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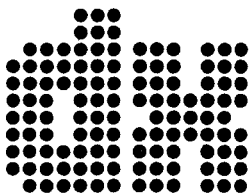
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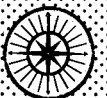
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WORLD WIDE DX CLUB



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Each of the editors mentioned above is self-responsible for the contents of his composed column. Furthermore, we cannot be responsible for the contents of advertisements published in DX MAGAZINE.

We have no fixed deadlines. Contributions may be sent either to WWDXC Headquarters or directly to our editors at any time. If you send your contributions to WWDXC Headquarters, please do not forget to write all contributions for the different sections on separate sheets of paper, so that we are able to distribute them to the competent section editors.

- WORLDWIDE DX CLUB homepage in the Internet: <<http://www.wwdxc.de>>
- Weekly "TopNews" by Wolfgang Büschel: <<http://topnews.wwdxc.de>> (available free of charge by eMail to our members on request)
- Archive copies of DX MAGAZINE (PDF) since the year 2000: <<http://online.wwdxc.de>>



eQSL Europa24 for report on 6150 kHz via Siegbert Gerhard, Germany

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DX MAGAZINE No. 1

Vol. LVI

January 2021

Hello again,

Welcome to the first issue of our DX MAGAZINE in this New Year 2021. Let me take this opportunity to wish you a very happy, healthy and successful year. Additionally, let me thank all of you who have paid their membership/subscription fees for the year 2021 recently and/or have ordered the new WORLD RADIO TV HANDBOOK 2021 from us and especially those who have added a donation for the club to their payment.



And now over to our usual information from outside the club: (Cf. DXM 10/2020) **Klingenfuss Publications** have published their five new products for 2021 by December 3rd, 2020:

- 2021 Super Frequency List on CD
- 2021 Shortwave Frequency Guide
- 2021/2022 Guide to Utility Radio Stations
- 2021 Frequency Database for the Perseus LF-HF Software-Defined Receiver
- 1997-2021 Digital Data Decoder Screenshots on USB Stick

Full information about these publications and ordering information can be found in their advertisement on the last page of this DX MAGAZINE. **(Klingenfuss Publications - Jörg Klingenfuss, Germany)**

OM Anker Petersen has recently published the 2021 edition of his **Tropical Bands Monitor 2020**. It can be downloaded from the website of the The Danish Shortwave Club International <<http://www.dswci.org/>> → "Tropical Bands Monitor" → "Latest Issue".

And with this best wishes and good DX until next month from

NEWS ABOUT BROADCASTING (+other) STATIONS

Editor: WALTER EIBL ■ eMail: <news@wwdxc.de>

ARMENIA - Frequency change of BBC via Yerevan Gavar from December 14:
0100-0200 NF5945 ERV 300 kW 100 deg to SAs English, ex5970 kHz.
(Ivo Ivanov-BUL, hcdx via wwdxc BC-DX TopNews Dec 10)

ARMENIA / KYRGYZSTAN - Trans World Radio is resuming its transmission in Russian (after end at 26th of October 2020), confirmed on Monday January the 4th 2021 at 1800-1815 on MW 1350 from studio in Bishkek. At the end of prgr a phone number was announced +77073858393 in Kyrgyzstan. It is from a same studio where is compiled the prgr "The Way To Truth" in Russian Mondays through Fridays at 1725-1755 on MW864 (864&1350 txs are both from Armenia). (Rumen Pankov-BUL).

ASCENSION ISL. - Additional program of Trans World Radio Africa via ENC Encompass Digital Media Services, replacing Babcock, Ascension 1700-1900 17745 ASC 250 kW 70 deg to EAF Arabic eff from January 1.
(Ivo Ivanov-BUL, hcdx via wwdxc BC-DX TopNews Dec 4)

AUSTRIA - 12025 kHz AWR Pakistan, Urdu Service via ORS Moosbrunn, at 1403 UT on Dec 24, wonderful FM-like signal at 1403 UT with sentimental subcontinental ballad by OM with full orchl accompaniment and chorus. This service originates from a studio in Lahore. 1405 UT long religious message by YL in Urdu. Armchair quality reception. IDs and addresses, URLs etc at 1415 UT pgm break.
(Ralph Perry-Wheaton-IL-USA, NASWA WOR Dec 27/28)

NHK World Radio Japan on new 6185 kHz. Good reception of NHK Radio Japan in English early this morning (1st Dec) at 0430-0459 UT on new 6185 kHz via ORS Moosbrunn, Austria.

Originally NHK R Japan had 6155 kHz scheduled for English to Europe at 0430 (Mon-Fri), 0500 (Sat-Sun) in B-20. (they had used 5975 successfully in A-20 period).

Usual programming: "NHK Newslines" relay of TV news then world weather followed by "Hometown Stories" about Japanese bus company in Covid era.

Closing "frequency notice" just mentioned 6185 kHz to Europe Mo-Fr at 0430 UT and Sa-Su 0500 UT, plus 7445 kHz for South Africa at these times (previous half hour 0400-0429 UT, 6185 kHz carried AWR in Turkish, also via ORS Moosbrunn, so making hearing Mexico impossible I think for this hour).

Unsure of the reason for the frequency switch to 6185 as 6155 kHz seemed clear here at this time here. Or why English to Europe is always so early from NHK anyhow. At 0430 UT, most English speakers in Europe (i.e. in UK) are still asleep? (Alan Pennington-UK, BrDXC-Uk newsgroup Dec 1)

Re: NHK World Radio Japan on new 6185 kHz (ex6155). Okay, right, is not the superstation at present in use ...

<<http://wbcq.com/schedule/index.php?fn=sked&freq=All>>

when WBCQ opened the new 300 kW Thales Ampegon TX unit earlier this year they also used the 6160 kHz (for test serie then), now at the B-20 FCC they requested older v6159.9 kHz transmitter unit of lower 50 kW power towards Latin America at 245 degrees azimuth.

Otherwise re 6185/6155 I guess ORS Moosbrunn Austria bcast center is short of 3rd / 4th transmitter unit at times in repair, so therefore, ORS technicians avoid any frequency change to the same antenna system speedy - within a few crash start seconds in time frame xx.59 / x.00 h/m, or xx.29 / x.30 h/m.
(wb df5sx, wwdxc BC-DX TopNews Dec 2)

BRAZIL - 6134.886 kHz Radio Aperecida, S=5-6 at 04.20 UT on Dec 14. Station ID heard at 04.22 UT, fluttery cross Equator signal. Nearby OTHR 6102 kHz, then hopped to 6143 kHz.

[selected SDR options, span 12.5 kHz RBW 15.3 Hertz](wb df5sx, wwdxc BC-DX TopNews Dec 14)

4925 kHz R. Educacao Rural (- or Radio Rural), Brasil, Tefe; Dec 11, 2359-2307 UT relaying its FM channel (93.9 MHz), pop music, ToH recorded ID "Radio Rural 93.9 ... Amazonia ... por um mundo melhor" (but sometimes announcer mentions "Radio Educacao Rural"), "boa noite, sexta feira dia 11 de dezembro ... oito horas e tres minutos ... desmatamento de madeira", ads: "tome Vitamel". Poor but partially readable.

15190v kHz. Monday Dec 21, at 1700-1715 UT, Radio Inconfidencia, Contagem-MG, in Portuguese. A song; Woman announcer makes a interview with Aline; ID. Fair reception.

15190.028 kHz poor S=4-5 here in southern Germany at 17.38 UT Dec 21. wb
(Jose Ronaldo Xavier-PB-BRA, hcdx Dec 21, via wwdxc BC-DX TopNews)

5939.472 kHz much odd fq BRA Radio Voz Missionaria BrasPort language sce, S=5 or -88dBm in Florida state at 08.08 UT on Dec 4.

Checked some channels on remote access of Victor's Perseus SDR rx. As previously noted often, an excellent equator propagation path between Brazil and Sri Lanka South Asia is to mention:

9664.819 Radio Voz Missionaria, Camboriu SC, in BrasPort, S=6 or -87dBm. S=4-5 or -101dBm poor at 22.24 UT on Dec 7.

9818.848 kHz odd fq of Radio 9 De Julho, Sao Paulo, BrasPort, S=4-5 or -101dBm poor at 22.27 UT on Dec 7.

[selected SDR options, span 12.5 kHz RBW 15.3 Hertz] (wb df5sx, hcdx & wwdxc BC-DX TopNews Dec 4 / 7)

11910 kHz DRM mode transmission from Brazil Is back. DRM aus Brasilien Experimentierfunk sendet jetzt den digitalen Block 30 kHz hoeher. Grosser Dank den Brasilianern, die haben schnell auf die Interferenzvorhaltungen reagiert und haben Raul's RHC Africa Frequenz 11880 kHz 21-23 UT nunmehr geraeumt.

2100-2130 11880 BAU 100 100 SAf French Africa ex7380
 2130-2200 11880 BAU 100 100 SAf Portuguese Africa ex7380
 2200-2300 11880 BAU 100 100 SAf English Africa ex7380
 antenna Bauta #3, HRS4/4/0.8, 130degr minus 30degr slewed

Um 20.41 UT DRM 11910 kHz S=9+15dB in Edmonton, S=9 -74dBm in Michigan, S=7 -91dBm in Texas, manchmal klappt decodierung SNR 11.5 dB, andere US Anlagen liefern nur klaeglich SNR 4.1 oder 2.9. ID: "Brasil DRM Experiment EEP Data 14.06 kbps"
 (wb df5sx, hcdx & wwdxc BC-DX TopNews Dec 4)

CHINA - 7419.982 PBS Nei Menggu Chinese scheduled 21.50-24.00 UT, fair S=8 -76dBm signal of domestic sce, at 23.02 UT on Dec 7.

7225.002 kHz PBS Sichuan, Chengdu, Mandarin Chinese, scheduled 22.10-24.00 UT; and co-channel 7225.006 kHz of Voice of IRIB in Hausa language towards Africa, heard in South Asia at Piliyandala remote Perseus SDR rx, 22.20-23.20 UT, S=7-8.

5959.893 kHz PBS Xinjiang from Urumqi, far northwestern China bcast center 23-24 UT, Mandarin Chinese at 23.17 UT on Dec 7.

[selected SDR options, span 12.5 kHz RBW 15.3 Hertz](wb df5sx, wwdxc BC-DX TopNews Dec 7)

CONGO - 6115 kHz, R. Congo, Congo, Brazzaville; Dec 9, 0536-0543 UT two male in French discussion outside, short african percussion sounding like marimba as bridge to a female "Congo", male outside, studio female, short african music as before as a bridge to a pop music. Fair, clear.
 (Lucio Bobrowiec-BRA, hcdx Dec 12)

CUBA - Log 13.25 - 14.10 UT in Cape Canaveral and Rochester NY, on Dec 4th:

6000even RHC Quivican S=9+40dB at 13.25 UT distorted audio transmission
 6100even RHC Bauta S=9+35dB at 13.30 UT
 9535.002 RHC Bejuca1 S=9+30dB at 13.32 UT MEX-GTM-CTR-Panama
 9650.002 RHC Bejuca1 S=9+20dB at 13.34 UT Antilles
 11760even RHC Bauta S=8-9 at 13.36 UT all Caribbean non-dir
 13740even RHC Bejuca1 S=9 at 13.37 UT
 15140even RHC Bauta S=9 at 13.42 UT
 15230even RHC Quivican S=8 at 13.50 UT distorted audio transmission

and later hour

13700even RHC Bauta S=9 at 14.06 UT

[selected SDR options, span 12.5 kHz RBW 15.3 Hertz](wb df5sx, wwdxc BC-DX TopNews Dec 4)

Winter B-20 schedule of RHC / Radio Rebelde / Radio Progreso / CRI LatAM Quivican relay and Cuban Spy Numbers HM01 by transmitters:

{sorry, terrible sorting, wb.}

1200-1600 11760 BAU 100 kW non-dir NCAM Spanish RHC
 1600-1630 11760 BAU 100 kW non-dir NCAM Spanish Mo-Sa RHC
 1600-1630 11760 BAU 100 kW non-dir NCAM Esperanto Su RHC
 1630-1900 11760 BAU 100 kW non-dir NCAM Spanish RHC

2200-0300	11760	BAU	100	kW	non-dir	NCAm	Spanish	RHC
0000-2400	5025	BAU	100	kW	non-dir	CSAm	Spanish	Radio Rebelde
1200-1400	6100	BAU	100	kW	340 deg	WNAm	Spanish	RHC
1900-1930	15140	BAU	100	kW	340 deg	WNAm	Arabic	RHC
1930-2000	15140	BAU	100	kW	340 deg	WNAm	Creole	RHC
2000-2100	15140	BAU	100	kW	340 deg	WNAm	English	RHC
2100-2130	15140	BAU	100	kW	340 deg	WNAm	French	RHC
0000-0100	11950	BAU	100	kW	340 deg	WNAm	Spanish	Tue-Fr Mesa Redonda RHC
0100-0700	9700	BAU	100	kW	340 deg	WNAm	English	RHC
1400-1600	13700	BAU	100	kW	310 deg	WNAm	Spanish	RHC
0600-0700	6100	BAU	100	kW	310 deg	WNAm	English	RHC
0700-0800	6100	BAU	100	kW	310 deg	WNAm	English	RHC
0800-0830	6100	BAU	100	kW	310 deg	WNAm	Esperanto	Sun RHC
1200-1500	13740	BAU	100	kW	160 deg	SAm	Spanish	RHC
2200-0500	13740	BAU	100	kW	160 deg	SAm	Spanish	RHC
1200-1600	15140	BAU	100	kW	130 deg	SAm	Spanish	RHC
0000-0500	11670	BAU	100	kW	130 deg	SAm	Spanish	RHC
2100-2130	11880	BAU	100	kW	100 deg	SAf	French	RHC
2130-2200	11880	BAU	100	kW	100 deg	SAf	Portuguese	RHC
2200-2300	11880	BAU	100	kW	100 deg	SAf	English	RHC
2030-2100	13680	BAU	100	kW	040 deg	WEu	French	RHC
2100-2130	13680	BAU	100	kW	040 deg	WEu	Portuguese	RHC
2130-2200	13680	BAU	100	kW	040 deg	WEu	Arabic	RHC
2200-2400	13680	BAU	100	kW	040 deg	WEu	Spanish	RHC
1600-1630	15140	BAU	100	kW	010 deg	ENAm	Spanish	Mo-Sa RHC
1600-1630	15140	BAU	100	kW	010 deg	ENAm	Esperanto	Su RHC
1630-1900	15140	BAU	100	kW	010 deg	ENAm	Spanish	RHC
2200-2400	5040	BAU	100	kW	083&263	Cuba	Spanish	RHC
0000-0100	5040	BAU	100	kW	083&263	Cuba	English	RHC
0100-0130	5040	BAU	100	kW	083&263	Cuba	Creole	RHC
0130-0200	5040	BAU	100	kW	083&263	Cuba	French	RHC
0200-0600	5040	BAU	100	kW	083&263	Cuba	Spanish	RHC
0600-0700	5040	BAU	100	kW	083&263	Cuba	English	RHC
1200-1600	9535	BEJ	100	kW	230 deg	CAm	Spanish	RHC
2200-0600	9535	BEJ	100	kW	230 deg	CAm	Spanish	RHC
2330-2400	15730	BEJ	050	kW	135 deg	SAm	French	Mo-Sa RHC
2330-2400	15730	BEJ	050	kW	135 deg	SAm	Esperanto	Su RHC
0000-0030	15730	BEJ	050	kW	135 deg	SAm	Creole	RHC
0030-0100	15730	BEJ	050	kW	135 deg	SAm	Portuguese	RHC
0100-0130	15730	BEJ	050	kW	135 deg	SAm	French	RHC
1200-1600	9650	BEJ	050	kW	110 deg	SAm	Spanish	RHC
2200-0500	9650	BEJ	050	kW	110 deg	SAm	Spanish	RHC
0130-0500	4765	BEJ	050	kW	non-dir	Cuba	Spanish	Radio Progreso
0458-0548	10860	BEJ	050	kW	unknown	EuAM	Spanish	Su/Mo/Wed/Fr HM01
0458-0548	11462	BEJ	050	kW	unknown	EuAM	Spanish	Tue/Thu/Sa HM01
0558-0648	10345	BEJ	050	kW	unknown	EuAM	Spanish	Su/Mo/Wed/Fr HM01
0558-0648	14375	BEJ	050	kW	unknown	EuAM	Spanish	Tue/Thu/Sa HM01
0658-0748	9330	BEJ	050	kW	unknown	EuAM	Spanish	Su/Mo/Wed/Fr HM01
0658-0748	13435	BEJ	050	kW	unknown	EuAM	Spanish	Tue/Thu/Sa HM01
0758-0848	9065	BEJ	050	kW	unknown	EuAM	Spanish	Su/Mon/Wed/Fr HM01

