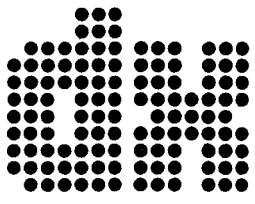


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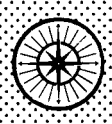
BBC ORTF
ADIO MOSKOU
NDR RAI TVR



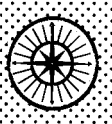
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WORLD WIDE DX CLUB



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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>>



New QSL series 2002 of Radio Prague via Paul Reinersch, Germany

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DX MAGAZINE No. 1

Vol. LVII

January 2022

Hello again,

Welcome to the first issue of our DX MAGAZINE in this New Year 2022. 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 2022 recently and/or have ordered the new WORLD RADIO TV HANDBOOK 2022 from us and especially those who have added a donation for the club to their payment.

Please notice that we have sold all copies of WRTH 2022 we had ordered from WRTH Publications Ltd. Therefore, if you still need a copy of WRTH 2022, we ask you to order directly from WRTH.com or from Amazon.

Unfortunately we have to inform you that this has been the last edition of WORLD RADIO TV HANDBOOK. Here is the official information from Nicholas Hardyman: *"We are very sorry to announce that, after producing World Radio TV Handbook for the past 24 years, this edition will be the final WRTH produced and published by WRTH Publications.*

This has been an extremely difficult decision and was only made after a lot of thought and discussion.

We know that our readers rely on WRTH and greatly enjoy getting the new edition every year, and we realise that this news will be very disappointing for many people.

We wish to thank you for your loyal support over the years.

Good DX and happy listening, Nicholas Hardyman, Publisher, and the WRTH Editorial team"



And now over to our usual information from outside the club: (Cf. DXM 10/2021) **Klingenfuss Publications** have published their five new products for 2022 by December 15th, 2021:

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

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

Cap'n Ric of **Texas Radio Shortwave** has informed us that they have additional test transmissions for Europe, starting in January on Saturdays at 11:00 UTC via WRMI on 15770 kHz and at 13:00 UTC via Channel 292 on 9670 kHz. Their full January schedule can be found at <<http://download.wwdxc.de>>.

Cap'n Ric writes: "We regularly receive feedback from European listeners that the Channel 292 broadcasts are sometimes not heard well. We thought we'd take advantage of the WRMI broadcasts to check and see how that freq's being received. TRSW would like to know if this is a good time for European listeners. If it is, these broadcasts could become permanent to supplement or perhaps replace the two broadcasts on Channel 292. We invite listeners to tune in and send reception reports to <texasradiosw@gmail.com>. Correct detailed reports will receive an extraspecial electronic verification. Later this weekend, the eQSL design will be posted on TRSW's Facebook page (<<https://www.facebook.com/texasradiosw/>>). Next month, we'll decide if this is a broadcast we'll continue formally."

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

NEWS ABOUT BROADCASTING (+other) STATIONS

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

European, Private Shortwave Stations - January 1st, 2022

Only legal stations are included. Most stations use low power, but a few use several kW.

kHz	Country	Name	Transmitter site	Schedule (UTC)
3955	D	Radio Channel 292	Rohrbach Waal	Daily 0700-2000 & 2200-0600
3975	D	Shortwave Gold	Winsen	Daily 0700-2100
3985	D	Shortwaveservice	Kall-Krekel	Daily 1500-2100
3995	D	HCJB	Weenermoor	24/7
5895	NOR	The Sea / Radio Northern Star	Bergen	Silent, but renewal of license granted
5920	D	HCJB	Weenermoor	Daily 0700-1705
5930	DNK	World Music Radio	Bramming	24/7
5955	NL	Sunlite	Westdorpe	24/7. From week 2: Daily 0400-1700
5970	DNK	Radio208	Hvidovre	24/7
5980	DNK	Radio OZ-Viola	Hillerød	Wed 2200-2300
5980	FIN	Scandinavian Weekend Radio	Virrat	1st Sa LT of the month (not in January)
5990	NL	Lomp Radio	Klazienaveen	F.pl.
6005	D	Shortwaveservice	Kall-Krekel	Daily 0900-1700
6020	NL	Radio Delta International	Elburg	Su 0600-1500
6055	DNK	Radio OZ-Viola	Hillerød	Sa-Su 1200-1400
6070	D	Radio Channel 292	Rohrbach Waal	24/7
6085	D	Shortwaveservice	Kall-Krekel	Daily 0800-1800 (Radio MiAmigo Int'l)
6115	D	Radio SE-TA 2	Gera	Irr. (0900-1200 UTC)
6125	NL	Radio Europe	Alphen a/d Rijn	Irr. (1400-2300 UTC)
6140	NL	Radio Onda, Belgium	Borculo, NL	Irr. (weekends)
6150	D	Europa 24	Datteln	Daily 0800-1605
6160	D	Shortwave Gold	Winsen	0800-1500
6170	FIN	Scandinavian Weekend Radio	Virrat	1st Sa of the month (not in January)
6170	NL	Radio Piepzender	Zwolle	F.pl. (or 6195)
6185	NL	Radio Piepzender	Zwolle	Irr. (will change to 6170 or 6195 kHz)
6195	NL	Radio Piepzender	Zwolle	F. pl. (or 6170)
7280	NL	Rockpower	Nijmegen	Irr.
7340	NL	Radio Delta International	Elburg	F.pl.
7365	D	HCJB	Weenermoor	0900-1500
7445	NL	Radio Piepzender	Zwolle	Irr. (0800-1800 UTC)
9530	NL	Radio Onda, Belgium	Borculo, NL	Irr. (weekends)
9670	D	Radio Channel 292	Rohrbach Waal	24/7
11690	FIN	Scandinavian Weekend Radio	Virrat	1st Sa of the month (not in January)
11720	FIN	Scandinavian Weekend Radio	Virrat	1st Sa LT of the month (not in January)
15785	D	FunkLust	Erlangen	DRM-modulation
15790	DNK	World Music Radio	Randers	24/7
25800	DNK	World Music Radio	Mårslet, Aarhus	24/7

This list is compiled by Stig Hartvig Nielsen each first day of the month – based on details supplied by the radio stations, the stations websites, monitoring observations, HFCC registrations, and some presumptions. The list is not copyrighted and may be published everywhere. Subscription by email is free of charge; write to: <shn@wmr.dk>.

ALASKA - Frequency change of KNLS 'The New Life Station' via Anchor Point tx#2:

1500-1600 on 9550 NLS 100 kW / 300 deg to NEAs Russian, ex 9465 kHz to avoid same time on 9470 LAM 100 kW / 075 deg to CAs Tajik USAGM RFE Radio Liberty. But wrong frequency announcement in Russian at 1125 on 9570 kHz December 19 & also previous frequency 9465 kHz is on KNLS Russian and KNLS English websites.

Reception of KNLS The New Life Station in Russian on new 9550 kHz via Anchor Point, December 20:

1500-1600 on 9550 NLS 100 kW / 300 deg to NEAs Russian tx#2, ex 9465. Good via SDR Half Moon Bay CA, USA
 1500-1600 on 9550 NLS 100 kW / 300 deg to NEAs Russian tx#2, ex 9465. Good via SDR Kanuma Tichigi, Japan
 At 1516UT on 9550 kHz again wrong frequency announcement for those Russian broadcast:

1500-1600 on 9465 NLS 100 kW / 300 deg to NEAs Russian tx#2, instead of new 9550 kHz!

KNLS in Chinese via Anchor Point tx#1 on wrong frequencies at 1400&1500UT, December 20:

1300-1400 on 7395*NLS 100 kW / 300 deg to NEAs Chinese tx#1, as scheduled Winter B-21
 1400-1500 on 7395*NLS 100 kW / 300 deg to NEAs Chinese tx#1, instead of 9535 kHz B-21
 1500-1600 on 7395*NLS 100 kW / 300 deg to NEAs Chinese tx#1, instead of 9570 kHz B-21
 *same time on 7390 RAN 050 kW / 035 deg to Pacific English R.New Zealand Pacific QRM!!

Reception of KNLS in English/Chinese/Russian on 6075/7370/9540 kHz via Anchor Point, December 21:

0800-0900 on 6075 NLS 100 kW / 270 deg to SEAs English tx#2. Very good via SDR Half Moon Bay, CA in USA.
 B-21 schedule 0800UT on 6075; 1000UT on 9680; 1200UT on 9580 & 9625; 1400UT on 9580; 0300UT on 13760 kHz.
 0800-1000 on 7370 NLS 100 kW / 285 deg to EaAs Chinese tx#1. Very good via SDR Half Moon Bay, CA in USA.
 0900-1000 on 9540 NLS 100 kW / 300 deg to NEAs Russian tx#2. Very good via SDR Half Moon Bay, CA in USA.
 At 0913UT B-21 freq/time ann.: 0900UT on 9540; 1100UT on 9570 and 1500UT on 9465 kHz, instead of new 9550.
 (DX MIX 1225)

Frequency changes of WCB KNLS The New Life Station in Chinese:

1300-1400 NF 9760 NLS 100 kW / 300 deg to NEAs Chinese tx#2, ex 9535
 1500-1600 NF 9730 NLS 100 kW / 300 deg to NEAs Chinese tx#1, ex 9570
 (DX MIX 1226)

ARMENIA (non) - Afghanistan International on 7600 kHz via CJSC Yerevan, December 27 from 1430 on 7600 ERV
 100 kW / 100 deg to WAs Pashto. Good via SDR Tambov, RUS.
 (DX MIX 1226)

AUSTRALIA - 5055 kHz Radio 4KZ, on Jan 3, from 0915 UT till cut off at 0957:05* UT; above average reception, as I was easily able to ID most of the pop songs; Bee Gees "Words," Van Morrison - "Brown Eyed Girl," Beatles - "All You Need Is Love," Bertie Higgins - "Casablanca" [brief audio attached], Go West - "King Of Wishful Thinking," Tears For Fears - "Everybody Wants To Rule The World," etc.; some commercial announcements. Tomorrow should cut off at 0957:00* UT. (Ron Howard-CA-USA, via wwdxc BC-DX TopNews Jan 4)

BOTSWANA - 15579.993 kHz US AGM relay site Moepeng Hill Botswana VoA in English 18-20 UT, noted fluttery S=7 signal at 19.15 UT on Jan 3.

15730.005 kHz VoA in French at 18.30-19.30 UT, also S=7 signal in Greece / Europe at 19.20 UT.
 [selected SDR options, span 12.5 kHz RBW 15.3 Hertz] (wb df5sx, hcdx via wwdxc BC-DX TopNews Jan 3)

BRAZIL - Radio Casa AM, 5900 kHz, 2021-Dec-30, 1952 UT: The first station of a South America bandscan was unknown to me, it turned out to be this pirate station with Brazilian and anglo popmusic, quite pleasant to listen to. IDs after each song. They have a // frequency of 7455 kHz, and a second channel with different music on 8000 kHz, which IDs as "Radio Casa 8000". 5900 kHz: 35443 7455 kHz: 55444 8000 kHz: 45343 on KiwiSDR Sao Bernardo do Campo, Brazil. Further away, not so much: An hour later there was just a carrier on 7455 kHz on the receiver in Montevideo.

Radio Voz Missionaria, 5938.95 kHz, 2021-Dec-30, 2006 UT: English-language song "Beautiful City of God", 55444 on KiwiSDR Sao Bernardo do Campo, Brazil. // 9666.44 kHz 55555

Radio Inconfidencia, 6010 kHz, 2021-Dec-30, 2009 UT: music, then a quick lucky ID "Inconfidencia da Radio", 45333 on KiwiSDR Sao Bernardo do Campo, Brazil. // 15190.1 kHz 25311

Radio Marumby, 6080 kHz, 2021-Dec-30, 2018 UT: Christian programming in Portuguese, "espírito do Deus", song "O Senhor", 55555 on KiwiSDR Sao Bernardo do Campo, Brazil. This signal creates (locally) strong spurs wobbling around on 6035.5 and 6124.5 kHz, with a scratchy sound but good enough to identify as // . NOT heard on 9515 kHz which had AWR in French from Madagascar at this time, and nothing else (le royaume de Dieu), 45333.

Radio Saturno, 6150 kHz, 2021-Dec-30, 2025 UT: This newly reported station produced, if anything, nothing but a strong empty carrier. At first it sounded just like Radio Cairo. But the weak modulation heard under the slight hum turned out to be in Arabic, so that would be BBC from A'Seela Oman.

Radio Boa Vontade, 6160.1 kHz, 2021-Dec-30, 2029 UT: Christian programming in Brazilian Portuguese, 33333 on KiwiSDR Sao Bernardo do Campo, Brazil. // 9550.07 kHz 55444; 11895.10 kHz 55440 (no modulation).
 (Eike Bierwirth-D, hcdx Dec 29/30)

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Thanks for share the location data, see also two masts of 19mb 15190v kHz outlet.

9666.472 kHz very odd fq of Radio Voz Missionaria, 21.40 UT, S=6-7 in BrasPort language.

9819.130 kHz Radio 9 de Julho at 21.43 UT, S=6 strength, and 800 Hertz heterodyne whistle tone against co-ch even 9820 kHz broadcast from China mainland.

BRA_Radio Inconfidencia 15190 kHz 19 53 59.39 S 44 03 08.62 W all the best for a properous year 2022, and a lot sunspot reflection up to the maximum in 2025 / 2026 year.

ZYL-275 MW Belo Horizonte 880 kHz, 100 kW

[selected SDR options, span 12.5 kHz RBW 15.3 Hertz] (wb df5sx, wwdxc BC-DX TopNews Dec 28 / 31)

CHINA - "China Radio Plus", the global English service of China Radio International, renamed "CGTN Radio" on December 14, 2021. Also the slogan of the service "Connecting with China and the World" was replaced with "Hear the difference", which corresponds to CGTN's slogan "See the difference".

Along with this, the percentage of "CGTN Radio" in the contents of 24H CRI English AM service in Beijing (846 kHz, 10 kW) has been increased. The original article is at <<https://cahcn.github.io/posts/2021-12-17-CGTN-Radio.html>>

By the way, CGTN is the abbreviation of "China Global TV Network", which was set up in December 31, 2016, for Chinese global TV propaganda. (Takahito Akabayashi, Tokyo, Japan; wor via wwdxc BC-DX TopNews Dec 27)

3989.992 GPBS, PBS Gannan, Tibetan ? language, 15 kW unit from Hezuo location site, S=7 at 12.11 UT on Dec 23. [selected SDR options, span 12.5 kHz RBW 15.3 Hertz] (wb df5sx, hcdx via wwdxc BC-DX TopNews Dec 23)

Reception in Europe best (only) in Winter time. (we)

Yunnan Radio International on 6035 kHz. ... Thanks so very much to Ralph Perry, for pointing out something interesting was going on with 6035 kHz ! Dec 4, heard 1222-1300 UT: Tuned into announcers and songs in Chinese.

1300 UT: Multi-language IDs ("Yunnan Radio International").

1300-1330: Announcers and songs in Vietnamese.

1330-1400: IDs and into *non-stop IS* of long playing musical loop

(not Chinese melodies, but the likes of melody "Bridge Over Troubled Water," etc.).

1400: open carrier/dead air still heard till tuned out 1405 UT.

(Ron Howard-CA-USA, wwdxc BC-DX TopNews Dec 4)

The Slogan "Voice of Shangri-la" is no more used. (we)

Re: Yunnan Radio International on 6035 kHz. - NASWA Flashsheet Dec 5

6035 kHz PBS Yunnan via Kunming-CHN, Nov 29, fair signal and clear at 1320 UT with OM and YL chatting in Mandarin. Faded out by 1340 UT recheck.

6035 kHz PBS Yunnan via Kunming-CHN, good signal this morning but 6030 kHz splatter at 1235 UT playing segued selections of mellow instl mx featuring plucked guitar and bass. No anmts so far. Lush orchl version of "Memories" from the musical Cats at 1241 UT and most of the 6030 kHz splash / splatter seems to have now ceased. Upbeat melody 1244 UT almost cowboyish tune.

Quacking splatter back by 1249 UT. More mellow inst mx (orch version of Gordon Lightfoot's "If You Could Read My Mind") continues and by 1250 UT its twenty minutes of nonstop mx ...and then orchl version of "If" by Bread at 1254 UT. Repeating "Memories" at 1256 UT !

"Bridge Over Troubled Water" [this is the Yunnan - non-stop IS of long, playing musical loop [not Chinese melodies, but the likes of melody, "Bridge Over Troubled Water," etc. - Ron].

At 1259 UT and then right at at 1300 UT YL with mushy anmt in Chinese, probable ID but couldn't read, and then into extended tlks in Mandarin.

(Ralph Perry, Wheaton-IL-USA, Naswa Electronic Flashsheet #1024 Dec 5)

CUBA - ... on Sunday Dec 5th: RHC Bejucal is back in 41 meterband in winter season on northern hemisphere.

7340.003 RHC Spanish via 50 kW Bejucal towards Antilles/Suriname/Guyana outlet (ex 9650, 9700, 9710 kHz). Probably 12-16 UT time segment. S=8-9 in NY NJ states, at 12.20 UT Dec 5th, 'presencia cultural' program.

5999.999 kHz RHC Spanish via Quivican San Felipe TITAN 250 kW beast, non-directional antenna / azimuth: Small audio modulation string-block, BUZZy signal 3 x 120 Hertz distance fence strings visible. S9+30dB powerful into Rochester NY remotely heard Fq harmonic signal of fair S=8 also on 11999.998 kHz in 25 mb.

