno NV up w/solid signal w/ promo for 'Redeye Extra Mile podcast for all things trucking' and 'Newstalk 7-80 KOH is proud to be Reno's home for...' Then, from 0804 carried CW, sirens and electronic noises during short DX test before a shutdown for maintenance, poor-fair w/ co-channel WBBM and presumed KNOM on jazz. 16/2. BCM**
780	0826	USA WBBM Chicago IL in clear during scheduled KKOH outage 16/2. "WBBM News", rolling news format, weather, advts, fair. BCM**
780	0850	USA KKOH Reno NV Advert for American Trucker Magazine, Ident for KKOH.com 22/3. TK
790	0858	USA KABC Los Angeles presumed w/advts, PSAs but heavy QRM from 792 17/2. BCM**
800	0810	KINY Juneau audio snatches only mixed with another, possibly CKLW. SB**
819	1850	NORTH KOREA KCBS Korean music, lady announcer fair-good over RNZ 6/2 // 2850 shortwave. BH**
840	0730	USA KMPH Modesto advts & Relevant Radio promo fair on EWE18/2. MSM
850	0738	URUGUAY Radio Carve Montevideo fair with SS talk 25/2. MS
850	0725	USA KICY Nome very good with usual relig content 15/2 on loop. MSM
870	0740	ARGENTINA LRA Buenos Aires with SS ballad 25/2. MS
880	0855	USA UNID with apparent sports talk format 18/2. Chatter across the hour, adverts, reference to sports.com several times. Per news above, usually dominant KRVN is on reduced power at present. BCM**
890	0825	USA KDXU St George UT with local adverts. SB**
890	0815	ALASKA KBBI Homer has surreal mx at times and often does not identify top of the hour! SB**
920	0740	UNID LATIN SS music on SSE ewe, maybe Paraguay 25/2. MS
940	0713	USA KFIG Fresno strong with ESPN, ID as "9-40 ESPN" o/KKNE 17/2 IDW**
940	0729	HAWAII KKNE (tent) fading up under KFIG with island music 17/2 IDW**
940	0735	BRASIL Radio Boa Vontade, good with usual PP sermon 25/2. MS
945	1740	CHINA CNR1 male speech and film music good 6/2 BH**
950	0740	USA KJR Seattle WA fair but mixed w/mx- couldn't work out who. 21/2 SMF*
960	0720	CANADA CFAC Calgary vg w "Calgary Sportsnet 960" on EWE 17/2. MSM
970	0800	USA KHXY Bakersfield CA w/Fox Sports Radio, Ben Maller Show mx, fair n EWE 18/2. MSM
1010	0738	CANADA CBR Calgary AB excellent signal 15/2 on loop.MSM
1030	0745	USA KTOW Casper WY fair/mx Coast to Coast AM 18/2 on EWE. MSM
1050	0742	URUGUAY CX26 Radio Uruguay fair with SS talk 25/2. MS
1089	1230	CHINA CNR6 Fujian. Comedy with a live audience 31/1 very good BH**
1090	0833	USA KFNQ Seattle "After Hours with Amy Lawrence" sports vg 18/2. MSM
1130	0736	USA UNID - music sounded Indian, but later not so- could have been mixed. 21/2 SMF**
1134	1235	SOUTH KOREA HLKC m & f speech and laughter. Mixed with others here 31/1 BH**
1140	0725	CANADA CHR6 High River AB good w/Christian music on loop 15/2. MSM
1170	0720	USA KLOK San Jose CA good, female talk in eastern language 25/2 MS**
1200	0728	CANADA CJRJ Vancouver BC Hindi mx good mixed WOAI talk, 15/2. MSM

