

	<h1>New Zealand DX Times</h1> <p>Monthly Journal of the New Zealand Radio DX League (est 1948) May 2020 Volume 72 No. 8</p> <p>http://www.radiodx.com</p> 	
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Welcome to the May edition of the DX Times.

Goodness - hasn't the lockdown been fun?! Well, it has been in some ways - I got to do a whole lot more listening than normal for a start and this is what I would like to focus on. As most of you will know I prefer Mediumwave DX (Broadcast DX) to any other form. I have done Shortwave DXing when I have lived in places not conducive to MW and have verified 115 countries - not as many as some, but I am happy with that.

And then, along came **Peter Mott** and his Kiwi SDR couple this to his 12m delta and you have a very interesting scenario indeed. The aerial has been pointing north (more or less) and we have heard Alaskans as never before as well as West Coast Yanks and Canadians and even further afield to places like Chicago and of course, one night recently we heard Florida.

When living in Malaysia, I used to sit in my office waiting for Maureen to finish work and I would put my earphones in and use the League's SDR to DX. I logged all sorts of Alaskans and Sth Americans on SW. I had a field day. Since returning from abroad I haven't used the SDRs much. However, with this pandemic, I have returned to them, and whilst appreciating that other SDR brands are superior in terms of what they can do by way of filters and notches, I am still in awe of what Peter has provided for us.

He kindly turned the aerial to the south east for the equinoctial period and the result has been breathtaking. On Mediumwave we have heard Paraguay: Radio Nacional del Paraguay 920, Radio 9-70 970 and Radio Nanduti 1020; Brazil: RBV 940, Radio Rio de Janeiro and Radio Cumbre (1kw) both 1400, Uruguay: Radio Carve 850, Radio Monte Carlo 930 and Radio Zorrilla 1400; Argentina: Radio Nacional Buenos Aires 870, Radio Continental 590, Radio Mitre 790, Radio Bahía Blanca and Radio Salta 840, Radio del Plata 1030, Radio San Francisco 1050, Radio Nacional Formosa 820. These are just some, but not all, of what was heard. I haven't mentioned stations from Peru, Colombia or Chile.

To back up what Life Member Ken Baird has said several times, there is still life on SW. Over a short periods I have managed to log/ note stations from 19 different countries across most bands - and China isn't one of those.

This is the power and beauty of this SDR. Thank you, Peter, for what you have done for the club. It has revolutionised the hobby. The DX is there if we want it. We just have to boot up the computer, put on the earphones and be a little patient.

Deadline for next issue is Wed 27th May 2020. P.O. Box 178, Mangawhai 0540

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

June **Wednesday, 27th May**

July **Wednesday, 24th June**

August **Wednesday, 29th July**

**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://russell-nzrdxl.proxy.kiwisdr.com:8073/>
<http://opunake-nzrdxl.proxy.kiwisdr.com:8073/>
You will need the password - write to
nzrdxlsdr@gmail.com for details.

The founder of Radio Caroline – the first pirate radio station off the UK – **Ronan O’Rahilly** has died aged 79.

His death was announced by the current Radio Caroline, which still exists off the Essex coast.

The station was founded in 1964 to compete with the BBC and launched the careers of many well-known DJs, achieving enormous popularity.

Mr O’Rahilly, who lived in Ireland, had been diagnosed with vascular dementia in 2013.

Radio Caroline was the first of several pirate radio stations that challenged BBC radio’s dominance in the 1960s.

The station played pop music all day, while the BBC only played pop for an hour a week.

[...]After the Marine Broadcasting Offences Act was passed in 1967, Radio Caroline continued to broadcast from ships until 1991, when the Ross Revenge was shipwrecked off the Kent coast

The station, which started broadcasting again on medium wave in 2017, helped pave the way for modern commercial radio.

Radio Caroline was heard and verified by a number of New Zealand DXers in the 1960s - Ed.

https://swling.com/blog/2020/04/radio-carolines-founder-ronan-orahilly-dies-aged-79/?utm_source=feedburner&utm_medium=email&utm_campaign=Feed%3A+TheSwlingPost+%28The+SWLing+Post%29

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)

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Farewell to Wynn Machon

I can hear some of you say who is Wynn Machon? Wyn joined the Southland Branch of the League in August 1974. He was elected Vice President of the Branch in August 1975 and again in 1976. The last record of his involvement with the branch was in April 1977.

Wyn, like a number of other Southland Branch members, most notably Ray Crawford, worked for Comalco at the Tiwai smelter. It was he who secured the use of the Tiwai house. The branch received a letter from T G Fairless General Manager Operations 11 November 1974 confirming permission to use it. It was an arrangement that lasted over 30 years and of course it has become an important part of the history of the New Zealand Radio DX League.

In later life Wyn Machon managed and announced on Oamaru Heritage Radio. (Thanks to Life Member **Steven Greenyer** for this information).

Our Patron, **Sutton Burtenshaw**, remembers Wyn. *My memories are of Wyn's grin at Southland Branch meetings when showing us the verifications he had received and then his enthusiasm when finding the deserted farmhouse that was to be our Tiwai Listening Post. In later years Wyn was to be found on a Sunday afternoon with a suitcase full of CDs' conducting a Country Show on Oamaru Heritage Radio.*

To Wyn's family I offer my condolences.

Life Member **Ray Crawford** knew Wyn well. *I first met Wyn at the Tiwai smelter sometime in 1972 or 73 where we both worked.*

Wyn joined the Southland Branch in 1974 and was elected Vice-President in 1975 and again in 1976.

Part of his job at the smelter was to look after the operations of the bore pumps down the Tiwai Peninsula. My responsibilities then were the high voltage operations in and around the plant. To work on the pumps the mechanical fitters had to get permission from the power supply operator, who would isolate the power to the pumps making them safe for maintenance. While he was supervising the work one day he went for a drive further down the peninsula (where there were several roads) and found the deserted house which eventually become the Southland Branch listening post. Early in 1977 he moved to Auckland and was employed at the Glenbrook steel mill.

When he retired he moved to Oamaru where he announced programs on Oamaru Heritage Radio. Country music in mornings during the week and a Gospel show on Sunday evenings.

We had kept in touch over the years and it was just a week before he passed away that I spoke to him for the last time. I will miss his emails and the chats over the years dearly.

Vale Wynston Machon.

On the next page you will see some very revealing photos!

These photos come from a Southland Branch meeting in October 1974.



Wyn Machon (left) with Owen Crawford, Alan Crawford and Ray Crawford



Steven Greenyer (left), Merv Branks and Irene Simpson (Southland Branch Secretary)



Harry Searle (left), Sutton Burtenshaw, Eric McIntosh, Paul Aronsen, Lindsay Robinson, Arthur Cushen (seated)

Notes from the Chief Editor

Usually I create the front page about 2 weeks before closing date and then I have to change things around to fit in late breaking news. This month, however, I have decided to leave it as it was, because it says what I wanted to say. I think we DXers, mediumwave listeners in particular, have been incredibly grateful to Peter Mott for what he has offered us, particularly over the past month.

From the President: Adcom has decided that **the second SDR** kindly donated to the League by Peter Mott, along with other equipment, will be relocated to Mike Smith's at Opunake. The other SDR will remain in Northland thus giving members a choice of SDRs. The League will pay part of Mike's Internet cost as it does with Peter's. Adcom continues to look for another site for an SDR in the South Island. The League thanks Peter for his very generous donation of the SDR and other equipment. We also thank Mike for agreeing to host the second SDR. Paul Ormandy the webmaster, will advise when the SDR is operational at Opunake. Paul will continue to look after advising the password for both SDR.

New SDR page. As Dene Lynneberg and Life Member Ken Baird will attest, there are a large number of SDRs, similar to our own League SDR, available around the world. Many many DXers from around the world listen to these remote receivers and log, report or verify stations all over the world.

We have had discussions of late over what DX is in this modern age. The days of the NZ Radio DX League's competitive QSL chasing days is long over. The number of DXers who still actively chase QSLs (of whom I am one!) is ever diminishing. The strictly controlled rules of competitions with discussions over what constitutes an acceptable QSL have passed - quite simply, nobody cares about that any more. The hobby has moved on.

To reflect this, we have decided to introduce **a column dedicated to SDRs** - reviews of SDRs and who is hearing what on which SDR. Wellingtonian **Dene Lynneberg** has agreed to edit the page. We will begin **next month**. Please feel free to contribute loggings on overseas SDRs, thoughts, opinions, reviews etc. Please send contributions to the Chief Editor at darfielddx@gmail.com. A permanent email address will be announced later

Dene will give you ideas on where to listen and what to listen to.

ABBREVIATIONS

Languages		General	
AA	Arabic	MA	Male announcer
CC	Chinese (Mandarin)	FA	Female announcer
EE	English	w/	with
FF	French	ss	sunset
GG	German	sr	sunrise
II	Indonesian/ Italian	mx	music
JJ	Japanese	rx	receive/receiver
KK	Korean	tx	transmit/transmitter
PP	Portuguese	wx	weather

RR	Russian	vocs	vocals/singing
SS	Spanish	mxd	mixed
TT	Turkish	Xian	Christian
VV	Vietnamese	id/ID/ident	identification

General contd.		Music	
ad/advrt/advrt	advertisement	orch	orchestral
tlk	talk	instru	instrumental
hrd	heard	CW	Morse code
tent/(t)	tentative	C&W	country & western
pres	presumed	trad	traditional
promos	promotions	EZL	easylisting
PSA	public service announcement	mv	male vocalist
var	various/variable	fv	female vocalist
tfc	traffic	Signal	
relig	religion	wk	weak
t/c t/check	time check	fr	fair
dom	dominant	gd	good
annc	announcement	vgd	very good
sfx	sound effects	exc	excellent
unid	unidentified	clr	clear
prog or prgrm	programme	f/in	fade-in
reg	regular/regularly	f/out	fade-out
cmdy	comedy	QRM	interference
temp	temperature	QRN	noise
lang	language	pkg	peaking
ment	mention/mentioning	overmod	overmodulated/ distorted
net/netw	network	u/	under
Cd	ciudad	o/	over
C2C	"Coast-to-Coast AM" talk show	//	parallel
		m.	measured
		sig/sigs	signal/signals

MUSINGS



Editor

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Mangawhai

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First up is **Mike Smith, Opunake**. Hi Stu, Hope you're enjoying the current surfeit of DX from South America. *[Absolutely]* I certainly have been. Lots of loggings and recordings to check through, with some new ones. I think the season is rolling off a bit, signals are coming through earlier but not at the same strength they were a month ago. The sidebands from the locals seem to get wider earlier as well! It will be interesting to get the SDR#2 up and running here, hopefully there will still be something to hear as we get into winter. I got an e-qs from Radiodifusion Nacional de Uruguay on 1290 from last month's bunch of reports. *[Excellent]* Their email address is sodreweb@gmail.com and I believe this address could be used for reports to their other affiliated stations R.Uruguay 1050 and R. Clasica 650. I'm assuming nobody got a hard copy Times for April due to the lockdown? *[Yes, you are right. The printer couldn't access his workplace. A great QSL - well done. Looking forward to the Opunake EWE doing its stuff!]*

Dene Lynneberg in Wellington is next up: Lockdown has provided an opportunity to digitise and archive dx recordings made over the past 10 years or so. This has proved to be very enlightening rediscovering many catches I had completely forgotten about. QSL's have been slow coming in of late despite more and more reports being sent out. However a few that have trickled in have come from: United AM 1224 kHz 100 watts the Netherlands, PPE Observatório Nacional, Rio de Janeiro 10000 kHz (heard on the League sdr) snail mail reply after 2 follow ups to 3 different email addresses (verie signer: Ricardo Jose de Carvalho, Chefe de Divisão Serviço da hora)) CHAB 800 kHz Moose Jaw again after 2 follow up reports (verie signer: Ken Fisher sent a very nice email reply with a CHAB QSL Card and a QSL letter with a picture of their studio. Another nice email QSL came from Pirate Radio Europe 5835 kHz (measured as 5835.72 kHz) heard on the Twente sdr in the Netherlands. Pirate Radio Europe uses 1.5 kw into a Bazooka antenna suspended 12 metres in the air and operates 10 km from Mount Goverla at 1100 meters above sea level from the western part of the Ukraine. Reply in Russian and English along with 4 different QSL cards. My first Ukrainian pirate QSL. Radio Mi Amigo 5845 kHz Yerevan, Armenia. Nice reply from Lion Keezer who said that the broadcast I heard was part of a broadcast from 2 years ago and said that the unscheduled broadcast was probably run as a test by the engineers at the Yerevan transmitting site. Nice QSL also received for the broadcast. CKCMR (Caroline Karori Classic Music Radio) 107.6 MHz (verie signer: Peter Marshall, Station Operator) CKCMR is now called Radio Rainbow and now has an essentially GAY orientated playlist. Station broadcasts from a site in Karori with a clear view of Wellington Harbour and gives good reception throughout most of Wellington. And last but not the least an email confirmation from Wantok Radio Light from Billy Yasi, General Manager with a promise of a QSL to be sent to my home address.

Reports have gone out to: Radio Merlin International (England) 6305 kHz; Radio Matrix (Italy) 6850 kHz; Radio Oz Viola (Denmark) 5825 kHz, Shortwave Radio 3975 kHz Winsen, Germany; Radio 319 5835 kHz; Radio Mi Amigo via Yerevan, Armenia 5845 kHz; Premier Radio (Ireland) 6285 and 6910 kHz; Wantok Radio Light 7120 and 7325 kHz (both follow up reports); FEBC Iba 9920; AWR Trincomalee 15610; AWR Cuba via WRMI 5010; 3ML 1467;

2HC 639; SBS DesiPop 1610.90; Voice of Tibet 9899, 9866, 9886 kHz; Voz Missionaria 5939.53, 9665.52; KNDI 1270; Voice of the Strait 783 kHz *[Some nice veries there. I particularly like the Radio Mi Amigo story - the accidental broadcast - it is like the Yanks who forget/ don't switch to night time power - a DXers delight!]*

The Patron, Sutton Burtenshaw in Hamilton is next out of the bag. Dxing for me has sorta taken a backseat this past month. Have heard one or two SS stations of course and I did send an email report to Bethel Radio on 1570, but that bounced quicker than I could send it! This old computer may have a glitch or two as I had trouble logging on to the League sdr with the changeover, then a few minutes after my attempt it popped up! Anyway hope our members are staying safe. *[Computers often have a mind of their own and do not cooperate when required - rather like school children! All is well here and we hope you two are well too.]*

Bryan Clark in Mangawhai reports one of his busiest DX months in memory. The closure (likely to be temporary) of Trackside Radio opened up a lot of DX opportunities on MW that needed to be taken up and the results were excellent! The medium wave trail in this month's magazine is probably the biggest ever. As I was dispatching the May Broadcast News column to Stu I had one of my most exciting DX moments in decades with a logging of Harbour Light of the Windwards in Grenada on 1400 - more about that in next months magazine. Reception report sent of course, plus another try with RBV Brazil 940.

Had an enjoyable conversation with John Knight in early April. I took over as DX Times editor from John in 1970 - in my early days as a MW DXer in the 1960s, he was the League's top Latin American DXer. *[As a postscript to this, Bryan reports that Grenada (a suburb of Wellington??) has verified: congratulations, Bryan. That is the first time I can recall the station being verified - however, I am happy to be corrected. It is a very good catch and a great verie to have.]*

Life Member John Durham in Tauranga says: Quiet month DX wise - 1 qsl in from The Ghoul via Rhodorf Germany 6070khz. Will be interesting to see how the SDR down in Opunake will perform when it is up and running. A big thanks to Mike & Paul for the time and effort in arranging this. *[I am sure we all agree with that!]*

Your Chief Editor in Titirangi had a lot of fun while the EWE was pointing south east and I am very grateful to Peter for making it happen. My loggings appear in both the shortwave and mediumwave sections. I have sent reports to Radio Carve 850, Radio Nacional Paraguay 920, Radio Rio de Janeiro 1400, HLSR 1170, Radio Santa Maria, Azogues 1490. A verie has been received from HLSR 1170.

Life Member Ken Baird in Wainuiomata is a late but very welcome arrival. He talks of a comparison between the Tecsun PL 310-et and Digitech AR 1780 receivers.

After seeing and reading some good reviews of the Tecsun PL310-et I purchased one in June 2019 from Amazon for \$NZ95.00+shipping. It is a standard portable FM/SW/MW/LW DSP receiver. It uses the Silicon Labs si4734 DSP chip set which provides significantly enhanced performance. A very good user manual was provided.

Last year, after good reviews in the <swling.com> web site and YouTube, I purchased a Digitech AR1780, an LW-AM-FM-Air-SW SSB DSP portable for \$NZ149.00 from Jaycar. It uses the Chinese Boardcomm BK1088 enhanced DSP chip set which has SSB and good fine tuning which now means I can use ECSS tuning. The AR1780 is hard on batteries so it now runs off a Dick Smith (remember him?) standard power supply – no switched mode noise!! It also has up/down tuning buttons which saves having to turn the small tuning knob endlessly. It also has a 5kHz step, great for SW listening. The user manual was very poor with very little detail in bad Chinese English.

Both radios were readily available, appear to be reliable and are well priced. I did notice that Amazon have very high shipping costs which makes the total price of both radios about the same.

I have just completed a new 10m elevated random wire receiving antenna and have been testing both sets using it. Both sets had good power supplies and used the same antenna connection so my tests should be reasonably accurate. It was not the best of times for the tests as we are at the trough between 2 sunspot cycles and HF propagation is poor. My methodology was to use SDR1 at Russell to locate S9 signals in the required band and try their reception on the two portables. This worked very well.