0758-0848 11635 BEJ 050 kW unknown EuAM Spanish Tue/Thu/Sa HM01
 0858-0948 9240 BEJ 050 kW unknown EuAM Spanish Su/Mo/Wed/Fri HM01
 0858-0948 11462 BEJ 050 kW unknown EuAM Spanish Tue/Thu/Sa HM01
 0958-1048 9155 BEJ 050 kW unknown EuAM Spanish Su/Mo/Wed/Fr HM01
 0958-1048 12180 BEJ 050 kW unknown EuAM Spanish Tue/Thu/Sa HM01
 1558-1648 11435 BEJ 050 kW unknown Am,Eu Spanish Daily HM01
 1658-1748 11530 BEJ 050 kW unknown Am,Eu Spanish Daily HM01
 1758-1848 11635 BEJ 050 kW unknown Am,Eu Spanish Daily HM01
 2058-2148 11635 BEJ 050 kW unknown Am,Eu Spanish Su/Mo/Wed/Fr HM01
 2058-2148 16180 BEJ 050 kW unknown Am,Eu Spanish Tue/Thu/Sa HM01
 2158-2248 10715 BEJ 050 kW unknown Am,Eu Spanish Su/Mo/Wed/Fr HM01
 2158-2248 17480 BEJ 050 kW unknown Am,Eu Spanish Tue/Thu/Sa HM01
 2258-2348 11530 BEJ 050 kW unknown Am,Eu Spanish Su/Mo/Wed/Fr HM01
 2258-2348 17540 BEJ 050 kW unknown Am,Eu Spanish Tue/Thu/Sa HM01

2300-2357 5990 QVC 250 kW non-dir CAm English CRI
 0000-0057 5990 QVC 250 kW non-dir CAm Spanish CRI
 1200-1500 6000 QVC 250 kW non-dir NCAm Spanish RHC
 1300-1600 15230 QVC 250 kW 305 deg WNAm Spanish RHC
 0300-0357 5910 QVC 250 kW 305 deg WNAm English CRI
 0400-0457 5910 QVC 250 kW 305 deg WNAm Cantonese CRI
 1500-1557 15700 QVC 250 kW 305 deg WNAm English CRI
 2200-0600 11850 QVC 250 kW 170 deg SAm Spanish RHC
 0000-0057 15120 QVC 250 kW 160 deg SAm Spanish CRI
 2300-2400 15230 QVC 250 kW 160 deg SAm Portuguese RHC
 0000-0600 15230 QVC 250 kW 160 deg SAm Spanish RHC
 2300-2357 13650 QVC 250 kW 135 deg SAm Portuguese CRI
 0000-0100 6000 QVC 250 kW 010 deg ENAm Spanish Tue-Fr Mesa Redonda RHC
 0100-0700 6000 QVC 250 kW 010 deg ENAm English RHC
 0100-0157 6180 QVC 250 kW 010 deg ENAm English CRI
 0200-0257 6180 QVC 250 kW 010 deg ENAm Chinese CRI
 1200-1257 9570 QVC 250 kW 010 deg ENAm Cantonese CRI

Transmitter sites: BAU=Bauta, BEJ=Bejucal, QVC=San Felipe Titan-Quivican.
 (Ivo Ivanov-BUL, hcdx via wwdxc BC-DX TopNews Dec 2)

CUBA / BULGARIA - Radio Habana Cuba and Brother Stair on 13700 kHz, Dec. 3:

1400-1600 13700 BAU 100 kW 310 deg to WNAm Spanish Radio Habana Cuba
 1400-1800 13700 SOF 50 kW 126 deg to NE/ME English Brother Stair TOM
 Fair signal of Radio Habana Cuba on 13700 kHz via SDR Boca Raton Florida, USA remotely net.

Very good signal of Brother Stair on 13700 kHz via SDR Heimiswil, SUI.

Wrong 11700 kHz 16-18 UT in Brother Stair schedule <<https://overcomerministry.org/radio-schedule/>>
 is 13700 kHz 14-18 UTC !

(Ivo Ivanov-BUL, hcdx via wwdxc BC-DX TopNews Dec 3)

DENMARK - Radio208 on 5970 kHz, good signal (S=9+10dB) of Radio208 here in Goettingen/Germany on new 5970 kHz, even with 50 watts power only. 1220 UTC classic rock, IDs, The Rock of Copenhagen (Harald Kuhl-D, BrDXC-UK newsgroup Dec 11)

Radio208 has transmitter problems. 5805 kHz (250 watt) from Hvidovre went silent late on November 22nd. Back on the air on the new frequency of 5970 kHz (200 watt) December 9th - but nothing on December 10th. Today December 11th from 1030 UTC the transmitter is back on the air, but we have lowered power to 50 Watt only, hoping that the transmitter can work with this. So Radio208 now on 5970 kHz (50 Watt) daily 0700-1600 UT.

1440 kHz (24h) remains on the air from Ishoj, Copenhagen.

Reception reports are welcome to Radio 208, P.O.Box 112, DK-8960 Randers S+, Denmark (for a printed QSL-card and stickers - please enclose return postage 2 IRCs or 5 euro if you can) or via email to <mail -at- radio208.dk> (for an eQSL).

Please note that reception reports using remote receivers are not QSLed. I try to reply to all reports within 1-2 months.

ERITREA - 7140.020 kHz Thanks to a tip of hjb Hans-Joerg Biener Germany noted a tiny signal of Asmara Eritrea twice this Monday UT afternoon 7140.020 kHz at 15.56 UT Dec 14 noted in Athens Greece and Doha Qatar ME Perseus Net remotely, but on very tiny 1 to 5 kW power level, when compared to other well known signals from NE and ME / HoAF, SoAsia.

Now at 17.06 UT on Dec 14 again same tiny signal on real Asmara 'footprint frequency'.

7140.018 kHz at 05.32z on Dec 15 noted in Doha Qatar and central Europe at HB9ALH Bodensee St.Gallen and HA1VHF in western Hungary, - on Perseus Net remotely, but on very tiny 1 to 5 kW power level, when compared to other well known broadcast signals from Near East and Middle East / Horn of Africa, SoAsia target.

Same tiny signal on real Asmara 'footprint frequency', today Dec 15 some 2 (two) Hertz on lower fq side on 7140.018 kHz.

The Program-2 outlet of 7180v kHz could'nt observed so far yet.

[selected SDR options, span 12.5 kHz RBW 15.3 Hertz] (wb df5sx, wwdxc BC-DX TopNews Dec 13 / 14 / 15)

ETHIOPIA - Von den 4 Gedja Stationen ist nur Tigray 5950 kHz ausser Betrieb, dagegen haben kuerzlich die DXer in NZL die 3 uebrigen Programm Signale aus Gedja auf Oromiya 6030, Amhara 6090, und Fana 6110 kHz auf Sendung bestaetigt.

6030 kHz ist mehrfach belegt, und auch bei uns nicht leicht zu hoeren, von CNR DRM-mode Beijing site, US AGM antiCuba Radio Marti aus Greenville-NC-USA, sowie begleitende kubanische Jammer aus Bejucal.
(wb df5sx, wwdxc BC-DX TopNews Dec 12)

6030.002 kHz Radio Oromiya Gedja noted at 03.49 UT in Doha Qtar remote Perseus installation. But was OFF air at 04.00 UT then. S=5 or -96dBm.

6090.006 kHz R Amhara, Gedja site, in Amharic heard in Qatar, 03.51 UT usual typical HoA music program. Stronger than 6030, at S=7 or -83dBm.

6110.002 kHz Radio Fana from Gedja site, also HoA music at 03.51 UT on Dec 14. S=7-8 or -76dBm.

[selected SDR options, span 12.5 kHz RBW 15.3 Hertz](wb df5sx, wwdxc BC-DX TopNews Dec 14)

FRANCE - Radio France International in Mandingo and Fulfulde, eff from December 24:

0700-0730	9710 F 500 kW	198 deg to WAF	Mandingo Daily
0730-0800	11875 F 500 kW	180 deg to WAF	Fulfulde Daily
0800-0830	15455 F 500 kW	198 deg to WAF	Mandingo Daily
0830-0900	15455 F 500 kW	180 deg to WAF	Fulfulde Daily
1200-1230	17815 F 500 kW	198 deg to WAF	Mandingo Daily
1300-1330	17660 F 500 kW	180 deg to WAF	Fulfulde Daily
1700-1730	11780 F 500 kW	200 deg to WAF	Mandingo Daily
1730-1800	11780 F 500 kW	180 deg to WAF	Fulfulde Daily

(Ivo Ivanov-BUL, hcdx via wwdxc BC-DX TopNews Dec 14)

Re: Radio France International in Mandingo and Fulfulde effective from December 24:

On Monday, 14 Dec, Radio France Internationale expanded its short wave service to Africa in Fulfulde (ex weekends, now 2 h daily) and in Mandinka (ex 1 h, now 2 h daily). Some thirty journalists and technicians were recruited from all over the sub-region to strengthen the editorial staff based in Dakar, Senegal.
(hjb, WOR 16 Dec)

This expansion particularly concerns the output in Fulfulde. Around 50 million foulaphones can now wake up with a news bulletin in their language. At the presentation: Abdoulaye Dicko (originally from Mali) said.

"Fulfulde is a language spoken from the Atlantic to the Red Sea. Obviously, there are words that differ. We agreed from the start that our programmes need to be understood by the greatest number of people whatever the country."

RFI in Fulfulde deals with regional, African and international news. Ibrahima Timbi Bah (from Guinea) is editor-in-chief. "RFI fills a big void There is a lot of local media in the Fulfulde language but it's just for a country, for a region, sometimes for a small prefecture. RFI's service is interested in what is happening in the world."

It provides two hours of daily programmes, including magazines dedicated to education, the economy, the environment, gender equality, and health. "Priority Health for example helps the audience to have the right information on health and well-being issues," said Rama Diallo (from Burkina Faso), presenter of the show.

<<https://www.rfi.fr/fr/afrique/20201214-rfi-diffuse-d%C3%A9sormais-en-langue-fulfulde>>
(14 Dec, excerpted by hjb, WOR Dec 16)

Frequency change of Deutsche Welle in Amharic from Dec 17 1600-1700 NF 9555 ISS 500 kW 130 deg to EAs, ex 15275 kHz but till February 24, 2021. And again on 15275 ISS 500 kW 130 deg to EAs, Amharic effective from February 25, 2021 // frequency 11830 ISS 500 kW 130 deg to EAs Amharic Deutsche Welle remain unchanged!
(Ivo Ivanov-BUL, hcdx via wwdxc BC-DX TopNews Dec 11)

13725even TDF Issoudun site 500 kW, NHK Radio Japan performance of NHK Persian service Tokyo at 14.30-15.00 UT, S=8 MUCH FLUTTERY signal across the Atlantic Ocean at 14.39 UT on Dec 2.

[selected SDR options, span 12.5 kHz RBW 15.3 Hertz](wb df5sx, wwdxc BC-DX TopNews Dec 2)

FRANCE / FINLAND - Re: Wed and Sa 17545 kHz to Africa, 15.30-16.00 UT.

Only "E" still exists {formerly 16 x txs, wb.}, the even older antennas had been removed to clear the space for the 16{sic rather 12x, wb.} new transmitter / antenna combinations when they have been built. It has been repeatedly mentioned that the transmitters of these 16{12} new units allow only 250 kW as reduced power option in routine operations.

I think 17545 kHz is specified as using antenna type "#227" rather than "#217"? This points at the old curtain antennas, too.

When the shortwave operations at Pori-Preiviiki Finland ceased it had been reported that the transmitters have been taken away to Issoudun. So it appears that these 150 kW transmissions are being run with one of the ex-Pori 250 kW ABB/BBC transmitters. At least this appears to be more likely than one of the meanwhile almost 50 years old 500 kW beasts.

Just speculation of course. No real information whatsoever about the state of TDF shortwave operations surfaced anymore since ten years or so...
(Kai Ludwig-D, WOR Dec 19)

see some pictures on URL

<<https://tvignaud.pagesperso-orange.fr/am/rfi/fr-rfi.htm>>
<<https://tvignaud.pagesperso-orange.fr/am/rfi/e1991-2001.htm>>
<<https://tvignaud.pagesperso-orange.fr/>>

FRANCE / UAE ? [to ERITREA] - 17545.055V kHz {likely TDF Issoudun, 150kW 120degr azimuth, or even ENC Encompass Digital Media Services at Al Dhabbaya-UAE? wb}

Saturday Dec 5 at 1530 UT, Bayto Yaikl clandestine talk at S=7/S9+10dB direct, as I am trying to measure the frequency, it's constantly wobbling, roughly 17545.05-17545.06 kHz, i.e. offset-plus just like when monitored on the additional Wednesday broadcast.

The Saturday one is registered as from Issoudun, FRANCE. I thought this behaviour unusual even for ISS, so could be from somewhere else, like UAE? But now it's clear the two are at least from some same site. At 1546 UT I try it via UTwente SDR: poor S6-S7 signal as would be apt, too close for skip distance, but in AM Synch mode it keeps trying to lock onto the wobbling frequency, briefly displaying offsets + such as: .033, .051, .030, .048, .027, .045 kHz. (Glenn Hauser-OK-USA, WOR & hcdx Dec 5)

GUAM - Changes of KTWR Trans World Radio Asia from January 3:

1130-1200 9910 TWR 50kW 350deg to JPN Japanese Sa DRM mode, addit
1245-1250 12040 TWR 100kW 290deg to SAs Hindi Mo-Fr, additional
1250-1255 12040 TWR 100kW 290deg to SAs English Mo-Fr, additional

10

1245-1300 11590 TWR 200kW 285deg to SAs English Su-Wed FEBA India, addit
1245-1300 NF11590 TWR 200kW 285deg to SAs Malayalam Thu-Sa FEBA India, ex11580
1315-1330 11590 TWR 200kW 285deg to SAs Bhatari Sun FEBA India, addit
(Ivo Ivanov-BUL, hcdx via wwdxc BC-DX TopNews Dec 10)

11990 KSDA Adventist World Radio (Agat) at 2204 UT with 2200-2230 UT Tu/Th/Su only English broadcast, religious talk and hymn, later a discussion of Scripture, 2227 UT closing announcements with several IDs and contact info. Poor, Dec. 8. (Harold Sellers-BC-CAN, direct via wwdxc BC-DX TopNews Dec 8)

GUATEMALA - Unterdessen kam am 5. Dezember auch aus Guatemala eine Ausfallmeldung: Teile des Senders der Missionsstation Radio Verdad haben sich "in Rauch aufgelöst". Bis zu einer Reparatur, sofern sie noch einmal erfolgen wird, gibt es damit keine Kurzwellensendungen aus Zentralamerika mehr.
(Kai Ludwig, Stand vom 05.01.2021)

IRAN - 7225.006 Voice of IRIB in Hausa language towards Africa, heard in South Asia at Piliyandala remote Perseus SDR rx, 22.20-23.20 UT, S=7-8; and co-channel 7225.002 kHz of PBS Sichuan, Chengdu, Mandarin Chinese, scheduled 22.10-24.00 UT.
[selected SDR options, span 12.5 kHz RBW 15.3 Hertz](wb df5sx, wwdxc BC-DX TopNews Dec 5 / 7)

JAPAN - Frequency changes of JSR Shiokaze Sea Breeze December 23:

1300-1400 NF6145 YAM 300 kW 280 deg to NEAs various langs, ex6085
1300-1400 NF7345 YAM 300 kW 280 deg to NEAs various langs, ex7310
1300-1330 Japanese Mon/Tue/Sat/Sun; Korean Wed/Fri and English Thu;
1330-1400 Korean Wed/Fri/Sat/Sun; Japanese Mon/Tue and English Thu.

