

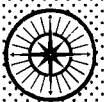
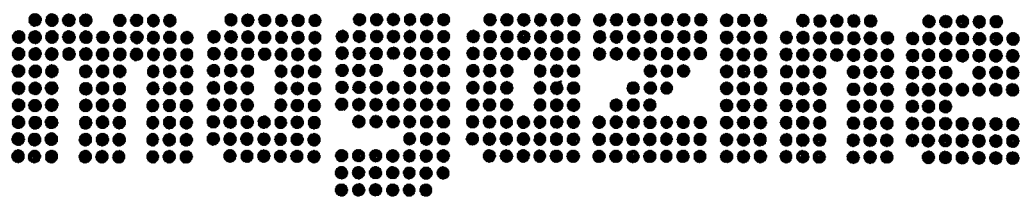
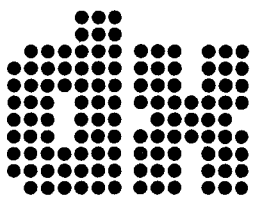
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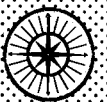
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WORLD WIDE DX CLUB



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

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

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



eQSL card from BBC World Service received by Siegbert Gerhard, Germany

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DX MAGAZINE No. 8/9 ■ Vol. LX ■ August/September 2025

Hello again,

Welcome to the annual summer double issue of our DX MAGAZINE. Like in the past years you will find our normal monthly sections, some articles, and our annual "List of Members". Please notice that our "List of Members" is only sent to our members - not to non-members, radio stations or other clubs. I have also included the latest editions of Wolfgang Bueschel's list "SWL / Media Programs in English, German & Spanish" and Walter Eibl's "Schedules of Broadcasts in German - Hörfahrplan Deutsch". I hope that you will enjoy this double edition and wish you a nice and sunny late summer.

Please remember that we still need a new NEWS EDITOR as soon as possible. If you are able and interested to become our new NEWS EDITOR, please do not hesitate to contact me. I shall support our new NEWS EDITOR with all news material we get from our members, from other DX clubs and from radio stations.

Unfortunately, the contributions of our members to the DX News section have been very rare in the last months and we had only few contributions to our News, Logbook and QSL sections. Therefore, if you have any News, Logs or QSL information, please do not hesitate to send it to me or to the other editors on page 2 of this DX MAGAZINE.

On our download web page <<http://download.wwdx.de>> you will also find the latest 2025 **Texas Radio Shortwave** (TRSW) schedules (see also GERMANY in our NEWS section).

And with this best wishes and good DX until October from

NEWS ABOUT BROADCASTING (+other) STATIONS

ALGERIA: 13640 kHz Ifriky FM, via Bechar site, Arabic, on 28 July at 1924 UT. Talk by a male voice, an Arabic song 35333. Target Area is Central Africa.
(Rudolf Grimm-SP-BRA, hcdx July 29)

ARMENIA: As is known, the Public Radio of Armenia (ORA) stopped broadcasting its Foreign Service in 6 languages on the 1395 kHz CB frequency in September 2024. One of the programs was the program for Azerbaijan "Voice of Free Talyshstan/Ozod Tolisstoni Sado" in the Talysh language. The program continues to be posted twice a week on YouTube and Facebook: <<https://www.youtube.com/@tolishstonisado>>

The studio and headquarters of the organization are probably in Armenia. The remaining five programs (Kurdish, Yezidi, Persian, Turkish, Azerbaijani) and one new, or rather, renewed Georgian, were added to the three that existed previously (Assyrian, Greek, Arabic) and, together with the Russian program, now make up the international radio broadcasting of Armenia in 10 languages through the so-called voice files on

<<https://www.news.am/rus/news/36074.html>>

The programs in the files begin with the old call signs of Armenian radio, and each program is posted for listening on its own language page of the ORA website, which can also be accessed from the English page, where it is clear that the broadcaster has difficulty indicating the status of its broadcasting in 10 languages. Now on this page it is positioned as "Programs in other languages" - <<https://en.armradio.am/foreignbroadcasting/>>, although in April the page looked

like this: <<https://web.archive.org/web/20250131191252/https://en.armradio.am/foreignbroadcasting/>>, and there was "Foreign broadcasting service for the Middle East and neighboring countries", that is, the Russian program was assigned to the foreign service, although it continues to be broadcast at 17.00 UTC on the domestic broadcasting channel.