Frequency kHz	Time UTC	Country, Station	Tecsun PL-10-et dBm/uv(1)	Digitech AR1780 dBm/uv(1)
5000 (60m)	07:05	USA, WWVF/H	49 nil	70 , Poor
5945 (49m)	07:15	NZ, RNZI	49, nil	70, Weak
6025 (49m)	07:30	China,PBS, Xizang	53, Poor	73, V good
7275 (41m)	03:05	Turkey, VOT	73, Good	86, V good
7325 (41m)	04:37	USA, R Marti	63, Good	75, V good
7375 (41m)	02:55	Romania, RRI	53, V weak	72, Good
9330 (31m)	04:30	USA, World Last Chance R	58, Good	71, V good
10000	04:53	WWV/H	45, Weak	52, Weak
11650 (25m)	04:37	China, CRI	63, Good	70, Good
12070 (25m)	23:40	Kuwait, VOA	42, Nil	58, Fair
13840 (22m)	23:35	NZ, RNZI	41, Nil	58, Fair
15500 (19m)	23:32	China, CNR2	42, Nil	58, Fair
17440 (16m)	23:47	China, CNR1 jamming SOH	40, Nil	60, Fair
17735 (16m)	03:40	China, CNR1 Jamming VOA	46, nil	64, weak
18900 (15m) (3)	03:45	China, CNR1	54, nil	53, nil

1) dBm/uv = dBm / microvolts (Referenced to 1 microvolt)

2) Ambient noise level at Wainuiomata appears to be about 50 dBm/uv

3) SDR1 at S9 on 18900 at the time with audio in Mandarin.

It is evident from these results, across most SW bands, that the Digitech AR1780 is a better receiver better than the Tecsun PL310-et although the Tecsun has a much better display. I suspect that the difference is due to the enhanced Chinese BK1088 Chip set.

I prefer to use the Tecsun PI310-et as the display and A4 sized user manual are better to use. For SSB use and extra sensitivity, I use the AR1780. For serious SWL, I use SDR1 and several overseas SDRs.

My testing was an interesting exercise and indicates that there are good, cheap, DSP portable radios that perform very well. I have found both radios good, fun additions to my SWL hobby.

BANDWATCH



Editor
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It's finally over! How did the Level 4 Covid-19 lockdown treat you? I've been working remotely from home and will continue doing so until we reach level 2, but I didn't visit the radio bands as much as I would have liked. I used the Northland SDR #2 a couple of times, mainly for MW purposes. Thanks for your loggings, which show that Shortwave remains alive and (fairly) well. As I've always said, all contributions are welcome, and there's plenty of room for more. Remember 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.

SDR's used in your DXing will now be highlighted by these symbols appearing by the frequency:

- * Northland #1 SDR (NNE direction)
- # Northland #2 SDR (SSE direction)
- & Owdjimin, ZL1ROT or other NZ-based SDR

No symbol in the SDR column means you were using a real radio and your own aerial

kHz SDR UTC Country, Station, Programme, & Reception Details

2485		1755	VANUATU R Vanuatu vg on extended schedule during cyclone non-stop music, gone 1836 when moved to 3945 8/4 BCM
3215	#	0718	USA, WCR fair at best with EE religious ravings 1/4 SMF
3320	#	0915	NTH KOREA, Pyongyang BS fair but v noisy with vocals 8/4 SMF
3325	#	0917	PAPUA NEW GUINEA NBC Bougainville fair w/cyclone news & local ids 8/4 SMF
3910	#	0910	STH KOREA, V of the People, fair but jammed // 3930 the same 8/4 SMF
3925	#	0907	JAPAN, R Nikkei fair in JJ with mx 8/4 SMF
3945	#	0716	VANUATU, VBC fair in local languages with tropical cyclone warning 4/4 SMF
4775	#	0920	BRAZIL R Sora de Congonhas (tent) poor/noisy, carrier visible, frequency offset is right, the only station scheduled on 4775. Limited audio heard 8/4 SMF
4885	#	0722	BRAZIL, R Clube do Para poor in PP with mx // website 1/4 SMF
4985	#	0923	BRAZIL, R Brasil Central fair in PP with mx, sunrise in Brazil may account for peak in signal 8/4 SMF
5085	#	0448	USA, WTWW poor/ fair in EE with the QSO Radio Show 7/4 SMF
5780	*	1850	EURO PIRATE Harmony Radio very poor with music, gone by 1943 24/4 JJD
5850	#	0726	UNKNOWN fair/noisy, EE, anti-American (American Empire & repression) 1/4 SMF
5860		1920	KUWAIT R Farda in Persian with music 17/4 BC
5875	#	0440	UK, BBC WS very good in AA, mention of Boris Johnson 27/3 SMF
5875		1939	THAILAND VOA relay fair in KK 17/4 BC

5900 1920 BULGARIA R Taiwan International fair in GG 31/3 BC
5900 2010 BULGARIA The Overcomer Ministry fair in EE religion. New time? 18/3 BC

5910 1607 ROMANIA RRI fair in Italian, Macedonian from 1628, Ukrainian from 1700 Serbian from 1728 5/4 BDW

5940 # 0925 BRAZIL, R Voz Missionaria vg in PP with mx and talk, mentions of Sao Paolo // 9665 not as good 28/3 SMF

5945 1904 TURKEY VOT fair in EE with local songs 18/4 BC

5960 # 0502 KUWAIT, R Kuwait fair/good in AA with talk 26/3 SMF

5960 1600 TURKEY VOT very good in Turkish 11/4 BDW

5975 0440 AUSTRIA NHK World Radio fair in EE 17/4 BC

5985 0505 USA WRMI fair in EE with Messiah Ministry 5/4 BC

5995 1245 SOUTH KOREA Echo of Hope fair in KK // 3985 & 6350 9/2 JM

6015 0414 TANZANIA (ZANZIBAR) RTZ Dole fair in Swahili until blocked by RRI opening 0456 10/4 also noted 0400 poor with drum beats & news 28/4 BCM

6020 1845 CHINA CRI fair in Bulgarian for Europe // 7265 25/2 JM

6040 # 0505 FRANCE, RFI vg in FF, talk about hospitalisation likely linked to pandemic 26/3 SMF

6050 # 0440 FRANCE, R Algérienne vg in AA with Koran 7/4 SMF

6050 0459 ECUADOR HCJB Quito weak but improving in SS religion & IDs after RTVA Issoudun relay closes 21/4 BCM

6060 # 0507 FRANCE, Télédiffusion d'Algérie fair in AA, mixed/under RHC good in EE 26/3 SMF

6060 1600 CHINA CRI poor/fair in EE 28/2 JM

6070 # 0511 CANADA, CFRX fair/ poor in EE mixed with (possibly) Bro Stair 26/3 SMF

6070 * 1926 GERMANY The Ghoul via Rohrdorf poor, music, listeners' report, off 2000 25/4 JJD

6080 1110 CHINA CRI fair in Russian // 7290 28/2 JM

6090 1130 JAPAN NHK World Radio fair in JJ with ID 28/2 JM

6100 1810 CHINA CRI poor/fair in EE to Europe //7405 1/3 JM

6105 # 0335 FRANCE, NHK World Radio good in JJ w/EE song // 7265 27/3 SMF

6105 0340 FRANCE NHK World Radio fair in JJ 15/4 BC

6125 # 0405 TURKEY, VOT excellent in EE w/Turkish mx // 7240 27/3 SMF

6125 1800 CHINA CNR-1 poor/fair in CC, off 1805 1/3 JM

6150 # 0340 ROMANIA RRI fair in SS to Central America 27/3 SMF

6150 1800 CHINA CRI fair in CC to Europe // 7445 1/3 JM

6155 # 0442 GERMANY, AWR excellent in FF 7/4 SMF

6155 # 0615 AUSTRIA, NHK World Radio excellent in EE 26/3 SMF

6165 1300 CHINA CRI poor/fair in EE to Middle East 1/3 JM

6165 1750 CHINA CNR-6 fair in CC via Beijing 12/3 JM

6170 1750 NORTH KOREA KCBS fair in Russian 1/3 JM

6175 # 0434 BOTSWANA, VOA in 'Languages of Zimbabwe' fair at best 27/3 SMF

6175 1935 GERMANY VOA via Biblis (tent) fair in Kurdish 26/4 BC

6175 2035 ROMANIA RRI fair in EE news 17/4 BC

6185 1745 VATICAN Vatican Radio fair in Ukrainian // 7360 1/3 JM

6195 # 0345 OMAN, BBC WS relay fair in EE // 7285 poor at best.27/3 SMF

6195 0410 USA NHK World Radio via Cypress Creek fair in SS 7/4 BC

6295 1909 IRELAND Reflections Europe weak with Sunday-only relig prgms 26/4 BCM

6970 1844 TAIWAN Sound of Hope fair in CC talk // 6280, 6340 & 6870 26/4 BCM

7205 1715 CHINA CRI fair in Esperanto 12/3 JM

7220 1430 CHINA CRI fair in Nepalese //7435 2/3 JM

7240 # 0350 TURKEY, VOT in Uighur (tent) with mx and no announcements 27/3 SMF

7245 # 0431 VATICAN CITY NHK World Radio relay very good in EE // 5975 7/4 SMF

7245 1800 MOLDOVA TWR Africa good via Grigoriopol in Tigrinya 26/2 JM

7255 1815 CHINA CRI good in Russian for Asia/Europe // 6070 26/2 JM

7275 0335 TURKEY VOT good in EE with music & ID 16/4 BC

7275 1820 CHINA CRI fair in CC for Mid-East/Nth Africa // 7315 26/2 JM

7280 1915 VIETNAM Voice of Vietnam good in EE 14/4 BC

7285 1815 CHINA CRI fair in Chaozhoo // 6010 3/3 JM

7290 1830 ROMANIA IRRS Milano relay fair in EE, World of Radio from 1900 9/3 JM

7300 1740 CHINA CRI fair in Arabic 4/3 JM

7315 # 0352 MADAGASCAR, R Tamazuj fair/poor mixed/under WHRI in EE 27/3 SMF

7315 0440 VATICAN Radio Dabanga relay fair in Arabic for Sudan 26/2 JM also noted 18/4 BC

7325 # 0420 ROMANIA, RRI vg in Romanian with European football news.7/4 SMF

7325 1120 CHINA CRI fair in JJ // 7260 29/2 JM

7325 1730 ROMANIA RRI fair in FF 12/3 JM

7335 0400 USA R Marti good in SS 16/4 BC also see below

7335 # 0424 USA R Marti good in SS, thick accent, sounded like PP // 7435 & 6030 7/4 SMF

7350 1915 CHINA CRI fair in FF for West Africa 26/2 JM

7355 # 0355 USA, R Marti - excellent signal in SS //7435 just as good.27/3 also 0738 29/3 SMF

7360 & 0003 VATICAN, Vatican Radio fair in Portuguese 12/4 KAB

7365 2015 VATICAN Vatican Radio fair in EE for Africa 12/3 JM

7375 # 0416 ENGLAND, VOA relay fair in EE to Africa 7/4 SMF

7375 0615 FRANCE AWR Africa poor/fair in FF, off 0629 28/2 JM

7380 2020 FRANCE RFI fair in Hausa for West Africa 12/3 JM

7385 1920 ALBANIA CRI relay via Cerrik poor/fair in FF 26/2 JM

7410 1720 CHINA CRI fair in RR for Asia/Europe // 6070 & 7265 7/3 JM

7410 & 2203 VATICAN, RE Vatican fair in Mandarin 17/4 KAB

7425 0500 ENGLAND R Ndarason International poor at s/on in FF for Chad 26/2 JM

7435 1100 CHINA CRI fair at s/on in CC 29/2 JM

7445 1245 PHILIPPINES Vatican Radio fair via Tinang in RR to close 1250 27/2 JM

7450 0555 FRANCE NHK World Radio relay fair in FF 13/3 JM

7485 # 0357 MOLDOVA, BBC WS relay good in Farsi 27/3 SMF

7495 1320 THAILAND Deewa Radio poor/fair in Pashto 6/3 JM

7515 1610 GUAM Living Water Ministry via KTWR fair in KK 12/3 JM

7545 1640 TAJIKISTAN Radio Free Asia fair in Uighur to close 1700 // 7565 26/2 JM

7580 1240 NORTH KOREA KCBS fair in JJ 27/2 JM
9330 0655 USA WBCQ fair in EE 1/3 JM
9410 # 0450 UAE, BBC WS relay good in AA 7/4 SMF
9420 # 0455 GREECE, Helleniki Radiophonia excellent in Greek 7/4 SMF
9460 & 2217 NEW ZEALAND Met Fax (tent) very strong carrier with fax tones 18/4, KAB
9480 2045 JAPAN NHK World Radio fair in JJ 5/4 BC
9500 1644 ROMANIA RRI fair in FF 5/4 also noted at 1859 in Romanian 4/4 BDW
9505 1614 TURKEY VOT good in Azerbaijani 8/4 BDW
9510 0240 ROMANIA RRI poor in SS 7/4 BDW
9515 1205 CHINA CNR-2 fair in CC // 7315 27/2 JM
9535 & 2301 CHINA, CNR1 firedrake jamming RFA with Chinese music 12/4 KAB
9540 1150 CHINA CRI fair in Cantonese for the Pacific to close 1157 27/2 JM
9545 & 2211 SOLOMON IS, SIBC poor in weak English 18/4 KAB
9545 # 2353 SOLOMON IS, SIBC fair/poor & noisy in EE 28/3 SMF
9550 # 0413 IRAN, VOIRI fair in RR with very serious jamming 26/3 SMF
9555 1145 TAIWAN RTI poor/fair in CC for East Asia // 6180 27/2 JM
9570 1625 CHINA CRI poor/fair in CC for South Africa // 7435 7/3 JM
9580 1420 GUAM AWR poor in CC, ID in EE at 1459, close 1500 3/3 JM
9585 1320 PHILIPPINES VOA fair in CC until close 1400 4/3 JM
9590 1145 CHINA CRI fair in Cantonese // 7370 28/2 JM
9605 1410 PHILIPPINES VOA poor/fair in CC 6/3 JM
9666 # 0416 BRAZIL, R Voz Missionaria fair/ good in PP with QRM from a het 26/3 SMF
9690 & 2055 SPAIN, REE good in Spanish 12/4 KAB
9720 1210 CHINA Voice of the South China Sea fair in Filipino // 11955, close 1227 6/3 JM
9760 1230 CHINA CRI fair in EE for the Pacific 27/2 JM
9765 1550 TURKEY VOT good in Persian 11/4 BDW
9790 1510 NORTHERN MARIANAS R Free Asia poor/fair in CC // 7420 (Dushanbe) 4/3 JM
9819 # 0932 BRAZIL, R Nove de Julho good in PP many ids, music, prayers & talk 28/3 SMF
9820 # 0420 ROMANIA (tent) AA talk & music, but the DRM on the SDR said Kuwait. Retuned at 0430 to find definitely RRI, excellent // 11790 26/3 SMF
9825 1245 PHILIPPINES VOA poor/fair in CC 12/3 JM
9835 1935 IRAN VOIRB good in EE with news reports sked 1920 - 2020 // 9855 30/3 BCM
9875 2110 TURKEY VOT good in Turkish with music 5/4 BC
9920 1920 THAILAND R Thailand good in EE with ID 4/4 BC
11530 1645 FRANCE Denge Welat poor/fair via Issoudun in Kurdish 5/3 JM
11690 1040 GUAM AWR poor in CC 1/3 JM
11825 # 0450 MADAGASCAR African Pathways R excellent in EE with religion 27/3 SMF
11835 2130 SOLOMON ISLANDS SIBC fair in EE with church service 5/4 BC
11840 0830 CHINA CNR-1 fair in CC until close 0900 5/3 JM
11850 # 0408 CUBA, RHC good in SS // 9535 excellent 26/3 SMF
11860 # 0410 SAUDI ARABIA, R Sana'a vg in EE 26/3 excellent 27/3 SMF
11895 0950 CHINA CRI poor/fair in CC to close 1000 26/2 JM

11915	2140	SAUDI ARABIA BSKSA fair in AA with full ID 6/3 JM
11955	1235	CHINA CRI poor/fair in Malay // 11700 8/3 JM
11975	1638	ROMANIA RRI good in FF 6/4 BDW
13630	1305	ROMANIA RRI poor/fair in AA // 11945 28/2 JM
13695	1240	INDIA AIR Bengaluru fair in Telugu close 1245 29/2 JM
13710	1220	GERMANY Missionswerk Friedensstimme via Nauen in RR close 1230 29/2 JM
13735	1305	TAJIKISTAN RFA poor in Burmese ID 1329 28/2 JM
13740	0950	THAILAND VOA fair in CC // 11650 27/2 JM
13790	1200	CHINA CRI poor in EE for Europe 29/2 JM
13840 #	0228	NEW ZEALAND, RNZI good/noisy relaying National Radio 8/4 SMF
15105 #	0502	NTH KOREA, KCBS good in EE. Talk is rubbish, but mx is wonderful! 27/3 SMF
15380	0825	CHINA CNR-1 poor/fair in CC 27/2 JM
15435	0215	CHINA CRI poor/fair in Pashto 24/2 JM
15560	0830	CHINA CRI poor/fair in CC 27/2 JM

Please add the appropriate symbol by the frequency if you heard the station using one of the New Zealand-based SDRs. If you've heard it using the SDR, others may also be able to, and it's all DX.

Local Contributors

BC	Brian Carr	Christchurch	AOR AR-5000, NRD 535, EWE and 30' longwire
BCM	Bryan Clark	Mangawhai	WinRadio G3DDC Excalibur Pro SDR & AOR7030+ EWEs to Nth, Cent & Sth America.
BDW	Brian Webb	Upper Hutt	DE-1103 & AR-1733 with whips
JJD	John Durham	Tauranga	Using the League's Northland SDR
JM	John Mainland	Wellington	Philips D-2999, 10m longwire North-South
KAB	Ken Baird	Wainuiomata	Using Owdjim & ZL1ROT SDRs
SMF	Stu Forsyth	Titirangi	Using the League's Northland SDR #2

Overseas Loggings

6155	0459	AUSTRIA Oesterreich Rundfunk fair in GG at s/on 25/4 RDA
9420	2115	GREECE Voice of Greece good in Greek full ID 2200 22/4 RDA
15205	1627	SAUDI ARABIA BSKSA fair in AA with Koran 22/4 RDA

Overseas Contributors

RDA	Rich 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
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Contributions to this column may be sent to nzrdxlunder9@gmail.com or direct to the editor, Ian Wells, at iwellsnz@gmail.com or via snail mail to 16 Fenty Place, Mosgiel 9024.