1600-1700 NF5990 YAM 300 kW 280 deg to NEAs various langs, ex5955
1600-1700 NF6110 YAM 300 kW 280 deg to NEAs various langs, ex7285
1600-1630 Japanese Mon/Tue/Sat/Sun; Korean Wed/Fri and English Thu;
1630-1700 Korean Wed/Fri/Sat/Sun; Japanese Mon/Tue and English Thu.

And frequency changes of Furusato no Kaze via JSR Shiokaze Dec 23:
1405-1435 NF6045 YAM 300 kW 280 deg to NEAs Japanese Daily, ex6070
1405-1435 NF6095 YAM 300 kW 280 deg to NEAs Japanese Daily, ex7325
(Ivo Ivanov-BUL, hcdx via wwdxc BC-DX TopNews Dec 24)

KOREA (SOUTH) - FEBC-Korea completed the new medium wave transmitter site for HLKX 1188 kHz at Daebu Island in Yellow Sea off the coast of Ansan City, about 50 km south west from Seoul, in October 2020, and began operation on October 12. This is a better location for transmitting to China, Russia, and North Korea. Mr. Harry Binkley Harris, Jr., the US ambassador to Korea, sent a celebration message admiring FEBC-Korea's role in promoting the freedom of speech and religion. The new transmitter site has 48,075 square m area, with 2 antenna masts and new transmitter building. The transmitting power is now 100 kW.

Original item from FEBC <http://seoul.febc.net/program_122/program_122_board_5/945866>

It has been said 250 kW new transmitter will be installed. It is not clear whether they are using the old 100 kW transmitter removed from Bangsan ex-transmitter site or new 250 kW transmitter with reduced power.
FEBC Korea is now issuing the new QSL card with the photograph of this new site.
(Takahito Akabayashi Tokyo, Japan)

KUWAIT - 15515even fq Radio Kuwait from Kabd site, also HQ Friday prayer on air, S=8 sidelobe signal at 08.38 UT, requested at 59degr azimuth towards CAs, Arabic at 05-09 UT.
(wb df5sx, hcdx & wwdxc BC-DX TopNews Dec 4)

MADAGASCAR - 11985 kHz Al-Waad Radio, 1902 UT on Dec 22. AWR Arabic Service from Beirut studio, via Talata, excellent signal 1902 UT tune-in with full ID in progress, including URLs for awr.org and for Al-Waad TV / Radio:

<<http://www.al-waad.tv>> and email address <alwaad-at-awr.org>

Into AA modern pop religious mx, sounds great actually. OM and YL in duet with piano and orch, almost sounds

romantic. You can also send a report via their contact form. And yes, they are friendly and will QSL for Al-Waad.
(Ralph Perry-Wheaton-IL-USA, NASWA WOR Dec 27/28)

MEXICO - 6185 kHz XEPPM - Radio Educacion, with extended broadcasts. On Dec 19, noted with Mexican music / singing at 1122 UT; suspect went off about 1200 (?); fairly good signal; no CHBC (China) QRM.

Thanks very much to the timely alert from Ralph Perry, who also observed them running later yesterday.
(Ron Howard-CA-USA, via wwdxc BC-DX TopNews Dec 19)

Re Mexico this Dec 19 morning:

6184.972 MEX XEPPM R Educacion, orchestra mx program at 02.13 UT Dec 19.

[selected SDR options, span 12.5 kHz RBW 15.3 Hertz](wb df5sx, wwdxc BC-DX TopNews Dec 19)

MOLDOVA {Pridnestrovie} - 11530 even Kurdish Radio Denge Welat from Grigoriopol Maiac Pridnestrovie near Ukrainian border suffer of ICING this morning on the antenna dipoles / feeder ?

Noted two S=5 spurious signals, on both sides on 11479.5 and 11580.5 kHz, in 50.500 kHz apart distance. BUZZy and some 8 x peak strings visible in Perseus screen display. Noted in Doha Qatar and in western Europe monitoring.

Denge Welat suffers co-channel by recent Turkey Pres Erdogan jamming from one of the five Thomcasts at Emirler-TUR on odd 11530.007 kHz, latter much stronger heard in Mauno's place in eastern Finland though.

[selected SDR options, span 12.5 kHz RBW 15.3 Hertz](wb df5sx, wwdxc BC-DX TopNews Dec 14)

NEW ZEALAND - Minor changes of Radio New Zealand RNZ Pacific in AM mode:

0359-0558 13840 RAN 50 kW 35 deg to Pacific English, ex0359-0658

0559-0958 11725 RAN 50 kW 35 deg to Pacific English, ex0659-0958

(Ivo Ivanov-BUL, hcdx via wwdxc BC-DX TopNews Dec 5)

2259-0558 15720 RAN 50kW 35deg to All PAC, English Daily, ex2259-0358 UT

0559-0958 13840 RAN 50kW 35deg to All PAC, English Daily, ex0359-0558 UT

(Ivo Ivanov-BUL, hcdx via wwdxc BC-DX TopNews Dec 14)

NIGERIA - Voice of Nigeria wrong evening 11769.9 this morning, December 19:

0600-0700 11769.9 AJA 250 kW 248 deg to WeCeAF Hausa, instead of 7254.9

0700-0800 11769.9 AJA 250 kW 248 deg to WeCeAF Fulfulde, instead of 7254.9

0800-1000 11769.9 AJA 250 kW 248 deg to WeCeAF English, instead of 7254.9

1000-1030 11769.9 AJA 250 kW 248 deg to WeCeAF French, instead of 7254.9

1030-1045 11769.9 AJA 250 kW 248 deg to WeCeAF Yoruba, instead of 7254.9

1045-1100 11769.9 AJA 250 kW 248 deg to WeCeAF Igbo, instead of 7254.9

QRM co-ch 11770.0 URU 50 kW 230 deg to EAs Chinese PBS Xinjiang

(Ivo Ivanov-BUL, hcdx via wwdxc BC-DX Topnews Dec 19)

PALAU - 9965 kHz Hope Radio (Medorn) at 0810 UT coming on the air, faintly heard voices and portions of a hymn, by 0820 UT better, man preaching, 0827 UT closing of program which was identified as "MFC Worldwide" by MFC Ministries from West Virginia, a couple of websites were mentioned, at 0830 UT into another preacher which would have been "The Whole Truth" according to schedule. - Very, very poor to poor-fair.

(Harold Sellers-BC-CAN, direct via wwdxc BC-DX TopNews Dec 6)

New updated shortwave schedule of Hope Radio via Palau Medorn T8WH Angel 3 - is again in their web site

<<https://www.hoperadio.net/>> - launch date to be announced

T8WH Angel 4 <<https://www.hoperadio.net/angel4>>

0840-0935 15680 HBN 100 kW 270 deg to SoEaAS English Hope Radio Sat

0110-0220 15680 HBN 100 kW 270 deg to SoEaAS English Hope Radio Sun

0810-0905 15680 HBN 100 kW 270 deg to SoEaAS English Hope Radio Sun

T8WH Angel 5 <<https://www.hoperadio.net/angel5>>

0810-0850 9965 HBN 100 kW 345 deg to NEAs English Hope Radio Mon-Fri
 0840-0940 9965 HBN 100 kW 345 deg to NEAs English Hope Radio Sat
 0810-1135 9965 HBN 100 kW 345 deg to NEAs English Hope Radio Sun
 (Ivo Ivanov-BUL, hcdx via wwdxc BC-DX TopNews Dec 5)

SRI LANKA - Sri Lanka has agreed to sell airtime on a former Deutsche Welle relay station in Trincomallee in the North East of the island to UK based Encompass Digital Media Services, London. Germany's DW built the relay station in Sri Lanka in 1980 for mainly for international shortwave (HF) broadcasting. It also has a medium wave transmitter on 1548 kHz for South Asia.

Full story at :

<<https://economynext.com/sri-lanka-to-sell-airtime-on-ex-dw-relay-station-to-encompass-digital-media-77342/>>
 (Alokesh Gupta-IND, WOR Dec 29)

TAIWAN / CHINA - Frequency change of R Taiwan International RTI from Dec 3:

0800-0900 NF11745 PA0 100 kW 45 deg azi to JPN Japanese, ex11695 kHz
 to avoid same time on 11695 kHz D0F 30 kW 41 deg azi to EAs
 Chinese CNR-1 DRM mode irregular.

11695 CNR1 (DRM mode digital) 3E8 0050-0900 UT Chinese, 30 kW
 41deg northwards from Dongfang Hainan Island bcst center RTC #871 CHN.
 (Ivo Ivanov-BUL, hcdx via wwdxc BC-DX TopNews Dec 7)

THAILAND - 9940 kHz HSK9 Radio Thailand WS, Udon Thani, at 1402 UT on Dec 12. Surprisingly good signal right now at 1402 UT tune-in with EE service, OM reading the news. The carrier is huge, lots of white noise also being transmitted. Too bad they are not making use of all that power and modulating it.
 (Ralph Perry-Wheaton-IL-USA, NASWA WOR Dec 27/28)

UNITED KINGDOM - Some changes of BBC and FEBA Radio:

BBC

1800-1830 NF9540 SOF 050 kW 195 deg to CeAf French, x 6180 eff. from Dec 25
 1400-1430 15400 ASC 250 kW 055 deg to WeAf Hausa Sunday, eff. from Dec 27
 1400-1430 17780 ASC 250 kW 065 deg to WeAf Hausa Sunday, eff. from Dec 27
 1400-1430 21630 DHA 250 kW 260 deg to WeAf Hausa Sunday, eff. from Dec 27
 2000-2030 9545 WOF 250 kW 160 deg to WeAf Hausa Sunday, eff. from Dec 27
 2000-2030 11660 ASC 125 kW 055 deg to WeAf Hausa Sunday, eff. from Dec 27
 2000-2030 15490 ASC 250 kW 065 deg to WeAf Hausa Sunday, eff. from Dec 27

FEBA till January 1

1615-1630 9540 ERV 300 kW 192 deg to EaAf Guragena Mo-We and will be deleted
 1615-1630 9540 ERV 300 kW 192 deg to EaAf Amharic Th-Su and will be deleted
 1630-1700 9540 ERV 300 kW 192 deg to EaAf Amharic Daily and will be deleted
 (Ivo Observer)

9820 kHz World's Last Chance; 1749-1801+ UT on Dec 7; EE reigi-huxterage; near ToH mentions pgm on WBCQ & possibly WRMI; thought I heard mention of 7th Day Adventist. SIO=3+52+ fady; tough copy in QRN.

<<https://www.worldslastchance.com/wlc-radio-broadcast-schedule.html>>

says it's aimed at East Africa, but doesn't show xmtr sites. +++ 1743 UT, on Dec 8; "World's last chance". SIO=3+53-
 (Harold Frodge-MI-USA, WOR Dec 10)

... and I told you the origin of the transmission came from Woofferton center in England, mentioned in Aoki Nagoya database, sub section of hfcc.org Dec 1st England transmission center and brokered by

ENC Encompass Digital Media Services, replacing former Babcock

> From 01 December requested in hfcc.org file: via ENC Woofferton-UK, 250 kW 140degr (slewed -20deg).
(Harald Kuhl-D, BrDXC-UK newsgroup Dec 11)

U.S.A. - VoA / VoA Ashna / VoA Deewa:

kHz	Time(UTC)	ITU	Station	Lang	Location	Days
1431	1700-1730	DJI	VOICE OF AMERICA	Amh	Doralee	23456
12040	1700-1730	STP	VOICE OF AMERICA	Amh	Pinheira	23456
15580	1700-1730	BOT	VOICE OF AMERICA	Amh	Selebi-Phik	23456
9485	1800-1900	G	VOICE OF AMERICA	Amh	Woofferton	1-7
12040	1800-1900	UAE	VOICE OF AMERICA	Amh	Al-Dhabbiya	1-7
13765	1800-1900	KWT	VOICE OF AMERICA	Amh	Kuwait	1-7
5885	2130-2200	KWT	VOICE OF AMERICA	Bam	Kuwait	23456
5930	2130-2200	STP	VOICE OF AMERICA	Bam	Pinheira	23456
12075	2130-2200	BOT	VOICE OF AMERICA	Bam	Selebi-Phik	23456
15120	2130-2200	ASC	VOICE OF AMERICA	Bam	Ascension	23456
1575	1600-1630	THA	VOICE OF AMERICA	Ben	Ban Rasom	23456
1575	0000-0030	THA	VOICE OF AMERICA	Bur	Ban Rasom	1-7
9355	0130-0230	THA	VOICE OF AMERICA	Bur	Udon Thani	1-7
11820	0130-0230	PHL	VOICE OF AMERICA	Bur	Tinang	1-7
15110	0130-0230	PHL	VOICE OF AMERICA	Bur	Tinang	1-7
1575	1430-1500	THA	VOICE OF AMERICA	Bur	Ban Rasom	1-7
15450	1430-1530	PHL	VOICE OF AMERICA	Bur	Tinang	1-7
9335	1430-1630	PHL	VOICE OF AMERICA	Bur	Tinang	1-7
11870	1430-1630	PHL	VOICE OF AMERICA	Bur	Tinang	1-7
1575	1500-1530	THA	VOICE OF AMERICA	Bur	Ban Rasom	17
1575	1530-1600	THA	VOICE OF AMERICA	Bur	Ban Rasom	1-7
6150	2330-0030	THA	VOICE OF AMERICA	Bur	Udon Thani	1-7
9335	2330-0030	PHL	VOICE OF AMERICA	Bur	Tinang	1-7
9380	2330-0030	PHL	VOICE OF AMERICA	Bur	Tinang	1-7
7545	1300-1500	PHL	VOICE OF AMERICA	Can	Tinang	1-7
7560	0000-0100	THA	VOICE OF AMERICA	Chi	Udon Thani	1-7
9880	0000-0100	THA	VOICE OF AMERICA	Chi	Udon Thani	1-7
11945	0000-0100	PHL	VOICE OF AMERICA	Chi	Tinang	1-7
15425	0000-0100	PHL	VOICE OF AMERICA	Chi	Tinang	1-7
17720	0900-1000	THA	VOICE OF AMERICA	Chi	Udon Thani	1-7
9795	0900-1100	PHL	VOICE OF AMERICA	Chi	Tinang	1-7
11650	0900-1100	THA	VOICE OF AMERICA	Chi	Udon Thani	1-7
13740	0900-1100	THA	VOICE OF AMERICA	Chi	Udon Thani	1-7
15150	0900-1200	THA	VOICE OF AMERICA	Chi	Udon Thani	1-7
9825	1000-1100	PHL	VOICE OF AMERICA	Chi	Tinang	1-7
11660	1100-1200	PHL	VOICE OF AMERICA	Chi	Tinang	1-7
12080	1100-1200	PHL	VOICE OF AMERICA	Chi	Tinang	1-7
9825	1100-1400	PHL	VOICE OF AMERICA	Chi	Tinang	1-7
7515	1200-1300	THA	VOICE OF AMERICA	Chi	Udon Thani	1-7
11660	1200-1300	THA	VOICE OF AMERICA	Chi	Udon Thani	1-7
11900	1200-1300	PHL	VOICE OF AMERICA	Chi	Tinang	1-7
7470	1300-1400	THA	VOICE OF AMERICA	Chi	Udon Thani	1-7
9585	1300-1400	PHL	VOICE OF AMERICA	Chi	Tinang	1-7
11660	1300-1430	PHL	VOICE OF AMERICA	Chi	Tinang	1-7
9605	1400-1500	PHL	VOICE OF AMERICA	Chi	Tinang	1-7
9825	1400-1500	PHL	VOICE OF AMERICA	Chi	Tinang	1-7
12120	1400-1500	PHL	VOICE OF AMERICA	Chi	Tinang	1-7
11660	1430-1500	THA	VOICE OF AMERICA	Chi	Udon Thani	1-7
7445	2200-2300	THA	VOICE OF AMERICA	Chi	Udon Thani	1-7
9620	2200-2300	PHL	VOICE OF AMERICA	Chi	Tinang	1-7
7290	0100-0130	KWT	VOA RADIO ASHNA	Dar	Kuwait	1-7
7495	0100-0130	THA	VOA RADIO ASHNA	Dar	Udon Thani	1-7
7495	0200-0230	KWT	VOA RADIO ASHNA	Dar	Kuwait	1-7
12140	0200-0230	THA	VOA RADIO ASHNA	Dar	Udon Thani	1-7
12075	1500-1630	THA	VOA RADIO ASHNA	Dar	Udon Thani	1-7