- 1210 0834 HAWAII KZOO Honolulu fair w/ JJ pops over unid talk 17/2 on loop. MSM
1220 0728 MEXICO XEB Mexico DF poor with classical SS ballads 15/2 on loop. MSM
1260 0717 USA KSUR Beverley Hills CA with oldies and local ads. 25/2. MS**
1310 0746 USA KMKY Oakland CA presumed poor sig on loop with Indian 15/02. MSM
1310 0732 USA KMKY Oakland CA fair/ good with southern Asian music. Checked website and was the same. 21/2 SMF**
1380 0835 USA KTKZ Sacramento CA w/multiple idents then into talk show w/frequent commercials, fair on peaks despite 1386 slop. 24/2. BCM**
1390 0840 USA UNID w/SS religion hrd 23/2 poor but steady, maybe KLTX. BCM**
1410 0727 CANADA CFTE Vancouver BC fair at best. 21/2 SMF**
1410 0804 CANADA CFTE Vancouver BC powerhouse signal w/promos and "This is BNN Bloomberg Radio 14-10" then Coast to Coast AM w/host Lisa Garr discussing electromagnetic effects on health 23/2. BCM**
1420 0725 HAWAII KKEA Honolulu fair/ good mixed with music stn. 21/2 SMF***
1420 0743 USA KITI Centralia WA thru dominant KKEA w/classical oldies 23/2. BCM**
1430 0704 USA KMRB San Gabriel CA dominant with CC programme 25/2 MS*
1430 0723 USA UNID - KVVN or KMRB w/mx & talk in either VV or CC. 21/2 SMF*
1430 0731 USA KLO Ogden UT gd w local ads for Salt Lake City on EWE 17/2. MSM
1460 0748 USA KION Salinas CA vg with talk 17/2 on EWE. MSM
1460 0722 USA KION Salinas CA fair with talk. 21/2 SMF**
1500 0720 HAWAII KHKA Honolulu very good with sports talk. 21/2. SMF**
1510 0824 UNID maybe KCKK w/"Like A Rolling Stone" fair mixed on EWE 17/2. MSM
1566 1705 SOUTH KOREA HLAZ relaying VOA News in Korean. Fair mixed with 3NE 12/1 BH**
1580 0700 USA KBLA Santa Monica CA ID in SS after EE programming 25/2 MS**
1600 0707 USA KVRI Blaine WA (tent.) fair with southern Asian music. Mx was up and anncts were down. Couldn't catch it on the hour. 21/2. SMF**
1600 0816 USA KVRI Blaine WA presumed w/Hindi music 17/2 on EWE. MSM
1640 0735 USA KDIA Vallejo CA with religion SB**



TV/FM NEWS & DX

Editor

Paul Rawdon
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Greetings and welcome to the March instalment. As feared band activity tapered off after the big opening on 15th January. Even the Hams on 6 metres experienced a reduction of activity. Rumour has it that the drought was caused by Andy Gardner returning from Australia on that day.

From my observation the season was notable for the lack of signals from New South Wales which up until, now were the most common. Activity was focussed on Tasmania which traditionally we have seen in Christchurch as a sign that the season was ending. On the local scene, popular music fans will be looking forward to two new Freeview TV channels and classical fans the continuation of RNZ Concert.

Changes at Media Works

Three Life and its plus one channel are to close and they will be replaced by the return of The Edge TV which will take over Freeview channel 11 and newcomer The Breeze TV will open on channel 14. March 26th is the opening date (Stuff 11.02.2020).

The 'official' response is that Media Works is responding to audience preferences. It is likely that a more accurate reason was that the channel was not attracting viewers and that music would be a cheaper alternative. This reminds me of the return of the local Christchurch talkback on NewsTalk ZB on weekday mornings. Adverts appeared announcing the recommencement of the local programme saying "You spoke we listened". This was hard on the heels of a ratings survey when NewsTalk ZB was pushed from their number one position in Christchurch.

RNZ Concert

RNZ's plan to take RNZ Concert off its FM frequencies and convert it into an automated music service on the old AM frequencies has been abandoned. It was intended to use the FM frequencies for a youth orientated music service. This was in response to the government indicating that it would support the youth service plan (RNZ 12.02.2020).