// 6100even RHC Bauta Spanish outlet towards Chicago northerly azimuth, only poor S=7-8 signal low modulated, at 12.14 UT. Nothing on 12200 hx.

9535.005 RHC Bejucal in Spanish, 100 kW unit to CAm azimuth MEX/GTM/CTR/Panama. S=8 sidelobe in NY US state remote SDR. 12.22 UT

11760 kHz non-dir as usual via Bauta site, today S=9+40dB at 12.27 UT.

13740even S=8-9 at 12.33 UT Bejucal to Buenos Aires SAm 160degr azimuth.
{next door 13750 12.00 - 12.57 UT ROU RRI Tiganesti En 'free gipsy jazz mx', and 15460 kHz Galbeni 12.38UT; 17800 kHz Galbeni 12.36 UT, all S=7}

15140even RHC Bauta Sp to Rio de Janeiro, SoAM, bad muffled distorted audio, at 12.39 UT. S=8-9 sidelobe into NY US state remotely.

15230 kHz empty channel in 12-13 UT time slot RHC Spanish to San Francisco CA target, checked at 12.40 UT on Dec 5th.

9570even CRI Beijing in Cantonese 12-13 UT via LatAM relay site QUIVICAN San Felipe TITAN, 250 kW, S=9+25dB power in NY and NJ remotely. Chinese ladies singer group, shrill performance though at 12.25 UT.

[selected SDR options, span 12.5 kHz RBW 15.3 Hertz] (wb df5sx, wwdxc BC-DX TopNews Dec 5)

Radio Habana Cuba RHC in Spanish on 6000 kHz via Titan-Quivican on December 27:
1200-1500 on 6000 QVC 250 kW / non-dir to NCAm. Very good via SDR Milford, PA in USA. But today AGAIN with wrong Summer A-21 RHC frequency and time announcement, as follows:
1100-1300UT in 49mb on 6100 kHz, but 6000 kHz missing; 1100-1400UT in 22mb on 13740 kHz
1100-1500UT in 25mb on 11760 kHz and 15140 kHz, but 2nd is in 19mb; in 31mb on 9535 and 9650, not 9710 kHz;
1200-1500UT in 19mb on 15230 kHz. ...
(DX MIX 1226)

Reception of Radio Habana Cuba RHC in French on 15140 kHz via Bauta, December 27:
2100-2130 on 15140 BAU 100 kW / 340 deg to WNAm French. Good via SDR Frostburg MD, USA.

Unscheduled programm of Radio Habana Cuba RHC in Portuguese on 15140 kHz via Bauta, December 27:
2130-2145 on 15140 BAU 100 kW / 340 deg to WNAm Portuguese and off air. Good via SDR Frostburg MD, USA.

Reception of Radio Habana Cuba in English on 6100 kHz and 9700 kHz via Bauta, December 28:
from 0558 on 6100 BAU 100 kW / 310 deg to WNAm English. Very good via SDR Half Moon Bay CA, USA
from 0658 on 9700 BAU 100 kW / 340 deg to WNAm English. Fair/good via SDR Half Moon Bay CA, USA
(DX MIX 1226)

DENMARK - Radio OZ Viola now 6055 kHz weekends; still 5980 kHz on Wednesday.

Radio OZ-Viola on F_B today: "For the rest of the B21 (until March 2022) our broadcast will take place at 6055 kHz from 13.00 CET [12.00 UTC]. This only applies to our weekend broadcast.

Our Midnight Jazz is still on 5980 kHz from 2300 CET [2200UT Wednesdays]. So remember 6055 kHz in the weekends."

"Remember we start up exactly 13.00 CET/12.00 UT when the powerful German religious transmission ends on weekends. The Midnight Jazz begins just after 23.00 CET/22.00 UT when the Turkish transmitter ends on Wednesdays." (Jan Sorensen on Radio OZ Viola F_B page; BrDXC-UK groups.io Dec 17)

GEORGIA [ABKHAZIA] / RUSSIA - Reception of Avtoradio in Russian on very odd frequency 9534.8v kHz via Sukhumi on December 21:

1100-1200 on 9534.8vSUK 005 kW / non-dir to CAs Russian. Fair with narrow AM & LSB via SDR Tambov, RUS.

from 1200 on 9534.8vSUK 005 kW / non-dir to CAs probably Abkhaz/Apsua Radio in Abkhazian, but very poor
 Strong QRM on 9540.0 BEI 500 kW / 142 deg to AUS Cantonese China Radio Inter B-21 scheduled 1100-1200UTC
 Strong QRM on 9540.0 KUN 500 kW / 283 deg to CAs Chinese China Radio Inter B-21 scheduled 1200-1400UTC
 Strong QRM on 9530.0 ZAH 500 kW / 289 deg to EAf Arabic VIRI IRIB PARS TODAY B-21 scheduled 1030-1430UTC

Avtoradio in Russian on very odd frequency 9534.8v kHz via Sukhumi, December 21:
 from 1430 on 9534.8vSUK 005 kW / non-dir to CAs Russian. Good via SDR Albertirsa HNG, BUT
 from 1500 on 9535.0 XIA 500 kW / 252 deg to CAs Nepalese China Radio Inter. STRONG CO-CH!

Apsua Radio in Abkhazian on very odd frequency 9534.8v kHz via Sukhumi December 22:
 from 0534 on 9534.8vSUK 005 kW / non-dir to CAs Abkhazian. Good signal via SDR Tambov, RUS.
 from 0734 on 9534.8vSUK 005 kW / non-dir to CAs Abkhazian. Fair via SDR Tambov, RUS + co-ch
 same time on 9535.0 ASC 250 kW / 055 deg to WAF Kanuri Radio Ndarason International ENC-DMS
 0800-0802 on 9534.8vSUK 005 kW / non-dir to CAs Music/Russian, open carrier and off the air
 (DX MIX 1225)

GERMANY - HCJB Voice of The Andes in Russian/Chechen on 9500 kHz via MBR Nauen, January 1:
 1529-1629 on 9500 NAU 100 kW / 100 deg to CAs Russian/Chechen Sat. Strong via SDR Tambov, RUS
 (DX MIX 1226)

GERMANY / UZBEKISTAN - Very good signal of NDR Info Spezial childrens programming on 6080 kHz via MBR
 Tashkent instead of NDR Christmas Gruss an Bord, December 24 from 1800 on 6080*TAC 100 kW / 301 deg to WEu
 German via SDR Heimiswil, SUI *till 1805 on 6080 GEM 100 kW / 236 deg to EAs Chinese CNR-1 Voice of China!

PAB "Preparing for Jesus" on 5945 kHz via MBR Tashkent on December 25:
 till 1300 on 5945*TAC 100 kW / 066 deg to JPN 15 seconds - Afghanistan International
 1300-1400 on 5945*TAC 100 kW / 066 deg to JPN Japanese Sat. Good via SDR Tambov, RUS
 * co-channel 5945 BEI 100 kW / 222 deg to EAs Chinese CNR-1 "Voice of China" - weak.
 (DX MIX 1225)

GUAM - Reception of KTWR Trans World Radio Asia in English on 11590.0 kHz via Agana, December 26
 1245-1300 on 11590.0 TWR 200 kW / 285 deg to SAs English Sun-Wed. Very good via SDR Tambov, RUS
 from 1249 on 11589.9vTAC 100 kW / 066 deg to EAs open carrier / dead air BVB via RRTM Tashkent!

Trans World Radio India in Kazakh on 9900 kHz via KTWR Agana on December 20
 1428-1429 on 9900 TWR 200 kW / 305 deg to CAs Trans World Radio India Interval Signal
 1429-1444 on 9900 TWR 200 kW / 305 deg to CAs Kazakh. Very god via SDR Tambov, Russia

Reception of BRB Living Water Ministry on 7515 kHz via KTWR Agana, December 25
 1545-1615 on 7515 TWR 200 kW / 320 deg to NEAs Korean Sat. Very good via SDR Tambov, RUS
 (DX MIX 1225)

INDIA - ALL INDIA RADIO MEDIUM WAVE TRANSMITTERS TO BE SHUT DOWN AFTER DECEMBER 31.
 The All India Radio's (AIR) transmitter, the national radio broadcaster of India will completely be shut down after December
 31. The centre has provided services to a large geographical area but now the listeners will be deprived from the services
 as the programmes will now be run under a FM channel and in the mobile application.

The AM service in the medium wave is providing services in around 200 kilometer area and the FM services reaches
 around 40-50 kilometer area which means the FM service will not reach entire listeners. On the other hand, not all people
 in the rural areas have smart phones to listen to FM or in the mobile application. This means, the thousands of listeners
 of medium wave which is providing services since 73 years will now be limited.

According to reports, the rate of the transmitter to provide AM services has been increased and therefore it has been
 decided that 6 transmitters will be closed down.

All India Radio is the largest radio network in the world, and one of the largest broadcasting organisations in the world
 in terms of the number of languages broadcast and the spectrum of socio-economic and cultural diversity it serves. AIR's
 home service comprises 420 stations located across the country, reaching nearly 92% of the country's area and 99.19
 % of the total population. AIR originates programming in 23 languages and 179 dialects.

People from the rural areas eagerly wait for the 'Mann ki Baat' programme of Prime Minister Narendra Modi which is

aired on All India Radio and with the handing over of the radio station into an FM channel, the rural people will be disconnected as the FM channels doesn't get network in those areas. That is, the rural people will not be able to listen to 'Mann Ki Baat' anymore. The question is hasn't the government want these people to listen to Mann ki Baat aired in All India Radio or has they thought of any other programmes.

(Digital Desk Dec 20; via Dr. Hansjoerg Biener-D, WOR Dec 22)

Unscheduled broadcast of All India Radio AIR in Urdu on 17710 kHz, December 27:

0930-0932 on 17710.0 BGL 500 kW / 300 deg to WAs Urdu. Very good via SDR Tambov, RUS.

Unscheduled All India Radio in Punjabi on 11560 kHz via Bengaluru, December 29

1317-1330 on 11560 BGL 500 kW / 300 deg to WAs Punjabi - unscheduled on shortwave and

1330-1430 on 11560 BGL 500 kW / 300 deg to WAs Dari. Very good via SDR Tambov, Russia

Unscheduled All India Radio in Punjabi on 15030 kHz via Bengaluru, January 1:

1211-1215 on 15030 BGL 500 kW / 240 deg to EAf Punjabi, unscheduled on shortwave and

1215-1315 on 15030 BGL 500 kW / 240 deg to EAf Swahili+English ann. Good via Tambov.

Unscheduled All India Radio in Punjabi on 11560 kHz via Bengaluru, January 1:

1319-1330 on 11560 BGL 500 kW / 300 deg to WAs Punjabi, unscheduled on shortwave and

1330-1430 on 11560 BGL 500 kW / 300 deg to WAs Dari. Very good via SDR Tambov Russia

Cancelled transmissions and frequencies of All India Radio Ext.Sce from January 3:

0100-0230 on 9874.8 DEL 100 kW / 102 deg to CAs Tibetan, additional transmission
 0145-0315 on 11559.8 DEL 100 kW / 102 deg to CAs Nepali, ex 0400-0500 on same
 0300-0430 on 9949.8 DEL 100 kW / 282 deg to SAs Baluchi, ex 0300-0400 on same
 0315-0415 on 11559.8 DEL 100 kW / 102 deg to SEAs Burmese, ex 0245-0345 on same
 0430-0600 on 9949.8 DEL 100 kW / 282 deg to WAs Dari, ex 0745-0845 on 11559.8
 0430-0600 on 11559.8 DEL 100 kW / 282 deg to WAs Pashto, ex 0845-0930 on same
 0900-1030 on 9949.8 DEL 100 kW / 102 deg to CAs Nepali, ex 0900-1000 on same
 1030-1200 on 13795.0 BGL 500 kW / 060 deg to EAs Chinese, additional transmission
 1045-1215 NF 11589.8 DEL 100 kW / 102 deg to CAs Tibetan, ex 1045-1200 on 11924.8
 1230-1330 on 9949.8 DEL 100 kW / 282 deg to SAs Baluchi, additional transmission
 1230-1400 on 11559.8*DEL 100 kW / 282 deg to WAs Pashto, ex 1430-1545 on 11560.0 BGL
 1330-1500 on 9949.8 DEL 100 kW / 282 deg to WAs Dari, ex 1330-1430 on same
 1330-1500 NF 15030.0 BGL 500 kW / 300 deg to WAs Dari, ex 1330-1430 on 11560.0 BGL
 *NOT ON EVEN 11560.0 BGL 500 kW / 300 deg to WAs Pashto in AIR official schedule

Cancelled transmissions and frequencies of All India Radio Ext.Sce from January 3:

0245-0330 on 13710.0 BGL 500 kW / 090 deg to SEAs Thai, B-21 inactive
 0615-0645 on 11559.8 DEL 100 kW / 174 deg to SAs Sinhala, B-21 inactive
 0845-0930 on 17710.0 BGL 500 kW / 300 deg to WAs Pashto
 0945-1045 on 17710.0 BGL 500 kW / 300 deg to EEU Russian DRM, B-21 inactive
 1300-1500 on 15184.8 DEL 100 kW / 174 deg to SAs Sinhala, B-21 inactive
 (DX MIX 1226)

The latest monitoring observations show that the following stations of All India Radio that were heard very well till yesterday are absent today January 1, 2022. This tallies with the various media reports that some old transmitters of AIR stations were being shut down from yesterday.

- Jeypore (50 kW) 5040 kHz
- New Delhi (250 kW) 6030, 6100 kHz
- Srinagar (50 kW) 4950, 6110 kHz

Also the Mumbai (50 kW) Vividh Bharti transmitter on 1188 kHz is noted off air recently.

(Jose Jacob, VU2JOS)

DX India Exclusive: The latest info is that the services of the following AIR SW transmitters are also discontinued. These transmitters are already off air for long time now ... Aizawal 5050 7295 kHz, Gangtok 4835 6085 kHz. However transmissions from these stations will continue on MW & SW {sic: must mean MW and FM} So now only New Delhi, Bengaluru & Leh stations of AIR is available on SW ...

(Jose Jacob-IND <vu2jos-at-niar.org> DXindia Jan 2)

All India Radio on SW in frequency order (<<https://qsl.net/vu2jos/sw/freq.htm>>)

B21 season by Indian ham operator VU2JOS, of 3 Jan 2022:

kHz	kW	Station	State	Local	Language/Zone	UTC (Target Area)
4760	2.5	Leh	Ladakh	Ladaki	N	s0210/w0155-0430 1130-w1630/s1700
4835	10	Gangtok	Sikkim	Sikkimese	NE	0100-0500 1030-1700(OffAir)
6000	2.5	Leh	Ladakh	Ladaki	N	0630-0930
6085	10	Gangtok	Sikkim	Sikkimese	NE	0630-0930 (Off Air)
9620	500	Bengaluru	Karnataka	S	1615-1730	Farsi (Iran), 1730-1930 Arabic (Middle East)
[9620.002 kHz Jan 3 at 17.45 UT, S=9+15dB, totally DISTORTED audio feeder quality, overmodulated signal. What happened between Delhi and Bangalore bcst center? wb.]						
9620	500	Bengaluru	Karnataka	S	1930-2030	French (Africa/Europe) DRM
9875	500	Bengaluru	Karnataka	S	0100-0230	Tibetan (Tibet)
9950	100	New Delhi	Delhi	N	0300-0430	Baluchi (Pakistan), 0430-0600 Dari (Afghanistan), 0900-1030 Nepali (Nepal), 1330-1500 Dari (Afghanistan)
11560	100	New Delhi	Delhi	N	0145-0315	Nepali (Nepal), 0315-0415 Burmese (Myanmar), 0430-0600 Pashtu (Afghanistan)
11590	100	New Delhi	Delhi	N	1045-1215	Tibetan (Tibet) (ex 11925)
13710	500	Bengaluru	Karnataka	S	0130-0230	Indonesian (Indonesia)
13795	500	Bengaluru	Karnataka	S	2345-0115	Chinese, 1030-1200 Chinese (China)
15030	500	Bengaluru	Karnataka	S	0500-0600	Arabic (Middle East), 0800-0830 Farsi (Iran), 1215-1315 Swahili (Africa), 1330-1500 Dari (Afghanistan)

s=Summer w=Winter N=Zone North S=Zone South

[CHINA/INDIA] Yes 13795 kHz AIR seemingly in Chinese like schedule, from Bangalore in service on Jan 3rd, 23.45 UT, and 01.15 UT on Jan 4th. S=8 signal in Tokyo Japan, S=6-7 in Delhi India, but totally covered near Hiroshima-JPN and northern Japan SDRs as CNR1 jamming of mainland China, rather 16 kHz wide broadband powerful jammer from RTC site.

15030 500 Bengaluru Karnataka S 0500-0600 Arabic (Middle East), 0800-0830 Farsi (Iran), #1215-1315 Swahili (Africa), Jan 2nd see 11560 kHz instead: 1330-1500 Dari (Afghanistan)

15030.006 AIR Bangalore in Persian, S=9+20dB in Delhi Perseus unit, 08.07 UT on Tuesday Jan 4th; muffled, distorted audio quality, much BAD feed line Delhi broadcasting house to Bangalore TX center.