12140	1500-1630	KWT	VOA RADIO ASHNA	Dar	Kuwait	1-7
13860	1500-1630	G	VOA RADIO ASHNA	Dar	Woofferton	1-7
1530	0300-0430	STP	VOICE OF AMERICA	Eng	Pinheira	1-7
6080	0300-0500	STP	VOICE OF AMERICA	Eng	Pinheira	1-7
9775	0300-0500	BOT	VOICE OF AMERICA	Eng	Selebi-Phik	1-7
4930	0300-0600	BOT	VOICE OF AMERICA	Eng	Selebi-Phik	1-7
909	0300-0700	BOT	VOICE OF AMERICA	Eng	Selebi-Phik	1-7
4960	0400-0500	STP	VOICE OF AMERICA	Eng	Pinheira	1-7
6080	0500-0600	STP	VOICE OF AMERICA	Eng	Pinheira	1-7
15580	0500-0700	BOT	VOICE OF AMERICA	Eng	Selebi-Phik	1-7
1530	0600-0700	STP	VOICE OF AMERICA	Eng	Pinheira	1-7
6080	0600-0700	STP	VOICE OF AMERICA	Eng	Pinheira	1-7
9550	0600-0700	STP	VOICE OF AMERICA	Eng	Pinheira	1-7
1575	1100-1200	THA	VOICE OF AMERICA	Eng	Ban Rasom	17
12030	1130-1200	PHL	VOICE OF AMERICA	Eng	Tinang	17
12125	1130-1200	THA	VOICE OF AMERICA	Eng	Udon Thani	17
15715	1130-1200	THA	VOICE OF AMERICA	Eng	Udon Thani	17
11965	1200-1230	PHL	VOICE OF AMERICA	Eng	Tinang	1-7
15560	1200-1230	PHL	VOICE OF AMERICA	Eng	Tinang	1-7
17680	1200-1230	PHL	VOICE OF AMERICA	Eng	Tinang	1-7
1575	1300-1330	THA	VOICE OF AMERICA	Eng	Ban Rasom	17
17885	1400-1500	BOT	VOICE OF AMERICA	Eng	Selebi-Phik	1-7
15580	1400-1600	BOT	VOICE OF AMERICA	Eng	Selebi-Phik	1-7
4930	1400-1700	BOT	VOICE OF AMERICA	Eng	Selebi-Phik	1-7
7455	1500-1600	BOT	VOICE OF AMERICA	Eng	Selebi-Phik	1-7
17895	1500-1600	STP	VOICE OF AMERICA	Eng	Pinheira	1-7
1431	1530-0400	DJI	VOICE OF AMERICA	Eng	Doralee	1-7
5985	1530-1600	MMR	Myanmar Radio (VOA)	Eng	Yangon	4
6080	1600-1630	STP	VOICE OF AMERICA	Eng	Pinheira	1-7
15580	1600-1630	BOT	VOICE OF AMERICA	Eng	Selebi-Phik	1-7
1530	1600-1700	STP	VOICE OF AMERICA	Eng	Pinheira	1-7
17885	1600-1700	BOT	VOICE OF AMERICA	Eng	Selebi-Phik	1-7
909	1600-2100	BOT	VOICE OF AMERICA	Eng	Selebi-Phik	1-7
1575	1630-1700	THA	VOICE OF AMERICA	Eng	Ban Rasom	17
6080	1630-1700	STP	VOICE OF AMERICA	Eng	Pinheira	17
15580	1630-1700	BOT	VOICE OF AMERICA	Eng	Selebi-Phik	17
11850	1700-1730	KWT	VOICE OF AMERICA	Eng	Kuwait	1-7
15580	1700-1730	BOT	VOICE OF AMERICA	Eng	Selebi-Phik	17
6080	1700-1800	STP	VOICE OF AMERICA	Eng	Pinheira	1-7
17885	1700-1800	BOT	VOICE OF AMERICA	Eng	Selebi-Phik	1-7
4930	1720-1740	BOT	VOICE OF AMERICA	Eng	Selebi-Phik	167
4930	1730-1800	BOT	VOICE OF AMERICA	Eng	Selebi-Phik	2345
11850	1730-1800	STP	VOICE OF AMERICA	Eng	Pinheira	1-7
15580	1730-1800	BOT	VOICE OF AMERICA	Eng	Selebi-Phik	1-7
4930	1800-1830	BOT	VOICE OF AMERICA	Eng	Selebi-Phik	17
11610	1800-1900	THA	VOICE OF AMERICA	Eng	Udon Thani	1-7
15580	1800-2000	BOT	VOICE OF AMERICA	Eng	Selebi-Phik	1-7
4930	1830-1930	BOT	VOICE OF AMERICA	Eng	Selebi-Phik	1-7
13590	1900-2000	STP	VOICE OF AMERICA	Eng	Pinheira	1-7
4930	2000-2100	BOT	VOICE OF AMERICA	Eng	Selebi-Phik	1-7
6195	2000-2100	BOT	VOICE OF AMERICA	Eng	Selebi-Phik	1-7
15580	2000-2100	BOT	VOICE OF AMERICA	Eng	Selebi-Phik	1-7
1530	2000-2200	STP	VOICE OF AMERICA	Eng	Pinheira	1-7
909	2100-0300	BOT	VOICE OF AMERICA	Eng	Selebi-Phik	1-7
6195	2100-2200	STP	VOICE OF AMERICA	Eng	Pinheira	1-7
11720	2100-2200	USA	VOICE OF AMERICA	Eng	Greenville	1-7
1575	2230-2400	THA	VOICE OF AMERICA	Eng	Ban Rasom	67
1530	0530-0600	STP	VOICE OF AMERICA	Fre	Pinheira	23456
4960	0530-0630	STP	VOICE OF AMERICA	Fre	Pinheira	23456
6020	0530-0630	STP	VOICE OF AMERICA	Fre	Pinheira	23456
9885	0530-0630	CVA	VOICE OF AMERICA	Fre	Santa Maria	23456

13830	0530-0630	BOT	VOICE OF AMERICA	Fre	Selebi-Phik	23456
12030	0830-0900	STP	VOICE OF AMERICA	Fre	Pinheira	47
15715	0830-0900	CVA	VOICE OF AMERICA	Fre	Santa Maria	47
17700	0830-0900	BOT	VOICE OF AMERICA	Fre	Selebi-Phik	47
12030	1100-1130	STP	VOICE OF AMERICA	Fre	Pinheira	7
13750	1100-1130	BOT	VOICE OF AMERICA	Fre	Selebi-Phik	7
15715	1100-1130	BOT	VOICE OF AMERICA	Fre	Selebi-Phik	7
17850	1100-1130	CVA	VOICE OF AMERICA	Fre	Santa Maria	7
12075	1830-1930	CVA	VOICE OF AMERICA	Fre	Santa Maria	1-7
15730	1830-1930	BOT	VOICE OF AMERICA	Fre	Selebi-Phik	1-7
1530	1830-2000	STP	VOICE OF AMERICA	Fre	Pinheira	1-7
17700	1900-2000	USA	VOICE OF AMERICA	Fre	Greenville	1-7
11900	1930-2030	STP	VOICE OF AMERICA	Fre	Pinheira	1-7
12075	1930-2030	BOT	VOICE OF AMERICA	Fre	Selebi-Phik	1-7
15730	1930-2030	USA	VOICE OF AMERICA	Fre	Greenville	1-7
9485	2000-2030	KWT	VOICE OF AMERICA	Fre	Kuwait	1-7
9485	2030-2100	KWT	VOICE OF AMERICA	Fre	Kuwait	17
11900	2030-2100	STP	VOICE OF AMERICA	Fre	Pinheira	1
11975	2030-2100	CVA	VOICE OF AMERICA	Fre	Santa Maria	1
12075	2030-2100	BOT	VOICE OF AMERICA	Fre	Pinheira	17
5930	2100-2130	STP	VOICE OF AMERICA	Fre	Pinheira	23456
9485	2100-2130	KWT	VOICE OF AMERICA	Fre	Kuwait	23456
12075	2100-2130	BOT	VOICE OF AMERICA	Fre	Selebi-Phik	23456
1530	0500-0530	STP	VOICE OF AMERICA	Hau	Pinheira	1-7
4960	0500-0530	STP	VOICE OF AMERICA	Hau	Pinheira	1-7
6020	0500-0530	STP	VOICE OF AMERICA	Hau	Pinheira	1-7
6170	0500-0530	ASC	VOICE OF AMERICA	Hau	Ascension	1-7
4960	0700-0730	STP	VOICE OF AMERICA	Hau	Pinheira	1-7
12070	0700-0730	CVA	VOICE OF AMERICA	Hau	Santa Maria	1-7
15580	0700-0730	BOT	VOICE OF AMERICA	Hau	Selebi-Phik	1-7
9575	1500-1530	STP	VOICE OF AMERICA	Hau	Pinheira	1-7
11850	1500-1530	STP	VOICE OF AMERICA	Hau	Pinheira	1-7
15460	1500-1530	BOT	VOICE OF AMERICA	Hau	Selebi-Phik	1-7
9575	1530-1600	STP	VOICE OF AMERICA	Hau	Pinheira	23456
11850	1530-1600	STP	VOICE OF AMERICA	Hau	Pinheira	23456
15460	1530-1600	BOT	VOICE OF AMERICA	Hau	Selebi-Phik	23456
4960	2030-2100	STP	VOICE OF AMERICA	Hau	Pinheira	23456
6040	2030-2100	STP	VOICE OF AMERICA	Hau	Pinheira	2-7
9765	2030-2100	G	VOICE OF AMERICA	Hau	Woofferton	2-7
11850	2030-2100	STP	VOICE OF AMERICA	Hau	Pinheira	2-7
11900	2030-2100	STP	VOICE OF AMERICA	Hau	Pinheira	7
11975	2030-2100	CVA	VOICE OF AMERICA	Hau	Santa Maria	7
13750	2030-2100	STP	VOICE OF AMERICA	Hau	Pinheira	2-7
1575	1330-1430	THA	VOICE OF AMERICA	Khm	Ban Rasom	1-7
9335	1330-1430	PHL	VOICE OF AMERICA	Khm	Tinang	1-7
11675	1330-1430	PHL	VOICE OF AMERICA	Khm	Tinang	1-7
1575	2200-2230	THA	VOICE OF AMERICA	Khm	Ban Rasom	1-7
5880	2200-2230	PHL	VOICE OF AMERICA	Khm	Tinang	1-7
7460	2200-2230	PHL	VOICE OF AMERICA	Khm	Tinang	1-7
9340	2200-2230	PHL	VOICE OF AMERICA	Khm	Tinang	1-7
7275	0330-0430	BOT	VOICE OF AMERICA	Kir	Selebi-Phik	1-7
7460	0330-0430	BOT	VOICE OF AMERICA	Kir	Selebi-Phik	1-7
9885	0330-0430	STP	VOICE OF AMERICA	Kir	Pinheira	1-7
7275	0430-0529	BOT	VOICE OF AMERICA	Kir	Selebi-Phik	23456
7460	0430-0529	BOT	VOICE OF AMERICA	Kir	Selebi-Phik	23456
9885	0430-0530	STP	VOICE OF AMERICA	Kir	Pinheira	23456
9885	1400-1500	STP	VOICE OF AMERICA	Kir	Pinheira	17
13630	1400-1500	CVA	VOICE OF AMERICA	Kir	Santa Maria	17
15460	1400-1500	CVA	VOICE OF AMERICA	Kir	Santa Maria	17
11850	1600-1630	BOT	VOICE OF AMERICA	Kir	Selebi-Phik	1-7
13630	1600-1630	STP	VOICE OF AMERICA	Kir	Pinheira	1-7