The government holds the rights to a number of FM frequencies and it is likely that these will be used for the new youth service. Thankfully common sense prevailed in this as like RNZ National, RNZ Concert is a 'jewel in the crown'. I admit I am not a regular RNZ Concert listener and this is one occasion where I would not bemoan the loss of a potential DX frequency!

As an aside, the National Programme of the NZBC began on 14 September 1964. I gleaned this from a book called 'Broadcasting House 1963 to 1997: If These Walls Could Talk' in it there was a photograph of a letter from the NZBC to John Gordon offering him the opportunity of hosting a programme of what we remember as 'Appointment with John Gordon'. It was broadcast between 4 and 5PM on weekdays. The programme ran until 31 December 1980.

Upcoming Auction

David Kaio reports that Radio Spectrum Management have announced that three FM frequencies will be up for auction on TradeMe at the beginning of March:

Main St Methven	104.5	Reserve \$1,479.00
Putaruru Reservoir	104.2	Reserve \$2,699.62
Main St Methven	100.5	Reserve \$1,510.13

OK Boomer Christchurch 96.1 David also reports that OK Boomer is no longer OK. Andy Gardner has heard them identifying as "The Ninety Six One" with no discernible format. *Sadly this is true, the OK Boomer format showed promise. I just heard them with 'Hit Me with Your Rhythm Stick'. Not exactly PC I would have thought. I wouldn't have been surprised if they had followed it by 'They're Coming to Take Me Away Ha-Haaa!*

Welcome to Martin Greer from Launceston, Tasmania in his first contribution to this page has heard during the season:

- 94.5 2NNR Richmond/Tweed NSW, very good at 7:18 3/1 (MG)
- 95.1 3PNN Gippsland Victoria, good at 5:29 30/1 (MG)
- 96.1 2JJJ Richmond/Tweed NSW, strong at 7:13 3/1 (MG)
- 96.7 3JJJ Gippsland Victoria fair at 6:48 30/1 (MG)
- 100.7 3GLR Gippsland Victoria good at 6:33 30/1 (MG)
- 101.5 3ABCFM Gippsland Victoria good at 6:33 30/1 (MG)
- 106.3 4ABCFM Rockhampton QLD good at 4:47 1/2 (MG)
- 107.9 4ROK Rockhampton QLD good at 4:25 1/2 (MG)

The following stations from Gippsland Victoria were heard on the 5/2 and 24/2 being 3PNN on 95.1Mhz, 3GLR on 100.7Mhz, 3ABCFM on 101.5Mhz. On the 18/12/2019 the following stations were also heard from Melbourne, 3SBS on 93.1Mhz, 3ABCFM on 105.9Mhz, 3JJJ on 107.5Mhz, for a period of time from 12:38UTC or local time of 11:48pm.

So there is not a great deal, to report on much FM DX, for this current summer time.

The radios I am using are Icom R7000, Degen DE1121, Digitech AR1780, Digitech AR1733, AR1945, Sony ICF-SW7600G. Antennas are a Phased Array fixed in North East direction and generic VHF antenna fixed South East. *Welcome Martin it's good to have a perspective from your side of the Tasman.*

Brian Withers, Napier has been busy with an extensive list of loggings: 25/12/19 Wellington heard Newstalk 89.3 poor 1pm NZST including More FM 99.7 fair. (H)

29/12/19 Gisborne Star FM 1.pm NZST on 92.5 very weak. (V) Hamilton at 1.20 pm NZST Nui FM 103.4 fair & Mai FM 105.8 very weak with also all the normal stations heard from that area. (V) Whakatane Life FM 104.9 & Bayrock 93.7 weak including all other stations from that area at 1.22pm NZST. (V)

26/12/19. Wellington heard again (H)

30/12/19 Hamilton Newstlk ZB on 97 weak at 8.30pm NZST(V).