Broadcasting by "voice files" was on the ORA foreign service before 2016 - in Russian since about 2000, in English, German, French, Spanish - since autumn 2006 and was posted on the ORA international broadcasting website (archive page <<https://web.archive.org/web/20130127033003/http://www.armradio.info/rus/>>).

The currently posted audio files of the programs in 10 languages are available not only for current, but also for archive listening, although there is no official audio archive on the OPA website. You just need to replace the date in the copied URL link of the audio file of the current day and listen in the browser or on an external player.

Programs are available in Russian since December 16, 2024, that is, from the day when the files began to be posted on the site again. Since October 17, 2020, files only in Russian have not been posted, probably due to the results of the 44-day war, and even now they are posted irregularly. The beginning of international radio broadcasting of Armenia in Russian - July 1991. On the three language pages of the Armenian TV channel "1 lurer" (First News) website <https://www.1lurer.am/ru/category/Public_> "News in 60 seconds" videos are posted daily except Sunday at 17:00 UTC in Armenian, Russian and English. They are also available on You Tube and F_Book. The channel has been operating since June 9, 2021, around the clock in Armenian.

On the website <<https://hayk.media/>> 15-20 minute videos "News of Armenia and the Diaspora" in Russian (previously called "News of Armenia and Artsakh") prepared by the information service of the Hayk media group are posted from Monday to Friday. The media group, representing the Armenian Diaspora, is registered in Russia, but covers events from the position of Armenia for the Armenian Diaspora around the world. Video materials are also available on YouTube at <<https://www.youtube.com/@Haykmedia>>. The site has been operating since 2017.

(Vladimir, Rybinsk-RUS, Yaroslavskaya oblast; via RUSdx #1351 via wwdxc BC-DX TopNews July 20)

In 2025, the shortwave and mediumwave transmitter in Noratus on the shores of Lake Sevan will be 60 years old. The Armenian site is probably quite unique in terms of the number of preserved transmission systems.

Transmitters from the 1960s are still in operation here, as well as more modern successors. Following the commissioning of a TRAM transmitter (ex Europe 1) on 1377 kHz brought over from Germany, the Soviet tube giant Borey RV-601 was to be dismantled.

However, the management did not have the heart to order the dismantling of the legende. The transmitter is to be preserved as a museum piece. The Condor shortwave transmitter was restored in June 2025 after 13 years of radio silence within 10 days. The 2 MW transmitter was the last sojetic project for high-power transmitters on shortwave. A ten-minute video with music has been available since July at <https://vk.com/wall-158109176_3957>

(RusDX / wor via Dr. Hansjoerg Biener-D, via wwdxc BC-DX TopNews July 12)

ASCENSION ISLAND: 21660 kHz Sun, Aug 17, at 1700-1713 UT, 'Follow The Bible Ministries' via ENC Ascension Island-ASC relay site, in Swahili. 1700 UT even Open carrier and a brief talking by man and woman; 1701 UT Begins a preaching about The Bible with the usual presenter, full time. Good reception: 45544.

15490 kHz Sun, Aug 17, at 1803-1815 UT, BBC London, Ascension Island-ASC, in French. Men announcers present BBCNews, w/ African external reporters collaborators, men and women; News about football too; ID: BBC Afrique. Good reception: 45544.

(Jose Ronaldo Xavier, Cabedelo-PB-BRA, hcdx Aug 17)

AZERBAIJAN: International Radio of Azerbaijan.

Azerbaijan International Radio first went on air on 20 July 1941. Throughout its history, it has been known under various names. Very long-serving shortwave fans will remember that a 'Rado Dada Gorgud' also had broadcasts in German in 1994-1999. According to the recollections of the reporter, however, the reception was not easy. In more recent times, the focus was on digitising and reworking the programmes.

According to <<https://internationalradio.az/en/about-us>>, offers Azerbaijani four times a day, Turkish twice a day, Russian six times a day, English five times a day, French five times a day, Persian twice a day, Arabic twice a day, Armenian five times a day, Georgian twice a day on Mondays, Wednesdays and Fridays, programmes for ethnic minorities such as Lesgi twice a day on Mondays and Wednesdays, Talysh and Kurdish twice a day on Tuesdays and Thursdays.