ENGLISH IN TIME ORDER

Editor

Yuri (George) Muzyka
Auckland

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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
0335	7275g	VOT	TURKEY	16-Apr	BC
0345	6195f:7285p	BBC WS	UK	27-Mar	SMF
0352	7315f	WHRI	USA	27-Mar	SMF
0405	6125e:7240	VOT	TURKEY	27-Mar	SMF
0410	11860g	R Sana'a	SAUDI ARABIA	26-Mar	SMF
0416	7375f	VOA	USA	7-Apr	SMF
0431	5975:7245g	NHK World Radio	JAPAN	7-Apr	SMF
0440	5975f	NHK World Radio	JAPAN	17-Apr	BC
0448	5085f	WTWW	USA	7-Apr	SMF
0450	11825e	African Pathways R	USA	27-Mar	SMF
0502	15105g	KCBS	NTH KOREA	27-Mar	SMF
0505	5985f	WRMI	USA	5-Apr	BC
0511	6070f	CFRX	CANADA	26-Mar	SMF
0615	6155e	NHK World Radio	JAPAN	26-Mar	SMF
0655	9330f	WBCQ	USA	1-Mar	JM
0718	3215f	WCR	USA	1-Apr	SMF
1200	13790p	CRI	CHINA	29-Feb	JM
1230	9760f	CRI	CHINA	27-Feb	JM
1300	6165f	CRI	CHINA	1-Mar	JM
1600	6060f	CRI	CHINA	28-Feb	JM
1810	6100f:7405	CRI	CHINA	1-Mar	JM
1830	7290f	IRRS	ITALY	9-Mar	JM
1904	5945f	VOT	TURKEY	18-Apr	BC
1915	7280g	Voice of Vietnam	VIETNAM	14-Apr	BC
1920	9920g	R Thailand	THAILAND	4-Apr	BC
1935	9835g:9855	VOIRB	IRAN	30-Mar	BCM
2010	5900f	The Overcomer Min	BULGARIA	18-Mar	BC
2015	7365f	Vatican Radio	VATICAN CITY	12-Mar	JM
2035	6175f	RRI	ROMANIA	17-Apr	BC
2130	11835f	SIBC	SOLOMON IS	5-Apr	BC
2353	9545f	SIBC	SOLOMON IS	28-Mar	SMF

SHORTWAVE REPORT

Editor

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Tauranga

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ARMENIA

Trans World Radio India via Yerevan on April 23 very good reception
1315-1420 on 11590 ERV 300 kW / 100 deg to SoAs various Indian langs, incl. Hindi &
1420-1424 on 11590 ERV 300 kW / 100 deg to SoAs English Mon-Fri; 1415-1445 Sat/Sun
From the beginning of A-20 no time and frequency announcements of English program! (Via
Bulgaria DX Blog)

BRAZIL

A-20 Active Brazilian Stations on SW in frequency order, all in Portuguese:

2000-1100 on	2380	LMR .25 kW / non-dir to BRA	Radio Educadora de Limeira
0700-0300 on	3365	ARQ 001 kW / non-dir to BRA	Radio Cultura de Araraquara
0000-2400 on	3375	CAC 001 kW / non-dir to BRA	R.Municipal SG da Cachoeira
0900-2400 on	4775	CGS 001 kW / non-dir to BRA	Radio Congonhas
0900-0300 on	4785	CMS 010 kW / non-dir to BRA	Radio Caiari
0930-0100 on	4805	MNA 010 kW / non-dir to BRA	Radio Difusora do Amazonas
0800-0400 on	4815	LON 010 kW / non-dir to BRA	Radio Difusora de Londrina
0800-0200 on	4845	MNA 005 kW / non-dir to BRA	Radio Cultura de Manaus
0800-0200 on	4845	CAC 001 kW / non-dir to BRA	Radio Meteorologia Paulista
1000-0300 on	4865	CRZ 005 kW / non-dir to BRA	Radio Verdes Florestas
0000-2400 on	4865	LON 005 kW / non-dir to BRA	Radio Alvorada de Londrina
0800-0400 on	4875	BOA 010 kW / non-dir to BRA	Radio Roraima
0000-2400 on	4885	BLM 005 kW / non-dir to BRA	Radio Clube Do Para
0000-2400 on	4895	CGR 010 kW / non-dir to BRA	Radio Novo Tempo
0730-0300 on	4905	RIO 005 kW / non-dir to BRA	Radio Relogio Rio de Janeiro
0900-0400 on	4915	GOI 010 kW / non-dir to BRA	Radio Daqui
0000-2400 on	4915	MCP 010 kW / non-dir to BRA	Radio Difusora de Macapa
1030-0300 on	4925	TEF 005 kW / non-dir to BRA	Radio Educaçao Rural
2200-0200 on	4965	PRS 005 kW / non-dir to BRA	Radio Alvorada De Parintins
0000-2400 on	4985	GOI 010 kW / non-dir to BRA	Radio Brasil Central
0000-2400 on	5015	CBA 001 kW / non-dir to BRA	Radio Cultura De Cuiabá
0900-0100 on	5035	CAI 005 kW / non-dir to BRA	Rádio Educaçao Rural
0830-0400 on	5035	APA 010 kW / non-dir to BRA	Radio Aparecida
2100-0800 on	5940v	CAB 0.5 kW / non-dir to BRA	Radio Voz Missionaria
0300-1000 on	5965v	CAB 7.5 kW / 060 deg to BRA	Radio Transmundial
0000-2400 on	5970v	BEL 010 kW / non-dir to BRA	Radio Itatiaia
0000-2400 on	5970	SA3 010 kW / non-dir to BRA	Scala FM 94.9 Sao Paulo
0700-0300 on	6000	PTA 010 kW / 307 deg to BRA	Radio Guaiba
0900-0600 on	6010	BEL 005 kW / 122 deg to BRA	Radio Inconfidencia

0900-0400 on	6020	PTA 010 kW / 310 deg to BRA	Radio Gaucha
0000-2400 on	6040v	CUR 010 kW / 020 deg to BRA	Radio Evangelizar
0000-2400 on	6060	CUR 015 kW / 330 deg to BRA	SRDA Super Radio Deus e Amor
0000-2400 on	6080	GOI 010 kW / 360 deg to BRA	Radio Marumby
0000-2400 on	6090	SA1 010 kW / 340 deg to BRA	Radio Bandeirantes
0930-0130 on	6105	FDI 005 kW / 176 deg to BRA	Radio Filadelfia
1100-0900 on	6120	SA2 010 kW / 340 deg to BRA	SRDA Super Radio Deus e Amor
0000-2400 on	6135v	APA 025 kW / 030 deg to BRA	Radio Aparecida
1000-2100 on	6160v	MNA 010 kW / 070 deg to BRA	Radio Rio Mar
0000-2400 on	6160v	PTA 010 kW / non-dir to BRA	Radio Legião da Boa Bontade
0000-2400 on	6180	BRA 250 kW / 344 deg to BRA	Radio Nacional da Amazonia
0700-0100 on	9515	CUR 010 kW / 310 deg to BRA	Radio Marumby
0700-0100 on	9530	CAI 010 kW / 060 deg to BRA	Radio Transmundial
0000-2400 on	9550	PTA 010 kW / non-dir to BRA	Radio Legião da Boa Bontade
2000-2400 on	9565	CUR 020 kW / 045 deg to BRA	SRDA Super Radio Deus e Amor
0700-0200 on	9585	SA3 010 kW / non-dir to BRA	SRDA Super Radio Deus e Amor
0000-2400 on	9630v	APA 010 kW / 060 deg to BRA	Radio Aparecida
0000-2400 on	9645v	SA4 7.5 kW / 030 deg to BRA	Radio Bandeirantes
0000-2400 on	9665v	CAB 010 kW / 030 deg to BRA	Radio Voz Missionaria
0000-2400 on	9675	CRP 010 kW / 020 deg to BRA	Rádio Canção Nova
1000-2100 on	9695	MNA 7.5 kW / 070 deg to BRA	Radio Rio Mar
0000-2400 on	9725v	CUR 010 kW / 020 deg to BRA	Radio Evangelizar
0000-2400 on	9819v	SA5 010 kW / non-dir to BRA	Radio 9 de Julho
0000-2400 on	11765v	CUR 010 kW / 020 deg to BRA	SRDA Super Radio Deus e Amor
2300-0800 on	11780	BRA 250 kW / 360 deg to BRA	Radio Nacional da Amazonia
0000-2400 on	11815	GOI 7.5 kW / 360 deg to BRA	Radio Brasil Central
0000-2400 on	11855v	APA 001 kW / 060 deg to BRA	Radio Aparecida
0700-0200 on	11895	PTA 010 kW / 336 deg to BRA	Radio Legião da Boa Vontade
0900-0400 on	11915	PTA 010 kW / 310 deg to BRA	Radio Gaucha
0000-2400 on	11925v	SA6 010 kW / 202 deg to BRA	Radio Bandeirantes
0000-2400 on	11935v	CUR 010 kW / 020 deg to BRA	Radio Evangelizar
0000-2400 on	15190v	BEL 005 kW / 122 deg to BRA	Radio Inconfidencia

(Via Bulgarian DX Blog with special thanks to Daniel Wyllyans, Brasil for his wonderful help. Saturday March 28 2020)

CUBA

A-20 schedule of Radio Habana. English broadcasts start/updates of 28 April 2020 til 25 Oct 2020.

0000-0600	6000	QVC 250 010 ENAm	0000-0700	6145	BAU 100 340 WNAm
0500-0600	6060	BAU 100 010 ENAm	0500-0700	6100	BAU 100 310 WNAm
0500-0600	5040	BAU 100 n-d Cuba	1900-2000	15140	BAU 100 340 WNAm
2300-2330	5040	BAU 100 n-d Cuba Mon-Sat	2330-2400	5040	BAU 100 n-d Cuba daily

Transmitter sites: BAU Bauta 6 x 100 kW units. BEJ Bejucal 50, 100 kW (combined 50 kW units) QVC Titan-Quivicán San Felipe 5 x 250 kW units.

Radio Rebelde 0000-2400 5025 BAU 100 non-dir to Ce&SoAm Spanish
 Radio Progreso 0030-0400 4765 BEJ 050 non-dir to Cuba Caribbean Spanish

(RHC of April 28, 2020, traced by monitoring April 28/29/30 gh/wb via wb df5sx, wwdxc BC-DX TopNews April 28-30)

[Full schedule of RHC broadcasts listed in TopNews 1st May2020 . Editor]

DENMARK

After four unsuccessful attempts over the last couple of months today Radio208 finally began broadcasting on shortwave on 5805 kHz. The American built 250 Watts transmitter for 5805 kHz blew up three times in the process. Then a new British built 250 Watt transmitter was purchased, but it turned out that the maximum power it could radiate was 164 Watt. However it's a fine transmitter, so this transmitter has now successfully been put into operation – running about 75 Watts at present; will be increased to 150 Watts later.

The transmitter site is Hvidovre, a suburb of Copenhagen and the aerial is a dipole.

This is the first time for more than 30 years that shortwave broadcasting is being carried out from Copenhagen. Radio Denmark ceased broadcasting from its Herstedvester site on in February 1990.

Both transmitters (1440 and 5805 kHz) are running 24/7.(Via Stig Hartvig Nielsen www.radio208.dk)

FRANCE

BRB Denge Welat reception via Issoudun, April 28:

0230-0500 on 9525 ISS 250 kW / 090 deg to WeAs Kurdish, very good

0500-0600 on 11530 ISS 250 kW / 090 deg to WeAs Kurdish, very good

(Via swldxbulgaria.blogspot.com/2020/04)

GERMANY

DWD Deutscher Wetterdienst in 49mb reception on May 1

0600-0630 on 5905 PIN 010 kW / non-dir to CeEu German AM mode, fair

0600-0630 on 6180 PIN 010 kW / non-dir to CeEu German AM mode, good

(Via swldbxbulgaria.blogspot 2020/05)

NHK World Radio Japan via MBR Issoudun on April 29

0600-0630 on 11975 ISS 500 kW / 140 deg to NoAf Arabic, including 0602-0610 on 11975 ISS

500 kW / 140 deg to NoAf English nx Bulletin (Via swldxbulgaria.blogspot.com/2020/04)

Channel 292 is registered 75mb / 3955 kHz in HFCC..

0600-2000 on 3955 ROB 010 kW / non-dir to CeEu, from May 1 2100-0500 on 3955 ROB 010 kW / non-dir to CeEu,

Planned test transmissions of Channel 292 in 75mb 3955 kHz: from May 1 (Via swldxbulgaria.blogspot 2020/05)

Bible Voice Broadcasting BVB via MBR Nauen, Reception May 1

0501-0516 on 9735 NAU 250 kW / 120 deg to N/ME Arabic/English Fri, very good

(Via swldxblogspot .com)

Mighty KBC Radio frequency change from 49 to 31mb from May 3:
0000-0200 NF 9925 NAU 125 kW / 300 deg to ENAm English Sun till Aug.30,ex 5960
0000-0200 on 5960 NAU 125 kW / 300 deg to ENAm English Sun from Sept.6 in 49mb
(Via Bulgarian blog 02/05)

INDONESIA

Summer A-20 schedule of Voice of Indonesia:
1000-1100 on 3325 PAL 050 kW / non-dir to SEAs English
1100-1200 on 3325 PAL 050 kW / non-dir to SEAs Chinese
1200-1300 on 3325 PAL 050 kW / non-dir to SEAs Japanese
1300-1400 on 3325 PAL 050 kW / non-dir to SEAs English
1400-1500 on 3325 PAL 050 kW / non-dir to SEAs Indonesian
1500-1600 on 3325 PAL 050 kW / non-dir to SEAs Dutch
1600-1700 on 3325 PAL 050 kW / non-dir to SEAs Arabic
1700-1800 on 3325 PAL 050 kW / non-dir to SEAs Spanish
1800-1900 on 3325 PAL 050 kW / non-dir to SEAs German
1900-2000 on 3325 PAL 050 kW / non-dir to SEAs English
2000-2100 on 3325 PAL 050 kW / non-dir to SEAs French
(Via Bulgarian SW Blog 28 March 2020)

KUWAIT

Reception of MOI Radio Kuwait General Service in 19mb, April 30
0500-0800 on 15530 KBD 250 kW / 310 deg to WeEu Arabic GS, good signal
(Via swldxbulgaria.blogspot.com/2020/04)

LIBERIA

6050. Apr 26, 2020. 1931-1948, ELWA Radio, Monrovia-LBR, in English. Man and woman talk with nice enthusiasm and a musical background. Poor reception. (Via HCDX> JRX_José Ronaldo Xavier Cabedelo, Brazil.) [Have checked on league sdr several mornings, very faint signal noted between 1830 till after 1900 utc. Editor]

MALI

RTV Du Mali 5995. Apr 27, 2020. 2028-2045, in Bambara. Local song; 2030 ID by man voice; 2031 Woman announcer presents news. Fair reception. Today, this time, all in bambara language! (Via JRX_José Ronaldo Xavier Cabedelo, Brazil HCDX)

MYANMAR

Myanmar Radio Yegu, 5985kHz April 19, at 1156 UT. Stronger than usual signal; Happy Birthday wishes followed by unique song in both vernacular and English (“Happy Birthday ... I love you ... I need you”); COVID-19 PSA in vernacular.
(Via Ron Howard-CA-USA, via wwdxc BC-DX TopNews April 19)

PHILIPPINES

FEBC Radio / Radio Liangyou reception in 25mb on April 27
1300-1400 on 11600 BOC 100 kW / 305 deg to CeAs Hui zu/Yunnan, fair Signal
(Via swldxbulgaria.blogspot.com/2020/04)

TAJIKISTAN

Bible Voice Broadcasting Weak/fair signal via Dushanbe, April 291300-1330 on 11550 DB
100 kW / 071 deg to EaAs English Mon-Wed Living the Bible: (Via swldxbulgaria.blogspot.com/2020/04)

Radio Free Asia. Reception via Dushanbe, April 28 till 1230 on 9370 LAM 100 kW / 104
deg to WeAs Farsi R.Farda, very good, 1230-1330 on 9370 DB 200 kW / 125 deg to SEAs
Burmese RFA, weak to fair. (Via swldxbulgaria.blogspot.com/2020/04)

UNITED ARAB EMIRATES

NHK World Radio Japan, via Al Dhabbiya, 13865kHz Indonesian, 27/04 1338. Male & female
communication. 15321 (RG). Tx w/105° Az to Southeastern Asia.
(Via HCDX Rudolf Grimm São Bernardo SP, BRAZIL)

USA

EWTN WEWN-1 Global Catholic Radio in 31mb, April 27 reception 0000-0900 on 9385 EWN
250 kW / 085 deg to WeAf English, weak to Fair: (Via swldxbulgaria.blogspot.com/2020/04)

World's Last Chance Radio New language sce of via WBCQ-6 is FRENCH 0800-0857 on
9330 BCQ 500 kW / 076 deg to FRAN French, new on shortwave
0600-0755 on 9330 BCQ 250 kW / 280 deg to WNA English, ex 0600-0855UTC
Updated schedule of World's Last Chance Radio via WBCQ-6 Plus World's Last Chance
Radio (via ENC-DMS Woofferton: swldxbulgaria.blogspot.com/2020/04)

SHORTWAVE NEWS

RUSSIA

Russia has resumed Digital Radio Mondiale broadcasts on shortwave. The country originally
aired the Voice of Russia via DRM a few years ago. The new service is tentatively called
Radio Purga ("Radio Blizzard"). The target area is the Chukotka region of the Russian Far
East. Analog shortwave transmissions once served the area, but those ended in the early
2000s when the broadcaster left analog shortwave.

Chukotka is vast and the target audience only numbers a few thousand. Thus, shortwave
is the only practical way to reach the population. The transmitter site, Komsomolsk Amur,
used to broadcast Voice of Russia's analog programming and is now being used for the
DRM program. The new service is a joint project between the government in Chukotka and
the Far Eastern regional center of the Russian Television and Radio Broadcasting Network.
Using DRM for Radio Purga has several advantages over analog shortwave. Radio Purga
over DRM, for example, offers a static-free and higher fidelity signal. Studies have shown that

DRM is just as reliable as analog shortwave over this distance via single-hop transmission.