"shame on the AIR technician crew" Glenn's slogan: 'Something's always wrong at AIR technicians'

There is a huge difference between AIR India technical quality and its excellent work of northern neighbour RTC China mainland, like Lhasa Baiding RTC #602 site products, or Kashgar / Urumqui as an example to mention.

15030.004 AIR Bangalore scheduled in Swahili, S=8 in southern Europe Perseus unit, 12.12 UT in UNID language just before start time, on Tuesday Jan 4th; muffled, distorted audio quality, much BAD feed line Delhi broadcasting house to Bangalore TX center.

Latest updates are given in Red. S=Summer W=winter

Reception Reports to: <spectrum-manager -at- prasarbharati.gov.in>

References:

1. <<http://prasarbharati.gov.in>>
2. <<http://hfcc.org>>
3. <<https://www.drm.org>>
4. World Radio TV Handbook 2022
5. Print Media/Social Media (Facebook, WhatsApp etc.)
6. Annual Report of Ministry of Information & Broadcasting 2020-21
(Prepared by Jose Jacob-IND VU2JOS, India E-mail: <vu2jos-at-niar.org> DX India, Jan 2, 2022; transformed by wb wwdxc, instead of unnecessarily undesirable colour table design on website) (comments by wb df5sx)
[selected SDR options, span 12.5 kHz RBW 15.3 Hertz] (wb df5sx, wwdxc BC-DX TopNews Jan 2 / 3 / 4)

IRAN - On December 23, Iranian foreign broadcaster Pars Today cancelled both HF shortwave broadcasts in Russian language:

0323-0420 UT 9550 SIR 500 kW 18 deg to CEu Russian

1653-1750 UT 7290 SIR 500 kW 320 deg to EEu Russian

(Alex Miatlikov-UKR, "deneb-radio-dx" & "open-dx" via Anatoly Klepov-RUS, RUSDX#1166 via wwdxc BC-DX TopNews Jan 2)

IRIB PARS TODAY (Iran) via Sirjan site: only 3 TX available since 13 June 2021 !

Starting from 22 Dec 2021, the following IRIB shortwave transmissions were cancelled:

GERMAN 1723-1820 UT on 5940 kHz

ITALIAN 1753-1820 UT on 5930 kHz

RUSSIAN 0323-0420 UT on 9550 kHz [since 23 Dec 2021] & 1653-1750 UT on 7290 kHz.

As a countermove, the following broadcast RETURNED on SW: BOSNIAN 1723-1820 UT on 6110 kHz (!)

also see: IRIB B-21 schedule: <<http://ab27.bplaced.net/irb.pdf>>

(Alexander Busneag-D, wor and direct Dec 23)

KOREA REP. - KBSWR Seoul in German language. KBSWR teilt mit, wegen Kuerzungen der staatlichen Foerderungen sind Aenderungen am Sendeplan unvermeidlich. So wird die "Hoererecke" ab 3. Jan. 2022 auf Freitag verlegt und nur mehr dreimal im Monat ausgestrahlt.

Am letzten Freitag wird keine Hoererecke ausgestrahlt sondern ein Musikprogramm. Die K-Pop-Musiksendung wird ab 3. Jan. 2022 samstags ausgestrahlt und am Sonntag wird Musik aus den 1990er Jahren gesendet. Einige Sendungen fallen leider dem Rotstift zum Opfer. Zusammengefasst bedeutet das fuer das deutschsprachige KBSWR Programm ab Januar 2022: Mehr Musik und Wiederholungen.

<http://world.kbs.co.kr/service/about_notice_view.htm?lang=g&no=39664>

Die deutsche Redaktion von KBS WORLD Radio wird sich darum bemuehen, die Qualitaet der bestehenden Sendungen weiterhin auf dem hoechsten Niveau zu halten und die Sendungen moeglichst noch vielfaeltiger zu gestalten. ... (Paul Gager-AUT, via wwdxc BC-DX TopNews Dec 21)

MADAGASCAR (non) - Reception of new clandestine Radio ERISAT on 11690 kHz via Talata Volonondry, January 2:

1800-1900 on 11690 MDC 250 kW / 340 deg to EaAf Tigrinya Wed / Fr-Mo.

Very good signal via SDR Tambov, RUS

(DX MIX 1226)

MYANMAR / CHINA - 7345 kHz Thazin R, via Naypyidaw

{sic, only Myanmar Radio via Nay Pyi Daw site, Myanmar on 49mb 5915v kHz; 7345 kHz Thazin Radio at Pysin U Lwin location instead only. Ralph should have a look at the shortwave antennas in Pysin U Lwin * . wb.}

Dec 17; noted fair signal with vocal mx underneath CMG/CNR-7 The Greater Bay at 1308 while latter in YL Cantonese tlks. Thazin also with YL ancr but playing mx pgm so fairly easy to keep separate while China in talks. Thazin continuing with some mellow piano mx at 1309 UT and YL balladeer. But from 1312 UT CNR into music and mainly covers Thazin R, which at 1314 UT I can now hear with YL ancr in Shan. This is kinda tricky today but fun

... At 1317 UT CNR starts new pgm segment with OM and YL speaking over soft piano mx. Now can hear Thazin R again quite well underneath with YL ancr and then more of same mx as before.

(Ralph Perry, Wheaton-IL-USA, Naswa Electronic Flashsheet #1027 Dec 19)

7345 kHz * Thazin Radio requested only some 210 km distance apart northwards location on Pysin U Lwin. wb.

NEW ZEALAND - Confirmed on Dec 6th at 1225-1258 UT on 11725 kHz when was heard a prgr of ABC Radio Australia in English, one of the ID was "Radio Australia Pacific". Are there also another transmissions of ABC via RNZ Pacific Service? At 1258 UT a lady voice said that they "change frequency to 7390 kHz in the 49 (!) meter band. (Rumen Pankov-BUL, via wwdxc BC-DX Topnews Dec 6)

NIGERIA - 7254.94 Voice of Nigeria, Abuja Lugbe, in listed Hausa. 19 Dec at 0605-0645 long talk by man until 0613:51" UT (no much clear), brief local chant break, man / woman talk in turns for some minutes, then long talk by same man, w/ other man brief talk at 0620 UT, from 0621 UT man brief announcement into other men talk until 0630 UT, brief local

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vocal chant break, man announcement, man talk w/ brief typical local music sound break twice, then talk only till 0635 UT, typical local chant w/instrumental music, man talk till 0640 UT, tribal singsong chant w/ local drums and instruments sound, talk by man; (during all talks, blank audio intentionally, sometimes for few, and sometimes for many seconds); better in ssb sync (sometimes with Nir 12), non stop rapid qsb (swinging rapidly from S9 to S6 and vice versa), strong qrn rustle w/ lite and moderate crackles at times, poor / almost fair at times.
(Gianni Serra, Roma-ITA, loggings via wor Dec 19)

NORTHERN MARIANAS (non) - Very good signal of Hope Radio on 9965 kHz via T8WH Angel 5 Medorn (Palau) on December 26 from 0930 on 9965 HBN 100 kW / 345 deg to NEAs English Sun via SDR Kanuma Tichigi, Japan.
(DX MIX 1225)

Very good signal of Hope Radio on 9965 kHz via T8WH Angel 5 Medorn (Palau) on January 6 till 0850 on 9965 HBN 100 kW / 345 deg to NEAs English Thu via SDR Kanuma Tichigi, JPN

T8WH Angel 4

0840-0935 on 15680 HBN 100 kW / 270 deg to SEAs English Sa
0110-0220 on 15680 HBN 100 kW / 270 deg to SEAs English Su
0810-0920 on 15680 HBN 100 kW / 270 deg to SEAs English Su

T8WH Angel 5

0805-0835 on 9965 HBN 100 kW / 345 deg to NEAs English Mo/Tue
0805-0850 on 9965 HBN 100 kW / 345 deg to NEAs English Wed-Fr
0840-0935 on 9965 HBN 100 kW / 345 deg to NEAs English Sa
0810-1220 on 9965 HBN 100 kW / 345 deg to NEAs English Su

T8WH Angel 3 - test transmissions - very rarely

0900-1200 on 9930 HBN 100 kW / 318 deg to EAs English, irreg.
(DX MIX, Jan 6)

Vatican Radio on 7420 kHz USAGM Tinian and 9810 kHz USAGM Tinang/PHL on January 2:

1230-1250 on 7420 TIN 250 kW / 329 deg to FERu Russian. Very good signal via SDR Tambov, RUS
1230-1250 on 9810 PHT 250 kW / 332 deg to FERu Russian. Very good signal via SDR Tambov, RUS
(DX MIX 1226)

PHILIPPINES - FEBC Radio Teos on 9920 kHz via Bocaue, January 2:

1500-1300 on 9920 BOC 100 kW / 323 deg to CAs Russian Sun
1530-1545 on 9920 BOC 100 kW / 323 deg to CAs Ukrainian Sun
1545-1600 on 9920 BOC 100 kW / 323 deg to CAs Russian Sun

Again wrong time and frequency announcement 1900-2000MST on 11650, instead 1800-1900MST on 9920 kHz. Fair signal via SDR Tambov, RUS.

(DX MIX 1226)

PHILIPPINES (VATICAN) - Reception of Vatican Radio on 7485 and 9720 kHz via USAGM Tinang on December 25:

1230-1315 on 7485 PHT 250 kW / 332 deg to EAs Chinese Mass Sa. Very good via SDR Tambov, Russia
1230-1315 on 9720 PHT 250 kW / 315 deg to EAs Chinese Mass Sa. Very good via SDR Tambov, Russia

Reception of Vatican Radio in Russian on 9810 kHz USAGM Tinang, December 26:

till 1230 on 9810 PHT 250 kW / 332 deg to FERu test tone 1000Hz & 15 seconds RFA Music theme,
1230-1250 on 9810 PHT 250 kW / 332 deg to FERu Russian. Very good signal via SDR Tambov, RUS.
(DX MIX 1225)

SPAIN - 9690 kHz on Mon Dec 13 at 2311 UT, REE's token English after the news, presents the full speech of Nobel Peace Prize winner from the Philippines, Maria Ressa, an excellent advocate for Freedom of the Press. Unfortunately, REE is going into deeper and deeper fades into the local high Xmas noise level and I give up about halfway through. Quick check of the other three frequencies finds zero signals on 11670, 11940, 12030 kHz, not propagating and / or not on the air. Her speech should be available somewhere, eventually in REE archive.
(gh, Naswa Electronic Flashsheet #1027 Dec 19)

TAIWAN (non) - Vietnam Democracy Radio on 9670 kHz & RFI on 9650 kHz both via Paochung, December 19:
Vietnam Democracy Radio/Radio DLSN

1230-1258 on 9670 PAO 100 kW / 250 deg to SEAs Vietnamese Daily DLSN. Very good via SDR Hanoi, VTN
Radio France International RFI

1300-1358 on 9650 PAO 100 kW / 250 deg to SEAs Vietnamese Sunday RFI. Very good via SDR Hanoi, VTN
(DX MIX 1225)

National Unity Radio / Radio Free Chosun on 6115 kHz via Tamsui, December 27:

1100-1258 on 6115 TSH 300 kW / 352 deg to NEAs Korean. Fair signal via SDR Tambov, Russia
(DX MIX 1226)

UNITED ARAB EMIRATES - Test transmission of new clandestine to Myanmar on 17730 kHz via ENC-DMS Al
Dhabbaya, December 9:

1200-1300 UT 17730 DHA 250 kW 90 deg azimuth to SEAs, in Burmese Wed / Thu Dec 8/9.

17729.981 UAE Much, much ODD fq 5th transmitter unit at ENC Al Dhabbaya center, MIZ broadcast - Burmese language
to MMR in SEAs, at 12.00-13.00 UT. S=9+35dB or -55dBm powerhouse signal at 90 degrees azimuth meant to
Myanmar in SEAs. 12.14 UT

17845.132 kHz UAE Radio ERGO in Somali Arabic at 12.18 UT, S=8-9 or -78dBm signal remotely noted in Delhi SAsia.
[selected SDR options, span 12.5 kHz RBW 15.3 Hertz] (wb df5sx, wwdxc BC-DX TopNews Dec 9)

New clandestine Mizzima Radio on 17730 kHz via ENC-DMS Dhabbaya, January 1:

1200-1300 on 17730 DHA 250 kW / 090 deg to SEAs Burmese. Good signal via SDR Tambov, RUS
(DX MIX 1226)

UNITED KINGDOM (non) - FEBA Radio on 9540 kHz & IBRA MEDIA/Radio Ibrahim on 5895 kHz via ENC-DMS
Tashkent, December 22:

1430-1500 on 9540 TAC 100 kW / 131 deg to SAs Hindi Wed-Sun FEBA Radio.

Very good via SDR Tambov in Russia

1500-1530 on 5895 TAC 100 kW / 131 deg to SAs Bengali Daily IBRA MEDIA.

Very good via SDR Tambov in Russia

(DX MIX 1225)

U.S.A. - US private radio stations, part 2/2:

WRMI-01 Okeechobee

1400-1500 on 7780 RMI 100 kW / 044 deg to WEu English Daily Brother Stair TOM

1500-1700 on 7780 RMI 100 kW / 044 deg to WEu English Daily Varies WRMI programs

1700-2000 on 7780 RMI 100 kW / 044 deg to WEu English Daily Brother Stair TOM

2000-2030 on 7780 RMI 100 kW / 044 deg to WEu English Mon-Wed Radio Prague

2030-2100 on 7780 RMI 100 kW / 044 deg to WEu English Mon-Wed Radio Tirana

2100-2200 on 7780 RMI 100 kW / 044 deg to WEu English Daily Varies WRMI programs

2200-2230 on 7780 RMI 100 kW / 044 deg to WEu Spanish Daily Radio Taiwan Int

2230-2300 on 7780 RMI 100 kW / 044 deg to WEu English Daily Radio Tirana

2300-2330 on 7780 RMI 100 kW / 044 deg to WEu French Mo-Fr Radio Prague

2300-2330 on 7780 RMI 100 kW / 044 deg to WEu English Sa/Su Varies WRMI programs

2330-2400 on 7780 RMI 100 kW / 044 deg to WEu various Mo-Fri RAE Argentina

2330-2400 on 7780 RMI 100 kW / 044 deg to WEu English Sa/Su Varies WRMI programs

0000-0100 on 7780 RMI 100 kW / 044 deg to WEu Slo/Eng Daily Radio Slovakia Int

0100-0200 on 7780 RMI 100 kW / 044 deg to WEu English Fr VOReport of the Week

0100-0200 on 7780 RMI 100 kW / 044 deg to WEu English Sa-Thu Varies WRMI programs

0200-0300 on 7780 RMI 100 kW / 044 deg to WEu various Mo-Fr RAE Argentina

0200-0300 on 7780 RMI 100 kW / 044 deg to WEu English Sa/Su Varies WRMI programs

0300-0400 on 7780 RMI 100 kW / 044 deg to WEu English Daily Varies WRMI programs

WRMI-02 Okeechobee

0330-0400 on 5985 RMI 100 kW / 222 deg to CAm English Daily Varies WRMI programs

0400-0430 on 5985 RMI 100 kW / 222 deg to CAm Spanish Daily Radio Japan NHK World

0430-0500 on 5985 RMI 100 kW / 222 deg to CAm Spanish Mo Viva Miami

0430-0500 on 5985 RMI 100 kW / 222 deg to CAm English Tue-Su Music

0500-0600 on 5985 RMI 100 kW / 222 deg to CAm English Mo Yeshua Ministries

0500-0600 on 5985 RMI 100 kW / 222 deg to CAm English Su All Tribes Radio

WRMI-03 Okeechobee

0500-1100 on 9955 RMI 100 kW / 160 deg to LAm English Daily Brother Stair TOM
 1100-1300 on 9955 RMI 100 kW / 160 deg to LAm English Daily WRMI programs
 1300-1330 on 9955 RMI 100 kW / 160 deg to LAm English Mo-Sa Radio Prague
 1300-1330 on 9955 RMI 100 kW / 160 deg to LAm Spanish Su WRMI programs
 1330-1400 on 9955 RMI 100 kW / 160 deg to LAm Spanish Mo-Fr Radio Slovakia Int
 1330-1400 on 9955 RMI 100 kW / 160 deg to LAm Eng/Spa Sa/Su WRMI programs
 1400-1500 on 9955 RMI 100 kW / 160 deg to LAm English Daily WRMI programs
 1500-1530 on 9955 RMI 100 kW / 160 deg to LAm English Mo-Fr Freedom Synergy Radio
 1500-1530 on 9955 RMI 100 kW / 160 deg to LAm English Sa/Su Full Gospel Hour
 1530-1600 on 9955 RMI 100 kW / 160 deg to LAm English Daily WRMI programs
 1600-2200 on 9955 RMI 100 kW / 160 deg to LAm English Daily Brother Stair TOM
 2200-0300 on 9955 RMI 100 kW / 160 deg to LAm Eng/Spa Daily WRMI programs
 0300-0400 on 9955 RMI 100 kW / 160 deg to LAm Spanish Daily R.Slovakia Int/R.Prague
 0400-0500 on 9955 RMI 100 kW / 160 deg to LAm Eng/Fre Daily Radio Prague

WRMI-04 Okeechobee

2300-2400 on 4980 RMI 100 kW / 160 deg to LAm English Mo-Fr APS Radio
 0000-1100 on 4980 RMI 100 kW / 160 deg to LAm English Daily Brother Stair TOM