15460	1600-1630	STP	VOICE OF AMERICA	Kir	Pinheira	1-7
11850	1830-1900	BOT	VOICE OF AMERICA	Kir	Selebi-Phik	23456
13630	1830-1900	STP	VOICE OF AMERICA	Kir	Pinheira	23456
9885	1930-2000	BOT	VOICE OF AMERICA	Kir	Selebi-Phik	23456
11850	1930-2000	STP	VOICE OF AMERICA	Kir	Pinheira	23456
12040	1930-2000	KWT	VOICE OF AMERICA	Kir	Kuwait	23456
1188	1100-1500	KOR	VOICE OF AMERICA	Kor	Seoul	1-7
7465	1200-1300	PHL	VOICE OF AMERICA	Kor	Tinang	1-7
9490	1200-1300	PHL	VOICE OF AMERICA	Kor	Tinang	1-7
11570	1200-1400	PHL	VOICE OF AMERICA	Kor	Tinang	1-7
9800	1300-1500	PHL	VOICE OF AMERICA	Kor	Tinang	1-7
9985	1300-1500	MRA	VOICE OF AMERICA	Kor	Agignan Poi	1-7
11570	1400-1500	MRA	VOICE OF AMERICA	Kor	Agignan Poi	1-7
1566	1700-1800	KOR	VOICE OF AMERICA	Kor	Jeju	1-7
7465	1900-2100	PHL	VOICE OF AMERICA	Kor	Tinang	1-7
9800	1900-2100	PHL	VOICE OF AMERICA	Kor	Tinang	1-7
9975	1900-2100	THA	VOICE OF AMERICA	Kor	Udon Thani	1-7
15270	1400-1500	D	VOICE OF AMERICA	Kur	Biblis	1-7
15600	1400-1500	G	VOICE OF AMERICA	Kur	Woofferton	1-7
7475	1700-1800	D	VOICE OF AMERICA	Kur	Biblis	1-7
9390	1700-1800	D	VOICE OF AMERICA	Kur	Biblis	1-7
9750	1700-1800	D	VOICE OF AMERICA	Kur	Lampertheim	1-7
7225	1900-2000	D	VOICE OF AMERICA	Kur	Biblis	1-7
7485	1900-2000	D	VOICE OF AMERICA	Kur	Lampertheim	1-7
9750	1900-2000	D	VOICE OF AMERICA	Kur	Biblis	1-7
1575	1230-1300	THA	VOICE OF AMERICA	Lao	Ban Rasom	1-7
1575	0030-0100	THA	VOICE OF AMERICA	Lea	Ban Rasom	1-7
9485	1730-1800	G	VOICE OF AMERICA	Oro	Woofferton	23456
12040	1730-1800	D	VOICE OF AMERICA	Oro	Lampertheim	23456
13765	1730-1800	KWT	VOICE OF AMERICA	Oro	Kuwait	23456
7290	0030-0100	KWT	VOA RADIO ASHNA	Pas	Kuwait	1-7
7495	0030-0100	THA	VOA RADIO ASHNA	Pas	Udon Thani	1-7
1296	0030-0230	AFG	VOA RADIO ASHNA	Pas	Kabul	1-7
621	0100-0400	AFG	VOA DEEWA RADIO	Pas	Khost	1-7
7470	0100-0400	D	VOA DEEWA RADIO	Pas	Lampertheim	1-7
7530	0100-0400	KWT	VOA DEEWA RADIO	Pas	Kuwait	1-7
9765	0100-0400	THA	VOA DEEWA RADIO	Pas	Udon Thani	1-7
7290	0130-0200	D	VOA RADIO ASHNA	Pas	Biblis	1-7
7495	0130-0200	KWT	VOA RADIO ASHNA	Pas	Kuwait	1-7
12140	0130-0200	THA	VOA RADIO ASHNA	Pas	Udon Thani	1-7
13590	1300-1400	UAE	VOA DEEWA RADIO	Pas	Al-Dhabbiya	1-7
7495	1300-1600	THA	VOA DEEWA RADIO	Pas	Udon Thani	1-7
621	1300-1900	AFG	VOA DEEWA RADIO	Pas	Khost	1-7
9355	1300-1900	KWT	VOA DEEWA RADIO	Pas	Kuwait	1-7
9370	1300-1900	THA	VOA DEEWA RADIO	Pas	Udon Thani	1-7
13590	1400-1500	KWT	VOA DEEWA RADIO	Pas	Kuwait	1-7
12075	1430-1500	KWT	VOA RADIO ASHNA	Pas	Kuwait	1-7
12140	1430-1500	KWT	VOA RADIO ASHNA	Pas	Kuwait	1-7
13860	1430-1500	G	VOA RADIO ASHNA	Pas	Woofferton	1-7
1296	1430-1730	AFG	VOA RADIO ASHNA	Pas	Kabul	1-7
13590	1500-1700	D	VOA DEEWA RADIO	Pas	Lampertheim	1-7
7495	1600-1900	D	VOA DEEWA RADIO	Pas	Biblis	1-7
9975	1630-1730	D	VOA RADIO ASHNA	Pas	Lampertheim	1-7
12075	1630-1730	THA	VOA RADIO ASHNA	Pas	Udon Thani	1-7
12140	1630-1730	KWT	VOA RADIO ASHNA	Pas	Kuwait	1-7
7530	1700-1858	KWT	VOA DEEWA RADIO	Pas	Kuwait	1-7
13630	1630-1700	BOT	VOICE OF AMERICA	Por	Selebi-Phik	6
17655	1630-1700	STP	VOICE OF AMERICA	Por	Pinheira	6
1530	1700-1800	STP	VOICE OF AMERICA	Por	Pinheira	1-7
13630	1700-1800	BOT	VOICE OF AMERICA	Por	Selebi-Phik	1-7
17655	1700-1800	USA	VOICE OF AMERICA	Por	Greenville	1-7

13630	1800-1830	BOT	VOICE OF AMERICA	Por	Selebi-Phik	23456
17655	1800-1830	USA	VOICE OF AMERICA	Por	Greenville	23456
12030	1130-1200	PHL	VOICE OF AMERICA	Roh	Tinang	23456
12125	1130-1200	THA	VOICE OF AMERICA	Roh	Udon Thani	23456
15715	1130-1200	THA	VOICE OF AMERICA	Roh	Udon Thani	23456
1575	1300-1330	THA	VOICE OF AMERICA	Roh	Ban Rasom	23456
1575	1630-1700	THA	VOICE OF AMERICA	Roh	Ban Rasom	23456
6175	0400-0500	BOT	VOICE OF AMERICA	Sho	Selebi-Phik	23456
7255	0400-0500	STP	VOICE OF AMERICA	Sho	Pinheira	23456
4930	1700-1800	BOT	VOICE OF AMERICA	Sho	Selebi-Phik	1-7
13860	1700-1800	STP	VOICE OF AMERICA	Sho	Pinheira	1-7
15460	1700-1800	STP	VOICE OF AMERICA	Sho	Pinheira	1-7
13860	1800-1900	STP	VOICE OF AMERICA	Sho	Pinheira	23456
15460	1800-1900	STP	VOICE OF AMERICA	Sho	Pinheira	2345
9510	0330-0400	CVA	VOICE OF AMERICA	Som	Santa Maria	1-7
9825	0330-0400	D	VOICE OF AMERICA	Som	Lampertheim	1-7
11875	0330-0400	UAE	VOICE OF AMERICA	Som	Al-Dhabbiya	1-7
13580	1030-1100	KWT	VOICE OF AMERICA	Som	Kuwait	1-7
15620	1030-1100	BOT	VOICE OF AMERICA	Som	Selebi-Phik	1-7
17600	1030-1100	THA	VOICE OF AMERICA	Som	Udon Thani	1-7
15620	1300-1400	CVA	VOICE OF AMERICA	Som	Santa Maria	1-7
17600	1300-1400	KWT	VOICE OF AMERICA	Som	Kuwait	1-7
1431	1600-1630	DJI	VOICE OF AMERICA	Som	Doralee	1-7
11610	1600-1800	G	VOICE OF AMERICA	Som	Woofferton	1-7
11905	1600-1800	D	VOICE OF AMERICA	Som	Lampertheim	1-7
11850	1630-1700	UAE	VOICE OF AMERICA	Sud	Al-Dhabbiya	23456
13865	1630-1700	G	VOICE OF AMERICA	Sud	Woofferton	23456
15180	1630-1700	STP	VOICE OF AMERICA	Sud	Pinheira	23456
13750	1630-1700	KWT	VOICE OF AMERICA	Swa	Kuwait	1-7
15260	1630-1700	G	VOICE OF AMERICA	Swa	Woofferton	1-7
15460	1630-1700	STP	VOICE OF AMERICA	Swa	Pinheira	1-7
5890	0000-0030	KWT	VOICE OF AMERICA	Tib	Kuwait	1-7
7580	0000-0100	KWT	VOICE OF AMERICA	Tib	Kuwait	1-7
9670	0000-0100	THA	VOICE OF AMERICA	Tib	Udon Thani	1-7
5890	0030-0100	THA	VOICE OF AMERICA	Tib	Udon Thani	1-7
21600	0300-0400	PHL	VOICE OF AMERICA	Tib	Tinang	1-7
21795	0300-0400	PHL	VOICE OF AMERICA	Tib	Tinang	1-7
17865	0300-0600	PHL	VOICE OF AMERICA	Tib	Tinang	1-7
15610	0400-0500	THA	VOICE OF AMERICA	Tib	Udon Thani	1-7
21620	0400-0500	PHL	VOICE OF AMERICA	Tib	Tinang	1-7
15560	0500-0600	THA	VOICE OF AMERICA	Tib	Udon Thani	1-7
21760	0500-0600	PHL	VOICE OF AMERICA	Tib	Tinang	1-7
11760	1400-1500	PHL	VOICE OF AMERICA	Tib	Tinang	1-7
11910	1400-1500	THA	VOICE OF AMERICA	Tib	Udon Thani	1-7
13830	1400-1500	THA	VOICE OF AMERICA	Tib	Udon Thani	1-7
17585	1400-1500	D	VOICE OF AMERICA	Tib	Biblis	1-7
7525	1600-1700	PHL	VOICE OF AMERICA	Tib	Tinang	1-7
9760	1600-1700	THA	VOICE OF AMERICA	Tib	Udon Thani	1-7
11670	1600-1700	PHL	VOICE OF AMERICA	Tib	Tinang	1-7
9485	1900-1930	BOT	VOICE OF AMERICA	Tig	Selebi-Phik	23456
12040	1900-1930	UAE	VOICE OF AMERICA	Tig	Al-Dhabbiya	23456
13765	1900-1930	KWT	VOICE OF AMERICA	Tig	Kuwait	23456
972	1400-0200	TJK	VOICE OF AMERICA	Urd	Dushanbe-Or	1-7
1539	1400-0200	UAE	VOICE OF AMERICA	Urd	Al-Dhabbiya	1-7

(Aoki Nagoya DX Circle, Perseus Userlist, Jan 8, 15.00 UT)

New schedule of KVOH Voice of Hope America as December 11:

0000-0200 9975 V0H 100 kW 100 deg to CAm Spanish Tue-Su

0200-0700 9975 V0H 100 kW 100 deg to CAm English Tue-Su

Very good signal at 0630 UT December 12 via SDR Half Moon Bay CA.

Previous transmissions on 17775 kHz in Spanish 1500-2000 UT Mon-Fr and 2000-2200 UT Tue/Thu and in English 1600-2100 UT Sa are suspended.

(Ivo Ivanov-BUL, hcdx via wwdxc BC-DX TopNews Dec 12)

New frequency of KVOH Voice of Hope America from December 11.

9975 kHz already KVOH. Via Lubbock SDR, still tuned to last night's unsuccessful 9975 kHz check for KVOH, Sat Dec 12 from 2020 UT I am hearing some S5-S7 music hard to place, but VOA Korean via Thailand is listed 1900-2100 UT. Oh oh, 2033 UT, Spanish "Esta es ..." algo and then recognizable praise music in Spanish, so looks like KVOH is on long before 0000 UT, a time not authorized, testing instead of 17775 kHz?

LSB needed to avoid VG 9980 kHz WWCR, which is why KVOH is not supposed to start until WWCR off at 0000 UT. Maybe it's there somewhere, but I haven't found any KVOH program schedule for the 24h streaming, or the former 17775 kHz which would not be in Spanish midday Saturday, just the new 00-07 UT SW segment.

(Glenn Hauser-OK-USA, hcdx and WOR Dec 12)

9975 kHz KVOH heard in Chile. California, heard with a good signal, from 0310 UT with religious messages by a man, most of the time with Christian music in the background, after half an hour KVOH Los Angeles, 0437 UT, is identified on the new frequency of the 9975 kHz, musical program of the 80's.

(Hector Frias Jofre-CHL, WOR Dec 16)

9385even WEWN Vandiver AL scheduled, mens chorus, like Gregorian singer, S=8-9 in Edmonton-Alb-CAN at 23.58 UT on Dec 13. Compare at same time 9395 WRMI and 9455 kHz also, both S=9+25dB in Alb.

(wb df5sx, wwdxc BC-DX TopNews Dec 13)

Frequency changes on WRMI:

WRMI-5 new 4980 kHz is air, December 19. Fair signal via SDR Milford PA

0000-0100	4980 RMI 100 kW 285 deg to MEXI English Daily Supreme Master TV
0100-0200	4980 RMI 100 kW 285 deg to MEXI English Daily Varies WRMI pxss
0200-0700	4980 RMI 100 kW 285 deg to MEXI English Daily Supreme Master TV
0700-0800	4980 RMI 100 kW 285 deg to MEXI Spanish Daily Family Radio
0800-0900	4980 RMI 100 kW 285 deg to MEXI Japanese Tue-Sat RAE Argentina
0800-0900	4980 RMI 100 kW 285 deg to MEXI English Sun/Mon Varies WRMI pxs
0900-1000	4980 RMI 100 kW 285 deg to MEXI Chinese Tue-Sat RAE Argentina
0900-1000	4980 RMI 100 kW 285 deg to MEXI English Sun/Mon Varies WRMI pxs
1000-1100	4980 RMI 100 kW 285 deg to MEXI English Daily Supreme Master TV
1100-2400	4980 RMI 100 kW 285 deg to MEXI English Daily Brother Stair TOM

(Ivo Ivanov-BUL, hcdx via wwdxc BC-DX Topnews Dec 19)

Checked 4980even kHz at 09.30 UT in FL, NJ, NY, MI and Seattle-WA:

much weak tiny rather 1 - 5 kW power level, never 100 kW as ITU requested

S=3 -114dBm to -119dBm, best depending antenna S=4 or -98dBm.

(wb df5sx, wwdxc BC-DX TopNews Dec 19)

Effective Dec 14, 2020, our transmissions on 9455 kHz have been changed to 5950 kHz, and our transmissions that were previously on 5950 kHz will be changed to 4980 kHz in the near future. We are not ready to begin broadcasting on 4980 kHz yet, but we hope to be ready in the coming days. We'll keep you posted.

(C Gessner-USA W3ON, WOR Dec 15)

5950 kHz, Dec 14 at 2122 UT, this WRMI is much stronger than before with a beam change effective today from 285 to 355 degrees. That should not make so much difference here, between them at about 315 degrees from Okeechobee. Something else must have changed, modulation improved, power level raised, and/or antenna sidelobes are now broader too.

It's Bob Biermann, YWS? No, wrapping up at 2158 UT it's his other, radical political talkshow, 'Truth to Ponder', wondering how much better the new frequency is for listeners, from a postal address in Georgia.

[BTW, everything that I, gh, say is also *the truth* but I don't have to keep asserting that it is.] Now in daytime, 5950 kHz is S=9+10dB, stronger than only S9 5800 kHz WRMI-10 which despite its 160-azimuth is quite listenable back here, e.g. during two WOR airings.

The WRMI skedgrid <<http://www.tinyurl.com/WRMIIfqs>> has been updated as of Dec 14, with 9455 kHz eliminated! 5950 kHz is now pm XMTR-8 at 355 degrees, all TOMBS except for 21-23 UT various and 02-04 Hal Turner. 4980 kHz is supposedly reactivated as XMTR-5 at 285 degrees, the old az. for 5950 kHz, mostly SMTV or BS but some other blox at 01-02 & 07-10 UT.

Now 11710 kHz applies to XMTR-4 at 160 degrees but with NO transmissions, yet? Be alert for QRP exciter-level emanations like formerly 4980 kHz.

Peter Hansen sums up the swaps as: "What was on 9455 kHz now is on 5950 kHz. The programs that were on 5950 kHz are now scheduled to be on 4980 kHz. Don't hear 4980 kHz yet, if anyone hears 4980 kHz please let us know. Peter W Hansen" Nor am I hearing 4980 kHz by 0130UT December 15. Bob Biermann himself replies on the WOR iog: "It may be a while for 4980 kHz. It is going to be a difficult frequency change in many levels. Matching to the antenna will take weeks."