The broadcaster is considering transmitting two audio programs from a single DRM transmitter. This is something analog shortwave can't do. It's also planning on using DRM's ability to transmit short text message or a type of RSS feed (Journaline). DRM transmissions also use only a quarter of the power that analog transmissions do.

"We have in these remote places 2,000 residents who need to be provided with communications services ... the Northern Sea Route also requires attention," said Roman Kopin, the governor of Chukotka, last spring when the project was initiated, according to a Russian press report. In addition to mariners on the Northern Sea Route, the audience includes geologists, miners, reindeer herders and hunters.

Test transmissions started in August via different DRM modes and bandwidths to trial "hardware setup and determine signal acceptability," with the goal of covering over 95% of the area. Programming consists of a music loop and has been heard as far away as the United States. As of press time the broadcaster was still carrying out transmission tests but regular programming is expected to begin sometime in the next few months.

One of shortwave's greatest strengths has always been its ability to communicate to hard-to-reach locations. Radio Purga's audience is spread over an immense, remote region. The resumption of shortwave via DRM will provide the population with a communications lifeline in both audio andText. (Via drm-on-shortwave>Radio World. By_Hans_Johnson FL-USA (via Mike Terry-UK, BrDXC-UK 8)

SOMALIA

Warsan Radio 7750 kHz.Now hearing Warsan Radio at 1820 UT April 16 on 7750 kHz in USB from Kiwircvr in Bay of Islands NZ (NZRDXL receiver).and at the same time talking to Mr. Omar Hassan at Warsan Radio on WhatsApp who says his transmitter is 100 watts (if I understood him correctly) - apparently the transmitter is quite rudimentary as he was asking for technical help in improving the transmitter system. I was able to let him listen to his broadcast by holding my earphones up to the iPhone - now that's rudimentary!He was amazed and did not understand how I was hearing Warsan R. from New Zealand while living in Southern California. Their (or his) WhatsApp number in Somalia is +252 61 7414140.

(According to a WhatsApp text this morning from Warsan Radio staff, they are using an Icom IC-m700 maritime mobile radiotelephone transmitter, capable of running 150 watts but likely running less than that (100w or less). The antenna is "4 wires, each 9 meters, with a 20 meter cable" - not sure what that would look like - perhaps a 4-element beam with a 20m feed cable, or something less sophisticated, whatever it is, it works,with a consistent USB signal into Bay of Islands NZ on most days. (Via top News 20 April. Bruce Churchill-USA, wor April 16 &17)

Barnaamijka tartan aqooneedka
Waaberi (A) Isha (B)
Wareegii koowaad
Ramadan Group C Kaatum
www.warsanradio.com
call +252612550003

Radio Free Asia issues a new QSL card

With the postponement of the Tokyo Olympic games, a new RFA QSL card was required. Radio Free Asia (RFA) announces its sixth QSL card in the series highlighting USAGM transmitter sites used for RFA radio programming. Our programs also broadcast from these USAGM sites: Kuwait, Lampertheim, Saipan and Tinian.

USAGM Biblis is one function of the USAGM's Germany Station and is an integral part of USAGM's global satellite interconnect system (SIS) carrying RFA programming where needed. This is RFA's 73rd QSL card and confirms all valid RFA reception reports May – August.



The current RFA schedule (effective March 29 - October 25, 2020) is:

Burmese

0030-0130 UTC 12120 15110 15700
 1230-1330 UTC 7530 9370 11805
 1330-1400 UTC 7530 11805 12140
 1400-1430 UTC 7530 11805

Cantonese

1400-1500 *FNP

Khmer

1230-1330 UTC 9700 12140
 1430-1500 UTC 9355 12140
 2230-2330 UTC 9890 12140

Korean

1000-1100 UTC 1566
 1500-1700 UTC 1188 9850 9990 11985
 1700-1900 UTC 1188 9990 11985
 2100-2200 UTC 9540 11945 11985

Lao

0000-0100 UTC 9940
 1100-1200 UTC 15195

Mandarin

0300-0400 UTC 11570 11895 11985 17690
 0400-0500 UTC 11895 13750 17690 21505
 0500-0600 UTC 11895 17690 21690
 0600-0700 UTC 11895 13790 17690 17810

Mandarin

1500-1600 UTC 9940 11675 13810
 1600-1700 UTC 7540 11610 13570 13810
 1700-1800 UTC 9360 9970
 1800-1900 UTC 9360 9970 11745
 1900-2000 UTC 1557 9360 9720
 2000-2100 UTC 1557 6080 9360 9535
 2100-2200 UTC 1557 7435 9685
 2300-2400 UTC 9535 9720 15555

Tibetan

0100-0200 UTC 9370 9510 9705 11705 13765
 0200-0300 UTC 9370 11705 11745 13765 *FNP
 1000-1100 UTC 13800 15330 *FNP
 1100-1200 UTC 13580 15265 15470 17640
 1200-1300 UTC 11570 13580 15470 17690
 17720
 1300-1400 UTC 11570 13835 15275 15470
 17860
 1500-1600 UTC 9355 12110 *FNP
 2200-2300 UTC 7505 9380 *FNP
 2300-2400 UTC 5965 9555 9875

Uyghur

0100-0200 UTC 9350 9780 9800 11640
 11790
 1600-1700 UTC 9355 9480 11675 15700

*FNP = Frequency Not Promoted

BROADCAST NEWS

Editor

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CORONAVIRUS UNEXPECTEDLY IMPROVES DX

- NEW ZEALAND Impact of Covid-19 Pandemic on our local radio scene:
- NZME stopped broadcasting Radio Sport from 1pm on (30 March 2020). Radio Sport frequencies will now carry Newstalk ZB programming indefinitely.
- Village Radio Tauranga on 1368 noted off air by John Durham in late March. No great surprise as a big percentage of the staff would be in their 70s.
- Publication of the 'NZ Listener' ceases as the result of the closure of publishers Bauer Media. The Listener has been associated with NZ broadcasting since 1939.
- The TAB announced on 9 April that the radio simulcast broadcast of Trackside TV on the AM and FM frequencies would be suspended from midnight Sunday 12 April until further notice. The simulcast will continue on Trackside Radio (digital) and will be available on the TAB website, TAB app and via the Rova app.(Mike Smith) Checking Trackside frequencies, as at 26 April, all transmitters except 990, 1071,1242, 1485 and 1548 appeared to have been turned off, but the question is for how long? (Steven Greenyer , David Kaio & BC) Simon Hill advises that horse racing could resume on 11 May, so DX those vacant channels while you can! (BC)
- As part of a NZ\$50 million support package announced by the Government on 23 April, broadcasters won't have to pay transmission fees for the next 6 months. This will save MediaWorks in the order of \$6 million (radio & TV operations) and NZME (radio) at least \$2 million. (BC)
- Radio Tarana, Auckland on 1386 verified by full data QSL letter in 138 days. V/S: Robert Khan, Chief Executive Officer. The report was sent to P. O. Box 5956, Wellesley Street, Auckland 1141, New Zealand. (Harumasa Yoki, Japan via DX Fanzine 79 Mar20)

ALASKA

- 840 KPEN Kenai granted modification of new station CP to U1 5kw/1.9kw. (NRC)
- 850 KICY Nome granted STA, U10 25000/25000, to save on energy costs due to financial problems exacerbated by COVID-19; normally the FCC rejects STA applications where the station can technically operate as per license, but made an exception here due to the COVID-19 national emergency declaration. (NRC)

ARGENTINA (Items from Finnish DX Club's Radiomaailma 2/20)

- 590 LS4 Radio Continental has moved to Calle Gorriti 5995, Barrio de Palermo, CA de Buenos Aires, the old Radio El Mundo office. (Argentina en AM y FM)
- 600 LU5 Radio Neuquen, Neuquen (NE04) retransmits Cadena 3 (101.3 MHz) 0300 – 0900. (Claudio Galaz via HCDX via WOR)
- 850 AM 850 La Radio, Morón (BA182) is ex Radio La Gauchita. (Argentina en AM y FM)
- 980 LU37 Radio 37, General Pico, known before as Radio General Pico. This name was heard at least once on 1330. Announced web www.radio37.com.ar. 18/2. (LEM430)

- 1020 LT10 Radio Universidad del Litoral, Santa Fe (SF03)
E: publicidad@radiounl.com.ar (Argentina en AM y FM)
- 1160 LRH253 Radio Cataratas, Puerto Iguazú (MS04) – retransmit CNN from 950 CNN Buenos Aires. (Argentina en AM y FM)
- 1220 Eco Radio, CA de Buenos Aires (CF16) has tx problems. (Argentina en AM y FM)
- 1260 LT14 Radio Nacional General Urquiza (ER02) ex. R. General Urquiza
web: radionacional.com.ar/lt14-parana/ (ConDig)
- 1520 LT38 Radio Gualeguay (ER08) – Addr. Presidente Hipólito Yrigoyen 322, 2840 Gualeguay. Tel 3444 42 3038. (Argentina en AM y FM)
- 1520 Radio Palabra de Vida – new station. Addr. Calle Octavio Massotti 5850 de la localidad de Virrey del Pino, Partido de La Matanza, Provincia de Buenos Aires. Tel 2202 49 8792. W: facebook.com/iglesia.palabradevida.39 (Argentina en AM y FM)
- 1570 R. Regional, Luis Palacios (SF22) – ex. R Alegría Regional. Addr. Avenida San Martin 710, 2142 Luis Palacios. W: <http://portaldelaregion.com/> (Arg. en AM y FM)
- 1580 R 26 de Julio, Longchamps (BA135) – Addr. Francisco Beiró 567, Glew, Almirante Brown, Provincia de Buenos Aires. (Argentina en AM y FM)

The following Argentine stations are reported as inactive: 970 R Génesis, CA de Buenos Aires. 1180 LRI230 R de la Sierra, Tandil - transmitter stolen. 1200 La Radio del Chamama, Morón. 1230 R Claridad, Monte Grande - transmitter damaged. 1240 R Cadena Uno, CA de Buenos Aires. 1250 R Estirpe Nacional, San Justo. 1280 El Sonido de la Gente, Gregorio de Laferrere. 1400 R Carandá, Gregorio de Laferrere. (Argentina en AM y FM via Finnish DX Club's Radiomaailma 2/20)

LU14, Radio Provincia de Santa Cruz, Rio Gallegos in Patagonia is being heard in Europe on the low side of 830kHz. Alessandro Gropazzi in Trieste heard it on 23 April on 829.975. Paul Crankshaw in Scotland and Rocco Cotroneo in Italy heard it around 0500 UTC on 26 April on 829.972, so a possible target for us in NZ! (via Real DX io Group).

AUSTRALIA

SenTrack 1575 at Wollongong station is only heard daytimes at present. (Todd Emslie via ICDX-AM IO Group) SEN programming commenced 23 April on 801kHz – Gosford, identifying as 'SEN Track'. (Ian Baxter via MWMasts io Group)

BRAZIL

- 550 ZYI907 R Igaracu, Parnaíba (PI22) – ex. R Globo. W: radioigaraçu.com.br (web)
- 650 ZYL309 R Veradas, Unai (MG85) – ex. R Globo (web)
- 670 ZYH402 R Jovem Pan, Macapá (AP02) – ex. R Globo. Addr. Rua Eliézer Levy 684, Julião Ramos, 6890-1016 Macapá. W: jovempan.com.br/afiliada/macapa-news (web)
- 790 ZYK546 R Cultura de Araraquara (SP49) – migrated to FM on 31 January. (Rudolf Grimm)
- 830 ZYJ266 Londrina (PR24) – ex. CBN – migrated to FM (web)
- 960 ZYJ257 R Mais, Maringá (PR32) – ex. R Globo. W: radiomais.am.br/
E: oppec@gruporadiomais.com.br (web)
- 970 ZYL285 R São João del Rei, São João del Rei (MG46) – still active on MW. W: radiosaojoaodelrei.com.br E: radiosaojoaodelrei@hotmail.com (Rudolf Grimm)
- 1010 ZYL264 Juiz de Fora (MG48) – ex. CBN – migrated to FM (web)
- 1100 ZYK694 R Globo, São Paulo (SP100) left MW at midnight 11Feb. (Rudolf Grimm)
- 1160 ZYJ258 R Norte, Londrina (PR56). Ref. MVE 60-11 ex. R Globo.

- W: radionortelondrina.com.br/ (web/Rudolf Grimm/Dan Goldfarb)
 1240 ZYL303 R Platina, Ituiutaba (MG72) – ex. R Globo. Tel 34 3271 7430
 W: platinaam.com.br/ E: redacao@sistemacancella.com.br (web)
 1270 ZYL240 Ipatinga (MG155) – ex. R Globo – migrated to FM (web)
 1300 ZYK762 R Real AM 1300, São Carlos (SP226) – ex. R Globo.
 W: portalrealidade.com.br/ (Web)
 1310 ZYJ684 Porto Velho (RO17) – ex. CBN – migrated to FM (web)
 1390 ZYK570 R Cultura, Campinas (SP153) – ex. CBN (web)
 1400 ZYJ256 R Sou Gospel, Londrina (PR84) – ex. R Globo.
 W: facebook.com/SouGospelAM/ (web)
 1410 ZYK683 R Jovem Pan News, Rio Claro (SP264) – ex. R Excelsior. (Rudolf Grimm)
 1440 ZYK572 R Bandeirantes observed via R Azul Celeste (SP218) (Rudolf Grimm)
 1460 ZYN615 Costa Rica (MS56) – ex. R Globo – migrated to FM (web)
 1500 ZYK549 R Cidade das Árvores, Araras (SP184) – ex. R Fraternidade.
 W: radiocidadedearvores.com.br/ E:comercial@radiocidadededaarvores.com.br
 Addr. Av Guerino Turatti, no 200, Distrito Industrial III –13602-101 Araras (Rudolf
 Grimm & web)
 1540 ZYJ723 R Transmundial observed via R Difusora Oeste, Osasco (SP197) (Rudolf
 Grimm São Bernardo)
 1590 ZYN207 Lambari (MG193) – ex. R Globo – no new station name observed (web)
 (via Finnish DX Club's Radiomaailma 2/20)

CANADA (via IRCA DX Monitor and Jon Pearkins IRCA)

- 600 CFQR Montreal QC returned to the air on or before 19Feb after lengthy repairs to windstorm damage. Still running an automated music playlist, rather than the planned English News/Talk programming.
 600 CKSP Vancouver BC plans to begin testing before the end of April. Initial tests will be unscheduled, and some may be non-directional with lower power. This precedes the formal Test Period, which consists of several weeks of continuous operation with 50KW day/20KW night using the approved directional pattern sharing two of CKNW's four towers in Cloverdale.
 690 CBOI Ear Falls ON CRTS granted a one year extension, to February 2021, for the move to FM. The delay was caused by the diversion of the new FM transmitter to CBQP-FM Pickle Lake, where the existing transmitter was destroyed by fire. Note that this 40 watt LPRT of CBC Radio One's CBQT-FM Thunder Bay is not listed in the latest NRC AM Radio Log.
 930 CFBC Saint John NB approved to go non-directional, reducing power from 50KW full-time to 2KW day and 150 watts night.
 940 CFNV Montreal QC returned to the air 24 Feb after lengthy repairs to windstorm damage. Still running an automated music playlist, rather than the planned French News/Talk/Oldies programming.
 980 CKNW New Westminster BC Engineering work to share towers at Cloverdale transmitter site with not yet on-air CKSP-600 Vancouver has CKNW temporarily 10KW non-directional at same site, except 500-1000 watts after 2200 some evenings from auxiliary transmitter site on top of studios in Downtown Vancouver.
 1210 VOAR Mount Pearl NL went off the air on 10 January after move to FM.
 1220 CFAJ St Catharines ON began testing on or before 10Feb, playing oldies with minimal Canadian Content, which is permitted during Testing period. Initial signal appeared to be non-directional at reduced power, perhaps 1KW.
 1280 CJRU Toronto ON will continue to share CHHA-1610's tower even if CHHA's power

increase (see below) is approved. CJRU is 99 watts full-time with a license that requires it to find a new frequency if requested by the CRTC to make way for another higher-powered station.

- 1380 CKPC Brantford ON - CRTC granted permission 10 Feb to swap formats with CFWC-FM, changing CKPC's format from Country to modern Christian music.
- 1420 CKDY Digby NS approved to temporarily operate on 99.7 MHz with 50 watts to give the station time to submit an application to the CRTC to convert the AM license to an FM license. CKDY-AM has been off the air since 26 February when a copper and computer theft occurred, and some of the replacement parts were not easily obtainable.
- 1450 CHMO Moosonee ON CHMO has had license deleted.

CKMX Calgary AB 1060 verified by Harold Sellers, QSL Manager; qslcalgary@gmail.com; by email in 1 day (Martin Foltz via IRCA)

CHILE

- 1350 CA135 Radio Riquelme, Coquimbo (CO06) is active.
- 1440 CA144 Tu Radio Popular, La Serena (CO07) – ex. R Coquimbo Stereo. (Miguel Campos in Radioescucha de la onda media desde Chile via Finnish DX Club's Radiomailma 2/20)

COLOMBIA

- 630 HJFD Radio Manizales, Manizales will cease operation in February 2020. (Rafael Rodríguez via Mauno Ritola, ARC)
- 1430 HCPW Radio Ya, Barranquilla, new name, ex Colmundo Radio. (Rafael Rodríguez via Mauno Ritola, ARC)

Here you can find the correct data about Radio Maria Colombia broadcast on Medium Wave, thanks to Radio Maria World Family:

- 1220 10 kW Bogotá Radio Maria
- 1260 5 kW Cali Radio Maria
- 1320 5 kW Medellín Radio Maria
- 1390 1 kW Bucaramanga (Arrendada/in leasing)
- 1450 1 kW Urrao Radio Maria
- 1460 5 kW Turbo Radio Maria
- 1500 5 kW Manizales Radio Maria
- 1570 1 kW Machetá Radio Comunitaria
- 1580 5 kW Barranquilla Radio Maria

Radio Maria is also broadcasting on 920 in Ibagué, as reported by Italian DXer Rocco Cotroneo. (AIR Radiorama via Giampiero Bernardini 16.2.2020 via Thomas Nilsson)

Some excellent resources on Colombian radio at the Ministry of Technology website. This first link www.mintic.gov.co/portal/maparadio/631/w3-channel.html brings up a search page for AM and FM stations. You can search for stations by location or frequency and the results will appear on the adjoining map. At the bottom is a green arrow with the caption "Descargar base de datos completa en excel" which will download a list of all AM and FM stations in Colombia as of November 1 2018.

https://mintic.gov.co/portal/604/articles-9214_archivo_consolidado.xlsx brings up a similar archival spreadsheet dated November 21 2016.