WRMI-05, Okeechobee

0000-0100 on 9455 RMI 100 kW / 285 deg to MEX English Daily Varies WRMI programs
 0100-0700 on 9455 RMI 100 kW / 285 deg to MEX English Daily Supreme Master TV
 0700-0800 on 9455 RMI 100 kW / 285 deg to MEX Spanish Daily Family Radio
 0800-0900 on 9455 RMI 100 kW / 285 deg to MEX English Daily Brother Stair TOM
 0900-1000 on 9455 RMI 100 kW / 285 deg to MEX Chinese Mon-Fri RAE Argentina
 0900-1000 on 9455 RMI 100 kW / 285 deg to MEX English Sa/Su Varies WRMI programs
 1000-1100 on 9455 RMI 100 kW / 285 deg to MEX English Daily Supreme Master TV
 1100-2400 on 9455 RMI 100 kW / 285 deg to MEX English Daily Brother Stair TOM

WRMI-06, Okeechobee

0000-0030 on 9395 RMI 100 kW / 355 deg to ENAm English Daily Varies WRMI programs
 0030-0100 on 9395 RMI 100 kW / 355 deg to ENAm English Daily Radio Prague
 0100-0200 on 9395 RMI 100 kW / 355 deg to ENAm English Daily Varies WRMI programs
 0200-0230 on 9395 RMI 100 kW / 355 deg to ENAm various Tue-Sa RAE Argentina
 0200-0230 on 9395 RMI 100 kW / 355 deg to ENAm English Sat/Sun Varies WRMI programs
 0230-0330 on 9395 RMI 100 kW / 355 deg to ENAm English Daily Varies WRMI programs
 0330-0400 on 9395 RMI 100 kW / 355 deg to ENAm English Daily Radio Slovakia Int
 0400-0700 on 9395 RMI 100 kW / 355 deg to ENAm English Daily Brother Stair TOM
 0700-1000 on 9395 RMI 100 kW / 355 deg to ENAm English Daily Supreme Master TV
 1000-2000 on 9395 RMI 100 kW / 355 deg to ENAm English Daily Brother Stair TOM
 2000-2300 on 9395 RMI 100 kW / 355 deg to ENAm English Daily Supreme Master TV
 2300-2400 on 9395 RMI 100 kW / 355 deg to ENAm English Daily Varies WRMI programs

WRMI-07 Okeechobee

1400-2100 on 21525 RMI 100 kW / 087 deg to NCAf English Daily Radio Africa Network

WRMI-08 Okeechobee

0000-0500 on 5950 RMI 100 kW / 355 deg to ENAm English Tue-Sa WRMI programs
 0000-0500 on 5950 RMI 100 kW / 355 deg to ENAm English Su/Mo Brother Stair TOM
 0500-2200 on 5950 RMI 100 kW / 355 deg to ENAm English Daily Brother Stair TOM
 2200-2400 on 5950 RMI 100 kW / 355 deg to ENAm English Daily Varies WRMI programs

WRMI-09 Okeechobee

1100-1200 on 15770 RMI 100 kW / 044 deg to WEu various Mo-Fr RAE Argentina
 1100-1200 on 15770 RMI 100 kW / 044 deg to WEu English Sa/Su Varies WRMI programs
 1200-1300 on 15770 RMI 100 kW / 044 deg to WEu English Daily Brother Stair TOM
 1300-1400 on 15770 RMI 100 kW / 044 deg to WEu English Daily Varies WRMI programs
 1400-2000 on 15770 RMI 100 kW / 044 deg to WEu English Daily Supreme Master TV
 2000-2100 on 15770 RMI 100 kW / 044 deg to WEu English Daily Varies WRMI programs
 2100-2130 on 15770 RMI 100 kW / 044 deg to WEu English Mo-Fr Radio Prague
 2100-2130 on 15770 RMI 100 kW / 044 deg to WEu English Sa/Su Varies WRMI programs

2130-2200 on 15770 RMI 100 kW / 044 deg to WEu French Mo-Fr Radio Prague
 2130-2200 on 15770 RMI 100 kW / 044 deg to WEu English Sa/Su Varies WRMI programs
 2200-0200 on 15770 RMI 100 kW / 044 deg to WEu English Daily Brother Stair TOM

WRMI-10 Okeechobee

2200-0100 on 5800 RMI 100 kW / 160 deg to LAm English Daily Supreme Master TV
 0100-0130 on 5800 RMI 100 kW / 160 deg to LAm Spanish Daily Radio Taiwan Int
 0130-0200 on 5800 RMI 100 kW / 160 deg to LAm English Daily Radio Prague
 0200-0300 on 5800 RMI 100 kW / 160 deg to LAm Port/Sp Tue-Sa RAE Argentina
 0200-0300 on 5800 RMI 100 kW / 160 deg to LAm English Su/Mo WRMI programs
 0300-0400 on 5800 RMI 100 kW / 160 deg to LAm English Daily WRMI programs
 0400-0430 on 5800 RMI 100 kW / 160 deg to LAm English Daily Radio Prague
 0430-0500 on 5800 RMI 100 kW / 160 deg to LAm Spanish Daily Radio Prague
 0500-2200 on 5800 RMI 100 kW / 160 deg to LAm English Daily Brother Stair TOM

WRMI-11 Okeechobee

2300-1100 on 7570 RMI 100 kW / 315 deg to WNAm English Daily Brother Stair TOM
 1100-1300 on 7570 RMI 100 kW / 315 deg to WNAm English Daily Supreme Master TV
 1300-1400 on 7570 RMI 100 kW / 315 deg to WNAm English Daily Brother Stair TOM
 1400-1700 on 7570 RMI 100 kW / 315 deg to WNAm English Sat/Sun Brother Stair TOM

WRMI-12 Okeechobee

2200-2300 on 5850 RMI 100 kW / 315 deg to WNAm Spanish Daily Radio Taiwan Int
 2300-2400 on 5850 RMI 100 kW / 315 deg to WNAm English Daily R.Tirana/R.Prague
 0000-0100 on 5850 RMI 100 kW / 315 deg to WNAm Slo/Eng Daily Radio Slovakia Int
 0100-0300 on 5850 RMI 100 kW / 315 deg to WNAm English Daily Varies WRMI programs
 0300-0800 on 5850 RMI 100 kW / 315 deg to WNAm English Daily Brother Stair TOM
 0800-0900 on 5850 RMI 100 kW / 315 deg to WNAm English Daily Varies WRMI programs
 0900-1000 on 5850 RMI 100 kW / 315 deg to WNAm English Daily Brother Stair TOM
 1000-1100 on 5850 RMI 100 kW / 315 deg to WNAm English Daily Varies WRMI programs
 1100-1300 on 5850 RMI 100 kW / 315 deg to WNAm English Daily Brother Stair TOM
 1300-1400 on 5850 RMI 100 kW / 315 deg to WNAm English Daily The Mike Church Show
 1400-1700 on 5850 RMI 100 kW / 315 deg to WNAm English Sa/Su Brother Stair TOM

WRMI-13 Okeechobee

0000-0100 on 7730 RMI 100 kW / 285 deg to MEX English Daily Varies WRMI programs
 0100-0800 on 7730 RMI 100 kW / 285 deg to MEX English Daily Brother Stair TOM
 0800-0900 on 7730 RMI 100 kW / 285 deg to MEX English Daily Varies WRMI programs
 0900-1100 on 7730 RMI 100 kW / 285 deg to MEX English Daily Brother Stair TOM

WRMI-14 Okeechobee

2100-2300 on 5010 RMI 100 kW / 181 deg to CAR English Daily Brother Stair TOM
 2300-2400 on 5010 RMI 100 kW / 181 deg to CAR Spanish Daily Family Radio
 0000-0030 on 5010 RMI 100 kW / 181 deg to CAR Spanish Daily Adventist World Radio
 0030-0100 on 5010 RMI 100 kW / 181 deg to CAR Spanish Daily Radio Slovakia Int
 0100-0200 on 5010 RMI 100 kW / 181 deg to CAR Spanish Daily Varies WRMI programs
 0200-0230 on 5010 RMI 100 kW / 181 deg to CAR Spanish Daily Radio Taiwan Int
 0230-0300 on 5010 RMI 100 kW / 181 deg to CAR Spanish Daily Radio Prague
 1100-1130 on 5010 RMI 100 kW / 181 deg to CAR Spanish Daily Adventist World Radio
 1130-1200 on 5010 RMI 100 kW / 181 deg to CAR Spanish Daily Radio Prague
 1200-1230 on 5010 RMI 100 kW / 181 deg to CAR English Daily Varies WRMI programs
 1230-1400 on 5010 RMI 100 kW / 181 deg to CAR English Daily Brother Stair TOM
 1400-1700 on 5010 RMI 100 kW / 181 deg to CAR English Sa/Su Brother Stair TOM

WRNO Radio, New Orleans

0200-0600 on 7505 RNO 050 kW / 020 deg to ENAm English/Hindi &
 0600-1400 on 7505 RNO 050 kW / 020 deg to ENAm English/Chinese

WTWW-1 We Transmit World Wide, Lebanon

0000-0700 on 5830 TWW 100 kW / 050 deg to ENAm English Scriptures For America
 0700-1400 on 5830 TWW 100 kW / 050 deg to ENAm English is irregularly on air!
 1400-1800 on 9475 TWW 100 kW / 050 deg to ENAm English Sun Scriptures For America

1800-2400 on 9475 TWW 100 kW / 050 deg to ENAm English is inactive at present

WTWW-2 We Transmit World Wide, Lebanon

0000-0700 on 5085 TWW 100 kW / 180 deg to SAm English various programs/shows
 0700-1400 on 5085 TWW 100 kW / 180 deg to SAm English is irregularly on air!
 1400-1800 on 9940 TWW 100 kW / 180 deg to SAm English Sun various programs/shows
 1800-2400 on 9940 TWW 100 kW / 180 deg to SAm English is irregularly on air!

WTWW-3 We Transmit World Wide Lebanon, test frequency, BUT inactive at present

1800-1900 on 15810 TWW 100 kW / 040 deg to ENAm English Household of Fath
 1900-2000 on 15810 TWW 100 kW / 040 deg to ENAm English Scriptures For America
 2000-0300 on 15810 TWW 100 kW / 040 deg to ENAm English Hymthtime
 0300-0400 on 15810 TWW 100 kW / 040 deg to ENAm Persian The Bible World Wide
 0400-0500 on 15810 TWW 100 kW / 040 deg to ENAm English Scriptures For America
 0500-0600 on 15810 TWW 100 kW / 040 deg to ENAm English Household of Fath
 0600-0700 on 15810 TWW 100 kW / 040 deg to ENAm Chinese The Bible World Wide
 0700-0800 on 15810 TWW 100 kW / 040 deg to ENAm Korean The Bible World Wide
 0800-0900 on 15810 TWW 100 kW / 040 deg to ENAm Indonesian The Bible World Wide
 0900-1000 on 15810 TWW 100 kW / 040 deg to ENAm Japanese The Bible World Wide
 1000-1100 on 15810 TWW 100 kW / 040 deg to ENAm Macedonian The Bible World Wide
 1100-1200 on 15810 TWW 100 kW / 040 deg to ENAm Polish The Bible World Wide
 1200-1300 on 15810 TWW 100 kW / 040 deg to ENAm Romanian The Bible World Wide
 1300-1400 on 15810 TWW 100 kW / 040 deg to ENAm Russian The Bible World Wide
 1400-1500 on 15810 TWW 100 kW / 040 deg to ENAm Turkish The Bible World Wide
 1500-1600 on 15810 TWW 100 kW / 040 deg to ENAm Greek The Bible World Wide
 1600-1700 on 15810 TWW 100 kW / 040 deg to ENAm Swahili The Bible World Wide
 1700-1800 on 15810 TWW 100 kW / 040 deg to ENAm Sudanese The Bible World Wide

WWCR-1 World Wide Christian Radio, Nashville

0000-0200 on 6115 WCR 100 kW / 046 deg to ENAm English Daily
 0200-0300 on 3215 WCR 100 kW / 046 deg to ENAm English Mo-Sa
 0200-0300 on 3215 WCR 100 kW / 046 deg to ENAm English Su Brother Stair
 0300-0500 on 3215 WCR 100 kW / 046 deg to ENAm English Daily
 0500-0600 on 3215 WCR 100 kW / 046 deg to ENAm English Mo-Fr Brother Stair
 0500-0600 on 3215 WCR 100 kW / 046 deg to ENAm English Sa/Su
 0600-1200 on 3215 WCR 100 kW / 046 deg to ENAm English Daily Brother Stair
 1200-1800 on 15825 WCR 100 kW / 046 deg to WEu English Daily
 1800-1900 on 15825 WCR 100 kW / 046 deg to WEu English Mo-Fr Brother Stair
 1800-1900 on 15825 WCR 100 kW / 046 deg to WEu English Sa/Su
 1900-2200 on 15825 WCR 100 kW / 046 deg to WEu English Daily
 2200-2300 on 6115 WCR 100 kW / 046 deg to ENAm Spanish Mo-Fr
 2200-2300 on 6115 WCR 100 kW / 046 deg to ENAm English Sa/Su
 2300-2400 on 6115 WCR 100 kW / 046 deg to ENAm English Mo-Fr Brother Stair
 2300-2400 on 6115 WCR 100 kW / 046 deg to ENAm English Sa/Su

WWCR-2 World Wide Christian Radio, Nashville

0000-0100 on 5935 WCR 100 kW / 085 deg to CAf English Daily
 0100-1300 on 5935 WCR 100 kW / 085 deg to CAf English Daily University Network
 1300-1500 on 7490 WCR 100 kW / 085 deg to CAf English Daily
 1500-1600 on 7490 WCR 100 kW / 085 deg to CAf English Mo-Sa
 1500-1600 on 7490 WCR 100 kW / 085 deg to CAf English Su Brother Stair
 1600-1800 on 12160 WCR 100 kW / 085 deg to CAf English Daily
 1800-1900 on 12160 WCR 100 kW / 085 deg to CAf English Mo-Sa
 1800-1900 on 12160 WCR 100 kW / 085 deg to CAf English Su Brother Stair
 1900-2100 on 12160 WCR 100 kW / 085 deg to CAf English Su-Fr
 1900-2100 on 12160 WCR 100 kW / 085 deg to CAf English Sa Brother Stair
 2100-2300 on 9350 WCR 100 kW / 085 deg to CAf English Su-Fr
 2100-2300 on 9350 WCR 100 kW / 085 deg to CAf English Sa Brother Stair
 2300-2400 on 5935 WCR 100 kW / 085 deg to CAf English Mo-Fr Brother Stair
 2300-2400 on 5935 WCR 100 kW / 085 deg to CAf English Sa/Su

WWCR-3 World Wide Christian Radio, Nashville

0000-0100 on 13845 WCR 100 kW / 040 deg to ENAm English Daily University Network
 0100-0500 on 4840 WCR 100 kW / 040 deg to ENAm English Daily
 0500-0600 on 4840 WCR 100 kW / 040 deg to ENAm English Tue-Su
 0500-0600 on 4840 WCR 100 kW / 040 deg to ENAm English Mon Brother Stair
 0600-0700 on 4840 WCR 100 kW / 040 deg to ENAm English Daily
 0700-1000 on 4840 WCR 100 kW / 040 deg to ENAm English Mo-Fr Brother Stair
 0700-1000 on 4840 WCR 100 kW / 040 deg to ENAm English Sat/Sun
 1000-1100 on 4840 WCR 100 kW / 040 deg to ENAm English Mo-Sa Brother Stair
 1000-1100 on 4840 WCR 100 kW / 040 deg to ENAm English Su
 1100-1200 on 4840 WCR 100 kW / 040 deg to ENAm English Sa Brother Stair
 1100-1200 on 4840 WCR 100 kW / 040 deg to ENAm English Su-Fr
 1200-1300 on 4840 WCR 100 kW / 040 deg to ENAm English Daily
 1300-1400 on 13845 WCR 100 kW / 040 deg to ENAm English Dayly
 1400-1500 on 13845 WCR 100 kW / 040 deg to ENAm English Mo-Fr
 1400-1500 on 13845 WCR 100 kW / 040 deg to ENAm English Sa Brother Stair
 1400-1500 on 13845 WCR 100 kW / 040 deg to ENAm English Su University Network
 1500-1800 on 13845 WCR 100 kW / 040 deg to ENAm English Mo-Sa Brother Stair
 1500-1800 on 13845 WCR 100 kW / 040 deg to ENAm English Su
 1800-2000 on 13845 WCR 100 kW / 040 deg to ENAm English Mo-Sa Brother Stair
 1800-2000 on 13845 WCR 100 kW / 040 deg to ENAm English Su University Network
 2000-2400 on 13845 WCR 100 kW / 040 deg to ENAm English Daily University Network

WWCR-4 World Wide Christian Radio, Nashville

0000-0300 on 7520 WCR 100 kW / 090 deg to CAm English Daily Brother Stair
 0300-0500 on 5890 WCR 100 kW / 090 deg to CAm English Su/Mo Brother Stair
 0300-0400 on 5890 WCR 100 kW / 090 deg to CAm English Tue-Sa Truth House Minist
 0400-0500 on 5890 WCR 100 kW / 090 deg to CAm English Tue-Sa Worship At Home
 0500-1300 on 5890 WCR 100 kW / 090 deg to CAm English Daily Brother Stair
 1300-2100 on 9980 WCR 100 kW / 090 deg to CAm English Daily Brother Stair
 2100-2200 on 9980 WCR 100 kW / 090 deg to CAm English Mo-Fr Financial Survival
 2100-2200 on 9980 WCR 100 kW / 090 deg to CAm English Sa/Su Brother Stair
 2200-2400 on 9980 WCR 100 kW / 090 deg to CAm English Daily Brother Stair

WWRB Global 1, Morrison

2300-2400 on 3215 WRB 100 kW / 045 deg to ENAm English Sa/Su
 0000-0200 on 3215 WRB 100 kW / 045 deg to ENAm English Sun/Mo
 0200-0500 on 3360 WRB 100 kW / 045 deg to ENAm English Su/Mo
 (DXMIX 1220)

WLC Radio 9330 kHz - WLC Radio has posted its new schedule for 9330 kHz (presumably to take into account Winter propagation conditions on this frequency). Not sure of the date on which the changes will take effect.