31/12/19 Norfolk Island 89.9 poor at 2.45pm (H). Fiji 88.2 mixed with local Small FM on 88.1, 92.2 poor to fair not in EE, 93 at 2.55pm poor to fair including 93.8 & 94.6 poor, 94.6 poor, 95.4 fair, 96.2 poor, 97.8 poor, 100.2 poor, 100.4 weak with interference from local Bay FM

on 100.7, 101.00 fairly good, 102.4 weak, 102.6 fairly good, 103.2 poor & 103.4 (V) Norfolk Island 89.9 at 6.40pm NZST with live programme poor. (H) Gold Coast Australia 89.3 4CRB & 90.9 Sea FM with ABC news at 6.25pm NZST strong. (H) 2/1/20 Norfolk Island 89.9 strong at 2.56pm NZST with music & at 3pm heard male say "Go to local at 7.30 tonight for dance & drinks for locals & visitors", then back to music after station id. (H) Heard on Sony ST - S311 Gisborne More FM 90.10 fairly good coming up with RDS id. (H) Australia Grafton 2JJJ 91.5 & 2PNN ABC News talk radio on 90.7, ABC Mid North West 92.3, 94.7 Tamworth JJJ, Port Macquarie 95.5 ABC Mid North Coast & 2JJJ 96.3 plus 97.1 ABC National & ABC Classic 98.7. All strong signals. Gold Coast FM 92.5, 94.1 Jazz Radio id heard with news, 4JJJ Gold Coast 97.7 strong signals. 99.4 Rebel FM Gold Coast very weak. Rest of Gold Coast strong 102.9 Hot Tomato FM said "Gold Coast", 88.0 Beach FM mixed with local 88.1 also heard 88.5 ABC Classic. All heard on (H)

10/1/20 Australia Murray Valley 2MIL 102.1 for one minute only at 5.44 pm NZST poor. Sydney 102.5 2MBS with classical music at 5.56pm NZST very weak, 103.2 2CBA weak with news & sport at 6 pm NZST, 104.1 2DAY with pops weak "2DAY Sydney bill board". 93.9 2ABC Tamworth very weak at 6.15pm NZST all on (H).

11/1/20 UID 89.9 at 12.55 pm NZST short bursts of music every few minutes but gone by 1.05 pm NZST. NI? New Plymouth 98.8 ZM very weak, 99.6 Peak FM poor on (V).

14/1/20 89.2 89.2 30 seconds of stereo with music maybe More FM Invercargill? 12.15pm.

15/1/20 Wellington 89.3, 99.7, 92.5, 93.3, 94.1, 95.3, 101.3 103.7 heard from 8.30am NZST poor all morning. 96.3 12.43pm NZST in stereo pop music for one minute no id. Quick lift to New Plymouth 2 pm NZST 94 Edge, 99.2 Magic, 93.2 all poor on (V) 93.10 id "More FM" fairly good with very deep fading heard the following "Jacky" in EE then GG at 5.15pm NZST talking then back to pop music & gone by 1 pm NZST. Back to hearing New Plymouth rest of day. (V).

27/1/20 Reporoa for Rotorua area hearing 92.4 Sounds at 8 am NZST very poor, 98.00 Magic Talk very weak with inference from Iwi station on 98.10 very weak heard until 8.45am NZST when left for work. In evening heard New Plymouth on Sony with RDS fairly good 93.2 on (V) also 94.8, 95.6, 96.4, 97.2, 98, 98.8 100.4 99.7, 100.4, 101.2, 103.6, 104.4 weak to poor levels. Hamilton 93.0 The Rock, 95.4 R Tainui poor, 97.0, 89.8 all poor including 91.4 & 98.6 on (V).

28/1/20 Palmerston North on Sony working RDS on most stations including 89 concert, Heard Radio Control 99.4 on nad 4300 all morning.