The following links are lists dated May 2, 2015, for the Caribbean, Pacific, and Andean

regions. I was not able to locate 2015 lists for the Amazon and Orinoco regions.

www.mintic.gov.co/portal/604/articles-9214_canales_caribe.xls

www.mintic.gov.co/portal/604/articles-9214_canales_pacifico.xls

www.mintic.gov.co/portal/604/articles-9214_canales_andina.xls

Technical plan and specifications for MW & SW: www.mintic.gov.co/portal/604/articles62446_plan_tecnico_nacional_radiodifusion_sonora_am_actualizado_abril_2019.pdf

Beginning on page 26 there is a by-department list of assigned and projected MW frequencies. This may be useful if new stations come on the air. (Don Moore, in Colombia en route to Cuenca, Ecuador, via Arctic via IRCA)

CUBA

American DXers have been hearing Radio Rebelde 710 off-frequency recently, putting a massive heterodyne whine against 710. Steven Wiseblood in Texas measured Rebelde on 710.5 in early April, but notes they were back on nominal 710 on 15 April. Glenn Hauser had a het on 710 again on 20 April, so keep an ear on this. (BC with reports in Glenn hauser's WOR IO Group)

HAWAII (items from National Radio Club's 'DX News' bulletin)

550 KNUI Wailuku went silent on 30 March; due COVID-19 financial issues.

850 KHLO Hilo granted STA extension with reduced power (using U1 1700/1700)

JORDAN

Radio Jordan has stopped using 855 khz in Amman, now 612 is the only remaining MW frequency in this country. (Alexei, Israel via Ydun's Medium Wave Info 22Feb via ARC's MV Eko)

MEXICO

XEFQ 980 confirmed that they have turned off their AM, having finished migrating to 103.1 FM. I contacted them after not finding XEFQ on my October 2019 Border Inn recordings. I suspect the AM was turned off between July and October 2019. (Tim Hall via NRC)

The radio signal from XEQR-AM 1030 KHz has returned in the Mexican capital, 35 months after it was turned off, in May 2017, due to the impossibility of finding land with adequate technical conditions for the transmission of modulated amplitude (AM) over the densely populated City of Mexico. The return of the 1030 to the air of the CDMX occurs after 3 attempts of its concessionaire, the company XEQR, S.A. de C.V. and subsidiary of Grupo Radio Centro (GRC), for finding a suitable space for the antenna. The company has now found space in the mayor's office of Iztapalapa to mount the 1030 AM antenna there and got the authorization from the Federal Telecommunications Institute (IFT) on March 21, 2019, with extendable deadlines that allowed them to return to air in April 2020. 1030 is on the air, but irregularly. It is unclear whether the signal will continue to be under the direct control of Grupo Radio Centro, before the precedent announced by the company in 2019 to dispose of non-strategic assets to generate financial liquidity, hence in the last year GRC decided to sell a station located in Los Angeles, California, which reported too many liabilities, the leasing of XEJP-AM 1150 to Grupo Acustik and the definitive transfer of XEEST-AM 1440 to Grupo Siete, historical partner of Radio Centro in the operation of another FM signal. At the same time, Radio Centro managed to arrange for another subsidiary XERC-AM 790 KHz, to be hosted on the 1220 AM tower, by agreement with the Mexican Radio Institute (IMER). (El Economista via Nicolás Lucas via GRA blog and Glenn Hauser in his WOR io Group)
I am QSL Manager of XEG Radio 1050 KHz in Monterrey. I want to announce you that the

QSL cards and letters are ready to be printed and mailed!!!! Please stay tune and send your reception report to: xegqsl@gmail.com and for a printed card write to:
Reception reports, Calle Patoni 104 Sur, Durango Durango, CP 34000, Mexico
Please include 2 USD or 1 IRC for postal fees. Thank you and we are waiting your reports!
(Luis Alejandro Vallebuena via WRTH Facebook page)

NORTH AFRICA/MIDDLE EAST

The following off-frequency stations heard on 22 March were reported to National Radio Club's 'DX News' bulletin by Bruce Conti in New Hampshire USA:

- 595.9 MOROCCO SNRT Oujda – Steady s5 signal at 0300 on 22 March, loud het against 594 Saudi Arabia.
- 1467.38 IRAN IRIB Radio Qom, Alborz MAR 22 0100 – Het against presumed 1467 Saudi Arabia; measured 1467.378 kHz. (cf. last month's trail and my reception on 23 March varying to 1467.377. BC)
- 1476.26 IRAN IRIB Radio Kordestan, Marivan MAR 22 0100 – Het against unID 1476.007 kHz; measured 1476.260 kHz. [I checked for myself on 9 April and sure enough, a heterodyne on 1476 from a visible carrier on 1476.262! BC]

PERU (items from Finnish DX Club's Radiomaailma 2/20)

- 880 OBZ4N Radio Unión, Lima (LM16) – Alfredo Cañote in Lima confirms that R Unión AM has sold 90% of air-time to IPDA.
- 1050 OAZ7Q Radio Cielo, Juliaca (PU13) – ex Radio Noticias. W: radiocielo.pu (web)
- 1130 OBU6Q Radio Cielo, Moquegua (MO09) – ex R OBU6Q. W: radiocielo.pu (web)
- 1270 OBU6N Radio Cielo, Tacna (TC21) – ex Radio OBU6B. W: radiocielo.pu (web)
- 1300 OAX3O Radio Cielo, Huaraz (AN13) – ex Radio Huascarán. W: radiocielo.pu (web)
- 1360 OBZ1A Radio Cielo, Piura (PI25) – ex Radio del Norte. W: radiocielo.pu (web)

PORTUGAL

Antena 1, Castanheira do Ribatejo 666 is experiencing troubled times from at least July 2019. The signal from the 180m monopole (in excess of 200m when it was first erected and served 665, then 666, and 719, then 720) has been considerably weak in terms of both carrier and I'd say audio too. The times when the old, original, 135 kW Brown Boveri Co transmitters were used are long gone for the RDP replaced them with two 10 kW units (USA made Harris and Canadian made Nautel), not to be used in parallel, but to have one thereof standing by. The only reason why the RDP, then RTP chose to use just 10 kW as the maximum power level in the sites where 135 and 100 kW were previously used is purely economic as it simply reduces the electricity bill. Not long ago, the Harris unit was put aside due to old age and lack of parts, so only the Nautel was being used... until another strike hit the monopole and severely damaged parts of the transmitter. Logically, this demands repair and/or replacement of the unit, but the RTP admin chose to remedy the situation in a "phenomenal" way, which meant taking an aged 10 kW transmitter from the Meia Légua site (Faro, Algarve) and installed it at Cast.^a do Ribatejo. This particular transmitter was not in its best due to old age, and was idle when they decided to fetch it because the Meia Légua site was off the air for quite some time due to unwanted visitors looking for copper..And, yes, the admin didn't want to "waste" funds to put into service again. Given the state of the Meia Légua transmitter, it's not even at a reduced power of 4 kW, but at 2 kW, let alone the nominal 10!

(Carlos Goncalves mediumwave.info 13/3-2020 via IRCA DX Monitor)

PUERTO RICO (items from National Radio Club's 'DX News' bulletin)

- 580 WKAQ San Juan applies to extend STA, U1 10000/4500.
- 1300 WTIL Mayagüez granted STA extension, U1 1000/1000 from CP site.
- 1430 WNEL Caguas applies to extend STA, U1 2300/2300, shortened tower.

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

- 570 WTBN Pinellas Park FL applies to extend STA, U1 1250/1250.
- 570 WNAX Yankton SD applies to extend STA, U1 5000/1250.
- 760 KFMB San Diego CA – Slogan to "760 AM", networks to A/WW1/P/RER
- 790 WQXI Atlanta GA adds // W244EI-96.7. (FCC)
- 790 KJRB Spokane WA applies for license to cover CP for U1 4400/34, adjust coordinates to 47-30-08/117-23-07.
- 830 WCRN Worcester MA granted STA extension, U4 18.9kw days/50kw nights, with night pattern antenna 24 hours.
- 910 WUBR Baton Rouge LA format to SS:MEX (ex-Sport); slogan to "Power 910."
- 920 WEZZ Brantley AL had call change to WXKD on 13 March.
- 1010 KIHU Tooele UT granted STA, U1 50000/48.5 (CH 10500), earthquake damage.
- 1080 WQOS Coral Gables FL applies to extend STA, U4 50000/20000, Cuba QRM.
- 1230 WEZO Augusta GA silent from 20 March; stolen car went off road, took out tower.
- 1250 KKDZ Seattle WA applies to extend STA, U1 5000/1250 from licensed day site.
- 1270 KTFI Twin Falls ID changed slogan to "Catholic Radio." (JP)
- 1340 KBNW Bend OR granted STA extension, U1 0.5kw nights, with 100-foot longwire antenna at 44-03-32/121-17-57.
- 1370 KTPA Prescott AR granted STA, D1 500, silent station needs to broadcast and when transmitter was turned on at full power, the exhaust fan was destroyed.
- 1390 KZGD Salem OR went silent 1 April due COVID-19 financial issues.
- 1400 WWTM Decatur AL change of slogan to "The Valley's Sports Leader".
- 1430 KZQZ Saint Louis MO license was cancelled 20 March; still on the air on 3 April.
- 1460 WQOP Jacksonville FL applies to extend STA, U2 5000/5000.
- 1470 KLCL Lake Charles LA applies to extend STA, reduced power (U1 3750/500).
- 1470 WXAG Athens GA – Format to UC:AC:OLD/TLK (ex-UC:AC).
- 1490 KFTK East Saint Louis IL license cancelled 20 March.
- 1510 KGA Spokane WA applies for license to cover CP for U1 50000/540 (CH 45000), adjusted coordinates 47-30-08/117-23-07.
- 1520 WBZW Apopka FL format change to Ethnic, new slogan 'Haitian Radio'. (JS)
- 1540 KXPA Bellevue WA applies to extend STA, U1 5000/1250.
- 1590 WTPA Saint Pete Beach FL back on-air w/ethnic format - "Haitian Radio". (JS)
- 1600 WKWF Key West FL went silent on 10 March for tower replacement.

USA (Items from International Radio Club of America's 'DX Monitor')

- 570 WNAX Yankton SD has new slogan: "WNAX Radio 570"
- 690 KPET Lamesa TX new slogan: "KPET 105.1 FM and 690 AM"
- 780 KKOH Reno NV verified by Daniel Appeloff, CE; 595 East Plumb Lane, Reno NV 89502 by prepared card in 14 days. (IRCA) Also a letter from Program Director Dan Mason, at same address. (Mike Sanburn CA)
- 920 KBAD Las Vegas NV callsign has changed to KRLV.
- 970 WDAY Fargo ND new slogan: "News Talk 970 WDAY"
- 1010 WTZA Atlanta GA format was Spanish contemporary Christian, now talk, slogan: "Talk Of Atlanta" but is currently silent
- 1110 WBT Charlotte NC has new slogan: "News Talk 1110 and 99.3 WBT"

- 1130 KXET Mount Angel OR is now silent
- 1210 KMIA Auburn-Federal Way WA is now silent
- 1230 KLVT Levelland TX has new slogan: "Let's Talk 1230 AM".
- 1270 KTFI Boise ID verified by prepared card & business card from Bill Teske, VP; PO ' Box 714, Boise ID 83701. Bill also verifies KGEM-1140 and KCID-1490.
- 1280 WIPC Lake Wales FL new slogan: "Radio Esperanza 96.9 FM and 1280 AM"
- 1280 KZFS Spokane WA format was country, now classic hip hop, old slogan: "Kix 99.3", new: "Hooptown 101.5".
- 1340 KRLV Las Vegas NV has changed call letters to KKGK.
- 1420 KMOG Payson AZ verified by email from Randy Roberson, News Dir and Program Host; randy@r2comms.com (Martin Foltz CA)
- 1430 WYKG Covington GA format now classic hip-hop, new slogan "105.5 FM / AM 1430 The King".
- 1490 WIEZ Decatur AL has new slogan "94.7 WIEZ – Favorites of the 60's 70's and 80's"
- 1600 KLEB Golden Meadow, LA has new slogan of "Rajun Cajun 102.7".

URUGUAY

Radiodifusion Nacional del Uruguay 1290 verified my email report and mp3 audio file sent to sodreweb@gmail.com , web@rnu.uy or emisoradelsur947@gmail.com . Not sure which one worked but the reply came from the SODRE address. (Mike Smith)

VENEZUELA

620 YVNO Radio Libertad, Cabimas reactivated. According to information from DXer and radio announcer Temistocle Contreras Leal, Radio Libertad has returned to the airwaves. Radio Libertad 620 operates with a power of 5 kW. Located in the city of Cabimas, it is the only AM station in the State of Zulia. (Santiago San Gil G, Cadena DX fb 23Feb via Christer Brunström ARC via IRCA)

X BAND UPDATE

ARGENTINA More information on the new X-bander first reported last month:

- 1680 Radio G, Quilmes – new station – transmitting with 200 watts. Address: 844 Avenue 899, Partido de Villa La Florida, Quilmes Party, Provincia de Buenos Aires. Tel 11 4280 0212. Email: benza3039@gmail.com (José Kucher & Argentina en AM y FM via fb via Finnish DX Club's Radiomaailma 2/20)

AUSTRALIA (Updates from Ian Baxter via MWMasts IO Group

- 1611 KIK FM Croydon, Qld never got to air on that outlet & licence has been cancelled.
- 1620 Rete Italia Melbourne transmitter noted off air 18 April.
- 1620 4KZ Taylors Beach QLD has been sold to Vision Christian Broadcasters & now airs Vision Christian Radio program.
- 1620 Toowoomba is testing here w/music and will carry 'The Breeze'. Freq previously used by licence owner Rete Italia. New service will be in AM Stereo C-Quam.
- 1647 Ian Baxter has been hearing a weak signal on 1646.700, presumably an X-bander somewhere in New South Wales. Not yet identified.
- 1656 Brisbane is now carrying Radio Rhythm programming, replacing VAC Chinese Radio.
- 1665 Radio Rhythm Brisbane still off. Suspect licence will be sold or leased.

CANADA

1610 CHHA Toronto ON applied to increase power to 10KW from the current 6250 watts, using the existing 150' tall guyed mast with an easterly guy wire operating as a passive radiator to provide a Null to protect 1KW CHRN-1610 Montreal QC, WEHH-1600 Elmira Heights-Horseheads NY and CKDO-1580 Oshawa ON. The application proposes to adjust the directional pattern if a station is again licensed to 1600 to replace the former 10KW CHNR Simcoe ON. Saving the cost of running two towers reduces CHHA's signal by 30% according to the application's Technical Brief. (Jon Pearkins IRCA)

DOMINICAN REPUBLIC

1640 Radio Juventus Don Bosco, Santo Domingo. At 0705 UTC 26 January, making music on holiday in the east. Are there two transmitters here when split .990 and .015 were visible, with the lower being a little stronger? 26.1. (DSO/N via Radiomail 2/20)

MEXICO

1700 XEPE Tijuana became an affiliate of Heraldo Radio network on 3 February. Flagship ID as "98.5 XHDL el Heraldo Radio". Format: News/talk and overnight music. (NRC DX News 87/12 via ARC's MVE 60-17)

RUSSIA

Jari Perkiomyaki finally managed to locate the Russian radio 1611 kHz operation with 3 remote Kiwi SDR receivers. The position of the transmitter seems to be 54.70N 32.40E. (Kari Kallio, Lahti, Finland via Vasily Lazarev) My atlas shows that not too far west of Moskva, north of Smolensk in oblast of same name, Russian side of Belarus border. (Glenn Hauser) (Rus-DX 29 Mar20 via Glenn Hauser's WOR io Group)

USA

1680 KRJO changed format, either the 3rd or 4th of April. After checking my recordings on the 3rd of April, they were still IDing as "99.7 My FM". I checked on 4th of April and they are now IDing as "This is the all new Classic Country, 99.7 The Legend, KRJO Monroe K259ZU 99.7 The Legend". (James Niven via Mike Sanburn via IRCA IO Groups)

1700 WRRC Ramapo NY applies to extend STA, U1 2500/250, using 175-foot longwire antenna at 41-11-22/74-00-55. (NRC)

X-Band Verification Signers, from Kai Mauseth in Arctic Radio Club's MVE 60-15 magazine Feb20:

1620 KOZN Bellevue NE - Mike Stibbs
1620 KSMH West Sacramento CA - Tom Huckins
1640 KDIA Vallejo CA - Andy Santamaria
1640 KDZR Lake Oswego OR - Segar Kannan
1670 KQMS Redding CA - Jim Bremer
1680 KNTS Seattle WA - Monte Passmore
1680 KGED Fresno CA - Al Perez
1690 KFSG Sacramento CA - Rosario De La Torres

US VIRGIN ISLANDS

1690 WIGT Charlotte Amalie has applied to extend STA, reduced power (using U1 400/400). (NRC)

MAILBAG

PAUL ORMANDY Oamaru has been making regular use of the League's 2 SDR receivers at Russell in the Bay of Islands, with a great contribution to what may be the biggest ever medium wave trail in the magazine! *[Thanks Paul and the rest of you!]*

STEVEN GREENYER Timaru reports: "An interesting, and rewarding month, with Radio Classical Uruguay 650 on the 2nd then a big drop off in signals at home. I had put up my portable ewe 15m x 4.5 m aimed at mid Argentina as my fixed ewe is further south due to back yard constraints and was going to take it down if things did not pick up over Easter. The 11th saw signals back up and CNN Radio 950 Argentina was a highlight the next night.

Reception has been strange with reception from the south of South America right through to West Coast North America at the same time on some evenings although SA has dominated, I also noticed that signals have not always followed a fixed path as USA is sometimes coming in well on the South American antenna, 1670 KHPY with a South American sounding program was coming in strong on all ewes one night. At home signals dropped off again after the 18th while Uruguay, Argentina are still there, signals are weaker.