0000-0100	Brazil	Portuguese	170
0100-0300	West USA	English	270
0300-0600	Central USA	English	250
0600-0900	East USA	English	225
0900-1000	Caribbean	French	190
1000-1200	Caribbean	Spanish	190
1200-1400	Central USA	Spanish	220
1400-1800	Canada, Upper Mid-West USA	English	256
1800-1900	France	French	57 heard on 5 Dec (Hj. Biener)
1900-2000	U.K.	English	57 heard on 5 Dec (Hj. Biener)
2000-2100	Germany	German	57
2100-2200	West Africa	French	110
2200-2300	NS America	Spanish	190
2300-2400	Brazil	Portuguese	170

The Woofferton relay in English to Africa is not mentioned on their schedule. Will check to see if its still on air. No mention of any broadcasts in Arabic from Monticello ME or from the former relays in Kostinbrod-BUL and ENC Woofferton-UK. (Alan Holder G4ZBH, Isle of Wight, U.K. via hjb, Dec 5)

WWRB Manchester, Tennessee only broadcasts on Saturday-Sunday evenings local time starting around 2300 UTC

and continuing through to about 0400 UTC (SuMo). Has been using 5050 kHz until now, but Glenn Hauser heard operator Dave Franz announcing that he would be switching to his winter frequencies from 27 November. The schedule would be 2300-0200 on 3215 kHz, 0200-0400 testing on 3360 kHz instead of WWRB's usual winter channel of 3185 or 3195 kHz. However on 27/28 November WWRB was still being heard on 5050 kHz (AP)
(BrDXC-UK, 'Communication' Dec 2021 monthly printed/PDF file magazine. 'Communication' is the official monthly bulletin of the British DX Club)

WEWN-1 English on 9385 kHz and WEWN-3 Spanish on 5970 kHz via Vandiver, December 20:
from 0656 on 9385 EWN 250 kW / 085 deg to WAF English EWTN WEWN-1 Global Catholic Radio
0000-1400 on 5970 EWN 100 kW / 160 deg to CAM Spanish EWTN WEWN-3 Radio Catolica Mundial
Very good on 9385 kHz via SDR Milford, PA in USA and 5970 kHz via SDR Frostburg, MD in USA

EWTN WEWN-2 Radio Catolica Mundial in Spanish on 12050 kHz via Vandiver, December 22:
from 1356 on 12050 EWN 100 kW / 155 deg to CAM Spanish. Very good via SDR Milford PA, USA
Again wrong frequency announcement in Spanish at 1400UTC: ... on 5970 kHz, instead of 12050!

Good signal of WJHR Radio International on 15555 kHz USB via Milton, December 1:
from 1353 on 15555 JHR 050 kW / 005 deg to WNA English USB (registered 1400-2200 UTC)

Very good signal of WRNO in English/Chinese on 7505 kHz via New Orleans on December 20:
0940&1045 on 7505 RNO 050 kW / 020 deg to ENAM English/Chinese via SDR Frostburg, MD in USA

Very good signal of Brother Stair via WWCR-3 on 4840 kHz Nashville, December 20:
from 1003 on 4840 WCR 100 kW / 040 deg to ENAM English via SDR Frostburg, MD in USA.

WRMI-05 on 9455 kHz via Okeechobee is again on the air, December 21:
1000-1100 on 9455 RMI 100 kW / 285 deg to MEX English Supreme Master TV
1100-2400 on 9455 RMI 100 kW / 285 deg to MEX English Brother Stair TOM
9455 kHz is gone without notice. Good signal via SDR Half Moon Bay CA USA
(DX MIX 1225)

There seem to be occasional problems with WRMI transmitting on 15770 ... (we)

Reception of KVOH Voice of Hope America in English on 9975 kHz via Rancho Simi, December 29:
till 0702 on 9975 VOH 100 kW / 100 deg to CAM English. Fair/good via SDR Frostburg, MD in USA.

Very good signal of WRNO in Chinese on 7505 kHz via New Orleans on December 27:
from 1044 on 7505 RNO 050 kW / 020 deg to ENAM Chinese via SDR Frostburg, MD in USA
(DX MIX 1226)

Reception of WWCR-1 World Wide Christian Radio on 15825 kHz via Nashville, December 25:
from 1900 on 15825 WCR 100 kW / 046 deg to ENAM English. Good signal via SDR Milford PA, USA

Reception of WWCR-2 World Wide Christian Radio on 12160 kHz via Nashville, December 25:
from 2000 on 12160 WCR 100 kW / 085 deg to CAF English. Fair/good via SDR Boca Raton FL, USA

Reception of WWCR-2 World Wide Christian Radio on 7490 kHz via Nashville, December 24:
from 1300 on 7490 WCR 100 kW / 085 deg to CAF English. Very good via SDR Frostburg MD, USA
(DX MIX 1225)

Very good signal of WTWW-2 QSO Radio Show on 5085 kHz via Lebanon, December 29:
from 0535 on 5085 TWW 100 kW / 180 deg to SAM English via SDR Frostburg, MD in USA

Reception of WTWW-1 PPP Scriptures For America on 5830 kHz via Lebanon on December 29:
from 0554 on 5830 TWW 100 kW / 050 deg to ENAM English. Very good via SDR Frostburg MD, USA
(DX MIX 1226)

6115 kHz Dec 23 at *2159 UT, WWCR-1 is back on this frequency, just signing on and 2200 UT into Spanish, as I tune in during WORLD OF RADIO 2118 recording. Notice about 6115 & 3215 kHz being off the air has been removed from website. Span here is 22-02 UT. No 6114 kHz RTTY audible now, but WWCR so strong that could block, or discourage, it.

3215 kHz Dec 24 at 0735 UT, other WWCR-1 frequency is also back, with TOMBS, S=9+10/20dB. Span is 02-12 UT. Harold Frogde-MI, had heard 3215 kHz as early as 0202 UT Dec 23.

4840 kHz Dec 24 at 0735 UT, this WWCR is S=9+20/30dB of dead air instead of TOMBS; happens all too frequently; or rather, make that: not frequently enough. 5890 kHz still going with S=9+40dB of BS; and 5935 kHz PMS hitting S=9+50dB ! (gh, hcdx and wor Dec 23 / 24)

5085 kHz Jan 3 at 0433 UT, WTTW-2 is unusually off this early, and along with it the parasitic spurs circa 5072 & 5097 kHz. Then I see this posted at 0415 UT:

"5085 kHz transmitter problems - Not sure whether anyone else noticed, but 5085 kHz suddenly dropped off the air sometime about an hour ago (now at 0413 UT). Clearly a fault of some sort. Just now, I'm catching microsecond bursts of speech, so they're trying to fix things at WTTW. I was enjoying their music program while working in the shack. Hope they make it back soon! 73, Walt Salmaniw, Victoria, BC-CAN".
(gh, hcdx and WOR Jan 3)

U.S.A. (non) - Winter B-21 schedule of United States Agency for Global Media USAGM - Radio Liberty; Radio Farda; Radio Free Afghanistan; Radio Mashaal:

0000-0230	on	5860	KWT	250	kW	/	050	deg	to	WAs	Persian	Radio Farda
0230-0400	on	5860	KWT	250	kW	/	050	deg	to	WAs	Persian	Radio Farda
0230-0400	on	7585	KWT	250	kW	/	058	deg	to	WAs	Persian	Radio Farda
0230-0300	on	12140	UD0	250	kW	/	300	deg	to	WAs	Pashto	Radio Free Afghanistan
0230-0300	on	13860	UD0	250	kW	/	300	deg	to	WAs	Pashto	Radio Free Afghanistan
0300-0330	on	12140	UD0	250	kW	/	300	deg	to	WAs	Dari	Radio Free Afghanistan
0300-0330	on	13860	UD0	250	kW	/	300	deg	to	WAs	Dari	Radio Free Afghanistan
0330-0430	on	12140	KWT	250	kW	/	070	deg	to	WAs	Pashto	Radio Free Afghanistan
0330-0430	on	13860	KWT	250	kW	/	070	deg	to	WAs	Pashto	Radio Free Afghanistan
0400-0430	on	5860	KWT	250	kW	/	050	deg	to	WAs	Persian	Radio Farda
0400-0430	on	7585	KWT	250	kW	/	058	deg	to	WAs	Persian	Radio Farda
0400-0430	on	12035	LAM	100	kW	/	108	deg	to	WAs	Persian	Radio Farda
0400-0430	on	13600	UD0	250	kW	/	300	deg	to	WAs	Persian	Radio Farda
0400-0500	on	12110	KWT	250	kW	/	078	deg	to	WAs	Pashto	Radio Mashaal
0400-0500	on	13580	UD0	250	kW	/	300	deg	to	WAs	Pashto	Radio Mashaal
0400-0500	on	15765	UD0	250	kW	/	300	deg	to	WAs	Pashto	Radio Mashaal
0430-0530	on	5860	KWT	250	kW	/	050	deg	to	WAs	Persian	Radio Farda
0430-0530	on	7585	KWT	250	kW	/	058	deg	to	WAs	Persian	Radio Farda
0430-0530	on	9895	BIB	100	kW	/	085	deg	to	WAs	Persian	Radio Farda
0430-0530	on	12035	LAM	100	kW	/	108	deg	to	WAs	Persian	Radio Farda
0430-0530	on	12070	KWT	250	kW	/	070	deg	to	WAs	Dari	Radio Free Afghanistan
0430-0530	on	12140	KWT	250	kW	/	070	deg	to	WAs	Dari	Radio Free Afghanistan
0430-0530	on	13600	UD0	250	kW	/	300	deg	to	WAs	Persian	Radio Farda
0500-0900	on	12110	KWT	250	kW	/	078	deg	to	WAs	Pashto	Radio Mashaal
0500-0900	on	13580	KWT	250	kW	/	070	deg	to	WAs	Pashto	Radio Mashaal
0500-0900	on	15765	UD0	250	kW	/	300	deg	to	WAs	Pashto	Radio Mashaal
0530-0630	on	12070	KWT	250	kW	/	070	deg	to	WAs	Pashto	Radio Free Afghanistan
0530-0630	on	12140	KWT	250	kW	/	070	deg	to	WAs	Pashto	Radio Free Afghanistan
0530-0630	on	5860	KWT	250	kW	/	050	deg	to	WAs	Persian	Radio Farda
0530-0630	on	7585	KWT	250	kW	/	058	deg	to	WAs	Persian	Radio Farda
0530-0630	on	9895	BIB	100	kW	/	085	deg	to	WAs	Persian	Radio Farda
0530-0630	on	12035	LAM	100	kW	/	108	deg	to	WAs	Persian	Radio Farda
0530-0630	on	13600	LAM	100	kW	/	108	deg	to	WAs	Persian	Radio Farda
0630-0730	on	12140	KWT	250	kW	/	070	deg	to	WAs	Dari	Radio Free Afghanistan
0630-0730	on	15640	KWT	250	kW	/	070	deg	to	WAs	Dari	Radio Free Afghanistan
0630-0730	on	5860	KWT	250	kW	/	050	deg	to	WAs	Persian	Radio Farda
0630-0730	on	7585	KWT	250	kW	/	058	deg	to	WAs	Persian	Radio Farda
0630-0730	on	9895	BIB	100	kW	/	085	deg	to	WAs	Persian	Radio Farda
0630-0730	on	12005	BIB	100	kW	/	105	deg	to	WAs	Persian	Radio Farda
0630-0730	on	12035	LAM	100	kW	/	108	deg	to	WAs	Persian	Radio Farda
0630-0730	on	13600	LAM	100	kW	/	108	deg	to	WAs	Persian	Radio Farda
0730-0830	on	5860	KWT	250	kW	/	050	deg	to	WAs	Persian	Radio Farda
0730-0830	on	7585	KWT	250	kW	/	058	deg	to	WAs	Persian	Radio Farda
0730-0830	on	12005	BIB	100	kW	/	105	deg	to	WAs	Persian	Radio Farda

0730-0830 on 13600 LAM 100 kW / 108 deg to WAs Persian Radio Farda
 0730-0830 on 15690 LAM 100 kW / 104 deg to WAs Persian Radio Farda
 0730-0830 on 17530 UDO 250 kW / 300 deg to WAs Persian Radio Farda
 0730-0830 on 12140 KWT 250 kW / 070 deg to WAs Pashto Radio Free Afghanistan
 0730-0830 on 15640 KWT 250 kW / 070 deg to WAs Pashto Radio Free Afghanistan
 0830-0930 on 12140 KWT 250 kW / 070 deg to WAs Dari Radio Free Afghanistan
 0830-0930 on 15640 KWT 250 kW / 070 deg to WAs Dari Radio Free Afghanistan
 0830-1100 on 5860 KWT 250 kW / 050 deg to WAs Persian Radio Farda
 0830-1100 on 9990 KWT 250 kW / 058 deg to WAs Persian Radio Farda
 0830-1100 on 12005 BIB 100 kW / 105 deg to WAs Persian Radio Farda
 0830-1100 on 13600 LAM 100 kW / 108 deg to WAs Persian Radio Farda
 0830-1100 on 15690 LAM 100 kW / 104 deg to WAs Persian Radio Farda
 0830-1100 on 17530 UDO 250 kW / 300 deg to WAs Persian Radio Farda
 0900-1000 on 12110 KWT 250 kW / 078 deg to WAs Pashto Radio Mashaal
 0900-1000 on 13580 KWT 250 kW / 070 deg to WAs Pashto Radio Mashaal
 0900-1000 on 15765 UDO 250 kW / 300 deg to WAs Pashto Radio Mashaal
 0930-1030 on 12140 KWT 250 kW / 070 deg to WAs Pashto Radio Free Afghanistan
 0930-1030 on 15640 KWT 250 kW / 070 deg to WAs Pashto Radio Free Afghanistan
 1000-1100 on 12110 KWT 250 kW / 078 deg to WAs Pashto Radio Mashaal
 1000-1100 on 15765 UDO 250 kW / 300 deg to WAs Pashto Radio Mashaal
 1000-1100 on 17880 BIB 100 kW / 085 deg to WAs Pashto Radio Mashaal
 1030-1130 on 12140 KWT 250 kW / 070 deg to WAs Dari Radio Free Afghanistan
 1030-1130 on 15640 KWT 250 kW / 070 deg to WAs Dari Radio Free Afghanistan
 1000-1300 on 12110 KWT 250 kW / 078 deg to WAs Pashto Radio Mashaal
 1000-1300 on 15765 UDO 250 kW / 300 deg to WAs Pashto Radio Mashaal
 1000-1300 on 17880 BIB 100 kW / 085 deg to WAs Pashto Radio Mashaal
 1100-1200 on 5860 KWT 250 kW / 050 deg to WAs Persian Radio Farda
 1100-1200 on 9990 KWT 250 kW / 058 deg to WAs Persian Radio Farda
 1100-1200 on 12005 BIB 100 kW / 105 deg to WAs Persian Radio Farda
 1100-1200 on 13600 LAM 100 kW / 108 deg to WAs Persian Radio Farda
 1100-1200 on 15690 LAM 100 kW / 104 deg to WAs Persian Radio Farda
 1100-1200 on 17530 UDO 250 kW / 300 deg to WAs Persian Radio Farda
 1130-1230 on 12140 KWT 250 kW / 070 deg to WAs Pashto Radio Free Afghanistan
 1130-1230 on 15640 KWT 250 kW / 070 deg to WAs Pashto Radio Free Afghanistan
 1200-1230 on 5860 KWT 250 kW / 050 deg to WAs Persian Radio Farda
 1200-1230 on 9990 KWT 250 kW / 058 deg to WAs Persian Radio Farda
 1200-1230 on 12005 BIB 100 kW / 105 deg to WAs Persian Radio Farda
 1200-1230 on 13600 LAM 100 kW / 108 deg to WAs Persian Radio Farda
 1200-1230 on 15690 LAM 100 kW / 104 deg to WAs Persian Radio Farda
 1200-1230 on 17530 UDO 250 kW / 300 deg to WAs Persian Radio Farda
 1230-1330 on 5860 KWT 250 kW / 050 deg to WAs Persian Radio Farda
 1230-1330 on 9990 UDO 250 kW / 300 deg to WAs Persian Radio Farda
 1230-1330 on 12005 BIB 100 kW / 105 deg to WAs Persian Radio Farda
 1230-1330 on 13600 LAM 100 kW / 108 deg to WAs Persian Radio Farda
 1230-1330 on 15690 LAM 100 kW / 104 deg to WAs Persian Radio Farda
 1230-1330 on 17530 UDO 250 kW / 300 deg to WAs Persian Radio Farda
 1230-1330 on 12140 KWT 250 kW / 070 deg to WAs Dari Radio Free Afghanistan
 1230-1330 on 15640 DHA 250 kW / 045 deg to WAs Dari Radio Free Afghanistan
 1330-1400 on 5860 KWT 250 kW / 050 deg to WAs Persian Radio Farda
 1330-1400 on 9990 UDO 250 kW / 300 deg to WAs Persian Radio Farda
 1330-1400 on 11695 LAM 100 kW / 092 deg to WAs Persian Radio Farda
 1330-1400 on 12005 BIB 100 kW / 105 deg to WAs Persian Radio Farda
 1330-1400 on 12140 KWT 250 kW / 070 deg to WAs Pashto Radio Free Afghanistan
 1330-1400 on 13600 LAM 100 kW / 108 deg to WAs Persian Radio Farda
 1330-1400 on 15640 SMG 250 kW / 089 deg to WAs Pashto Radio Free Afghanistan
 1330-1400 on 15690 LAM 100 kW / 104 deg to WAs Persian Radio Farda
 1400-1430 on 5860 KWT 250 kW / 050 deg to WAs Persian Radio Farda
 1400-1430 on 9990 UDO 250 kW / 300 deg to WAs Persian Radio Farda
 1400-1430 on 11695 LAM 100 kW / 092 deg to WAs Persian Radio Farda
 1400-1430 on 12005 BIB 100 kW / 105 deg to WAs Persian Radio Farda
 1400-1430 on 12140 KWT 250 kW / 070 deg to WAs Dari Radio Free Afghanistan
 1400-1430 on 13600 LAM 100 kW / 108 deg to WAs Persian Radio Farda