That correlates with this via Chuck Gessner at 0050 UT Dec 15:

"Posted on FaceBook about two hours ago. "Frequency changes on WRMI Effective December 14, 2020, our transmissions on 9455 kHz have been changed to 5950 kHz, and our transmissions that were previously on 5950 kHz will be changed to 4980 kHz in the near future. We are not ready to begin broadcasting on 4980 kHz yet, but we hope to be ready in the coming days. We'll keep you posted.""

(gh, hcdx and WOR Dec 15)

WTWW-1 5830 and WTWW-2 5085 kHz are on air again after 1000 UT Dec 6

Totally unscheduled, very good via SDRs San Francisco and Newton New Hampshire

WTWW-1

0000-0600 5830 TWW 100 kW 050 deg to ENAm English Scriptures For America

0600-1400 5830 TWW 100 kW 050 deg to ENAm English is irregularly on air!

1400-2400 9475 TWW 100 kW 050 deg to ENAm English is inactive at present

WTWW-2

0000-0600 5085 TWW 100 kW 180 deg to SAm English various programs/shows

0600-1400 5085 TWW 100 kW 180 deg to SAm English is irregularly air!

1400-2400 9930 TWW 100 kW 180 deg to SAm English is inactive at present

(Ivo Ivanov-BUL, hcdx via wwdxc BC-DX Topnews Dec 6)

VANUATU - Die kürzesten Tage des Jahres sind eigentlich die Saison, in der ein Empfang des Kurzwellensenders im Pazifikstaat Vanuatu auch in Europa noch am ehesten möglich ist. In diesem Winter wird allerdings nichts daraus.

Wie aus Neuseeland zu erfahren war, erlitt der Sender einen Defekt, dessen Reparatur nicht nur die Lieferung von Ersatzteilen, sondern auch den Einsatz von Technikern aus dem Ausland erfordert. Es ist völlig unklar, wann deren Anreise nach Vanuatu möglich sein wird.

Der 10 kW starke Kurzwellensender steht bei der unscheinbaren Mittelwellenstation von Radio Vanuatu. Eine Modernisierung hatte 2019 nach längerer Unterbrechung die Wiederaufnahme des Betriebs ermöglicht.

Ab März 2020 lief der Sender auf geänderten, niedrigeren Frequenzen, was den überregionalen Empfang schwieriger machte. Zum Einsatz kamen nun, bezogen auf Mitteleuropäische Zeit, 2485 kHz von 11.00 bis 19.30 Uhr, 3945 kHz von 19.30 bis 1.00 und von 8.00 bis 11.00 Uhr sowie 5040 kHz tagsüber (Ortszeit), von 1.00 bis 8.00 Uhr.

Sollte es doch noch zu einer kurzfristigen Reparatur kommen, könnte im Januar die Frequenz 5040 kHz am Morgen empfangbar sein, falls hier gerade keine Ausstrahlung aus Kuba läuft. Auf 3945 kHz könnten sich Empfangsfenster zwischen 20.00 und 21.30 Uhr sowie eventuell auch noch für kurze Zeit ab 8.00 Uhr öffnen.

Unverhoffte Möglichkeiten brachte bei der Ausstrahlung auf 3945 kHz zeitweise ein technischer Fehler, durch den der Sender starke Oberwellen auf 7890, 11835 und 15780 kHz erzeugte. Sie konnten teils über tausende Kilometer gehört werden.

Diese Betrachtung von Empfangsmöglichkeiten in Europa bezieht sich allerdings auf eine leistungsfähige Ausrüstung mit Außenantenne. Auf tragbaren Kurzwellenradios ist das Signal von der anderen Seite der Erde nicht zu hören. (Kai Ludwig, Stand vom 05.01.2021)

VIETNAM - 5925.003 Voice of Vietnam 2nd sce via Xuan Mai, noted on remote Perseus SDR rx at Victor's place in Piliyandala Ceylon-Sri Lanka, on Dec 7 at 23.10 UT, S=7 or -88dBm.

7210.003 Voice of Vietnam 1st sce via Buon Ma Thuot Dak Lak, noted on remote Perseus SDR rx at Piliyandala Sri Lanka, on Dec 7 at 23.08 UT, S=7

[selected SDR options, span 12.5 kHz RBW 15.3 Hertz](wb df5sx, wwdxc BC-DX TopNews Dec 7)

9840 Voice of Vietnam, Hanoi Sontay at 2333 UT, man with news about Vietnam, 2338 UT man with ID and then reading world news. - Fair, // 12020 kHz poor, Dec. 8.
(Harold Sellers-BC-CAN, direct via wwdxc BC-DX TopNews Dec 8)

ZAMBIA - 9680 kHz Voice of Hope Africa, Makeni Ranch; 0357 UT sign-on with music loop with IDs as "From Zambia to the world, this is the Voice of Hope Africa"; English religious programming started at 0400 UT consisting mainly of contemporary Christian tunes & Christmas songs; // 11680 kHz was even stronger. Dec 12/13. (Andy Robins-MI, via WOR Dec 18)

11680 kHz RCV / Vo Hope Africa "Drummer Boy" instrumental song, EE ID at ToH as "Radio Christian Voice Lusaka" into EE V Hope "A Heart After God Bible Teaching Ministry" w/their "Know Your Faith" series, reading from Luke Chapter 2 v21-32 & emphasizing the historical ^ supernatural nature of the Christian faith. Mentioned a congregation in Kenya that gets together as a church to listen to these broadcasts.

BoH "With Love from Zambia, this is the Voice of Hope broadcasting to all of Africa on 9680 & 11680 kHz." Then music, including a choral version of "The Little Lord Jesus" traditional Christmas hymn. OM "Merry Christmas from all of us at the Voice of Hope" at :37 & "O Come Let Us Adore Him" (instr'l) among other songs. At :45 into "Global Word" ministries w/OM preacher & starting to get difficult to copy as the signal faded.

3543+3+ band noise not bad but for during occasional deep fades. Up to 454+44 around :20 but then fading back to flirting w/the noise floor by 10 till or so & pretty much gone by 0600 UT.

// 9680 kHz was there earlier (around 0400 UT) but was much weaker & by 0500 UT was just a barely detectable carrier. 0458-0600 UT 13 Dec.
(Ken Zichi-MI, via WOR Dec 18)

Editor's info desk was closed for this edition on January 10th, 2021, at 10:30 hours UTC. Please also see the "List of Broadcasts in German" (Hörfahrplan Deutsch) updated regularly on the WDXC website.

Sources & Contributors:

- A-DX** - e-mail exchange - Austria
 - BCDX** - News Bulletin by Wolfgang Bueschel (wb) - Stuttgart - Germany.
 - Prof. Dr. Hansjörg Biener (hjb)** - Nuremberg - Germany
- Others as stated at contribution.

Abbreviations:

with name of station:
BC / bc = Broadcaster, Int. = International, R = Radio, tx = Transmitter, Vo = Voice of, QRG = frequency

Location of transmitters with frequency:
Al = Aligarh/India, ALB = Albania, Ban = Bangalore, Be = Beijing/China, Bib = Biblis/DL, BOT = Botswana, CHN = China, CLN-TRM = Sri Lanka Trincomalee, Du = Dushanbe/TJK, ERV (ARM) = Erivan/Armenia, F = Issoudun/France, Fl = Florida/USA, HAB = Habana/Cuba, Ho = Hohhot/CHN, HRI = WHRI Cypress Creek/USA, Jin = Jinhua, Kash = Kashgar/CHN, Ka = Kingsway (Delhi), Kh = Khampur

(Delhi), KII - Kall/DL, KOR = (South) Korea, Ku = Kununurra/Aus, Kun = Kunming/CHN, KWT = Kuwait, Lam = Lampertheim/DL, MDA = Moldavia, MDG = Madagascar, MNG = Mongolia, MRA = Northern Marianas, N = Nauen/DL, Nn = Nanning/CHN, OM = Oman, Pan = Panaji/India, Row = Rohrbach Waal/DL, RUS = Russia incl. Sibiria, SAI = Saipan (MRA), SNG = Singapur, STP = Sao Tomé, SWZ = Swaziland (ESWATINI), SZG = Shijazhuang/CHN, TH = (NAK) Nakhon Sawan/Thailand, TIN = Tinian (MRA), TJK = Tajikistan, TWN = Taiwan, UAE = Al Dubbaya/ United Arab Emirates, Ur = Urumchi/CHN, Wil = Winsen/Luhe/DL, Wof = Woofferton/GB, Xi = Xian/CHN, Ya = Yamata/Japan.

Mostly within round brackets target areas as known:

Af = Africa, Am = America, As = Asien, Aus = Australien; Eu = Europe, FE = Far East, ME = Middle East, OC / Pac = Pacific Region; C = Central, E = East, N = North, S = South, W = West

Languages:

Ar Arabic - Ch Chinese - Du Dutch - E, En English - F French - G, Ge German - Gr Greek - I Italian - J Japanese - K Korean - P Portuguese - R Russian - Sp, Spa Spanish - Turk Turkish - VN Vernacular

Technical hint with frequency (QRG):

(* /drm) = Digital Radio broadcast (DRM) v = variable irr / # = irregular / technical problems /USB = upper sideband, /LSB = lower sideband, alt.: (QRG) = alternative frequency

Editor:

Walter Eibl (we)

Email: <we@wwdx.de> or <we@kwrs.de>

Used equipment:

Receiver: ICOM IC-R70 communications receiver (no modification)

Antennas: Hamtronic HT504 selective active antenna, in roof window ca. 15 m above ground

Situation: Herzogenaurach / Germany; 49.567/10.917; 310 m NN

mostly monitoring via WORLD WIDE WEB.

TECHNIK

DW: "Muessen wegen Stoerungen durch 5G dringend handeln".

Die Deutsche Welle hat enorme Probleme durch Frequenzueberschneidungen von 5G mit ihren Programmen ueber C-Band-Satelliten. Das kostet 3 Millionen Euro Steuergeld. Die Deutsche Welle erhaelt im parlamentarischen Haushaltsverfahren drei Millionen Euro fuer technische Neuerungen. Das gab der oeffentlich-rechtliche Sender am 30. November 2020 bekannt [X]

"Der Ausbau der 5G-Technologie wird weltweit stark vorangetrieben. Diese bietet viele neue Moeglichkeiten, stellt uns aber auch vor enorme Herausforderungen, da durch Frequenzueberschneidungen der Empfang unserer Programme ueber sogenannte C-Band-Satelliten in unseren Zielregionen zunehmend gestoert wird, besonders in Nord-, Mittel- und Suedamerika", sagte Guido Baumhauer, Managing Director of Distribution, Marketing and Technology bei der Deutschen Welle.

In naher Zukunft werde der Sender auch Frequenzstoerungen in Asien verzeichnen. "Daher muessen wir dringend handeln und in eine 5G-sichere Distributions-Infrastruktur investieren. Wir fokussieren dabei auf andere Satelliten und verstaerkt auf IP- und Cloudtechnologien", betonte Baumhauer.

Laut einem Telekommunikationsexperten handelt es sich um ein Problem des weltweiten Frequenzmanagements. Fixed- und Ad-hoc-Satellitenverbindungen arbeiten gern im C-Band. "Im EU-Gebiet (CEPT) gibt es kein Problem, da die gegenseitige Stoerung von 5G im C-Band durch die FSL-Koexistenz (Fixed Satelite Links) gut reguliert ist.

Die technischen Bedingungen und Abstandsregelungen zu Satellitenstationen kann man in den Praesidentenentscheidungen der Bundesnetzagentur nachlesen", sagte er. (Internet)

[X] <<https://www.golem.de/news/deutsche-welle-muessen-wegen-stoerungen-durch-5g-dringend-handeln-2011-152475.html>>

(aus P - Wuerttemberg - DARC Rundspruch, 10. Dez. 2020)



DX LOGBOOK

Logs around the clock

by Ashok Kumar Bose, 106 Aspermont Crescent, Brampton, Ontario, L6P 3Z3, Canada
E-Mail: <logbook@wwdxc.de>

MEDIUMWAVE BAND

Frequency	UTC	SIO	ITU	Radio Station	Language	Programme Details	Date	Rep.
567.0	1410	353	ROU	Radio Romania Act.	Romanian	Rpt, ID, Pop // 11975	0712	SG
1386.0	1700	454	LTU	Polskie Radio	German	D, ID, Musikszene	0612	SG
1386.0	1700	454	LTU	Polskie Radio	German	D, ID, dt-poln. Verträge	1511	SG
1386.0	1730	454	LTU	NHK-World-RJ	Russian	R, IS, ID, NX, MX, rpt	1511	SG
1467.0	2045	454	F	TWR-Europe	Polish	Polish, IS, ID, prayer	1811	SG

SHORTWAVE BANDS

Frequency	UTC	SIO	ITU	Radio Station	Language	Programme Details	Date	Rep.
3955.0	1055	354	D	Channel 292	English	E, Popoldies, ID, ann	0412	SG
3955.0	2000	454	G	KBS-WR via Wof	German	D, ID, NX, magazine	1012	SG
3975.0	1500	453	D	Shortwaveradio	Italian	I, ID, DX-Programm	0512	SG
3985.0	1500	454	D	Radio Vatikan Kall	German	D, IS, ID, NX Weltkirche	0612	SG
3985.0	1520	454	D	Radio Belarus Kall	Spanish	S, ID, NX, rpts, MX	0512	SG
3985.0	1540	453	D	Radio Belarus Kall	French	F, IS, ID, NX, MX, rpt	0512	SG
3985.0	1600	444	D	Radio Tirana Kall	German	D, IS, ID, NX, MX	0512	SG
3995.0	1505	343	D	HCJB Weenermoor	German	D, DX-Medienmagazin	0512	SG
5840.0	1045	353	DNK	WMR Branning	English	E, Pop, Jingle-ID	0412	SG
5850.0	0808	553	USA	WRMI	English	Wavescan, KVOH	0401	RL
5900.0	1900	444	BUL	RTI via Kostinbrod	German	D, ID, BP, RdTaiwan	1411	SG
5905.0	1200	454	D	DWD Pinneberg	German	D, ID, Seewetter, Wind	0712	SG
5920.0	1030	343	D	HCJB Weenermoor	German	D, ID, fmk; RTI-DX-Tips	0512	SG
5940.0	1723	342	IRN	IRIB	German	IS, ID, NA, Koran, NX	0612	SG
5960.0	0005	553	D	Mighty KBC via relay	English	Dave Mason ,railwear.ca	0301	RL
5990.0	1940	554	ROU	RRI	Romanian	Rom, rpt, ID, Pop // 7375	0112	SG
6005.0	0900	453	D	RUI via Kall	German	D, IS, ID, NX, HBF	0412	SG
6005.0	1030	453	D	RPI via Kall	German	ID, NX, TE, Sportreport	0112	SG
6005.0	1100	454	D	RSI via Kall	German	D, ID, NX, EU-Haushalt	0112	SG
6005.0	1130	454	D	SRF via Kall	German	D, IS, ID, Rendevouz	0112	SG
6005.0	1200	454	D	RSI via Kall	English	E, ID, ann, magazin	0712	SG
6005.0	1900	454	BUL	RTI via Kostinbrod	French	F, ID, ann, NX, WX, rpt	1411	SG
6020.0	0400	554	ROU	RRI	English	E, IS, ID, NX, rpt // 7410	0512	SG
6030.0	0430	443	USA	Radio Marti via Gr	Spanish	S, ID, rpt musica // 7435	0512	SG
6045.0	1145	554	D	Radio Sixty	German	D, ID, adr, Rockpop	1411	SG
6050.0	0400	251	EQA	HCJB Pichincha	German	D, ID, Medienmagazin	0512	SG
6050.0	0500	252	EQA	HCJB Pichincha	German	D, ID, Medienmagazin	1411	SG
6055.0	1130	454	D	Ev. Missionsgem.	German	D, IS, ID, Predigt	0512	SG
6070.0	0700	454	D	Radio Waves Int.	English	E, ID, birthday show	1511	SG
6070.0	0800	454	AUT	Superclan Radio	English	E, ID, Rockpop, mail-adr	1511	SG