1/2/20 All Upper Northland FM on (V) 91.6 two ids 91.6 More FM & Northland More FM & 93.2 Hauraki including 95.6 "The Hits" from 9.05am NZST poor to 9.41am (V)

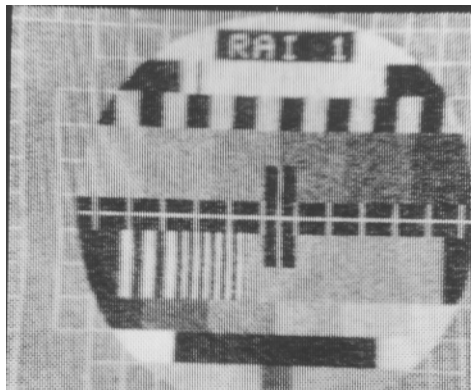
2/2/20 All Upper Northland stations back in evening including 90.0 Rock, 89.2 More FM very weak (V) Reporoa Rotorua very weak on 98.0 Magic Talk with county music programme & all Hamilton lifted too.

3/2/20 Upper Northland stations back all morning & Gisborne stations fairly good including Life FM 92.5 X Star FM Wairoa Rhema 92.5 & Hits 99.7 very weak until 12pm from Wairoa..

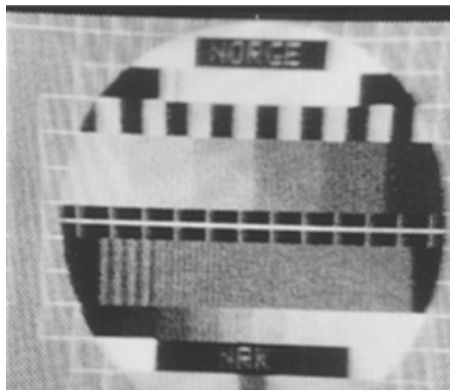
4/2/20 99.6 Peak FM 7 Life FM mixed New Plymouth at times. poor (V)

7/2/20 Both Life & Peak mixed 99.6 at times very weak. (V)

Radio used Nad 4300 with H 8 meters high & 5 elemental V 5 meters high. *Thanks Brian a very compressive list. It's good to see that someone has been hearing stuff.*



RAI 1 Italy



NRK Norway

Two examples of European TV DX, these pictures were taken by former League member the late Duncan Fraser of Upper Hutt who was resident in the South of England in the 1970s and 1980s. I had the pleasure of meeting Duncan and his wife Susan shortly before I moved to Christchurch.

I remember when I lived in Crowborough, East Sussex about 20 years ago I regularly got Belgian and Dutch TV coming. It was never very good but the teletext worked just fine if only I could have read Dutch! - Chief Ed

That brings us to the end of another instalment until next time take care.



The BBC Test Pattern from the introduction of colour television

UTILITIES

Editor

**Arthur DeMaine
Ashburton**

email
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Mike Jackson advises that the Unid station on 5170 Khz reported by Brian Carr last month is a Taiwanese meteorological broadcast in Mandarin. Brian also reported back that station was located in Taiwan. Looks like a quite month with just a few loggings.

FREQ UTC DETAILS OF TRANSMISSION

- 5505 0838 Shannon Volmet aviation weather poor 27/02 ABD
- 6676 0840 Calcutta Volmet woman with aviation weather poor to fair 27/02 ABD
- 8867 0405 American 82 AKL advise FL passing details confirmed 24/2 RP
- 8867 0839 AKL Radio Delta 514 Metro report dept time 2100 S C / C HQ AKL,514
Clears Delta 25/2 RP
- 8867 2130 QANTAS,154\AKL RE Passing Inst FL 380 Rept Frm 380 under Stud 25/2
RP
- 8867 0330 Qantas 172 calling Auckland with position no answer good 27/02 ABD**
- 8867 0419 Malaysia 144D calling Auckland and request selcal check good 27/02
ABD**
- 8867 0426 Qantas 146 with Auckland selcal and position check good 27/02 ABD**
- 8867 0429 Velocity144 called Auckland requesting flight level change to 380 – 0431
Auckland gave Ok and instructed for a call of reaching flight level 380 good
27/02 ABD**
- 8867 0430 NZ45 called Auckland with a position report good 27/02 ABD**
- 11387 0851 Singapore Volmet with aviation weather, 0854 s/off “Broadcast ends,
Singapore Radio out good ABD**
- 13282 0840 Tokyo volmet with aviation weather good 2/02 ABD**
- 13282 0845 Hong Kong s/on “All stations this is Hong Kong Volmet” good 2/02 ABD**