The programmes include news and other current topics, interviews and cultural programmes. From March 2025, newly conceived programmes on historical, cultural, diplomatic and national spiritual topics should further enrich the offering. The stream at <<https://internationalradio.az/en>> worked during the research.

In December 2024, the International Radio of Azerbaijan launched live streaming on YouTube. The live broadcasts take place 5 days a week, 13.00-14.30 and 17.00-18.00. "The programmes cover current socio-political issues, Azerbaijan's foreign policy, state building in Karabakh [under Armenian occupation until 2023, HJB], the 'Great Return' project, facts and reactions to Azerbaijan's information war and lively discussions about our culture. As Azerbaijan is considered a multicultural and tolerant country, special attention is paid to this area."

(Dr Hansjoerg Biener-D, wwdxc BC-DX TopNews July 12)

AUSTRALIA: Greg Teague is the new frequency manager of '**Reach Beyond Australia**'. Reception reports to the shortwave station in Kununurra (North-Western Australia) will now be answered by Vickie Teague <radio@reachbeyond.org.au>. The current A25 broadcasting schedule of Reach Beyond Australia can be found at: <<https://www.reachbeyond.org.au/wp-content/uploads/A25-Language-Edition.pdf>>

(Dr Hansjoerg Biener-D, via wwdxc BC-DX TopNews July 12 & Bernd Seiser-D, August 16)

11870 kHz **Reach Beyond Australia**, Kununurra, 15 July. Closing announcement at 1529 UT in English at what was the at end of the Burmese programme, Kookaburra call and then off. Weak/clear.

(Tony Rogers-Birmingham-UK; NASWA Electronic Flashsheet #1213 July 20)

11900* kHz **Reach Beyond Australia**, Kununurra, at 1300 UT on 19 July. Hindi Light music until top of hour Brief announcement followed by Indian sounding. Music. Fair.

(Tony Pavick-BC-CAN, via NASWA Electronic Flashsheet #1213 July 20)

*11899.952 kHz odd fqy of **Reach Beyond Australia**, Kununurra, start pause ID at 12.26 UT, then Indian subcontinent target progr from 12.30-14.00 UT, S=9+20dB into Tokyo JP remotely on Saturday Aug 2.

15459.992 kHz **Reach Beyond Australia**, Kununurra in Hindi and other subcontinental target religious programs. 12-14 UT daily, S=9+30dB in Tokyo-JP remotely on Perseus SDR unit, Aug 2nd.

[selected SDR options, span 12.5 kHz RBW 15.3 Hertz]

(wb df5sx, wwdxc BC-DX TopNews Aug 2)

BOLIVIA: 3310 kHz on July 16 at 0055 UT. **Radio Mosoj Chasqui**, Cotapachi, Quechua languages, comments, flute.

(Manuel Méndez-ESP via SWB Sweden pdf file of July 20)

1500 kHz **Radio Tawantinsuyo**, La Paz, Spanish, 17 July, at 0039 UT. Bolivian typical songs 24442. QRM from 1500 kHz Radio Jacupe, Riachao do Jacupe, Bahia. According to Marcio Molossi, Xavantina, Santa Catarina, the signal from this station was also arriving there, strong, at the same time.

(Rudolf Grimm-Sao Bernardo-SP-BRA, hcdx July 21)

1560 kHz **Radio Luz del Mundo**, La Paz, 17 July at 0123 UT. A religious program, information on how to better maintain health, and the best use of certain foods 'Radio Luz del Mundo' 25332. Better in LSB.

(Rudolf Grimm-Sao Bernardo-SP-BRA, hcdx July 21)

BRAZIL: 11780 kHz UT Tue Aug 5 at 0149 UT, I luck out on a day the token English is not run over by sports, which seemed to precede it with excessive enthusiasm. Unfortunately I'm listening via the "local" SDR in "Brasilia" which hardly gets a local-quality signal, only S3/S7, so I can't fully understand everything. YL voice is talking about Dominican Republic musical influences on Brasil, mentions sertanejo with snippet examples.

0154 UT it's over already, outro English, ID as **Radio Nacional Brasil International Service**, switch to Spanish, YL voice but Brazilian accent, same subject, mentions cumbia, bolero, bachata. 0159 UT RNA Portuguese s/off, then IDs for MW and FM frequencies in Rio.