1400-1430 on 15640 SMG 250 kW / 089 deg to WAs Dari Radio Free Afghanistan
 1400-1430 on 15690 LAM 100 kW / 104 deg to WAs Persian Radio Farda
 1400-1500 on 6060 KWT 250 kW / 040 deg to CAs Turkmen Radio Liberty
 1400-1500 on 7475 UDO 250 kW / 316 deg to CAs Tajik Radio Liberty
 1400-1500 on 9470 LAM 100 kW / 075 deg to CAs Tajik Radio Liberty
 1400-1500 on 11965 BIB 100 kW / 088 deg to CAs Turkmen Radio Liberty
 1400-1500 on 12045 BIB 100 kW / 075 deg to CAs Uzbek Radio Liberty
 1400-1500 on 15490 LAM 100 kW / 077 deg to CAs Uzbek Radio Liberty
 1430-1500 on 5860 KWT 250 kW / 050 deg to WAs Persian Radio Farda
 1430-1500 on 11695 LAM 100 kW / 092 deg to WAs Persian Radio Farda
 1430-1500 on 12005 BIB 100 kW / 105 deg to WAs Persian Radio Farda
 1430-1500 on 13600 LAM 100 kW / 108 deg to WAs Persian Radio Farda
 1430-1500 on 15690 LAM 100 kW / 104 deg to WAs Persian Radio Farda
 1500-1530 on 5860 KWT 250 kW / 050 deg to WAs Persian Radio Farda
 1500-1530 on 11695 LAM 100 kW / 092 deg to WAs Persian Radio Farda
 1500-1530 on 12005 BIB 100 kW / 105 deg to WAs Persian Radio Farda
 1500-1530 on 13600 LAM 100 kW / 108 deg to WAs Persian Radio Farda
 1500-1530 on 15690 BIB 100 kW / 085 deg to WAs Persian Radio Farda
 1500-1600 on 6060 KWT 250 kW / 040 deg to CAs Turkmen Radio Liberty
 1500-1600 on 7475 UDO 250 kW / 316 deg to CAs Tajik Radio Liberty
 1500-1600 on 9470 LAM 100 kW / 075 deg to CAs Tajik Radio Liberty
 1500-1600 on 11965 BIB 100 kW / 088 deg to CAs Turkmen Radio Liberty
 1530-1630 on 5860 KWT 250 kW / 050 deg to WAs Persian Radio Farda
 1530-1630 on 7580 LAM 100 kW / 108 deg to WAs Persian Radio Farda
 1530-1630 on 11695 LAM 100 kW / 092 deg to WAs Persian Radio Farda
 1530-1630 on 12005 BIB 100 kW / 105 deg to WAs Persian Radio Farda
 1600-1700 on 7475 UDO 250 kW / 316 deg to CAs Tajik Radio Liberty
 1600-1700 on 9470 LAM 100 kW / 075 deg to CAs Tajik Radio Liberty
 1600-1700 on 9490 BIB 100 kW / 075 deg to CAs Uzbek Radio Liberty
 1600-1700 on 9940 UDO 250 kW / 304 deg to CAs Uzbek Radio Liberty
 1630-1730 on 5860 KWT 250 kW / 050 deg to WAs Persian Radio Farda
 1630-1730 on 7580 LAM 100 kW / 108 deg to WAs Persian Radio Farda
 1630-1730 on 12005 BIB 100 kW / 105 deg to WAs Persian Radio Farda
 1730-1800 on 5860 KWT 250 kW / 050 deg to WAs Persian Radio Farda
 1730-1800 on 7580 UDO 250 kW / 300 deg to WAs Persian Radio Farda
 1730-1800 on 12005 BIB 100 kW / 105 deg to WAs Persian Radio Farda
 1800-2130 on 5860 KWT 250 kW / 050 deg to WAs Persian Radio Farda
 1800-2130 on 7580 UDO 250 kW / 300 deg to WAs Persian Radio Farda
 2130-2400 on 5860 KWT 250 kW / 050 deg to WAs Persian Radio Farda

(Bulgarian DX Blog)

Frequency change of KBS World Radio via Greenville from January 1:

0100-0200 NF 9870 GB 250 kW / 164 deg to SAm Spanish KBSWR, ex 11880 kHz.

(Bulgarian DX Blog)

UZBEKISTAN - 6085 kHz CDNK Radio (Committee for the Democratization of NKorea) via Tashkent bcast center, Dec 18, fair-good signal at 1410 UT check and holding past 1425 UT with YL in KK, droning on and on. Pretty good reception through band noise, far past daybreak here in Midwest. 1427 UT tinkling piano keys with opening sequence for "The First Noel" but once YL starts to sing, pulled in mid-breath at -1428* UT.

(Gianni Serra, Roma-ITA, loggings via wor Dec 19)

VATICAN - Vatican Radio "Urbi e Orbi" received via SDR Tambov RUS, December 25:

1055-1130 on 15575 SMG 250 kW / 214 deg to WAF French, very good

1055-1130 on 17520 SMG 250 kW / 165 deg to SAF Portug., very good

1055-1130 on 17540 SMG 250 kW / 185 deg to WCAf English, very good

1055-1130 on 17790 SMG 250 kW / 105 deg to N/ME Arabic, very good

(DX MIX 1225)

Special broadcast for special events only. (we)

ZAMBIA - 5915 kHz Radio One / ZNBC1, 0247-0415 UT on Jan 1. The usual New Year's Day special broadcast; countless phone conversations and playing a lot of nice African music; 0357 UT, very pleased to hear my favorite "Happy

Christmas/Happy New Year" African song again; reception fair, but not as good as heard on Jan 1, 2015 UT.
A program I always enjoy! (Ron Howard-CA-USA, via wwdxc BC-DX TopNews Jan 4)

Editor's info desk was closed for this edition at 14:00 hours UTC on January 7th, 2022.

Please also see the "List of Broadcasts in German" (Hörfahrplan Deutsch) updated regularly on the WWDXC website.

Sources & Contributors:

A-DX - e-mail exchange - Austria

BCDX - News Bulletin by Wolfgang Bueschel (**wb**) - Stuttgart - Germany

WOR (gh) - Glenn Hauser's WORLD OF RADIO - Oklahoma - USA

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.



DX LOGBOOK

Logs around the clock

by Ashok Kumar Bose, 106 Aspermont Crescent, Brampton, Ontario, L6P 3Z3, Canada
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LONGWAVE AND MEDIUMWAVE BANDS

Frequency	UTC	SIO	ITU	Radio Station	Language	Programme Details	Date	Rep.
225.0	1925	444	POL	Polskie Radio 1	Polish	MX, ann, ID, MX	0811	SG
234.0	1900	554	LUX	RTL Beidweiler	French	TA, ID, NX, talks	0811	SG
270.0	2200	554	CZE	CR1-Topolna	Czech	TS, ID, NX, adv	0412	SG
882.0	2000	454	G	BBC Radio Wales	English	E, Pop, ID, Pophits	0512	SG
963.0	1915	444	TUN	RTCI Tunis	Italian	I, ID, ann, Pop, rpt	0512	SG
963.0	1930	444	TUN	RTCI Tunis	German	D, IS, ID, ann, Pop, rpt	0512	SG
1386.0	1600	454	LTU	Polskie R. via Viesintos	Polish	ID, ann, ID, rpts	0512	SG
1386.0	1630	454	LTU	Polskie R. via Viesintos	Russian	R, ID in E, ann, rpts	0512	SG
1386.0	1700	454	LTU	Polskie R. via Viesintos	German	D, ID, NX, rpts	0512	SG
1386.0	1730	454	LTU	NHK-World-Radio Japan	Russian	R, IS, ID, ann, rpts, MX	0512	SG
1458.0	2025	454	G	Lyca Radio	English	E, Pop, ID, adv, charts	0512	SG
1476.0	1900	343	AUT	Museumsradio 1476	German	D, IS, ID, adr, DXWK	0412	SG
1548.0	2035	444	MDA	TWR via Grogoripol	Serbian	Serbian, RelPX, ID, IS	0512	SG

SHORTWAVE BANDS

3940.0	0530	454	HOL	Radio Free Wave	Russian	R, MX, IS, ID, ann, MX	2111	SG
3955.0	0555	454	D	TOM via Ch292	English	E, ID, adr, IS, ID, cd	1411	SG
3955.0	1600	454	D	R. Powerrumpel vi Ch292	German	ID, Film 9 1/2 Wochen	1411	SG
3955.0	1900	454	D	Radio DARC via Ch292	German	ID, 351; E-Stromzähler	0811	SG
3955.0	2000	454	G	KBS-WR via Woofferton	German	D, ID, NX, Wirtschaft	0811	SG
3955.0	2000	454	G	KBS-WR via Woofferton	German	D, ID, TdW; Hörerecke	1311	SG
3955.0	2100	454	G	KBS-WR via Woofferton	French	F, ID, NX, Magazin	0811	SG
3955.0	2200	454	D	Encore Music	English	E, ID, classic music	1411	SG
3985.0	1500	453	D	Radio Vatikan via Kall	German	D, ID, NX Weltkirche	1311	SG
3985.0	1520	453	D	Radio Belarus via Kall	Spanish	S, ID, NX, rpts, MX	1411	SG
3985.0	1540	453	D	Radio Belarus via Kall	French	F, ID, NX, rpts, MX	1411	SG
3995.0	0530	353	D	HCJB Weenermoor	German	D, Medienmagazin	1411	SG
4885.0	0050	353	B	Radio Clube do Para	Portuguese	ID, adv, NX, MX, rpts	0212	SG
4980.0	0100	353	USA	TOM via WRMI	English	E, ID, ann, prayer bc	0212	SG
5040.0	0115	453	CUB	RHC	French	F, ID, MX, rpts, MX	0212	SG
5830.0	2210	453	UZB	Iran International TV	Persian	Persian, NX, ID, rpts	0312	SG
5850.0	0414	553	USA	KSKO relay WRMI	English	Merry Christmas, Police	2512	RL
5900.0	1700	343	BUL	RTI via Kostinbrod	Russian	R, ID, NX, MX, rpts	1211	SG
5900.0	1900	454	BUL	RTI via Kostinbrod	German	D, ID, NX, WX, HBF	0312	SG
5920.0	1030	454	D	HCJB Weenermoor	German	D, ID, Medienmagazin	0412	SG
5925.0	2100	454	STP	VOA-Relay	French	F, ID, NX, rpts, MX	0312	SG
5930.0	0750	353	DNK	World Music R., Branning	English	E, RockPop, Jingle-ID	0112	SG
5940.0	1730	453	IRN	IRIB	German	D, ID, NX, WX, ID, rpt	0112	SG
5945.0	1830	454	TUR	TRT	German	IS, ID, NX, press, rpts	0811	SG
5960.0	0119	553	D	Mighty KBC Radio	English	The Jute Box	1912	RL
5970.0	0732	353	DNK	Radio 208	English	E, RockPop, Jingle-Ids	0112	SG

5970.0	1820	454	IRN	IRIB	Albanian	IS, ID, NA, NX	0811	SG
5995.0	0620	343	MLI	Radio Mali Bamako	French	F, Afro-Pop, ID, Pop	1411	SG
5995.0	1015	454	HOL	Holländischer Popsender	Dutch	Hol, Rockpop-Mix	0412	SG
5995.0	1230	444	HOL	Holländischer Popsender	Dutch	Hol, Rockpop-Mix	2011	SG
6000.0	0156	444	TUR	TRT	Turkish	MX, TS, ID, NX	0212	SG
6000.0	0610	343	CUB	RHC	English	E, NX, ID, cmt, ID, rpt	1411	SG
6000.0	1700	454	D	NHK-World-Radio Japan	Japanese	J, ID, NX, pop, ann, ID	0811	SG
6005.0	0900	444	D	RUI via Kall	German	D, IS, ID, NX, MX, rpts	0312	SG
6005.0	1200	444	D	RSI via Kall	English	E, ID, NX, rpt corona	0512	SG
6005.0	1400	454	D	RSI via Kall	German	D, ID, NX, HBF	0512	SG
6005.0	1600	252	D	Polskie Radio via Kall	German	D, ID, NX	0512	SG
6005.0	1900	454	BUL	RTI via Kostinbrod	French	F, ID, ann, NX, WX, rpt	0412	SG
6010.0	2000	554	CVA	Vatican Radio	English	E, IS, ID, Africa Sce	1411	SG
6020.0	0800	454	HOL	Delta Radio	German	D, Goldsongs, Jingle-Ids	0512	SG
6030.0	2130	453	CAN	CFVP 1060 AM	English	Calgary Funnies	2612	RL
6030.0	0145	444	USA	Radio Marti	Spanish	S, talks, ID, MX, talks	0212	SG
6040.0	0500	454	F	RFI	French	F, ID, NX, rpts, MX	1511	SG
6040.0	1500	554	ROU	RRI	German	D, IS, ID, NX, RT, FBK	0512	SG
6050.0	1929	554	TUR	TRT	English	E, IS, ID, adr, NX, MX	1411	SG
6055.0	1130	554	D	Ev. Missionsgemeinden	German	D, ID, ann, relPX	2011	SG
6055.0	1840	444	CHN	CRI	French	F, rpt, ID, MX, ID	0811	SG
6060.0	0545	444	F	Radio Algerienne	Arabic	A, MX, ID, Holy Qur'an	1411	SG
6060.0	1730	444	IRN	IRIB	Arabic	A, IS, ID, NA, rpts	1211	SG
6070.0	0700	454	D	RWI via Ch292	English	E, ID, Rockpop, ID, adr	1411	SG
6070.0	0800	454	D	Super Clan R. via Ch292	English	E, ID, Rockpop, adr	2111	SG
6070.0	0900	454	D	RNI via Ch292	German	D, ID, Goldtausch, Pop	1411	SG
6070.0	0900	454	D	RNI via Ch292	German	D, ID, Goldtausch, Pop	2111	SG
6070.0	0900	454	D	Jake FM via Ch292	German	ID, Rock, RTI-HK-Ecke	0412	SG
6070.0	1000	454	AUT	R. DARC via Moosbrunn	German	ID, 355; Schiff-Komm.	0512	SG
6070.0	1000	454	D	TOM via Ch292	English	E, ID, adr, phone, relPX	2411	SG
6070.0	1000	454	D	Super Clan R. via Ch292	English	E, ID, special music px	2711	SG
6070.0	1000	454	D	Jake FM via Ch292	German	D, ID, Rock, Jingle-ID	0412	SG
6070.0	1100	454	D	Valley FM via Ch292	English	E, ID, Rockpop	2111	SG
6070.0	1100	454	D	Encore Music via Ch292	English	E, ID, classic music	2711	SG
6070.0	1200	454	D	Korches Radio via Ch292	German	D, ID, Der Berg ruft	1411	SG
6070.0	1200	454	D	Alt Univ. Top 40 Ch292	English	E, ID, Rockpop Top 40	2711	SG
6070.0	1300	454	D	SM-R. Dessau vi Ch292	German	D, ID, Operette	1411	SG
6070.0	1300	454	D	From the Isle of Music	English	E, ID, adr, Cuban music	2711	SG
6070.0	1400	454	D	Musikallee via Ch292	German	ID, Rock-Pop-Comedy	2711	SG
6070.0	1400	454	D	R. Powerrumpel vi Ch292	German	D, ID, Rockpop	1411	SG
6070.0	1500	454	D	Offshore History Radio	English	ID, adr, offshore Radio	2711	SG
6070.0	1500	454	D	RON via Ch292	German	D, ID, Dudelfunk deluxe	0512	SG
6070.0	1700	444	CHN	CRI	Russian	R, ID, NX, MX, rpts	0911	SG
6080.0	0545	343	STP	VOA-Relay	English	E, ID, rpt, Afropop	2111	SG
6085.0	0800	454	D	R. Mi Amigo Int. via Kall	English	E, ID, ann, Rockpop	0312	SG
6100.0	1730	454	CHN	CRI	English	E, ID, round table	0811	SG
6110.0	1720	444	IRN	IRIB	Bosnian	Bosnian, IS, ID, NX, rpt	1211	SG
6120.0	1830	444	TUR	TRT	Turkish	Turkish, MX, ID, MX	0811	SG
6130.0	0958	454	HOL	Radio Casanova	English	E, ID, Pop, ann, ID	1411	SG
6135.0	0600	454	CVA	BBC-WS-Relay	French	ID, NX, sport, ID, rpts	1411	SG
6140.0	0900	454	AUT	Welle 370 via ORS	German	ID, Industrieklänge; HE	0512	SG
6145.0	0540	554	ROU	R. Romania Actualidad	Romanian	Romanian, ID, Rockpop	1411	SG
6155.0	0600	454	AUT	Ö1 via ORS Moosbrunn	German	IS, ID, Morgenjournal	0312	SG
6160.0	1100	454	D	Shortwave Gold Winsen	Italian	I, ID, ann, DX, MX	0412	SG
6160.0	1030	353	D	Shortwave Gold Winsen	English	E, DX World of Radio	0512	SG
6160.0	1800	454	CHN	CRI	German	D, IS, ID, trad-instr-MX	0711	SG
6165.0	0600	454	F	NHK-World-Radio Japan	Arabic	A, IS, ID, NX, rpts	1511	SG
6165.0	1410	333	UZB	NHK-World-Radio Japan	English	E, ID, mailbag // 11925	0512	SG
6170.0	1800	343	KRE	VoKorea	German	D, IS, ID, NA, ann, MX	0811	SG
6170.0	2130	554	ROU	RRI	English	IS, ID, NX, rpt // 7375	0112	SG
6170.0	2200	554	CHN	CRI	Portuguese	P, IS, ID, instr-MX	0312	SG
6180.0	0120	444	CHN	CRI	English	E, rpt vaczin; ID, rpt	0312	SG
6180.0	1200	454	D	DWD	German	D, ID, Seewetterberichte	0512	SG