Peruvians now dominate with some tantalising Yanks on lower powered frequencies, difficult at home but I note some good catches by members on the SDRs. Likewise with long path Europeans, some very weak signals on frequencies probably just distance and the 20 minute sunset difference to the North Island making it more difficult. They have been heard in the south but morning was always better. I have been doing some research on connectivity in the Catlins for an SDR and Spark gave conflicting info on this, Skinny don't have allocated coverage in the area, it seems 3G 4G via a modem is the best option. All that is needed now is for the house to be finished. Sad to see the death of ex Southland Branch member Wyn Machon, without whom we would possibly not have had the Tiwai house." *[Always impressed what you're hearing from your city location Steven! BC]*

BILL MARSH Blenheim has a great log of stations heard from home during March and April: 830 KLAA, 840 R. Bahia Blanca, 850 R. Carve, 860 XEMO, 880 Radio Union Peru, 927 3UZ, 940 RBV Brazil, 1050 ESPN Radio Sport. Thought to be WEPN needs further analysis of recordings, 1060 KYW, 1120 KMOX, 1210 KGYN (reconfirmed), 1341 3CW, 1360 R. Bienestar, Peru, 1470 R. Felicidad Peru, 1602 2CP & ZLXA. Logged on the DX League SDRs at Russell: 640 R. Pacifico Peru, 780 WBBM (reconfirmed), 840 KMPH, 870 R. Nacional Buenos Aires, 940 RBV Brazil, 1200 CJRJ, 1290 R. Murialdo Argentina and 1540 ZNS1. Bill says "The last 3 weeks have been full on, with something to hear almost every night. I have never heard it so good since my return to DXing some 5 years ago. Have been following the news very closely lately and one item that stood out is how clear the atmosphere has become. It crossed my mind that this may be having a bearing on the unusual propagation conditions we are currently experiencing. Carry on DXing and take advantage of the conditions." *[Interesting theory Bill – I find MW unpredictable between March and September, but more settled over the warmer months! BC]*

TONY KING Greytown has a few items for our April column. *[Thanks Tony! BC]*

MIKE SMITH Opunake has received a QSL by email from CX38 Radiodifusion Nacional del Uruguay on 1290, otherwise known as Emisora del Sur. Mike says "the email came from sodreweb@gmail.com and I think the same outfit runs R. Uruguay 1050 and Radio Clasica 650. Lots of loggings, some of which might turn into reports depending on the recordings.

Notable ones are: LRA24 640, R.del Pacifico 640, 8AL 783, 6VA 783, LRA11 670, R.Cultura Brasil 1200, LT8 830, LRI309 AM1620, and LS6 1350 heard through and over at times ZB Rotorua. Now just need to find some time to spend on the recordings and get some mail away. Lockdown hasn't changed much for me – I've been working from home pretty much full time for months anyway. Electricity supply being an "essential service" it's BAU even for the desk jockeys like me. I'm looking forward to taking delivery of the League's sdr#2 whenever that happens, and getting it up and running before the Latin season peters out. Looking forward to seeing what everyone else has been doing. I'm pleased to see that a number of the guys have directed ewes to the deep south and getting good results." *[Thanks for agreeing to host the second SDR for members Mike! We will hopefully be able to share some of the unique Taranaki DX! BC]*

TONY MAGON Sydney and a former Southland Branch member checks in regarding some of our vacant MW channels: "Have had a listen on Northland Radio SDR at around 1455 UTC - 1602 NHK Network, 1467 KBS HLKN and 1260 JOIR." *[Thanks OM! BC]*

STU FORSYTH in Titirangi writes: "The lockdown has been good for me - I haven't done this much DXing in years! I have tuned around on the League SDRs, both north east and south east, and have logged the following: La Radio 1620 Mar del Plata, R. Santa Maria 1490, R Rio de Janeiro 1400, KSUR 1260 and HLSR KBS Hanminjok 1170. There has been a QSL from HLSR and a message from KSUR that the report had been passed to the engineering department. Fingers are crossed some of the others may reply." *[Disturbed sleep? Why not take a break from 'Blanket Bay' and see what you can hear on the League's SDRs at Russell in the wee small hours.]*

BARRY HARTLEY Mairangi Bay submits 3 loggings below that he heard when awake before dawn. *[Thanks Barry – particularly while the Trackside Radio frequencies are quiet, all MW DX enthusiasts need to take the opportunity to listen in – it may not last! BC]*

BRYAN CLARK Mangawhai writes: "What a great month DXwise it has been, thanks in big part to a number of clear channels opening up when TAB Trackside Radio went dark! Highlights have been reception of multiple Brazilians, regular signals from Paraguay and Spain and Algeria longpath. A report has gone out to Super RBV 940. One disappointment was the early evening carrier on 1476.003 – which I wishfully speculated might be the newly inaugurated 100kw transmitter of Trans World Radio from Benin in West Africa. Unfortunately the carrier is there all day, along with other weak traces at 60hz intervals so likely something generated locally. Have included below - details of my longpath observations and numerous off-frequency and as yet unidentified Latin carriers – after this month's monster trail. NZ now has 18 unoccupied 9kHz MW frequencies – something that would have only been the stuff of a DXer's dreams a month ago!"



'CORONAVIRUS BENEFIT TRAIL'

SPECIAL NOTE: Member loggings made on remote New Zealand-based SDRs will in future be identified with a symbol after the frequency. During April the 2 League SDRs at Russell were operating on different antennas, so * means the usual Flag aimed north and # is the temporary flag antenna aimed southeast. a means approximate frequency when station is well off its nominal channel, v means frequency varies during reception.

PWO Paul Ormandy, Oamaru DXing on the League SDRs at Russell.
SG Steven Greenyer, Timaru with Palstar R30A and 4 x 15m ewes to south of SA, Mid SA and N. America.
TK Tony King, Greytown with Tecsun PL380 ultralight receiver and flock of EWES
MS Mike Smith at home in Opunake with Eddystone 680X, Panasonic DR31 and EWES to SSE and West.
SMF Stuart Forsyth in Titirangi Auckland, using the League's SDRs
BCM Bryan Clark, Mangawhai w/WinRadio G33DDC & temporary EWE aimed 135 deg.

560# 0740 ARGENTINA (tentative) possibly RN Bahia Blanca - talk there in SS - given the way things are tonight it may well be the Argie. 30/3 SMF
570 0712 COLOMBIA. Radio Nacional vocals with frequent IDs. Often FM annr. SG.
590# 0729 ARGENTINA, LS4 Radio Continental good with vocals // website. Up and down - QRM from 594.30/3 SMF
600a 0849 UNID LATIN on measured 599.904 on 1/ 4. Chilean Nueva Vida has been reported here. BCM
621* 1745 TUVALU (pres) BBC WS relay fading up and down thru Rhema 28/4 BH
640 0800 ARGENTINA LRA24 Rio Grande. solid signal, talkback, many IDs 2/04 MS
640 0800 PERU Radio del Pacifico up briefly with IDs on the hour, fair. 04/04 MS
640* 0835 USA, KFI fair/ good with C to C. Mixed but dominant SMF
640 0839 USA KFI Los Angeles CA on Coast to Coast AM 8/4 TK
650 0718 URUGUAY Radio Classical strong with harpsichord music then ID, mentions of Bach 2/4 also 12/4 weak with FM classical vocal. SG
650* 0909 ALASKA KENI fair/ poor with C to C.// website. Bad splash 657. 12/4. SMF
660 0656 PERU Radio Involvidable vocals best on deep south antenna this night SG
660* 0742 USA KTNN Window Rock AZ good w/C&W mx, //web. 20/4 PWO
670 1040 ARGENTINA LRA11 R.Nacional Comodoro Rivadavia "La Radio Publica" 14/4 MS
680* 0848 USA KKYZ San Antonio TX w/country mx, FA w/wx brief, mxd KNBR on talk. 14/4 PWO
680* 0854 CANADA CJOB Winnipeg, popped o/KNBR MA tlk, promo "The Shift with Drex on CJOB" 14/4. PWO
680* 0915 USA KNBR Poor w/sports talk in EE, mixed with another. Fair 12/4. SMF
690 0634 USA UNID w/Coast to Coast AM under Hawaii 2/4 running // to KFI 640. Both KGGF Kansas and KTSM Texas have directional beam towards NZ! BCM
690 0731 USA KTSM El Paso TX I-Heart promo then brief ID & Coast to Coast AM Show 28/4 PWO
690 0756 URUGUAY CX8 up briefly w/male & female ann, ment. "Sarandi" 3/4 MS
690* 0816 MEXICO XEWW Tijuana, strong o/tlk w/CC mx 13/4 PWO
690* 0834 HAWAII. KHNR dominant station but mixed. Fair at best, 3/4. SMF
690 0849 HAWAII KHNR Honolulu w/talk. SS beneath 8/4 TK
700 0703 ARGENTINA Tentative LV3 w/mentions of Cordoba, no ID heard. SG
710 0557 CUBA Radio Rebelde fair w/lively Latin melodies // SW 5025 28/3. BCM

- 710 0617 USA UNID carrying Red Eye Radio talk 12/4. redeyeradioshow.com only lists previously unheard KCMO Kansas City MO! Will need to watch freq. BCM
- 710 0649 CUBA Radio Rebelde presumed, mentions of Rep de Cuba. SG
- 711 1835 UNID under ABC QLD, sounded middle eastern. Iran? Soon gone. 25/4 MS
- 720* 0559 USA WGN Chicago IL "We're Chicago and we'll get through it together". No sign of Invercargill. 14/4 PWO
- 730 0740 PERU Radio Programas del Peru w/newstalk format in SS //web stream. Horrendous QRM from local on 729 2/4. BCM
- 740 0533 USA KTRH Houston TX ruling freq, into Coast AM 10/4. BCM
- 750 0700 ARGENTINA. LRA Cordoba, one of the most regular with 840 & 870. SG
- 750 0750 PERU. Radio Programas del Peru, T/C ID "RPP en Lima " 2/4 SG
- 750 0900 ARGENTINA R.Nacional time pips, male and female anns. Assumed LRA7 Cordoba fair 01/04 MS
- 750* 0943 USA, KXTG (tentative) poor w/ plenty of splash, but sports news - sounded like recording of commentary - up briefly 10/4. SMF
- 760* 0731 USA WJR Detroit MI, good o/mix w/Red Eye Radio, local ads then back to net. 13/4 PWO
- 760* 0731 USA KFMB San Diego also carrying Red Eye Radio which causes an echo w/WJR. 13/4 PWO
- 760 0856 CHILE Radio Cooperativa w/apparent relig prgm then long list of station locations and FM and AM frequencies at 0858 on 1/ 4. Thanks to RealDX members for confirming identification. BCM
- 760 0908 ARGENTINA LU6 R. Atlantico, music // web. IDs "Atlan-tee-co" fair 31/3 MS
- 780 0653 USA. WBBM Chicago IL, with "WBBM News time". SG
- 780 0710 PERU. Presume Radio Victoria with Andean vocals on Peru Night SG
- 770* 0753 USA KCBC Manteca CA fair & clear MA preacher o/KKOB. 20/4 PWO
- 780* 0858 USA, KKOH up briefly with nx at 0900 // website 8/4 SMF
- 780* 0924 ALASKA KNOM w/mx, dominant or mixed w/ KKOH and WBBM 12/4. SMF
- 783 0515 SPAIN? Maybe COPE Barcelona, v weak SS talk, gone prior 0600 16/4 MS
- 783 1837 AUSTRALIA 8AL with ABC overnight Talkback, fair mxd 6VA 08/04 MS
- 783 1900 AUSTRALIA 6VA ID as "Triple M" and local ads for Albany. Good 08/04 MS
- 790 0702 PERU. Radio Programas del Peru, Trujillo, ID as "RPP Radio" SG
- 790# 0717 ARGENTINA R Mitre, Buenos Aires, fr w/tangos, //web stream 02/4 PWO
- 790 0834 USA KABC Los Angeles CA w/news talk format, over another US & a Latin on frequency. Ident and weather "57 in Santa Monica" at 0930 12/4. BCM
- 820 0707 USA WBAP Fort Worth TX w/ ID then into "Red Eye Radio" SG
- 820# 0843 ARGENTINA Radio Nacional Formosa fair with talk // website but bad splash from 819, 3/ 4. SMF
- 828* 0919 JAPAN JOBB Osaka, fair MA talk, mixed Aussie. 18/4 PWO
- 830 0606 ARGENTINA LT8 Good with Michael Jackson's "Thriller" then "La Ocho" ID 18/4 MS
- 830* 0659 USA WCCO Minneapolis MN dominant w/id & prior to nx. 13/4 PWO
- 830* 0703 HAWAII KHVH Honolulu, id "Newsradio 830, KHVH" then HI Covid-19 news.14/4 PWO
- 830 0745 USA KLAA Los Angeles CA on ESPN Radio mixed WCCO. Vgd w/ID on hour as "Angels Radio 8-30, KLAA, Orange County - Los Angeles...where Angels Baseball lives". Over co-channel UNID Latin and Cuban Radio Reloj w/time pips on the minute 14/4. BCM
- 830 0849 USA KLAA Orange CA ESPN and ID AM & amp; FM 24/4 TK

840# 0709 ARGENTINA LU2 Radio Bahia Blanca // website fair-poor mixed with LV9 Radio Salta in peaks // its website. 30/3 SMF

840 0714 ARGENTINA. Radio Bahia not quite as strong as other regulars SG

840# 0813 ARGENTINA R Bahia Blanca, honky-tonk C&# song in SS!! //web 3/4 PWO

850 0658 URUGUAY Radio Carve. One of most consistent signals often strong. SG

850# 0747 URUGUAY R R Carve, Montevideo, thumping in! Interview 31/3 PWO

850# 0904 URUGUAY Radio Carve fair but suffering from splash. Talk about the virus in SS. // to website with a delay. Great id 0644 28/3. SMF

860 0612 MEXICO XEMO Tijuana w/SS religious 8/4 TK

860 0647 CANADA. CJBC presumed the one with Fm in FF mixed with SS station. SG

860* 0746 MEXICO XEMO Tijuana, gd w/SS Catholic relig service. 13/4 PWO

860# 0748 CHILE R Ines de Suarez, Concepcion, fr w/F preacher o/mx bed 14/4 PWO

860* 0813 USA KTRB – fair with fading. Ads for San Francisco. ID for “860 AM The Answer” as indeed is KPAM – however, this was // with website. 29/4 SMF

870 0703 ARGENTINA. Radio Nacional Buenos Aires time pips on half hour frequent Radio Nacional Ids also regular signal. SG

870# 0731 ARGENTINA, R Nacional Buenos Aires fair at best w/mx // web 1/ 4. SMF

880 0559 PERU Radio Union, Lima w/endless religious chant. No ID on hour. 18/4 TK

880 0705 PERU Radio Union, Lima – religious preaching, regular dominant 3/ 4. BCM

880# 0820 PERU Radio Union steady sig, religious chants - lots of ‘oh señor’ 2/4. SMF

880 0900 PERU Radio Union, pick of the crop, strong. Christian preacher in SS with 47 Glorias!! 8/4 TK

880* 0923 USA KKMC Gonzales CA fr w/FA preacher. 19/4 PWO

890* 0604 USA WLS Chicago IL fr w/wx, website promo. Splash from 891.14/4 PWO

910 0701 USA KOXR Oxnard CA w/SS ident & slogan “La Mexicana” vgd 26/4. BCM

910* 0805 USA KKSF San Francisco CA w/IHeart Radio promo after ID “Real talk 9-10”14/4 PWO

910* 0756 MEXICO R Mexicana, Mexicali, // webstream w/ranchera o/KKSF 19/4 PWO

910* 0805 USA KKSF San Francisco CA w/I-Heart R. promo after ID “Real Talk 9-10” 14/4 PWO

920 0711 USA KARN Little Rock AR w/sports talk, ident for SportsAnimal920.com 12/4 – long time since I last heard this one! BCM

920 0729 PARAGUAY ZP1 Asuncion exc on peaks, advts, ident, beautiful mx 1/4. BCM

920# 0754 PARAGUAY Radio Nacional fair at best but deep fades. Mx - group vocals. // website 1/ 4, SMF

920* 0820 CANADA CFRY Portage la Prairie MB C&W mx w/Loretta Lynn song. Fading up/down. 14/4 PWO

930 0627 URUGUAY Radio Monte Carlo, Montevideo, pop vocals 26/4 TK

930# 0750 URUGUAY Radio Monte Carlo with vocals - fair // with website 1/ 4. SMF

930 0904 URUGUAY Radio Monte Carlo, Montevideo on SS talk 8/4 TK

930# 0713 URUGUAY R Monte Carlo, Montevideo, with tangos //web stream 31/3 PWO

940# 0535 BRAZIL R Boa Vontade (presumed) with religious message. Poor 17/4 SMF

940 0540 USA KFIG Fresno CA ESPN sports/talk ID “940 ESPN” 24/4 TK

940 0631 BRAZIL R Boa Vontade, Rio de Janeiro religious exc on peaks 26/4 TK

940 0714 BRAZIL R. Boa Vontade strong some nights even when no Argies up. SG

940# 0715 BRAZIL Super Radio Boa Vontade, fr sig in PP, mxd unid 31/3 PWO

940 0735 BRAZIL Super Radio Boa Vontade on 2/4. Also hrd 0613 on 28Mar. BCM

940# 0755 USA KFIG Fresno CA fair but fading with talk - with the aerial pointing SE! No sign of any Latins 31/3. SMF

950 0636 ARGENTINA. CNN Radio Male & Female ID “CNN Radio Argentina” with

English pops // web up briefly 12/4. News format heard 0906 16/4 SG

950 0608 CUBA Radio Reloj w/SS news format and time pips every minute 7/4. BCM

950* 0715 USA KJR Seattle WA, dominant w/Fox sports-talk. 14/4 PWO

960 0644 PERU Radio Panamericana on signature 959.992 w/lively Latin pops, regular SS idents & promos. 3/ 4. BCM

970# 0800 PARAGUAY Radio Imperio w/anthem then strident march music, clear on peaks, // web stream 02/4 PWO