(Glenn Hauser-OK-USA, wor & hcdx Aug 5)

5035 kHz (5 kW) ZYF272 **Radio Educacao Rural de Coari** or Radio Coari-Coari AM. 5.000 Watts.

<<http://radiocoariamot.blogspot.com.br>>

5035 kHz, R. Educacao Rural de Coari, Brasil; 29 July, 1020-1026 UT OM Portuguese messages from the listeners "... Bozo precisa falar urgente com voce ... estara te esperando para falar com ... atencao rapaziada do rio Urucu ... bom dia bom dia ...", 1006 UT off, 1017 UT carrier with inaud. / off modulation, from 1020 UT audible modulation, S7 weak.

30 July, 1008-1018 UT, mx, OM Port ID annmt. S7/S9 weak, 1015-1018 UT almost inaudible modulation.

31 July, 1017-1021 UT, OM Port on mx. S=9/+10dB. <<https://on.soundcloud.com/hsHVdlvC0NV6pHXwes>>

01 Aug, 1004-1014 UT, OM Port, local mx " ...esta e a Radio Educacao Rural de Coari ...", hope and optimism mx. S9/+10dB.

5034.30 kHz, 02 Aug, 1008-1030 UT, fourth monitored Saturday with freq. on 5034 kHz, carrier with no audible modulation / off.

03 Aug at 1005 UT, 1014-1029 off (LOB).
(Lucio Otavio Bobrowiec, Embu-SP-BRA, hcdx Aug 3)

15190 (5 kW) ZYE522 **Radio Inconfidencia**, Belo Horizonte MG, <<http://www.inconfidencia.com.br>> noted on Sunday July 20 at 22.20 UT on exact 15189.844 kHz.
Not bad signal also at 22.30 UT in remoted LU8MIL SDR at Mendoza ARG <<http://lu8mil.ddns.net:8073/>>
[selected SDR options, span 12.5 kHz RBW 15.3 Hertz]
(wb df5sx, wwdxc BC-DX TopNews July 20)

5940,30 kHz **Radio Voz Missionaria**, Camboriu SC on 29 July at 1503 UT 45554.

6010,00 kHz **Radio Inconfidencia**, Belo Horizonte MG. No carrier/signal for the last four weeks.

6180,03 kHz **Radio Nacional da Amazonia**, Brasilia DF on 28 July at 2012 UT 45544.

9664,97 kHz **Radio Voz Missionaria**, Camboriu SC on 29 July at 1506UT 45554

9818,52 kHz **Radio Nove de Julho**, Sao Paulo SP 29 July at 1513 UT 45554.

11754,11 kHz **Radio Voz Missionaria**, Camboriu SC 29 July at 1518 UT 15321

11780,08 kHz **Radio Nacional da Amazonia**, Brasilia DF on 29 July at 1522 UT 45554.

15189,83 kHz **Radio Inconfidencia**, Belo Horizonte MG on 29 July at 1540 UT 25432.
(Jose Ronaldo Xavier-Cabedelo-PB-BRA, hcdx July 29)

1490 kHz **Radio Difusora**, Olimpia SP, 16 July, at 2152 UT. Relaying Radio Bandeirantes, Sao Paulo, sport News, 'Campeonato Brasileiro, Sport Clube Ceara x Sport Clube Corinthians' 34543 QRM from Radio Imaculada, Sao Bernardo (with na extreme poor signal).

1500 kHz **Radio Aparecida do Sul**, Illicinea MG, 16 July at 2138 UT. Brazilian song ('sertanejo' style), irmaos. Divino 35443.
(Rudolf Grimm-Sao Bernardo-SP-BRA, hcdx July 21)

BULGARIA {CANADA / CHINA / GERMANY} : To avoid China NR1 on 9810 kHz, Bible Voice Broadcasting is now on 9585kHz, Friday August 1st at 17.00-17.15 UT, prgr 'Seed of Abraham', Sat 17.00-18.30 UT Seed & Call from Cannian, the People's g Hour, Call to Worship, Sun 17.30-19.15 UT. All after test broadcasts in June on 7300 and 9585 kHz. Maybe from Sofia site already ?
(Rumen Pankov-BUL, via wwdxc BC-DX TopNews Aug 3)