6185.0	1600	454	CVA	Vatican Radio	Armenian	Armenian, IS, ID, NX	1711	SG
6185.0	1620	454	CVA	Vatican Radio	Russian	R, IS, ID, NX, rpts	1711	SG
6185.0	1740	454	CVA	Vatican Radio	Ukrainian	Ukrainian, IS, ID, NX	1211	SG
6195.0	0530	454	ASC	BBC-WS-Relay	English	E, ID, NX, rpt, MX	1411	SG
6195.0	1800	454	OMA	BBC-WS-Relay	English	E, ID, NX, rpt secrets	0911	SG
6210.0	1050	353	HOL	Holländischer Popsender	English	E, Rockpop	0512	SG
6265.0	1436	353	HOL	Holländischer Popsender	English	E, Rockpop	0512	SG
7230.0	1715	554	CVA	Vatican Radio	English	ID, Vatican-World-NX	1211	SG
7245.0	0500	353	CVA	NHK-World-Radio Japan	English	E, ID, NX, HBF	1411	SG
7255.0	1500	554	TUR	TRT	Italian	IS, ID, NX, rpt, MX, IS	1511	SG
7265.0	1815	443	MDG	BBC-WS-Relay	English	E, ID, rpt respect	0811	SG
7300.0	1600	454	CHN	CRI	Arabic	A, ID, NX, rpts, MX	2611	SG
7300.0	1740	454	CHN	CRI	Arabic	A, ID, rpts, MX	2611	SG
7305.0	2000	454	CHN	CRI	Polish	MX, ann, ID, MX	1511	SG
7330.0	1100	454	AUT	Radio Joystick via ORS	German	D, ID, Charlie-Prince	0512	SG
7345.0	0658	554	ROU	RRI	German	D, IS, ID, NX,	0112	SG
7360.0	0615	554	ROU	RRI	French	Pop, ID, rpt climatique	2111	SG
7365.0	1050	454	D	HCJB Weenermoor	German	D, ID, RTI-DX-Tipps	0512	SG
7365.0	2000	554	CVA	Vatican Radio	English	E, IS, ID, Africa Sce	1411	SG
7365.0	2030	554	CVA	Vatican Radio	French	F, IS, ID, Africa Sce	1411	SG
7375.0	2152	453	ROU	RRI	English	Think Greener Birds	2712	RL
7430.0	1620	443	IRN	IRIB	Armenian	IS, ID, NA, NX	1111	SG
7445.0	1630	443	MDG	BBC-WS-Relay	English	E, ID, ann, rpts	1111	SG
7780.0	0000	453	USA	RSI via WRMI	Slovak	Slovak	1811	SG
7780.0	2300	453	USA	RAE via WRMI	French	F, ID, NX, economique	1711	SG
7780.0	2330	453	USA	RAE via WRMI	German	D, IS, ID, ann, NX, HBF	1711	SG
9330.0	0900	453	USA	WBCQ-WLC-Radio	English	E, ID, relPX	1411	SG
9345.0	1450	454	PHL	FEBC Radio Liangyou	Chinese	Ch, relPX, chorus, ID	2911	SG
9525.0	1500	554	CHN	CRI	English	E, ID, NX, World today	2911	SG
9645.0	0705	454	CVA	Vatican Radio	Ukrainian	ID, Liturgy // 7250	1411	SG
9675.0	1600	454	CHN	CRI	English	E, ID, NX, rpts // 9875	1111	SG
9730.0	1900	444	CHN	CRI	Portuguese	P, ID, NX, MX, rpts	1511	SG
9810.0	1415	554	ROU	R. Romania Actualidad	Romanian	Romanian, ID, rpt, Pop	1511	SG
9865.0	0515	252	F	NHK-World-Radio Japan	English	E, HBF, ID, Sprachkurs	1411	SG
9875.0	1630	454	CHN	CRI	English	E, ID, history // 9675	1111	SG
9965.0	1424	454	ARM	TWR-India via Gavar	English	E, IS, ID, relPX	2911	SG
9965.0	1500	454	ARM	TWR-India via Gavar	Pashto	Pashto, IS, ID, relPX	2911	SG
9985.0	1400	343	MRA	VOA-Relay	Korean	Korean, ID, NX, rpts	1511	SG
11670.0	1600	443	E	REE	Spanish	S, ID, NX, rpts	1511	SG
11690.0	1000	343	GUM	KSDA-Agat	Chinese	Ch, IS, ID, rel bc	0412	SG
11690.0	1100	343	GUM	KSDA-Agat	Chinese	Ch, IS, ID, rel bc	0412	SG
11690.0	1200	453	CHN	CRI	English	E, ID, NX, rpt, MX	0412	SG
11725.0	0859	343	NZL	RNZ	English	E, IS, TS, ID, NX	0112	SG
11825.0	1158	444	AUS	Reach Beyond	Vernicular	IS, E-ID, relPX	1911	SG
11830.0	1600	443	F	DW-Relay	Amharic	Amharic, ID, NX, rpts	1611	SG
11865.0	1130	444	AUS	Reach Beyond	Vernicular	Vern., relPX, ID, IS, cd	1911	SG
11875.0	1158	444	AUS	Reach Beyond	Hindi	Hindi, IS, ID, relPX	1811	SG
11880.0	1400	554	CHN	CRI	English	E, ID, NX, round table	1911	SG
11885.0	1930	433	VTN	VoV	French	F, ID, NX, rpts, MX	1611	SG
11900.0	1930	444	STP	VOA-Relay	French	F, ID, NX, africa rpts	1711	SG
11925.0	1410	343	UAE	NHK-World-Radio Japan	English	E, ID, mailbag // 6165	0512	SG
11935.0	1630	242	CVA	Vatican Radio	English	E, IS, ID, NX Africa Sce	1011	SG
11945.0	1300	554	ROU	RRI	Arabic	A, ID, NX, rpt, Folklore	1911	SG
11945.0	1329	454	AUS	Reach Beyond	Hindi	Hindi, IS, E-ID, relPX	1911	SG
11945.0	1338	454	AUS	Reach Beyond	English	ID, adr, fresh, ID, IS, cd	0112	SG
12030.0	1600	454	E	REE	Spanish	S, ID, NX, rpts	1511	SG
12035.0	1330	454	TUR	TRT	English	E, IS, ID, NX, MX, rpt	0512	SG
12095.0	1900	454	ASC	BBC-WS-Relay	English	E, ID, NX, sports, rpts	1811	SG

13570.0	1200	454	CHN	CRI	French	F, IS, ID, NX, rpts	0312	SG
13600.0	0930	444	OMA	Radio Sultanate of Oman	Arabic	A, ann, ID, arab MX	1111	SG
13750.0	1240	554	ROU	RRI	English	E, Folkmusic, ID, HBF	0412	SG
13775.0	1230	443	ARS	Saudi Radio	Urdu	Urdu, ID, ann, rpts	1911	SG
13790.0	1200	554	CHN	CRI	English	E, ID, NX, rpts	1111	SG
15110.0	1220	454	KWT	Radio Kuwait	Arabic	A, ID, talks, ID, MX	0412	SG
15160.0	0900	454	KOR	KBS-WR via Kimjaj	Korean	Korean, IS, ID, K-Pop	1511	SG
15185.0	0900	454	CHN	CRI	English	E, ID, NX, rpts // 15210	1611	SG
15210.0	0900	454	CHN	CRI	English	E, ID, NX, rpts // 15185	1611	SG
15240.0	1150	454	IRN	IRIB	Hebrew	Hebrew, IS, ID, ann, NX	1311	SG
15255.0	1100	554	ROU	RRI	French	F, IS, ID, NX, MX, rpts	1311	SG
15270.0	1230	554	TUR	TRT	German	IS, ID, NX, press, HBF	1111	SG
15290.0	0920	454	F	NHK-World-Radio Japan	Japanese	J, ID, pop, talks	1411	SG
15380.0	0730	454	ARS	Saudi Radio	Arabic	A, ID, NX, ID, Gesang	1711	SG
15430.0	0928	554	ROU	RRI	Romanian	Romanian, Pop, ID, rpt	1411	SG
15435.0	0600	454	KWT	Radio Kuwait	English	E, ID, NX, WX, ID, Pop	2111	SG
15460.0	1215	554	ROU	RRI	English	E, MX, ID, culture, HBF	0412	SG
15580.0	0545	454	BOT	VOA-Relay	English	E, ID, Rockpop, ann, ID	2111	SG
15620.0	0600	454	CHN	CRI	Italian	ID, ann, trad-instr-mx	2111	SG
15630.0	0810	454	UZB	Iran International TV	Persian	Persian, Pop, ID, adv	1711	SG
15745.0	1100	322	TJK	RFA-Relay	Tibetan	ID, ann, NX, rpts	1711	SG
15760.0	1200	444	THA	Mashaal Radio	Pashto	Pashto, ID, NX, ID, rpt	1011	SG
15770.0	1100	232	USA	RAE via WRMI	English	E, IS, ID, NX, rpts	1011	SG
15770.0	1100	444	USA	Prayer BC via WRMI	English	E, ID, adr, prayer bc	2411	SG
15770.0	1145	444	USA	RAE via WRMI	German	D, DXN, ID, Pop	1011	SG
15770.0	1200	444	USA	Prayer BC via WRMI	English	E, ID, adr, prayer bc	2411	SG
15770.0	1300	444	USA	Wavescan via WRMI	English	E, ID, ann, Wavescan	0412	SG
15770.0	1300	444	USA	SWRadiogram via WRMI	English	E, IDs, ann, Radiogram	1911	SG
15825.0	1400	454	USA	WWCR	English	E, ID, ann, prayer bc	0112	SG
17490.0	0730	554	CHN	CRI	English	E, ID, Beijing hour	0212	SG
17625.0	1215	343	ARS	Saudi Radio	Arabic	A, Gesang, ID // 17895	1911	SG
17640.0	1200	454	ASC	BBC-WS-Relay	French	F, ID, NX, rpts Afrique	1511	SG
17660.0	1214	444	F	RFI	French	F, ID rpt climate	1311	SG
17670.0	0815	454	CHN	CRI	English	E, rpt wildlife, ID, MX	1811	SG
17800.0	1200	343	ROU	RRI	English	E, IS, ID, NX, rpts	1311	SG
17895.0	1215	454	ARS	Saudi Radio	Arabic	A, Gesang, ID // 17625	1911	SG
21580.0	1200	353	F	RFI	French	F, ID, NX, rpts	0412	SG
21630.0	1200	353	ASC	BBC-WS-Relay	French	F, ID, NX, rpts	1211	SG
21670.0	1000	453	ARS	Saudi Radio	Arabic	A, ID, NX, ID, Gesang	1711	SG
21690.0	1200	353	F	RFI	French	F, ID, NX, rpts	0412	SG

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

- 5925.0 SAO TOME Voice of America – Pinheira, 2134-2201* Dec 6, long talks in Bambara language. At 2156 there was instrumental music ending of the program. After a talk, a man gave the English ID: "This is the Voice of America, Washington, DC signing off". After Yankee Doodle the carrier was terminated. Fair.
- 6020.0 SAO TOME Voice of America – Pinheira, 0551-0607 Dec 16, man announcer talking in the French language with nice station ID at 0600 followed by more news features. Fair signal.
- 7255.0 NIGERIA Voice of Nigeria – Abuja Lugbe, 0602-0637 Dec 19, instrumental music followed by a man announcer with station ID and Hausa language talks with some chanting between segments. Poor to fair.
- 7290.0 CHINA China Radio International – Xian, 2225- 2238 Dec 6, long talk in the listed Korean language by a man announcer. Fair signal.
- 7410.0 ESWATINI Trans World Radio – Manzini, 1959-2001* Dec 15, noted with organ music until TWR interval signal before carrier terminated. Poor to fair. Noted at 1956-2005* Dec 19 with woman speaking in the Portuguese language before closing announcements and TWR IS. Two different close down times. Fair.
- 9720.0 CLANDESTINE Dimtse Radio Erena – Kostinbrod (Sofia), 1726-1800* Dec 24, talk by a man in Tigrinya with a few short music segments heard. Off with instrumental music. Poor, noisy reception.

- 11560.0 INDIA All India Radio – Bengaluru, 1450-1538 Dec 24, woman talking Pashto . Nice station ID and Yahoo e-mail address at 1456 followed by instrumental music. A woman began hosting a music program at 1500. At 1533 a man gave an English language station ID. Very good signal.
- 11640.0 MALI China Radio International – Bamako, 1832-1847 Dec 8, a man announcer with a long talk in the listed Arabic language. Poor signal.
- 11769.9 NIGERIA Voice of Nigeria - Abuja Lugbe, 1838-1904 Dec 24, a woman with English ID hosting a program of news features with several remote reports. Fair to good.
- 13740.0 FRANCE Radio France International – Issoudun, 1921-1959* Dec 15, woman announcer with French language features with a vocal selection at 1922. Closed with station ID, announcement sand instrumental music before carrier terminated. Fair to good with periodic deep fades.
- 15160.0 CLANDESTINE Dimtse Woyane Tigray – Issoudun, 1517-1533 Dec 24, woman in Tigrinya language alternating with brief segments of music. Later talk by a man and woman. Slight jamming noted from 1528 otherwise poor to fair reception.
- 15770.0 USA Gruss An Bord (Norddeutscher Rundfunk) – Okeechobee, 2117-2206 Dec 24, annual NDR Christmas program featuring church service in the German with religious talks and choir singing. Heard “O Come All Ye Faithful” and “Silent Night” just before closing announcements. Terrific signal; //9820 (Nauen) not as well heard. Program ended at 2200 but German news continued as NDR feed not cut immediately.