970* 0830 USA KHTY Bakersfield CA fr sports talk, Fox Sports net. 14/4 PWO

970 0640 URUGUAY Radio Universo AM 970 on measured 970.0085 all evening, past 0910 on 3/4 // webstream. BCM

970* 0830 USA KHTY Bakersfield CA fr sports talk, Fox Sports net. 14/4 PWO

980 0902 BRAZIL Radio Nacional, Brasilia up briefly in PP but mainly covered by badly distorted unid transmission on 980.000 3/4. Who is this? BCM

980 0952 PERU Radio Primavera, Chiclayo is the badly modulated station I first hrd last month, positively identified 15/4 with help from the RealDX team. BCM

980 0654 COLOMBIA RCN regular here, mix of newstalk & occasional lively Latin rhythms. Regular idents past 0900 5/4. BCM

990 0555 PERU R. Latina. It took several nights listening in fades of Radio Apna to get a clear "Radio Latina La Voz de la Provincia" impossible shortly after 0600 due to Apna dominating the frequency. SG

1000 0930 UNID LATIN with time signals and spoken news type prgm. Suspect Argentina 4/4. BCM

1010 0535 UNID LATIN. Spent nearly 2 hours 22/4 on SS language not // to any web streams. Mixed Radio Cielo with ID twice at 0651. 22/4 SG (See below)

1010 0555 USA KIQI San Francisco CA. Talk. ID on the hour 24/4 TK

1010* 0759 USA KIQI San Francisco CA goodd w/lively Latin pops. 20/4 PWO

1017 0901 TONGA A3Z Nukualofa dominant with news 24/4 TK

1020# 0817 PARAGUAY R Nanduti, La Asuncion, pr splash, monologue //web 4/4 PWO

1020 0920 USA KTNQ Los Angeles always seems to be here w/SS talk & variety and occasional EE in advtg 3/4. Even on a good Sth American night! BCM

1020a 0920 PARAGUAY Radio Nanduti on 1020.098 putting rumble het on 1020 w/talk in accented SS 3/ 4. BCM

1030 0644 USA WBZ Boston MA on rolling news, traffic reports & weather. Fair 10/4 but bad splatt 1026 and 1035 Kiwis. BCM

1030 0645 USA. WBZ Boston weather on mixed NA SA night, "Boston News Radio" SG

1030# 0833 ARGENTINA, Radio del Plata fair at best but bad splash from adjacent channels. Quite audible when they are quiet. // website 1/ 4. SMF

1030* 0858 USA KTWO Casper WY, end "Coast-to-Coast AM" id, local ads. 20/4.PWO

1040* 0833 HAWAII KHLT Honolulu, good w/religion, mxd talk station. 13/4 PWO

1040 0904 USA KHLT Honolulu w/ Weather Forecast 0905 and News 24/4 TK

1050 0756 URUGUAY R. Uruguay. M & FM talking then ID best signal this night 2/4. SG

1050# 0850 ARGENTINA Radio San Francisco poor/ fair but mixed another SS speaking station. Mx from website matched. 1/4. SMF

1070 0622 USA KNX Los Angeles CA. News Radio used to be regular until TAB Ashburton came on air, now reasonably clear with only carrier on 1071. SG

1090* 0812 USA, KFNQ sports nx poor-fair w/bad splash from 1089 //web 31/3 SMF

1098* 1800 MARSHAL ISLANDS (Pres) Island music under 3ZB 28/4 BH **

1100* 0645 USA, KFAX San Francisco CA presumed with talk. Fair/ poor 7/4. SMF

1100 0909 USA KFAX San Francisco CA w/religious discussion 24/4 TK

1130 0529 USA KWKH Shreveport LA on sports talk, all alone 12/4. BCM

1130# 0720 BRAZIL Radio Nacional, Rio de Janeiro, fair signal w/serteneja mx, mixed unid SS //web stream 4/4 PWO

1140 0618 UNID LATIN w/long Catholic prayers 16/4, maybe Radio Maria, Peru. BCM

1140 0905 ARGENTINA LRA15 YL talk over UNID on SS music 8/4 TK

1150 0616 MEXICO XEAD Radio Metropoli, Tonalá good w/talk, many idents 31/3. BCM

1170* 0730 USA KLOK San Diego CA w/Hindi songs, EE advts. 15/4 PWO

1170* 0858 AUSTRALIA 2CH Sydney fair w/classics on back end SE aerial 9/4. SMF

1170* 0950 SOUTH KOREA, HLSR dominant on frequency, mixed 2CH and a Yank - unsure if it is KFAQ. Mx and at 1000 what sounds like National Anthem then news. Fair. 12/4. SMF

1190 0620 ARGENTINA Radio Nacional Tucuman best w/newstalk, tangos 30/3. BCM

1190 0656 ECUADOR UCSG Radio, Guayaquil o/mixed Radio Nacional Argentina w/ western pops, ident as "Universidad Catolica de Santiago de Guayaquil... UCSG" 19/4. BCM

1190# 0816 USA, KEX fair with Coast to Coast AM // 1200. 22/4. SMF

1200a 0619 UNID LATIN on 1200.173m peaking good at times w/EZL SS vocals 30/3. Per MW Offsets list, Colombian HJJ was hrd on 1200.17 in January. BCM

1200# 0818 USA, WOAI San Antonio TX good with C2C, 22/4. SMF

1200* 0842 CANADA CJRJ Vancouver BC w/Hindi vocals o/2 talk stations 13/4 PWO

1200* 0819 USA KYAA Soquel CA talkback on religion, mixed WOAI/CJRJ. 20/4 PWO

1200 0655 BRASIL R.Cultura Sao Paulo with jazz, m & f ann in PP // web 15/4 MS

1206* 0940 UNKNOWN - mixed with Aussie. I initially thought Japan, but there is no JJ on freq. Possibly China - fair when on top. 19/4. SMF

1210a 0541 CHILE Radio Valparaiso w/SS ident, lively Latin rhythms on 1209.824 hetting 1210, 6/4. BCM

1210* 0850 HAWAII, KZOO dominant with JJ pops over presumed KPRZ with religious prgm. Fair but deep fades. 12/4. SMF

1210* 0851 USA/HAWAII KPRZ San Marcos CA, bible-basher MA preacher, mxd KZOO on JJ pops. 13/4 PWO

1210 0904 BRASIL UNID PP sermon & hymns. Curitiba or Porto Alegre? 15/4 MS

1220 0530 MEXICO XEB Mexico City DF strong with SS talk. News? 23/4 TK

1220 0844 PERU Radio Melodia, Arequipa on 1220.026 w/better signal than XEB on 1220.004. Lively Latin music format // webstream 4/4. Hrd again 18/4 at 0531 w/regular time checks and ident. BCM

1224 0549 SPAIN COPE Network weak in SS w/talk 18/4. Audible past 0603. Freq measured at 1224.002, possible locations Huelva, Almeria or Lugo. BCM

1260* 0704 CANADA CFRN Edmonton AB MA w/sports o/unid mx. 13/4 PWO

1260* 0706 USA KSUR Beverley Hills CA, oldies eg. John Lennon, Manfred Mann fair mixed CFRN.13/4 PWO

1260* 0825 USA KSUR fair/ poor mixed 3SR - as the night wore on 3SR got better. Playing Bohemian Rhapsody at 0818 18/4. SMF

1260 0859 JAPAN JOIK Sendai, FA fr on peak o/3SR & KSRF. 18/4 PWO

1260* 0940 JAPAN JOIR - steady under 3SR - JJ talk quite audible 12/4. SMF

1270* 0801 HAWAII KNDI Honolulu gd sig, steel guitars & islands vocs. 13/4 PWO

1290 0729 ARGENTINA Radio Murialdo up nicely on 1289.981 w/time pips on half hour, theme mx and "En el aire, Radio Murialdo" 28/3. On 29/3 again clear at 0759 w/ time pips, lengthy church bells and ident. BCM

1290a 0732 BRAZIL Radio Timbira, Sao Luis finally identified via // webstream as the PP on 1290.286 putting het on 1290 30/3. On 1/4 was fading up at 0613 - there

most nights. BCM

1300 0630 ARGENTINA LRA5 Rosario ID as “La Radio Publica” quickly faded into the mess 10/04 MS

1310* 0854 USA KMKY Oakland, fair w/Hindi pops. 13/4 PWO

1350 0550 ARGENTINA? UNID SS strong over ZB Rotorua, suspect LS6 R. Buenos Aires 23/4. MS

1360 0446 PERU Radio Bienestar Lima one of earliest signals in, good on SS talkback 27/4. At 0457 “La hora del podera de la medicina naturale”. Best early, before 1359 skywave too troublesome. BCM

1360 0545 PERU Radio Bienestar often strongest Peruvian with 1470. SG

1360# 0723 PERU Radio Bienestar, Lima, pr-fr w/MA relig.16/4 PWO

1370a 0522 COLOMBIA Radio Mundial, Bogota w/evangelist and mass singing on 1370.066. Confirmed from webstream 12/4. BCM

1380 0709 MEXICO XECO Romantica, Mexico DF dominating with soft romantic ballads of course! 17/4. Parallel webstream BCM

1380# 0738 PERU Radio Nuevo Tiempo, Lima, fair, soft Latin pops //web. 14/4 PWO

1380* 0828 USA KTKZ Sacramento CA talk show, “AM 13-80, The Answer” 20/4 PWO

1400# 0745 URUGUAY CX14 Radio Zorrilla de San Martin // website fighting it out with LRG202 Radio Cumbre // website and a third station 30/3. All 3 were poor but peaked on occasion. SMF

1400# 0845 ARGENTINA Radio Cumbre, Nequen, rocky Latin pops mxd Zorrilla de San Martin and a 3rd unid. 30/3 PWO

1400* 0550 BRAZIL R Rio de Janeiro, up nicely w/FA relig. 24/4 PWO

1400 0916 URUGUAY Radio Zorrilla San Martin w/ident, talk & music format on measured 1399.988 past 1000 30/3. (Sunrise 0955) BCM

1400a 0847 ECUADOR Radio Z Uno, Guayaquil (p) w/lively Latin mx & folk songs on measured 1400.271 25/4. Overseas DXers hrd them on .27 in March. BCM

1420# 0544 BRAZIL Radio Guaruja, Florianopolis, MA w/relig.16/4 PWO

1420 0626 USA WOC Davenport IA (presumed) w/Coast to Coast AM talkshow, local promo 0630 thru severe splat from overmod Kiwi on 1413, 28/3. Hawaiian up to dominate by 0640. BCM

1422 0501 ALGERIA RTVA Algiers w/talk (news?) by alternating male & female, very weak, then into Quran readings 3/ 4. Signal improved but poor at best. BCM

1422 0700 UNID with Middle Eastern type music and vocals 11/4, almost too late for Algeria, 1.5 hours after sunrise. Radio Hellas Melbourne definite later, maybe it was playing it, next night 12/4 Australian racing at 0520. SG

1430* 0811 USA KYNO Fresno CA fr w/Connie Francis song. Mxd. 15/4 PWO

1430* 0814 USA KMRB San Gabriel, fr w/CC accordion song. Mxd. 15/4 PWO

1430* 0840 USA KYNO Fresno CA fair,mixed playing Ferry across the Mersey 26/4.SMF

1467 1715 SOUTH KOREA M & F speech phone interview in Korean vg 28/4. BH

1470 0515 PERU R. Felicidad, Lima B2B vocals with reg ID over EE stn. 23/4. TK

1470# 0530 PERU, R Felicidad with an amazing signal - mx. Id for FM freq.18/4 SMF

1470 0535 PERU Radio Felicidad Lima 8/4 TK. [Always the best evening Latin. BC]

1470 0700 CANADA CJVB Vancouver BC M/Ann ID mixed with Yank. 19/4 SG

1470 0730 PERU R. Felicidad “Escucha Radio Felicidad” good most nights 4/4 MS

1470 1018 MEXICO XEAI Radio Formula Mexico DF w/many advts, “Grupo Formula”, reference, riding over Felicidad past 1029 25/4. BCM

1476# 0830 AUSTRALIA, 5MG with mx and then ABC nx with the ABC nx theme. Fair sign but with fading. Mixed with presumed Sky Sports Penrith 26/4. SMF

1480a 0826 CHILE Radio La Amistad de Tome, on measured 1479.881 fair w/soft vocals

on LSB to avoid 1480, ident 0831 13/4. BCM

1480* 0836 USA KNVR Santa Ana, fr w/VV mx, //web, mxd KYOS. 20/4 PWO

1480 0858 USA KQAM Wichita KS popped up nicely on hour w/ident "K273-CX FM 102.5 and AM 14-80 KQAM, Wichita, Kansas" then a Coronavirus Update 21/4. BCM

1480* 0930 USA KYOS Merced CA oldies, Elton John, Don McLean etc mixed w/Asian (KVNR?) 13/4. PWO

1480 0957 PERU Radio Espinar, Yauri w/ident, frequent t/c's, rooster calls, and lively Andean rhythms 20/4. BCM

1490# 0904 ECUADOR R Santa Maria, Azogues, up nicely w/instru mx then full id. mxd unid Peruvian stn 22/04 PWO and 23/4 SMF

1490# 0607 BRAZIL Rádio Imaculada Conceição, Maua, fr at times w/MA preacher but mx stn dominant. 17/4 PWO

1500 0535 MEXICO XEDF Mexico DF w/talk format, several idents after 0558 9/4. BCM

1520* 0810 USA KKZZ Port Hueneme CA, FA w/SS nx format. No sign KOKC 19/4 PWO

1530 0529 UNID LATINS one on religious format w/preaching & contemporary Christian vocals, the other w/distorted audio that has been identified in past years as Radio Avivamiento, Panama 8/4, thru Hastings. BCM

1530 0729 USA KGBT Harlingen TX up over The Wireless w/SS report on pandemic, then "TU DN Radio, te acompaña y te informa..." on NE EWE 18/4. BCM

1540 0530 UNID LATIN w/evangelist preaching thru Radio Bahamas 25/4. Measured freq 1539.994 points to a Colombian. BCM

1540 0700 BAHAMAS Radio Bahamas in the clear, long ID including tx power. SG

1550* 0807 USA KRPI Ferndale WA fr w/Hindi vocals. 13/4 PWO

1560 0900 UNID LATIN religious format, SS preaching thru 1557 slop 23/4. BCM

1570# 0727 PERU Bethel R., Lima, good at best w/ relig 16/4 PWO

1570* 0540 PERU R. Carraviz, Juliaca, poor audio, fr-pr w/relig. 22/4 PWO

1570* 0811 HAWAII KUAU Haiku, fair w/Amazing Grace by FA. 13/4 PWO

1570* 0845 HAWAII, KUAU excellent with religious message 21/4. SMF

1580 0546 USA KBLA Santa Monica CA w/ "The Radio Show", EE anncts, eclectic tracks, phone-ins, adverts 28/4. Has SS religion overnight. BCM

1602 0800 UNID noted 27/3 w/classic & some contemporary Maori numbers. Also 5/4 at 0456 on measured 1601.9935 w/contemp & classic rock mx tracks, no anncts, poor. Maybe a spurious of a NZ iwi station, but who? BCM

1610 0741 CANADA CHHA Toronto w/Hindi music, anncts & advertising 23/4. BCM

1610a 1022 PERU Radio El Sol, Arequipa on 1610.036m hetting against w/CHHA, ident mentioning 'onda larga' 5/4. BCM

1611a 1700 AUSTRALIA SBS Pop Desi, Launceston Tasmania w/Indian pops, EE anncts & ident ,way off freq at 1610.895 on 1/ 4. BCM

1620 0544 CUBA Radio Rebelde w/popular Latin rhythms, cuckoo sounders at 0604, 'noticias por Cuba y el mundo', mixing w/WDHP 20/4. BCM

1620 0545 US VIRGIN ISLANDS WDHP dominant w/fast hip-hop, rap songs, ident as "The Reef 103.5" at 0549, station promo 0555 25/4. Cuba up at 0556. BCM

1620 0545 ARGENTINA AM1620 lots of EE oldies good thru past 0630 19/4 MS

1620# 0626 ARGENTINA La Radio Mar del Plata, thanks to Barry Hartley, fair at best. Played 'Volare" at 0626, tangos before that. Barry has chased this for a couple of days. 19/4. SMF

1640 0944 USA WTNI Biloxi MS makes a rare appearance over KDIA w/new country music format, also at 1003 22/4. BCM

1660* 0620 PUERTO RICO WGIT Canovanas, Faro de Santidad, EZL gospel mx 23/4

- PWO
- 1670 0742 USA KHPY Moreno Valley CA, 12/4 SS program that sounded more like Colombian and booming in on all ewes including SA one. Into what sounded like a church service after the hour. SG
- 1680 0655 USA KRJO Monroe LA on new country mx format 10/4, poor. Better on 11/4 when full ID hrd at 0900 – “This is the all-new Classic Country, 99.7 The Legend, KRJO Monroe...” BCM
- 1701 1822 AUSTRALIA Voice of Charity, Sydney w/Coptic service on 1701.07 // web, over AA station Islamic Voice from Melbourne on 1701.00475, 16/4. BCM

BRYAN'S UNID FREQUENCY OFFSET LIST

LATINS: 720.1395 hetting 720 at 0615 UTC on 12Apr; 829.972 at 0840 on 13Apr; 839.983 at 0609 on 6Apr; 940.330 at 0600 on 4Apr; 949.973 at 0955 on 9Apr; 969.938 at 0905 on 3Apr; 969.953 at 0910 on 3Apr; 979.903 at 0604 on 6Apr; 1019.981 at 0938 on 4Apr; 1030.266 at 0840 on 5Apr; 1079.992 at 0633 19Apr; 1080.018 at 0626 on 19Apr; 1090.067 at 0534 on 6Apr; 1099.983 at 0635 on 19Apr; 1100.115 at 0735 30Mar; 1140.2485 at 0538 on 6Apr; 1209.823 at 0620 on 30Mar; 1220.128 at 0618 30Mar; 1259.977 at 0440 on 18Apr; 1290.155 at 0742 on 24Apr; 1370.0255 at 0747 on 20Mar; 1370.068 at 0550 1/4 (gone after 0600); 1399.953 at 0926 on 7Apr; 1409.911 at 0515 on 12Apr; 1429.835 at 0642 on 4Apr; 1470.016 at 1003 on 20Apr; 1479.8855 at 0512 on 18Apr; 1490.139 at 0925 on 16Apr; 1509.994 distorted audio 0608 on 31Mar; 1520.069 at 0840 on 31Mar; 1570.270 at 0639 on 19Apr; 1599.8005 at 0754 on 21399.9425 at 0529 on 18Apr; 9Mar & 0551 4Apr; 1610.039 and 1610.072 at 0911 on 30Mar

OTHERS: 1601.959 at 1802 2Apr.