CHILE: 1560.5 kHz **Radio Manantial**, Talagante, Spanish, 17 July at 0142 UT. A song with a female voice Checking the station's streaming service, it was confirmed to be Radio Manantial, featuring a song with the same female voice, the same language, the same orchestration, and the same rhythm 15421. Better in USB.
(Rudolf Grimm-Sao Bernardo-SP-BRA, hcdx July 21)

CHINA: Schedule of China Radio International A25, valid until 26 Oct. 2025:

| | | |
|-----------|------------|---|
| 0000-0057 | Cantonese | 17490bei, 11820xia |
| | Chinese | 17690xia, 13655xia, 13580bei, 11975kun, 11900bei, 11780jin, 9880kun |
| | English | 17740xia, 15125bei, 13750bei, 11865xia, 9700kas, 7350kas, 6180kas, 6075kas |
| | Hakka | 17540bei, 9610kun, 9550kun, 9460kun |
| | Khmer | 11990nnn, 9765nnn, 684dof |
| | Mongolian | 11875bei, 9470xia |
| | Portuguese | 17880bei, 9710kas |
| | Spanish | 5990qvc |
| | Vietnamese | 13770xia, 11770bei, 603dof |
| 0100-0157 | Amoy | 17540bei, 17490bei, 15425xia, 11980kun, 11945kun, 9610kun, 9550kun, 9460kun |
| | Chinese | 17690xia, 13580bei, 11770nnn, 11650uru, 9655nnn, 9560kas |
| | English | 17740xia, 17640kas, 15125bei, 13640kas, 11770kas, 9580qvc, 9535kas, 6180kas |
| | Russian | 13600xia, 5990kas |
| | Urdu | 9695kas, 7240kas |
| 0100-0257 | Chinese | 15160jin, 13655xia |
| | Spanish | 13740kas, 11830kas |

0130-0227 Nepalese 13780kun, 11860kun
 0200-0227 Pashto 15435xia, 11870kas, 9765kas
 0200-0257 Amoy 17490bei, 15425xia
 Bengali 11640kun, 9655kun
 Chinese 17840bei, 11880kas, 9825uru, 9580qvc
 English 13640kas, 11770kas
 Russian 17640xia, 6180kas
 Spanish 9710kas, 9595kas
 Tamil 17655kas, 13600kas
 Urdu 11650kas, 9450kas
 0230-0327 Nepalese 13780kun, 11730kun
 0300-0357 Chinese 17540bei, 15230xia, 15160jin, 11740bei, 9450kas
 English 17840bei, 15785xia, 15110kas, 13590bei, 12000kas, 9790qvc
 Hindi 17655kas, 15350kas, 13720kas, 11640kas
 Russian 17640xia, 15435uru, 6180kas
 Tamil 13730kun, 13600kas
 0400-0457 Cantonese 15230xia, 15160jin, 9790qvc
 Chinese 15110kas, 13640kas, 11740bei
 English 17855bei, 17840bei, 17730xia, 15785xia, 13590bei
 Hakka 17710bei, 17540kas, 17510xia, 15350kas
 Russian 17640xia, 15665uru, 15445kas, 6180kas
 Vietnamese 17740xia, 11650kun, 684dof, 603dof
 0500-0557 Cantonese 15230xia, 15160jin
 Chinese 17840bei, 15785xia, 15110kas, 11740bei
 English 17855bei, 17730xia, 17540kas, 17510kas, 15465kas, 15350kas, 11895kas
 Russian 15665uru, 15445kas
 Vietnamese 17740xia, 11650kun, 684dof, 603dof
 0500-0657 Arabic 17485kas
 German 17720kas, 17615uru
 0600-0657 Chinese 17840bei, 17740xia, 17650kas, 17615kun, 15785xia, 15230xia, 15160jin, 11710nnn
 English 17710bei, 17540kas, 17510kas, 15465kas, 15350kas, 15145kas, 13645xia
 11925nnn, 11895kas, 11870kas
 Italian 17520kas
 0600-0757 French 17865kas
 Spanish 17680kas
 0700-0757 Cantonese 15230xia, 11640jin
 Chaozhou 17750xia, 15145xia
 Chinese 17840kas, 17740xia, 17650kas, 17615kun, 11875nnn, 11710nnn
 English 17710bei, 13660xia
 0700-0857 English 17670kas, 17540kas, 17490kas, 15465kas, 15350kas, 11895kas
 0800-0857 Chinese 17840kas, 17650kas, 17560xia, 15560xia, 15230xia, 11640jin, 9880bei
 English 11710xia
 0800-0957 Russian 15665uru, 15335kas
 0830-0927 Indonesian 17735kun, 15135kun
 0900-0957 Chinese 17560xia, 15560xia, 13730kun, 13570xia, 12005kun, 9880bei, 7430jin
 11895nnn (Voice of the South China Sea - VSCS)
 English 17750kas, 17650kas, 17570uru, 17490kas, 15350kas, 13800kun, 11905jin,
 11710xia
 Romanian 17620kas
 0900-1057 Chinese 17840kas, 17530xia, 15525uru, 15250kun, 13850bei, 11980kun, 9880bei, 9460nnn
 0930-1027 Malay 17680kun, 15135kun
 1000-1057 Cantonese 12005kun, 11875kun
 Chinese 17650kas, 9890xia, 9820bei
 English 17750kas, 17490kas, 15350kas, 15260xia, 13720xia, 13590bei, 13580kun,
 11905jin, 11895xia, 11635bei
 Hungarian 17570kas, 15220kas
 Russian 11935szg, 9725huh, 7390huh, 1323uru, 1116, 963huh
 1000-1257 Japanese 11620xia, 7325jin, 1044fr1100 Cah
 1030-1127 Indonesian 17605kun, 15135kun
 Khmer 15160nnn, 9490kun, 684dof
 1100-1157 Bulgarian 15180kas
 Burmese 9880xuw, 1188kun
 Cantonese 9645bei, 9590kun, 9570kun, 9540bei, 7370nnn, 603dof
 Chaozhou 11875kun, 9440kun
 Chinese 17650kas, 13755kas, 13610kas, 11750bei, 9610kun, 7435bei
 Czech 17570kas, 15225kas
 English 13720xia, 13590bei, 11795kas, 1269yun
 Esperanto 15110uru, 13650uru
 Mongolian 11985uru, 7390huh
 Russian 13860bei, 11935szg, 9725huh, 1521uru, 1323hei, 963hdn