6070.0	0830	454	D	Channel 292	English	E, ID, Rockpop Oldies	2511	SG
6070.0	0900	454	D	Jake FM via Ch292	German	D, ID, Rockpop	0512	SG
6070.0	0900	454	D	RNI via Ch292	German	D, ID, Goldrausch	0612	SG
6070.0	0900	454	D	Texas Radio SW	English	ID, Thanksgiving show	2111	SG
6070.0	0900	454	D	RNI via Ch292	German	D, ID, Goldrausch	2211	SG
6070.0	1000	554	AUT	Radio DARC	German	D, ID, 303; Mond	0612	SG
6070.0	1000	454	D	The Music Show	English	E, ID, Rockpop, ID, adr	2011	SG
6070.0	1000	454	D	Novum FM	German	D, ID, Rockpop 70, ann	2111	SG
6070.0	1000	554	AUT	Radio DARC	German	ID, 302; WR-Teleskope	2911	SG
6070.0	1100	454	D	Korches Radio	German	D, ID, VMX; RTI-HK	0612	SG
6070.0	1100	454	D	VORW Radio Int.	English	E, ID, MX, Corona, Rock	0812	SG
6070.0	1100	454	D	Radio Ohne Namen	German	D, ID, Rockpop, ann	2011	SG
6070.0	1100	454	D	Encore via Ch292	English	E, ID, classical music	2111	SG
6070.0	1100	453	D	Welle 370 via Ch292	German	ID, Prise FG; talk; HBF	2211	SG
6070.0	1100	454	D	SM-Radio Dessau	German	D, ID, Jub4-Sendung	2911	SG
6070.0	1200	454	D	Free Radio Skybird	English	ID, MX, free spirit radio	1511	SG
6070.0	1200	454	D	Radio Ohne Namen	Multi	D/E, ID, Tanzmusik	2011	SG
6070.0	1200	453	D	Free Radio Skybird	English	ID, MX, free spirit radio	2211	SG
6070.0	1200	454	D	Alt-Universe Ch292	English	E, ID, Billboard Hits	2811	SG
6080.0	1800	454	G	BBC-WS-Relay	French	F, ID, rpts Afrique	2911	SG
6105.0	0300	343	F	NHK-World-RJ	Japanese	J, ID, NX, ann, rpt	0312	SG
6125.0	0400	454	TUR	TRT	English	E, IS, ID, NX // 7240	0712	SG
6140.0	0900	554	AUT	Welle 370 via ORS	German	D, IS, ID, adr, Gespräche	0612	SG
6140.0	1220	443	HOL	Radio Onda	Portuguese	P, MX, ann, ID, talk	2211	SG
6145.0	0500	554	ROU	RRI	Romanian	IS, ID, NX, WX, rpt	0512	SG
6150.0	0300	454	ROU	RRI	Spanish	S, IS, ID, NX, rpt // 7410	0512	SG
6150.0	1225	454	D	Europa 24 Datteln	German	D, ID, Pop // 6160	1911	SG
6155.0	0600	554	AUT	OE1 via ORS	German	D, IS, ID, NX, rpts	2111	SG
6160.0	1225	454	D	Shortwaveradio	German	D, ID, Pop // 6150	1911	SG
6165.0	0430	343	D	NHK-World-RJ	Russian	R, ID, NX, rpts, MX	0512	SG
6180.0	1200	454	D	DWD Pinneberg	German	D, ID, Seewetter, Wind	0712	SG
6195.0	0300	343	OMA	BBC-WS-Relay	English	E, ID, NX, African MX	0412	SG
6195.0	2100	444	STP	VOA-Relay	English	E, ID, NX, MX, rpts	1811	SG
7205.0	2100	343	CHN	CRI	English	E, IS, ID, NX, MX, rpts	1711	SG
7210.0	1400	554	ROU	RRI	Russian	R, IS, ID, NX, MX, rpt	1711	SG
7230.0	1715	454	CVA	Vatican Radio	English	E, ID, world news	0612	SG
7240.0	0400	454	TUR	TRT	English	E, IS, ID, NX // 6125	0712	SG
7250.0	2200	454	CHN	CRI	Spanish	S, IS, ID, NX, rpt	1411	SG
7255.0	2020	454	CHN	CRI	Russian	R, rpt, ann, ID, MX	1012	SG
7260.0	2200	554	CHN	CRI	Portuguese	P, IS, ID, NX, MX, rpt	1311	SG
7280.0	2000	433	VTN	VOV	German	D, ID, NX, rpt, MX	1012	SG
7290.0	1650	443	IRN	IRIB	Russian	R, IS, ID, NX, MX, rpt	2411	SG
7300.0	1800	443	IRN	IRIB	German	D, Test, MX, ID, rpt	2511	SG
7330.0	1515	554	ROU	RRI	German	D, ID, FBK, Jazz	2211	SG
7350.0	2000	554	CHN	CRI	French	F, ID, NX, rpt, ID; MX	1012	SG
7355.0	0330	443	USA	Radio Marti via Gr	Spanish	S, ID, rpt musica // 7435	0512	SG
7365.0	1145	453	D	HCJB Weenermoor	German	ID, Bibel, Lieder // 5920	1911	SG
7375.0	2000	554	ROU	RRI	Romanian	Rom, TS, ID, NX // 5990	0112	SG
7380.0	0330	454	IRN	IRIB	Arabic	A, MX, ID, rpt	0412	SG
7410.0	0441	554	ROU	RRI	English	Listeners Letterbox	0401	RL
7410.0	0400	554	ROU	RRI	English	E, IS, ID, NX, rpt // 6020	0512	SG
7410.0	2200	454	CVA	Vatican Radio	Chinese	Ch, IS, ID, ann, NX	1811	SG
7415.0	2140	554	CHN	CRI	English	E, ID, rpt students	1811	SG
7435.0	0330	454	USA	Radio Marti via Gr	Spanish	S, ID, rpt musica // 7355	0512	SG
7475.0	2030	454	THA	RTWS	English	E, IS, ID, NX, rpts	1012	SG
7490.0	0430	454	USA	WHRI	English	E, ID, bible bc, ID	0712	SG
7570.0	1400	453	KRE	Voice of Korea	French	F, IS, ID, NA, MX, NX	1611	SG
7780.0	2200	453	USA	RTI via WRMI	Spanish	S, rpt, MX, ID, adr, ann	1411	SG

9275.0	1430	444	PHL	FEBC R Liangyou	Chinese	Ch, song, ID, prayer	1611	SG
9290.0	1415	453	ARM	TWR-India-Relay	Hindi	Hindi, IS, ID, relPX	1611	SG
9290.0	1420	453	ARM	TWR-India-Relay	English	E, IS, ID, relPX	0712	SG
9330.0	2000	252	USA	WBCQ WLC Radio	German	D, ID, relPX, adr	1012	SG
9330.0	2055	544	USA	WBCQ	German	Program	0101	RL
9370.0	1400	453	THA	Deewa Radio	Pashto	Pashto, ID, NX, MX	1711	SG
9420.0	0640	454	GRC	ERT Athen	Greece	Gr, ID, Rockpop, ID	0912	SG
9630.0	1415	353	KOR	KBS-WR via Kimjae	English	E, ID, ann, magazin	0712	SG
9690.0	1500	343	E	REE	Spanish	S, ID, futbol live // 12030	2211	SG
9810.0	1410	454	ROU	Radio Romania Act.	Romanian	rpt, ID, Pop // 11975	0712	SG
9940.0	1400	343	THA	RTWS	English	E, IS, ID, ann, NX	0812	SG
9980.0	2100	443	USA	WWCR,Nashville	English	Advt. for gold & silver	0101	RL
9950.0	1440	454	MDA	TWR via Kishinev	Hindi	Hindi, prayer bc, ID, adr	1611	SG
11600.0	0900	454	BUL	TOM via Kostinb.	English	E, ID, adr, bible bc	0812	SG
11685.0	1530	444	E	REE	Spanish	S, ID, futbol live // 11940	0512	SG
11705.0	1515	454	MDG	Radio Tamazuj	Arabic	A, ID, rpt, ID, rpt	0512	SG
11725.0	0920	453	NZL	RNZ	English	E, phone rpt, ID	0112	SG
11795.0	1000	554	TUR	TRT	Persian	Persian, ID, NX, MX, rpt	0812	SG
11825.0	1200	453	AUS	Reach Beyond	English	E, ID, psalms hope bc	2211	SG
11850.0	1230	453	SNG	BBC-WS-Relay	English	E, rpt Korea, ID, Somali	1611	SG
11875.0	1345	453	AUS	Reach Beyond	English	E, ID, drama	0112	SG
11875.0	1345	454	AUS	Reach Beyond	English	E, ID, spotlight: relation	0712	SG
11880.0	2201	453	CUB	Radio Habana Cuba	English	Culture,year of 2020	0301	RL
11940.0	1530	454	E	REE	Spanish	S, ID, futbol live // 12030	0512	SG
11965.0	1030	453	GUM	KTWR-Agana	Vernacular	Vern, IS, ID, bibel bc	0812	SG
11965.0	1100	343	GUM	KTWR-Agana	English	E, IS, ID, bibel bc	0812	SG
11965.0	1200	343	PHL	VOA-Relay	English	E, ID, NX, MX // 15560	1911	SG
11975.0	1400	554	ROU	Radio Romania Act.	Romanian	Rom, ID, rpt, Pop // 9810	0712	SG
11980.0	1300	343	STP	DW-Relay	Hausa	Hausa, ID, rpts	0812	SG
12005.0	0910	444	D	Radio Farda	Persian	Persian, MX, ID, MX	0112	SG
12015.0	1100	343	CHN	CRI	English	E, ID, NX, rpt movement	0512	SG
12030.0	1230	443	GUM	KSDA-Agat	Vernacular	Vern, prayer bc, ID, adr	1911	SG
12030.0	1530	454	E	REE	Spanish	S, ID, futbol live // 11940	0512	SG
12035.0	1328	554	TUR	TRT	English	E, IS, ID, NX, press	0712	SG
12065.0	1350	343	SNG	BBC-WS-Relay	English	E, ID, female rpt, ID	0712	SG
12095.0	1230	454	PHL	FEBC Bocaue	Vernacular	Vern, prayer bc, ID, adr	1611	SG
12120.0	1215	453	PHL	FEBC Bocaue	Vernacular	Vern, prayer bc, ID, adr	1611	SG
13750.0	1200	554	ROU	RRI	English	E, IS, ID, NX, rpts	1611	SG
13820.0	0830	453	IRN	IRIB	Arabic	A, IS, ID, NX	0812	SG
13845.0	1330	443	USA	WWCR	English	E, ID, adr, rpt paramount	0812	SG
15160.0	0855	454	KOR	KBS-WR Kimjae	Korean	Korean, IS, ID, NX	2511	SG
15185.0	0900	443	CHN	CRI	English	E, TS, ID, NX, rpts	2411	SG
15210.0	0900	454	CHN	CRI	English	E, ID, NX, round table	0112	SG
15255.0	1100	554	ROU	RRI	French	F, IS, ID, NX, rpt	1611	SG
15260.0	0900	554	CHN	CRI	Romanian	Romanian, IS, ID, NX	2611	SG
15270.0	1230	554	TUR	TRT	German	D, IS, ID, NX, rpt	0712	SG
15290.0	0800	453	F	NHK-World-RJ	Japanese	J, ID, NX, ann, rpt	2511	SG
15335.0	0800	554	CHN	CRI	Russian	R, IS, ID, NX, MX, rpt	2411	SG
15430.0	1100	554	ROU	RRI	French	F, IS, ID, NX, rpt	1611	SG
15430.0	1230	353	CLN	AWR-Relay	Vernacular	Vern., IS, ID, prayer	1911	SG
15460.0	1200	554	ROU	RRI	English	E, IS, ID, NX, rpt	1611	SG
15560.0	1200	343	PHL	VOA-Relay	English	E, ID, NX, MX // 11965	1911	SG
15760.0	1200	454	THA	Mashaal Radio	Pashto	Pashto, ID, NX, MX	1511	SG
15770.0	1156	444	USA	WRMI	English	E, MX, ID, adr, TOM	1611	SG
15770.0	1319	433	USA	RAE via WRMI	English	E, ID, Corona bc, DX	0712	SG
15825.0	1300	443	USA	WWCR	English	E, ID, ann, prayer	1911	SG

17490.0	1200	554	CHN	CRI	English	E, ID, business	0512	SG
17615.0	1250	554	ARS	Saudi Radio	Arabic	A, ID, NX, ID, Gesang	1911	SG
17680.0	1200	242	PHL	VOA-Relay	English	E, ID, NX, MX // 11965	1911	SG
17800.0	1200	443	ROU	RRI	English	E, IS, ID, NX, rpts	1611	SG
17880.0	1300	343	MLI	CRI	French	F, IS, ID, NX, rpt	1911	SG
21470.0	1200	454	ROU	RRI	English	E, IS, ID, NX, rpts	1611	SG

Here are the loggings from Richard D'Angelo of Wyomissing, PA, USA:

- 6040.0 FRANCE Radio Algerienne – Issoudun, 2116-2207 Dec 19, tuned in to Qu'ran recitations. Later Arabic language talk by a OM followed by a vocal selection. A woman announcer with news at 2200. Fair.
- 6185.0 AUSTRIA NHK Radio Japan – Moosbrunn, 0527-0530* Dec 20, close of the English program with OM providing station ID and close-down announcements. Fair and mixing with Radio Educacion.
- 6185.0 MEXICO XEPPM Radio Educacion – Mexico City, 0530-0607 Dec 20, after Radio Japan cleared channel, this one in at fair level with a program of non-stop romantic Spanish language songs; no announcements.
- 7265.0 ENGLAND BBC – Woofferton, 0618-0629* Dec 22, man announcer talking in the French language, YL with station ID at 0625 followed by more talk. Carrier cut at 0629. Fair to good reception.
- 9720.0 CLANDESTINE Dimtse Radio Erena – Kostinbrod, 1736-1800* Dec 24, woman announcer talking in the Tigrinya language followed by a male vocal selection. Nice station ID at 1753 followed by further talk segments. After instrumental music, a man announcer gave the news. A woman announcer gave the station ID prior to closing instrumental music and announcements. Poor.
- 9740.0 GERMANY Gruss an Brod via Nauen, *2100-2300* Dec 24, enjoyed this annual Christmas Even program to seafarers with mainly German talk although there was an interview in the English language which was translated into German. Several songs but closed with English version of "Silent Night". Poor to fair but steadily improving. Noted //9830 (Issoudun), 9675 (Moosbrunn?), and 6145 (Nauen).
- 11650.0 FRANCE Gruss an Brod via Issoudun, 2056-2059* Dec 24, caught end of first two hours of annual Christmas Even program for seafarers. Man and woman announcer speaking in the German language followed by male vocal selection before the carrier was terminated. Poor.
- 11900.0 SAO TOME Voice of America – Pinheira, 1942-2016 Dec 22, French Service with Daybreak Africa program with news features. Station ID at 1948 and again at 2000 prior to beginning of a rap music program. Fair to good reception.