Here are the loggings from Rudolf Grimm, various locations in Brazil:

- 3915.0 SINGAPORE: BBC, via Kranji, English, 14/12 2210. Male voice communication, News. 25432.
- 3930.0 SOUTH KOREA: Voice of the People, Kyonggi-do, Korean, 14/12 2215. Talk by female voice. 15421.
- 3945.0 NORTH KOREA: Echo of Unification, via Pyongyang, Korean, 14/12 2205. Talk by male voice. 15421.
- 3950.0 CHINA: PBS Xinjiang, Urumqi, Chinese, 19/12 0058. Talk by male and female voices communication, time pips on 0100 UTC. 25422.
- 3985.0 Echo of Hope (VOH), via Hwaesong, Korean, 14/12 2220. Talk by male voice. 15421.
- 3990.0 CHINA: PBS Xinjiang, Urumqi, Uyghur, 19/12 0105. Talk by male voice. News?. 25422.
- 4800.0 CHINA: CNR1 Voice of China, via Golmud, Chinese, 12/12 0050. Talk by male and female voices. 25542.
- 4885.0 BRAZIL: Radio Clube do Pará, Belém, 14/12 2225. Talk by male voice announcers, News. 25442.
- 4905.0 BRAZIL: Radio Relógio Federal, Rio de Janeiro, 12/12 0055. Relaying Portugese programming from Igreja International da Graça de Deus, song, message. 34543.
- 4925.0 BRAZIL: Radio Educação Rural, Tefé (Amazonas), 19/12 0053. Talk by YL, advs, ‘Tefé’. 25542.
- 4980.0 USA: WMRI The Overcomer Ministry, via Okeechobee, English, 12/12 0100. Talk by OM about Christian subjects (Brother Stair’s style). 25542.
- 7110.0 ETHIOPIA : Radio Ethiopia, Adis Abbeba, Unid language (Arabic, or a dialect?), 12/12 0440 (on irregular time). Talk by male voice. 15321.
- 7205.0 SUDAN: Radio Ondurman Sudan, Al Aitahab, Arabic, 12/12 0435. ON: talk, interview, ‘Sudan...’
- 7325.0 AUSTRIA: Adventist World Radio, via Moosbrunn, French, 12/12 0450. A Christian programming, id ‘Radio Mondiale Adventista’, Bible Reading, talk by male voice. 35543.
- 7350.0 FRANCE: Radyo Denge Welat, via Issoudun, Kurdish, 12/12 0455. Talk by YL, a song in a Kurdish style and language. 24422.
- 9659.0 GUINEA: Radio Guinea, Conakry, French, 11/12 2045. Talk by OM in French language. 25542.
- 9665.0 BRAZIL: Radio Voz Missionária, Camboriú, 11/12 2015. Christian song, talk by OM about the Bible, Pharaoh. 55555.
- 9730.0 VIETNAM: Voice of Vietnam, Hanoi, French, 11/12 2040. Talk by OM, instrumental music. 25542.
- 9819.2 BRAZIL: Radio Nove de Julho, São Paulo, 11/12 2020. Talk about health conditions. 45554.
- 9855.0 MADAGASCAR: NHK World Radio Japan, via Talata-Volonondry, French, 11/12 2035. Talk by OM, Japanese style instrumental music. 35553.
- 9875.0 NORTH KOREA: Voice of Korea (KCBS), Kujang, Korean, 11/12 2030. Music by piano, song by YL. 35543.
- 9975.0 THAILAND: Voice of America, via Udon Thani, Korean, 11/12 2025. Song in Korean language, talk by YL. 25552.
- 11650.0 MADAGASCAR: Radio Tamazuj, via Talata-Volonondry, Arabic/English, 12/12 0355. Talk by male and female voices. ‘Sudan...’. 35543.
- 11680.0 ZAMBIA: Voice of Hope Africa, Luzaka, English, 12/12 0400. Instrumental music, Christmas song, ‘Voice of Hope...’. 35543.
- 13795.0 INDIA: All India Radio, Bangalore, Chinese, 12/12 0045. Talk by OM, a Indian style song. 35543.
- 15110.0 NORTHERN MARIANA ISL.: Radio Free Asia, via Tinian, Burmese, 12/12 0105. Talk in Burmese by OM. 35543.
- 15250.0 TAIWAN: Radio Free Asia, via Paochung, Burmese, 12/12 0110. Talk by male voice (in Burmese language). 35433.
- 15560.0 PHILIPPINES: FEBC, Bocaue, Javanese, 12/12 0115. Talk by male voice, a Christian song. 35443.
- 17820.0 GUAM: KSDA Adventist World Radio, via Agat, Chinese, 12/12 0045. Message, id. 35553.
- 21630.0 UAE: BBC, via Al-Dhabbiya, Hausa, 23/12 1415. Talk, repórter via phone-in. 35543.

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-Window, 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.

RL : Richard Lemke, St. Albert, Alberta, Canada. JRC NRD-535 HF with random long wires in trees.

SG : Siegbert Gerhard, Frankfurt, Germany. AOR AR 7030 + 5m EMF antenna, Sangean 818 ACS & Degen DE 1103 both with Telescopic ant.

Dear Friends,

We have a full Logbook in this first month of new year 2022.

Thanks to our regular contributors for making this happen,

Ashok Kumar Bose

	<h2>QSL CORNER</h2> <p>Editor: Dario Gabrielli, Viale della Resistenza 33b, 30031 Dolo (Ve), ITALY eMail: <qsl@wwdxc.de></p>	
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Armenia: AWR Asia,Bangkok 9490 kHz via Gavar, English programme, E-QSL received in 3 days, for report to <qsl@awr.org>, answer came in via <jubilant@awr.org> (HS)

Trans World Radio Cary, NC, USA 1377 kHz via Gavar, Farsi programme, E-QSL received in 7 days for report to <kdobos@twr.org> (HS)

Bulgaria: Radio Taiwan International 5900 kHz via Kostinbrod (Bulgaria). German programme. Full data colour QSL in English (2021-12 Hayashi Department Store, Tainan City) received in 12 days (6 days for air mail delivery) for report to <deutsch@rti.org.tw> (HB)



Czech Republic: CRo Dvojka via Radio Prague Int. 639 kHz tx div u.a.Ostrava-Svinov, Czech programme, QSL received in 49 days, for letter-report to R.Prague Int., German Section, Vinohradska 12, CZ-12099 Praha, Czech Republic (HS)

CRo Dvojka via Radio Prague Int. 639 kHz tx div u.a.Ostrava-Svinov, Czech programme, QSL received in 49 days, for letter-report to: R.Prague Int., German Section, Vinohradska 12, CZ-12099 Praha, Czech Republic (HS)

Ecuador: HCJB-Quito 6050 kHz tx Quito, Spanish programme, E-QSL received in 11 days, for E-Mail report to: <andenstimme@gmail.com> (HS)

Eswatini (ex Swaziland): TWR-Africa,Manzini 9940 kHz via Manzini, French programme. E-QSL received in 23 days for report to <lorrainestav@gmail.com> / VS: Miss Lorraine Stavropoulos (HS)

France: Bretagne 5, Quessoy 593 kHz via Saint-Gouéno, French programme, QSL received in 445 days for report to <contactradio@bretagne5.fr> within sticker and Info-Folder / heard in Döbriach-DX-Camp 2020 (HS)

Germany: AWR Asia,Bangkok 15670 kHz via Nauen, English programme, e-QSL received in 2 days for report sent <qsl@awr.org> / answer came in via <jubilant@awr.org> (HS)

Europa24 6150 kHz, German/English programme. e-QSL received in 2 days for report to: <radioeuropa24@gmx.de> (HS)

Radio DARC 6070 kHz via Channel 292. QSL received in 1095 days for report sent to: <radio@darcd.de> (BH)

Radio Eule 1500 kHz via Munich, German programme, QSL received in 7 days and e-QSL received 4 (!) minutes later for report sent to <l.allendorf-hoefer@deutsches-museum.de>, QSL-card received from address: Deutsches Museum von Meisterwerken der Naturwissenschaft und Technik (AdöR), Museumsinsel 1, D-80538 München. Heard via WEBSDR Vorarlberg (Austria) (HS)

Shortwaveradio 3975 kHz via Winsen, German programme. QSL received after Reminder in 705 days for report to Shortwave Radio, Dr. Christian Senne, Hagebuttenweg 7, D-61239 Ober-Mörlen (HS)

Shortwaveradio 6160 kHz via Winsen, German programme. QSL received in 95 days for report to Shortwave Radio, Dr. Christian Senne, Hagebuttenweg 7, D-61239 Ober-Mörlen (HS)

Germany/Czech Republic: Radio Prague 6005 kHz via Kall (Germany). German programme. Full data colour QSL in English ("Made in the Czech Republic: Sugar cubes invented in Dacice in 1843 by Jakub Krystof Rad"), greeting card, bookmark. Received in 34 days (4 days for land delivery, but "prioritaire") for e-mail report to German service <deutsch@radio.cz> (HB)

Guam: KTWR-Asia 9975 kHz via Merizo, Vietnamese programme. e-QSL and Broadcasting Schedule received in 12 days for report to <asiafeedback@twr.org>, V/S: Miss Linda Alvord (HS)

Lithuania: USAGM RFE, Praha 1386 kHz via Viesintos (Radio Baltic Waves), Russian programme, e-QSL received in 20 days for report to <poulikova@usagm.gov> (HS)

Malaysia: RTM-Kajang, Sarawak 9835 kHz via Kajang, Malay programme, e-QSL received after reminder in 1475 days for report to <pnk_rtmkajang@rtm.gov.my> (HS)

RTM-Kajang, Sarawak 9835 kHz via Kajang, Malay programme. e-QSL received after Reminder in 225 days for report to <pnk_rtmkajang@rtm.gov.my> (HS)

RTM-Kajang, Sarawak 11665 kHz via Kajang, English programme. e-QSL received in 100 days for report to <pnk_rtmkajang@rtm.gov.my> (HS)

Netherlands: Radio Piepzender 6185 kHz via Zwolle, Dutch/English programme. e-QSL and some transmitter Fotos received in 20 days for report to <radioqsl@hotmail.com> (HS)

Radio Delta 6020 kHz via Elburg, Dutch/German programme. e-QSL received in 30 minutes for report to <info@radiodelta.am> (HS)



Radio Scotland International Full data e-QSL received in one day for report in English, .mp3 audio clip, and .jpg waterfall screen shot sent to: <radioscotland@hotmail.com> (TC)

New Zealand: RNZ Pacific via Rangitaiki 11725 kHz. Detailed e-QSL received in 7 days from Adrian Sainsbury (Frequency Manager) for report via website at: <https://www.rnz.co.nz/international/qsl/new>. (HB)

Romania: Radio City via IRRS Milano 9510 kHz tx Saftica, English programme, e-QSL and Oldtimer car Foto received in 10 minutes for report to <citymorecars@yahoo.ca> (HS)

Radio Romania International 11880 kHz. German programme. Full data colour QSL in English ("Union Square Oradea") received in 118 days (11 days postal delivery) for report in German to <germ@rri.ro> (HB)

São Tomé: DW-Bonn 9830 kHz via Pinheira, Haussa programme, QSL received after reminder in 800 days for E-Mail report to <info@dw.com> and <tb@dw.com> (HS)

DW-Bonn 9830 kHz via Pinheira, Haussa programme, QSL received after reminder in 520 days for E-Mail report to <info@dw.com> and <tb@dw.com> (HS)

DW-Bonn 11850 kHz via Pinheira, Haussa programme, QSL received after reminder in 142 days for E-Mail report to <info@dw.com> and <tb@dw.com> (HS)

Sweden: Radio Nord Revival, Svartsjö 6035 kHz via Julita-Stockholm, Swedish programme. QSL received in 35 days for report to postal adress including an IRC: Radio Nord Revival, Ronny Forslund, Vita Huset, S-17995 Svartsjö / heard in Helsingör/DNK (HS)

Thailand: USAGM Radio Liberty, Bangkok 17880 kHz via Udon Thani, Pashtu programme. QSL received in 380 days for, report send to: <manager_thailand@tha.ibb.gov> (HS)

Turkey: TRT VoTurkey, Ankara 17770 kHz via Emirler. Arabic programme, QSL received in 73 days for report sent to: TRT VoTurkey, Box 333,06-443 Yenisehir, Ankara (HS)

United Arab Emirates: TWR-Africa,Manzini 17680 kHz via Abu Dhabi-Al Dhabiyya. Afars program. e-QSL received in 86 days for report to <lorrainestav@gmail.com> / VS: Miss Lorraine Stavropoulos (HS)

United Kingdom/Great Britain: KBS-R. Korea, Seoul 3955 kHz via Woofferton, German programme. QSL received after reminder in 498 days for report sent to: KBS World-Radio Korea, Seoul, German Department, Yeouido-dong 18, Yeongdeungpo-gu, 150-790 Seoul (HS)

KBS-R. Korea, Seoul 3955 kHz via Woofferton, German programme, QSL received after reminder in 408 days for report sent to: KBS World-Radio Korea, Seoul, German Department, Yeouido-dong 18, Yeongdeungpo-gu, 150-790 Seoul (HS)


KBS-R. Korea, Seoul 3955 kHz va Woofferton. German programme, QSL received in 52 days for report sent to: KBS World-Radio Korea, Seoul, German Department, Yeouido-dong 18, Yeongdeungpo-gu, 150-790 Seoul (HS)

USA: KBS-R. Korea, Seoul 11880 kHz via Greenville. Spanish programme, QSL received via USAGM-Transmitter station Greenville in 152 days for report sent to: <mdail@bbg.gov> / VS: Mr. Macon M.Dail (HS)

PANAMBC R. Africa, Pleasanton 21525 kHz via Okeechobee, English programme, e-QSL received in 6 days for report sent to: <INFO@panambc.com> (HS)

Radio Jingle Bells via WRMI 5950 kHz. Substitute e-QSL from Texas Radio Shortwave received in 25 days for report in English, .mp3 audio clip, and .jpg waterfall screen shot sent to: <texasradiosw@gmail.com> (TC)

Texas Radio Shortwave
Radio Jingle Bells Relay
Substitute eQSL



November 14, 2021 - 0100 UTC - WRMI - 5950 kHz
 Listener: Terry Colgan
 Location: Austin, TX USA

TEXAS RADIO SHORTWAVE

Dedicated to Werner Schauerermann, aka Dr. Tim, Radio Jingle Bells. A radio pirate's pirate. 1949-2021. RIP.
 We all knew him as Doctor Tim and no matter where he appeared, the atmosphere was good, especially at 45 and 70 meters. He did a lot and everyone who knows the scene knows what kind of veteran he was. - Radio Dr. Tim website

Uzbekistan: NHK/R. Japan 6155 kHz via Tashkent, Hindi programme, QSL received in 284 days for report sent to: NHK World, 2-2-1 Jinnan, Shibuya-ku, Tokyo 150-8001 (HS)

The reporters of this edition of QSL CORNER have been:

- HS** = Harald Suess, Strasshof, Austria
- BH** = Bernd Henning, Stipsdorf, Germany
- BS** = Bernd Seiser, Ottenau, Germany
- HB** = Hansjoerg Biener, Nuremberg, Germany
- SG** = Siegberd Gerhard, Frankfurt am Main, Germany
- TC** = Terry Colgan, Austin, Texas, U.S.A,

It is with great pleasure that this month also I was able to insert this page in the magazine. Many thanks to all contributors who participated and I hope that you have started the new year in excellent health.

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

RADIO FREE ASIA ANNOUNCES 25 YEAR JOURNEY QSL

Radio Free Asia (RFA) announces its latest QSL card commemorating our 25-year journey. Following our 25th anniversary in September 2021, RFA is introducing to the world a whole new look by a new, refreshed logo and website. The logo's redesign captures the essence of RFA's commitment to document, to hold accountable, and to amplify. The quote motif encapsulates our fundamental mission to provide a voice and bring facts to those in Asia's most closed societies. The new website offers an improved showcase for RFA's immersive visual storytelling, and its revamped page structure and simpler navigation are designed to be more inviting for readers. In the coming months, RFA's language services will be similarly refreshed, giving visitors a better, more engaging experience. This is RFA's 78th QSL card and used to **confirm all valid RFA reception reports from January to April 2022.**

2021 - How it's going-



2006 – 2021 Along the way-



1996 – 2006 How it started-



Created by Congress in 1994 and incorporated in 1996, Radio Free Asia (RFA) broadcasts in Burmese, Cantonese, Khmer, Korean to North Korea, Lao, Mandarin (including the Wu dialect), Vietnamese, Tibetan (Uke, Amdo, and Kham) and Uyghur. RFA strives for accuracy, balance, and fairness in its editorial content. As a 'surrogate' broadcaster, RFA provides news and commentary specific to each of its target countries, acting as the free press these countries lack. RFA broadcasts only in local languages and dialects, and most of its broadcasts comprise news of specific local interest. More information about Radio Free Asia, including our current broadcast frequency schedule, is available at www.rfa.org. RFA encourages listeners to submit reception reports. Reception reports are valuable to RFA as they help to evaluate the signal strength and quality of the transmissions. RFA confirms all accurate reception reports by mailing a detailed QSL card to the listener. RFA welcomes all reception report submissions at <http://techweb.rfa.org> (follow the QSL REPORTS link) not only from DX'ers, but also from its general listening audience. Upon request, RFA will also send a copy of the current broadcast schedule and a station sticker. Reception reports are also accepted by email to <qsl@rfa.org> and by mail to:

Reception Reports
Radio Free Asia
2025 M. Street NW, Suite 300
Washington D. C. 20036
United States of America



RFA
via
Siegbert Gerhard,
Frankfurt am Main

“Secret” Frequencies for SDR Fun Worldwide Broadcast and Utility Radio Stations

Up-to-date frequencies, schedules and digital data codes for 2022!

The screenshot shows the fdigi ver4.1.00 software interface. The main window displays NAVAREA - 0356 - 09/10/2021 and BUENOS AIRES PREFECTURA NAVAL RADIO information. A smaller window titled 'The 2021 Super Frequency List' is open, showing a table of frequencies. The bottom part of the interface shows a spectrum display with various frequency bands and a control panel.

Freq.	Call sign	Station	Country	Modulation	Details
4206.5	FOHXM	Sailmail R, Menihi Atoll	PLY	DIG	FACTOR-4
4207.5	worldwide	DSC distress and safety f.		DIG	
4208.0		ship stations		DIG	OSX 4219.5 kHz (S&E)
4209.5	worldwide	NBDPT NAVTEX frequency		DIG	
4209.5	LGS	Svalbard R, Spitsbergen	NOR	DIG	SITOR
4209.5	L2C	ACG Buenos Aires	ARG	DIG	SITOR
4209.5	SUZ	Serapeum R	EGY	DIG	SITOR
4209.5	SVH	Iraklion R	GRC	DIG	SITOR

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