CONTRIBUTORS

- | | | |
|--------------|----------------------------|----------------------------|
| RP | Roger Pryde, Dunedin | Icom R70, 20 mtr Long wire |
| ABD | Arthur De Maine, Ashburton | Elad SDR 30ft long wire |
| ABD** | Arthur De Maine, Ashburton | Northland SDR |

If you lived in Wellington, Paraparaumu, Blenheim or Nelson a few years ago you may have seen one of these floating into the airport. They flew once for the Rail/Air section of NZ Government Railways ferrying cargo across Cook Strait.

Arthur



LADDERS & CONTINENTS



Editor
 Sutton Burtenshaw email
 nzrdxlladders@gmail.com
 Hamilton

MEDIUMWAVE OPEN (Over 500)	A/NZ	Pac	NAm	CAm	SAm	Eur	Af	Asia	Cnt	Dec	Mar	Inc
Ray Crawford	900	128	414	86	111	132	46	569	189	2390	2390	0
Douglas Johns										1146	1146	0
Sutton Burtenshaw	442	69	337	43	39	47	3	120	108	1103	1105	2
David Ricquish	501	93	195	22	6	8	0	46	67	871	871	0
Stuart Forsyth	502	34	118	14	23	93	1	38	75	824	824	0
Bryan Clark									121	696	696	0

SENIOR (301 - 500)

Günter Jacob	0	0	7	0	0	361	10	11	59	389	389	0
Mike Smith	102	31	152	12	12	10	2	23	62	353	356	3

FM-TELEVISION

Douglas Johns										1212	1212	0
Bryan Clark									6	164	164	0

SHORTWAVE OPEN (Over 500)

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

SHORTWAVE OPEN (Over 500)	A/NZ	Pac	NAm	CAm	SAm	Eur	Af	Asia	Cnt	Dec	Mar	Inc
Ian Cattermole	314	613	664	352	395*	3626	509	1889	209	8362	8362	0
Günter Jacob	305	366	365	172	202*	1931	551	1585	176	5482	5482	0
Douglas Johns										3223	3223	0
Ray Crawford	178	111	186	120	274*	929	282	565	233	2646	2646	0
John Durham	116	95	224	113	152*	983	252	551	266	2514	2515	1
Bryan Clark									244	1636	1636	0
Stuart Forsyth	62	32	16	16	34*	218	53	219	115	657	657	0

INTERMEDIATE (151 – 500)

Sutton Burtenshaw	7	3	32	11	19	90	14	44	48	220	220	0
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UTILITIES

Douglas Johns										37453	37453	0
Günter Jacob									14	18	18	0

COMMENT: Greetings to all. March is 'well and truly here' and in line with your feedback this page is 'well and truly here' also. Not one negative comment was received, and as well, an idea or two for future inclusion that seem to me as full of merit, will be discussed with the Chief Editor. Taking note of recent 'dialog' postings, there has been several shortwave countries available while on the broadcast band Alaskan and Canadian stations have been 'popping up'. Mike has even heard his first South American for this year. A cruise along the dial is definitely advised.
 Best DX to all.....Sutton.