Here are the loggings from Rudolf Grimm, São Bernardo, SP, Brazil:

- 760.0 ARGENTINA : Emisora Atlantica, Mar del Plata, Spanish, 08/12 0203. Typical songs, male announcer: '... de la gente Platense'. 35543.
- 1100.0 CHILE : BBN Radio, Viña del Mar, Spanish, 13/12 0055. Talk by male announcer, 'BBN', instrumental music. 25222.
- 1080.0 PARAGUAY: Radio Monumental, Asunción, Spanish, 13/12 0050. Sport News, Olimpia, Paraguay. 34543.
- 4775.0 PERU : Radio Tarma, Tarma, Spanish, 07/12 2332. Talk by 2 speaker about sport in Peru, mention to Lima. 35443.
- 4925.0 BRAZIL : Radio Educação Rural (t), Tefé, 08/12 0102, Brazilian songs. Advs, lojas Pereira, produtos naturais... 25442.
- 5010.0 USA: Family Radio, via Okeechobee, Spanish, 07/12 2315. Christian program, Bible Reading (Psalm 72), song, id 'Family Radio, Okeechobee...'. 35543.
- 5860.0 KUWAIT : Radio Farda, Kuwait City, Persian, 21/12 0055. A Song in Persian style, communication by female speaker, 'Radio Farda'. 35543.
- 5970.0 USA: WEWN, Vandiver, Spanish, 19/12 0937. Religious program, talk by male voice. 35333.
- 6055.0 JAPAN : Radio Nikkei 1, Chiba, Japanese, 19/12 0932. A happy communication from male and female speakers. 25442.
- 6075.0 CHINA : PBS Qinghai, Yushu, Chinese, 21/12 0105. Talk by male voice. Chinese instrumental music. 25422.
- 6165.0 MYANMAR: Thazin Radio (pres.), Naypyidaw, Sgaw Karen, 21/12 0115. Typical songs, Talk by male voice. Music by guitar. 15421.
- 6180.0 BRAZIL : Radio Nacional da Amazonia, Brasilia DF, 06/12 1727. Brazilian songs, male Talks. 35553.
- 9505.0 SUDAN : Voice of Africa, Al Fitahab, English, 20/12 1720. Talk by male voice. 'Welcome.. Sudan'. 25322.
- 9635.0 MALI : Radio Mali, Bamako, French, 18/12 1540. African style instrumental music. 35543.
- 9730.0 MYANMAR: Myanmar Radio (t), Yangon, Burmese, 08/12 0055. Talk by male announcer. 25332.
- 9835.0 MALAYSIA: RTM Sarawak, Kajang, Malaysian, 08/12 0040. Song and male communication. 25322. 10000.0 BRAZIL : Observatório Nacional, Rio de Janeiro, 06/12 1726. Time pips, time checking each 10 seconds 'Observatório Nacional, 14 horas, 26 minutos, 30 segundos'. 45554.
- 11660.0 ESWATINI : TWR Africa, Manzini, Amharic, 20/12 1703. Talk by female voice, Christian song. 35333 11665.0 MALAYSIA: RTM Wai / Limbang FM (t), Malaysian, 08/12 0002. Three announcers in a joyful communication, a song by YL. 35333.

- 11750.0 SRI LANKA : SLBC, Trincomalee, Sinhala, 06/12 1722. Talk by female speaker, romantic song. 35543 11870.0 PHILIPPINES : Voice of America, via Tinang, Burmese, 06/12 1625. Male announcer. Sign-off on 1630: 'This is the Voice of America, Washington DC, signing off'. Interval signal. 35543.
- 11910.0 DRM BRAZIL : Radio Nacional, Brasilia DF, 17/12 1115. Brazilian songs, YL: songs ids, id 'Nacional FM'. 35543.
- 11935.0 MADAGASCAR: Radio Vaticano, via Talata-Volondry, English, 06/12 1632. Religious program, talk by male and female announcers. Id. 35543.
- 11985.0 SRI LANKA : Adventist World Radio, via Trincomalee, Urdu, 20/12 1605. Male voice communication, message, instrumental music. 25542.
- 12070.0 PHILIPPINES: FEBC Radio Liangyou 1, Iba, Chinese, 08/12 0032. Talk by male and female speakers. 35443.
- 12936.0 USB SOUTH KOREA: HLG Seoul Radio, Seoul, CW marker, 07/12 2352. 'CQ CQ CQ DE HLG HLG HLG QSK 12 MHZ K'. 579 .
- 13820.0 USA: Radio Marti, Greenville, Spanish, 06/12 1636. Talk by female voice abt 'frutas citricas'. Instrumental mx, talk by male voice. 35543.
- 15105.0 ESWATINI : TWR Africa, Manzini, French, 20/12 1949. Christian program, male voice: contact address, instrumental music, TWR Africa interval signal, 1950 Sign-off. 35553.
- 15120.0 SAUDI ARABIA : Radio Saudi International, Riyadh, Bengali, 17/12 1127. Male voice communication, talk in Arabic language. 35553.
- 15150.0 MADAGASCAR : Adventist World Radio, via Talata-Volondry, Punjabi, 19/12 1525. Christian program, message by male voice, prayer, a song. 25422.
- 15190.0 BRAZIL : Radio Inconfidencia, Belo Horizonte, 20/12 1947. Brazilian songs. Female voice: 'Tom Brasil'. 25442. // transmission w/6010 kHz.
- 15285.0 FRANCE: Radio Manara International, via Issoudun, Hausa, 20/12 1645. Talk about Nigeria, Manara by male voice. Phone-in. 35543.
- 15330.0 PHILIPPINES : FEBA Radio, Bocaue, Mon, 17/12 1132. Christian song, message by male voice. 35543 15350.0 FRANCE: Deutsche Welle, via Issoudun, Hausa, 19/12 1502. Sports talks by two YL's. Mention of 'Armenia...'. 35553.
- 15350.0 TURKEY : Voice of Turkey, Emirler, Turkish, 17/12 1136. Talk by male voice. Song. 35543.
- 15400.0 VATICAN CITY : Radio Tamazuj, via Sta. Maria di Galeria, Juba Arabic, 19/12 1510. Talk by male voice about 'Sudan, Africa'. Interview. 25542.
- 15475.97 ANTARCTICA : Radio Nacional Arcangel San Gabriel, Base Esperanza, Spanish, 19/12 1402-1420. Talk about LRA36 services, '...la familia tiene una gran importancia...', female voice, Argentinian style song. Id by male voice: 'Radio Nacional, Antartida Argentina'. 25552 / 35553.
- 15480.0 TURKEY : Voice of Turkey, Emirler, Turkish, 17/12 1142. Talk by male voice. 25542.
- 15610.0 SRI LANKA : Adventist World Radio, via Trincomalee, Shan, 17/12 1135. Talks by YL, instrumental music, Religious program. 35543.
- 15625.0 GUAM : KSDA Adventist World Radio, Agat, Chinese, 07/12 2350. Christian program . 35553.
- 15690.0 GERMANY: Radio Farda, via Biblis, Persian, 19/12 1520. Talk by male voice, Persian songs. 25532.
- 15810.0 USA: WTTW Dave Ramsey Show (t), Lebanon, English, 20/12 1940. Talk show by male voices. 15321 .
- 21670.0 SAUDI ARABIA : Radio Saudi International, Riyadh, Indonesian, 17/12 1150. Male Talks . 25432.

Thanks a lot to our club members for their contributions:

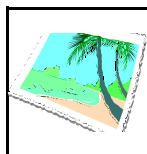
- RAD : Richard D'Angelo, Wyomissing, Pennsylvania, USA. Ten-Tec RX-340, Drake R-8B, Eton E1, Eton E5, Alpha Delta DX Sloper, RF Systems Mini-Windom, Datong FL3, JPS ANC-4.
- RG : Rudolf Grimm, São Bernardo, SP, Brazil. Icom IC-R8500 + AOR LA400 Indoor Loop & Sony ICF2001D + RGP3 Indoor Ferrite Loop Antenna.
- SG : Siegbert Gerhard, Frankfurt, Germany. AOR AR 7030 + 5m EMF antenna, Sangean 818 ACS & Degen DE 1103 both with Telescopic ant.

Dear Friends,

Welcome to the first edition of 2021. Hope everybody had a wonderful holidays inspite of the Covid lockdown and winter.

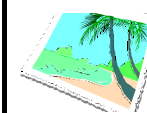
Thanks to our regular contributors for this Logbook,

Ashok Kumar Bose



QSL CORNER

Editor: Dario Gabrielli, Viale della Resistenza 33b, 30031 Dolo (Ve), ITALY
eMail: <qsl@wwdxc.de>



Austria: Welle370 5980 kHz. QSL received in 83 days for report sent to Welle370, Funkerberg 20, Senderhaus 1, 15711 Koenigs Wusterhausen, Germany. I enclosed mint German stamps. (PG)

Germany: Korchesradio 6070 kHz. QSL received in 12 days for report sent to Korches Radio, Sabrina-Sander-Pettermann, Erlenweg 4, 96264 Altenkunstadt, Germany. I enclosed mint German stamps. (PG)

Jake FM 6070 kHz. E-QSL received in 1 day for report sent to <qsl@jake-fm.de> (BS)

Korches Radio 6070 kHz e-QSL received in one day for report sent to <qsl@korches-radio.de> (BS)

Polskie Radio 6005 kHz via Kall-Krekel. German Service. QSL received in 42 days for report sent to Al. Niepodleglosci 77, 85 00-977 Warszawa, Poland. (PG)

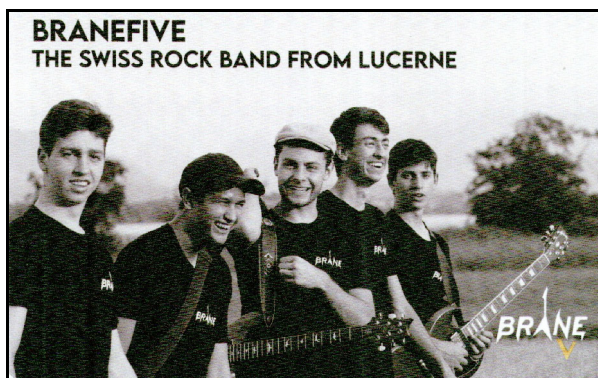
Power Rumble 6070 kHz. E-QSL received in 7 days for report sent to <radiopr@partyheld.de> (BS)

Radio Klein Paris via HCJB 3955. QSL received in 44 days for report sent to RKP, c/o Thomas Kirchner, Staudingerweg 9, 74081 Heilbronn, Germany, I enclosed mint German stamps. (PG)

Radio Slowakei International 6005 kHz via Kall-Krekel. German Service. QSL received in 16 days for report sent to RSI, Mlynska dolina, 845 45 Bratislava, Slovakia. (PG)

Radio Tirana 3985 kHz via Kall Krekel. QSL received in 22 days for e-report sent to: <aiibro@albaniaonline.net> (PG)

Swiss Rockband Branefive via Channel 292 Rohrbach 6070 kHz. Special promotion for their debut single "free the animal in you". Full data colour QSL-card. Received in 81 days from Branefive/Elias Ruckstuhl, Schloss Heidegg 1, CH-6284 Gelfingen, Switzerland, for e-mail report to <qsl@branefive.com> (HB)





RNZ Pacific
1948-2008 Proud to serve the Pacific for 60 years
The Voice of New Zealand. Broadcasting to the Pacific
Te Kōi Irirangi o Aotearoa. Te Moana Nui A Kīwa

QSL CONFIRMATION
To: Dr Hansjoerg Biener
Greetings from the South Pacific!
Thank you for your report on our transmission which we are pleased to verify.



Date: 2020-12-31	Time: 10:55 UTC	Frequency: 11725 KHZ
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Our Thompson CSU 100 kw transmitter is located at Rangitaiki, east of Lake Taupo, and is linked to our studios in Wellington, 340 kms south of the town Taupo.
For QSL response by airmail please see QSL information at <https://www.rnz.co.nz/international>
Best 73's
Adrian Sainsbury
Frequency Manager

New Zealand: RNZ Pacific 11725 kHz via Rangitaiki . Relay of RNZ domestic service. Online QSL for their new year's eve request show and ushering in the new year at 2400 NZ time. Received on the same day (NZ) from Adrian Sainsbury (Frequency Manager) for report via website at <<https://www.rnz.co.nz/international/qsl>> (HB)

Romania: Radio City 9510 kHz via Tiganesti.e-QSL received in 1 day for e-report sent to: <citymorecars@yahoo.ca> (BS)

The reporters of this edition of QSL CORNER have been:

BS = Bernd Seiser, Ottenau, Germany

HB = Hansjoerg Biener, Nuremberg, Germany

PG = Paul Gager, Vienna, Austria

It is with great pleasure that this month also I was able to insert this page in the magazine and I thank very much the collaborators who participated and whom I thank hoping that you have started the year in excellent health.

Please remember that the next deadline for your contributions is on **12 February 2020** at 23:00 UTC. *Dario*

"Secret" Frequencies for SDR Fun Worldwide Broadcast and Utility Radio Stations

Up-to-date frequencies, schedules and digital data codes for 2021!

The screenshot shows the WAVECOM W-CODE software interface. The main window displays a list of radio station frequencies and their corresponding digital data codes. The list includes:

Time	Frequency	Code
11 May 2020, 16:11:31	6422.0 KHZ	CQ CQ CQ DE DE DE PWZ33 PWZ33 PWZ33 Z Z Z
11 May 2020, 16:11:44		DO BRASIL
11 May 2020, 16:11:48		DIRETORIA DE COMUNICACOES E TECNOLOGIA DA INFORMACAO DA MARINHA
11 May 2020, 16:12:04		BOLETIM DE ORDENS E NOTICIAS
11 May 2020, 16:12:14		NR 428 DE 11 DE Maio DE 2020
11 May 2020, 16:12:23		GERAL
11 May 2020, 16:12:25		COMANDO DL DE FUZILEIROS NAVAIS
11 May 2020, 16:12:37		Mar - 017 BONO Especial NR 429/2020 do CPesFN - Compropo de Serviço ate a Estabi
11 May 2020, 16:12:56		lidade.
11 May 2020, 16:12:58		DIRETORIA DO PESSOAL MILITAR DA MARINHA
11 May 2020, 16:13:08		Mar - 018 BONO Especial NR 430/2020 da DPMM - Examiissao ao Curso Especial de Hab
11 May 2020, 16:13:32		ilitacao pocao a Sargento (EA-HSG) em 2020.
11 May 2020, 16:13:45		ESTACAO RADIO DA MARINHA 019 BONO Especial NR 431/2020 da ERM RJ - Visita as
11 May 2020, 16:14:06		instalacoes operativas da ERM RJ.
11 May 2020, 16:14:18		BONO Geral NR 428/2020 BT
11 May 2020, 16:14:30		CQ CQ CQ DE PWZ-33 PWZ-33 PWZ-33 Z Z Z
11 May 2020, 16:14:47		QRU/ZKM QRU/ZKM QRU/ZKM QRU/ZKM
11 May 2020, 16:15:01		QRU/ZKM QRU/ZKM QRU/ZKM QRU/ZKM
11 May 2020, 16:15:12		QRU/ZKM QRU/ZKM QRU/ZKM QRU/ZKM
11 May 2020, 16:15:26		QRU/ZKM QRU/ZKM QRU/ZKM QRU/ZKM
11 May 2020, 16:15:41		QRU/ZKM QRU/ZKM QRU/ZKM QRU/ZKM

A small window titled "CRC Table" is open in the bottom right corner, showing a list of CRC codes and their descriptions:

CRC Code (Hex)	CRC Description
0000	HAM
4943	UNO
4348	ICRC
4649	IFR
4244	5
534d	6
4244	7
5243	8
0216	9

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