BRYAN'S LONGPATH MONITORING:

4 April: Carriers on 1601.993 and 1538.994 at 0456; 1602.016 at 0550; 782.997 at 0502; 648 and 684.

5 April: Quran from Algeria 1421.998 at 0525; possible audio snips from Spain on 647.998 at 0423; carriers on 683.998, 782.997 & 1538.994 at 0424; 1134.003 at 0454.

10 April: At 0505 UTC - 1601.993, 1421.998, 1134.002, 782.997, 684.018, 683.998, 647.9985, 638.999. At 0530 - 1601.993, 1421.998, 1134.002, 782.997, 684.018, 683.998, 647.9985, 638.999.

16 April: Spanish audio on 684 and 1134; Quran on 1422.

17 April: Carrier on 828.005 at 0531 tune-in, gone at 0550 recheck; 648 audio traces 0542 past 0606, almost certainly RNE Badajoz 10kw.

18 April: Carrier on 1512.0035 at 0420 UTC; 1565.9985 at 0423; 1601.993; 1476.003 at 0425 – all these better on NE EWE than SE; 1421.997 on SE EWE; 1224.007 (best) and 1224.0025 at 0428 both slightly better on SE EWE; 827.997 and 828.0035 (best) at 0430; multiple carriers between 783.000 and 783.001; 647.9985 at 0433; 1223.997 up at 0434, making 3 carriers. Some audio on 1134 at 0524; SS talk on 1224.0025 at 0538-0550.

19 April: Checks at both 0530 and 0610 found carriers on the following 9kHz channels – 638.999, 647.998, 683.9985, 684.018, 710.997, 782.998 very weak at 0530, gone at 0610), 828.001 (audible at 0610 only), 828.004, 828.016, 1134.0025, 1223.9975, 1224.003 (best with audio traces), 1224.007, 1421.998, 1538.994 (almost gone at 0610).

20 April: Carriers of interest at 0440 UTC: 782.997 (Algeria?), 828.0045, 1484.985, 1538.994.

TV/FM NEWS & DX

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Greetings and welcome to the May page hopefully you managed to get through the level 4 lockdown OK. As you've probably heard elsewhere the level 4 lockdown has had a major effect on New Zealand media. First it was the demise of Radio Sport which closed on 30th March. Sadly the transmitters remain on air with a relay of NewsTalk ZB. In Christchurch it means that we now have four options of hearing the network. Three on AM and one on FM. Radio Sport had its inception in the days of Radio New Zealand's Sports Round Up which used the former YC AM transmitters on a time share basis. The RNZ sports commentary department was privatised in 1996 when it became Radio Sport. Shortly afterwards we were greeted with the news that Radio Trackside was to cease broadcasting with effect from midnight on 12th April. Provided all the transmitters were switched off 16 FM frequencies would have been freed up:

Kaitaia - 92.4 FM	Queenstown - 93.6 FM
Bay of Islands - 94.4 FM	Wanaka - 106.8 FM
Kaikohe - 92.4 FM	Central Otago - 104.7 FM
Whangarei - 92.4 FM	Oamaru - 89.6 FM
Whakatane - 96.1 FM	Hokitika - 89.1 FM
Taupo - 91.2 FM	Greymouth - 93.9 FM
Taranaki - 97.2 FM	Westport - 93.3 FM
Wairarapa - 91.1 FM	Kapiti Coast - 93.5 FM

For both networks the hiatus is described as 'indefinitely'. This will probably mean that when sport and racing resume in New Zealand both networks will be operational again. The \$50 million support package recently announced by government may also assist in putting the networks back on air. Radio Trackside does have a history. Many readers would remember the days when racing was carried by Radio New Zealand's commercial network. Radio Pacific took over racing commentaries in the early 1990s. Following its float on the NZ Stock Exchange the TAB became a major shareholder. The network was purchased by Canwest Global Communications in 2001 and then became part of Radio Works which later became Media Works and then NZME. Various formats were used until the network was purchased by the New Zealand Racing Board in 2015 when it became TAB Radio Trackside. It was simulcasting Trackside TV. Thanks to Wikipedia for the information above.

Brian Withers, Napier checks in with news that he's been hearing a pirate FM station 'I FM' on 89.1 on air between 6pm and midnight. They advertise a website that doesn't exist. (Must be very low powered if the outdoor aerial is needed).

That's all the news for this month, stay healthy and take care.

UTILITIES

Editor

Arthur DeMaine
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This month we welcome Mike Smith of Opunake to Utility section. Mike Jackson of Palmerston North has been busy with some very good loggings. With our borders closed and restrictions on travel there is very little air traffic around and into New Zealand. The Flightrader24 app now shows light private aircraft and helicopters.

FREQ UTC DETAILS OF TRANSMISSION

3458	1010	Guangzhou volmet woman aero weather poor to fair 25/04 ABD
4418	1920	ZMH Bluff Radio, wx, calls to southern region boats. Good signal. MS
5450	0540	RAF London aero weather poor 25/04 ABD
5505	0545	Shannon volmet woman with met reports fair 25/04 ABD
5505	0528	Shannon volmet with wx report for Stockholm Arlanda (MLA-30) 08/04 MJ
5628	0950	Tokyo SELCALs on KRLM (B744 N259UP) and calls UPS 127 and requests they call Polar 219 on guard and get them to call Tokyo on 5628 15/04 MJ
5642	1439	ALE-141 signal, 125 calling 175, possibly Chinese 12/04 MJ
5643	0847	Lufthansa 357 calls Auckland requesting a SELCAL check on BQHP (A388 D-AIMJ) 12/04 MJ
5643	1050	China Southern 306 calls Auckland who advises to continue on CPDL and sends a SELCAL check on FLGK (B77W B-209Y) 12/04 MJ
5643	1406	FedEx 9172 calls San Francisco but no response 12/04 MJ
5643	1409	San Francisco calls FedEx 9172 and SELCALs on FRHP and advises them to try calling on 3467 (B77F N854FD) 12/04 MJ
5643	0743	United 2780 calls Auckland. Auckland advises to continue CPDLC and sends a SELCAL check on BLJR (B789 N35953) 13/04 MJ
5643	1005	San Francisco SELCALs on ESFP (B789 N26960) and calls United 863 (San Francisco-Sydney) and advises secondary freq is 8867 18/04 MJ
5687	0434	Airforce Auckland advises Warrior 01 they are closing SELCAL watch time 0434Z 21/04 MJ
5711	0423	Kiwi 511 calls Airforce Auckland and request to go "Primary Mode". After authorisation an exchange of digital messaging ensues. 14/04 MJ
6232	1845	Australian Govt Bureau of Meteorology with forecasts. Strong. MS
6676**	1003	Australian Volmet woman s/off "Australian volmet out" 25/04 ABD
6676	1923	Singapore VOLMET signing off as "Singapore Radio out" 10/04 MJ
6708	2134	Snowbird 1 calls Mac Centre but I don't hear a response and no further comms on this frequency 16/04 MJ
8846	2004	Rather faint communication between I think 5W-JMJ and an unidentified ground station with the aircraft advising they departed Niue at 1946 FL180 in the block 160 to 200 estimate ORAGI 2052 MIBOR 2146 Rarotonga 2200 POB 10 18/04 MJ
8861	0739	Moresby calls N293EA but there's no reply 26/04 MJ
8867	2315	Kiwi 330 is cleared by Nadi to deviate 30nm right of track. SELCAL code is BGCD (P-3K NZ4203) 08/04 MJ
8867	2352	ZK-FDR calls Auckland and advises departed Chatham Islands 41 climbing

to FL240 estimate DABAP 0018 DOPOM next 08/04 MJ

8867 0404 Kiwi 330 is advised by Nadi to contact Auckland at position IGATO on 8867 secondary 13261 09/04 MJ

8867 0913 Airwork 1 calls Brisbane and reports OLREL 0913 FL360 JUMPA 1017 MAGDA next speed mach .75. Brisbane advises they accept guard primary 8867 secondary 5643 and at MAGDA contact Centre on 128.6. SELCAL check was good on BPJQ (B734 ZK-TLM) 09/04 MJ

8867 1530 Brisbane appears to be simultaneously broadcasting on at least three frequencies as the following contact would be on one of the INO-1 frequencies of 5634 or 8879. Brisbane calls Air Medic 25 and requests SELCAL check on GSEP (VH-PFW G150). This flight is en route Singapore to Diego Garcia 10/04 MJ

8867 1531 Brisbane appears to be simultaneously broadcasting on at least three frequencies as the following contact would be on one of the INO-1 frequencies of 5634 or 8879. Brisbane advises Air Mauritius 102 that Melbourne clears Air Mauritius 102 to deviate up to 20nm left and right of route, read back. Comms is difficult and Brisbane asks the flight to call on 8879 10/04 MJ

8867 1533 Brisbane appears to be simultaneously broadcasting on at least three frequencies as the following contact would be on one of the INO-1 frequencies of 5634 or 8879. Brisbane requests station calling on 5634 say again callsign. Callsign is Qatar 923 and Brisbane advises primary 5634 secondary 8879 and sends a SELCAL check on EGJP (A7-BBE B772) 10/04 MJ

8867 1535 Brisbane appears to be simultaneously broadcasting on at least three frequencies as the following contact would be on one of the INO-1 frequencies of 5634 or 8879. Brisbane requests the SELCAL code of an aircraft calling on 5634. Flight is CKS (Kalitta) 259 and Brisbane advises them to continue on CPDLC and sends a SELCAL check on FHAB (N773CK B77F) 10/04 MJ

8867 2254 Lufthansa 357 calls Auckland and is advised to continue on datalink and gets a SELCAL check on FJEL (A388 D-AIMC) Auckland-Bangkok 10/04 MJ

8867 0011 QANTAS 7552 calls Auckland. Auckland advises to continue CPDLC and sends a SELCAL check on DKEM (B748 N854GT) 13/04 MJ

8867 2238 Kiwi 511 calls Auckland but no two way comms can be established, Auckland sends a SELCAL check on KMEF (NZ4205 P-3K) and Kiwi 511 advises they are ops normal and will call again at 0000 13/04 MJ

8867 2301 Auckland calls Delta 8874 and advises them to call on 13261 13/04 MJ

8867 0028 ZK-NXJ calls Auckland and reports DUGAN 0029 FL 400 estimate MINET 0113 LEKAX next. Auckland advises primary 8867 secondary 5643 SELCAL check on PQEF 14/04 MJ

8867 2050 Snowbird 1 calls Auckland and reports AKODA 2235 FL380 OMKUN 2306 COOPS next. Auckland advises at OMKUN contact Brisbane primary 8867 secondary 5643 SELCAL check is good on FRLP (A319 VH-VHD) 17/04 MJ

8867 2039 Auckland discusses a SIGMET with Frigate 600 (N600WG FA50) and then advises they are cleared 40 miles off track to avoid weather 18/04 MJ

8867 2117 Fiji 1913 calls Nadi and requests a pre-flight SELCAL check. The check is good on HMAG (A359 DQ-FAJ) 26/04 MJ

8870 0603 Break, break, this is New York Radio. This frequency is assigned for the use of aircraft and approved stations of the Aeronautical Mobile Service. You are in violation of international law causing serious ? to the safety of flight communications. Please shift to an authorised working frequency. 06/04 MJ

- 8870 0847 San Francisco wkg Reach 6E1 with a SELCAL check on JMQR 26/04 MJ
 8870 0848 293EA calls San Francisco and reports FL200 and estimate KAPOK 1026. SFO advises at KAPOK contact Guam on 118.7 26/04 MJ
 8879 1532 Brisbane advises Air Mauritius that Melbourne Centre clears Air Mauritius to deviate up to 20nm left and right of route. Primary is 8879 secondary 5634 SELCAL check on DQJL (3B-NBE A343) 10/04 MJ
 8888 1041 Novosibirsk volmet in Russian 25/04 MJ
 8912 0453 New York HF DL Ground Station squitter 28/04 MJ
 8942 0829 Manila wkg Saudi Air 861 with a SELCAL check on PSEF (B773 HZ-AK24) 26/04 MJ
 11297 0358 Rostov volmet in Russian 09/04 MJ
 13261 2308 Snowbird 1 calls Brisbane and gets a SELCAL check on FRLP 17/04 MJ
 13261 2321 Auckland SELCALs on AJDS (B752 N888LT) and Magellan 600 (Honolulu-Pago Pago) is faintly heard requesting deviation of 50 miles 17/04 MJ
 13306 0356 Unity 612 gets the weather from Brisbane for Christmas Island. SELCAL is CSPR (F70 VH-QQX) 09/04 MJ
 13351 0421 HF DL downlink of HF ACARS from VH-EXZ - Tasman 1 enroute Sydney to Auckland 10/04 MJ
 16804 0123 DSC Check from COMMSTA Portsmouth to COMMSTA Portsmouth, USA. That's a whopping 13,972 km range! 26/04 MJ

CONTRIBUTORS

- MJ** Mike Jackson, Palmerston North – Airspy HF+ Discovery and Delta Loop.
MS Mike Smith, Opunake - Panasonic DR31 and SSE EWE
ABD Arthur De Maine, Ashburton – Elad FDM-S2 SDR and Temp NE EWE 3mx7.5mx3m
ABD** Arthur De Maine, Ashburton – Northland SDR

Arthur



Sugarloaf in 1990, all that remains of the sign today are the posts that held the sign!

rather than a QSL. It contains some of the same text and graphics as the QSLs, but some different content as well. We have posted the pamphlet under "DX History/QSLs & Other Station Memorabilia." -- And thanks to Colin Miller for the recording of Radio Republik Indonesia, Pekanbaru, from the late 70s/early 80s, probably 5885 kHz, 5 kw. Find it under "Specialized Resources/The DX Recordings of Colin Miller."

<www.ontheshortwaves.com> Update, April 26, 2020 -- We conclude our series of photos from the Globe Circler, bulletin of the International DXers Alliance. Look for IDA Photo Album IV in "DX History/Clubs & Publications." It contains 50 photos of local and international broadcasters. We have also posted a copy of the IDA By-Laws from the 1930s.

INTERESTING FACTS ABOUT VENEZUELA AND US

*Date Sent Feb. 21, 1935
" Rec April 8
2200 miles*

YV1RC
960 KC 312.5 M

BROADCASTING CARACAS

ALL OUR PROGRAMS ARE RELAYED BY YV2 RC 6112 Kc.
YOU HAVE HEARD US!

We are pleased to certify that your report about reception of our transmission is correct, and as proof of it we extend this verification. Trusting that the information contained in this booklet will be of interest to you, we remain,

Very cordially yours,
BROADCASTING CARACAS

USTED NOS HA OIDO!

Nos place certificar que su reporte sobre recepción de nuestra transmisión es correcto, y en prueba de ello, extendemos esta certificación.

Esperando que la información contenida en este folleto le sea de interés, quedamos de Ud.

Muy cordialmente,
BROADCASTING CARACAS

Director
CARACAS - VENEZUELA S. A.
March 21st 1935

MR. SR. *Charles T. Pearce*
Mumfords, New York

Third Edition - September 1934

The YV1RC QSL referred to on page 48 - if only Venezuela still verified like this!

(Thanks to ontheshortwaves.com for the use of the picture).



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, March 29, 2019 -- In the 1930s, DX bulletins were often commercially printed and had a pretty professional look to them. But usually there weren't many pictures. Although the Globe Circler, the bulletin of the International DXers Alliance, wasn't as good looking as some of the others, one thing it had was pictures. There was one on the cover of every issue, and others inside. They were small and grainy, and always black-and-white, but the photos--especially those of IDA members--gave the IDA more of a "club" feel than did some of the other DX groups. We have gone through many issues of the IDA bulletin, from 1932 to 1943, pulled out some of the more interesting photos, and assembled them into three PDFs, which we will be posting in "DX History/ Clubs & Publications." The first one covers two areas, IDA members and "professional monitoring."

<www.ontheshortwaves.com> Update, April 5, 2020 -- For many years, shortwave listening was promoted by electronics magazines—Radio News, Popular Electronics, in more recent years Popular Communications, and many, many others, and it was common for SWLs to "get their start" by way of these magazines. Sometimes the magazines would put together compendiums of articles or other information for its readers. Often they promoted the magazine's more technical side. An example is the "Short Wave Radio Quiz Book and Kinks," which we have posted under "DX History/Equipment & Advertising." It was published in 1938 by Short Wave & Television, formerly known as Short Wave Craft. As can be seen, its appeal would have been almost completely to the constructor and the technically inclined.

<www.ontheshortwaves.com> Update, April 12, 2020 -- In "DX History/Clubs & Publications," you will find the second of three postings of photos from the Globe Circler, the bulletin of the International DXers Alliance. This second posting contains Part III of the series (the first posting contained Part I, on club members, and Part II, on professional monitoring). Also this time, under "Specialized Resources/Wavescan," we have four new Wavescan stories from Dr. Adrian M. Peterson. They are: (1 & 2) "The Happiest Place on Earth—Vanuatu Back on Shortwave," Pt. I, Wavescan #N576 (March 8, 2020) & Pt. II, Wavescan #N578 (March 22, 2020); (3) "The Early Shortwave Scene in South American Paraguay," Wavescan #579 (March 29, 2020); and (4) "American Radio Station on Vanuatu," Wavescan #581 (April 12, 2020).

<www.ontheshortwaves.com> Update, April 19, 2020 -- I believe there are a couple of different versions of the QSL pamphlet that was used in the 1930s by Venezuelan station YV1RC-YV2RC, "Broadcasting Caracas." You can see one of them in the shortwave broadcast section of "The CPRV Gallery" (under "YV1RC"). Now we have found a similar item, "Welcome to Venezuela via YV2RC," which is a 16-page promotional pamphlet
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