Continued from page 32

no less DX oriented. The first item in most issues was a writeup about a particular station, e.g. "Hear Mozambique," "Hear Hong Kong," etc. These often included brief comments about the program, the dial location in relation to other known stations, interference the listener might encounter, etc. We have extracted some of these features from the QRC bulletins for the years 1936-39, added QSLs of the stations, and present the result under "DX History/Clubs & Publications." The first two groups are from Africa and the Americas. More of these next time. -- And in "Specialized Resources/The DX Recordings of Colin Miller," Colin has sent us a recording of Radio Japan from the 1970s. *Thanks, Colin.*



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, 25 March, 11.45am**

(note the change of time)

Beach Babylon Cafe, Oriental Bay, Wellington



On the **shortwaves.com**

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

< www.ontheshortwaves.com > Update, February 2, 2020 -- Under "QSLs & Other Station Memorabilia" we have posted the third and final part in our series, "The BBC in QSLs." Part III covers the relay stations. -- Under "Specialized Resources/Wavescan," Adrian Peterson has checked in with four new entries: (1) "The Tragic Disaster of the German Airship Hindenburg" (Wavescan N566, December 29, 2019); (2) "The Radio Scene on a Volcanic Island in the South Pacific: the Recent Tragedy on New Zealand's White Island" (Wavescan N568, January 12, 2020); (3) "The Early Wireless Scene on the Pacific Island, Bougainville" (Wavescan N569, January 19, 2020), and (4) "The Shortwave Scene in South American Uruguay" (Wavescan N570, January 26, 2020). -- And we have updated the Wavescan index to include all Wavescan scripts through December 2019.

< www.ontheshortwaves.com > Update, February 9, 2019 -- Under DX "History/Stations," we have posted a writeup about Morocco: "Early Morocco Shortwave and Moroccan QSLs Through the Years." -- We have two new items on the "Specialized Resources" page. Adrian Peterson has filed another "Wavescan" entry: "Jungle Radio on Bougainville Island" (Wavescan N571, February 2, 2020). And from Colin Miller we have a recording of the Voice of Malaysia (Suara Malaysia), from around 1981.

< www.ontheshortwaves.com > Update, February 16, 2020 -- This time, under "DX History/Recordings," we have posted the fourth (and final) group of recordings of shortwave broadcast stations in Colombia. These were recorded in the 1970s and 1980s. Colombia IV contains the following stations; ID locations are in [brackets]: (1) Caracol Carreno, Puerto Carreno, 5936 kHz., 1984 [:58]. - (2) La Voz del Cinaruco, Arauca, 4865 kHz., 1975 [:02]. - (3) La Voz del Llano, Villavicencio, 6115 kHz., 1978 [:33]. - (4) La Voz del Rio Arauca, Arauca, 4895 kHz., 1988 [:01, :24, 3:47, 4:02]. - (5) R. Colosal, Neiva, 4945 kHz., 1975 [:22]. - (6) R. Macarena, Villavicencio, 5973.5 kHz., 1983 [:38, 1:12]. - (7) R. Nueva Vida, Cucuta, 5569 kHz., 1986 [:52]. - (8) R. Santa Fe, Bogota, 4965 kHz., 1975 [:06]. - (9) R. Super de Bogota, 6065 kHz., 1975 [:09, :20]. - (10) R. Super de Cali, 6120 kHz., 1975 [:11]. - (11) R. Super de Medellin, 5953 kHz., 1975 [:46]. - (12) R. Transamazonica, San Jose del Guaviare, 6051.5 kHz., 1981 [:06, :28]. - (13) Radiodifusora Nacional del Colombia, Bogota, 15335 kHz., 1976 [:17, :50]. - And as a reminder of how things used to be, we have also posted a copy of the WRTH Colombia list from the 1979 edition. It listed 55 active shortwave frequencies.

< www.ontheshortwaves.com > Update, February 23, 2020 -- The Quixote Radio Club was founded in 1933. Originally located in Hendersonville, North Carolina, it soon decamped for Santa Barbara, California, and stayed in operation until around 1941. It professed a greater interest in program content than other clubs, but its bulletin, The Short Wave Reporter, was Continued on page 31