| | | |
|-----------|------------|---|
| | Vietnamese | 17530xia, 11720bji, 9550bei, 1296kun |
| 1100-1257 | English | 17490kas, 15660kas, 11650uru, 9500kas, 5955bei |
| | Korean | 15260xia, 1323hdn, 1017cah |
| 1130-1157 | Filipino | 12070nnn, 11955xuw, 7410nnn, 5985bei, 1341hdu |
| 1130-1227 | Thai | 9785kun, 7360xuw, 1080xuw |
| 1200-1227 | Filipino | 17510nnn, 11955kun (Voice of the South China Sea - VSCS) |
| 1200-1257 | Amoy | 11910bei |
| | Cantonese | 9570qvc(-1250) |
| | Chinese | 17650kas, 15110uru, 13755kas, 13610kas, 7435bei |
| | English | 15590uru, 15555xia, 11980kun, 11760kun, 9760kun, 9730kun, 9645bei, 9600kun, 9460kas, 1341hdu, 1269yun, 1188kun, 684dof |
| | Khmer | 11680nnn, 9440kun |
| | Mongolian | 6050huh, 5990huh, 1323uru, 100.9ula, 103.7Darkhan |
| | Russian | 15335szg, 13600xia, 13575uru, 11935szg, 7230kas, 6100bei, 1323hei, 963hdn |
| | Serbian | 15180kas |
| | Vietnamese | 11720bji, 9550bei, 1296kun |
| | | 11640xia (Voice of the South China Sea - VSCS) |
| 1200-1400 | Chinese | 13810kas, 11790kas - news radio |
| | Chinese | 9855bei, 9540kun, 7440nnn |
| | French | 17560kas |
| 1230-1327 | Laotian | 9785kun, 7360xuw, 1080xuw |
| | Malay | 13795kun, 11955kun (Voice of the South China Sea - VSCS) |
| 1300-1357 | Bengali | 11610kun, 9600bji, 9490kun |
| | Burmese | 11780xuw, 9880xuw, 1188kun |
| | Chinese | 17735kas, 13650uru, 7435bei, 7215xia |
| | English | 15590uru, 13755kas, 13670kas, 11980kun, 11910bei, 11760kun, 9870xia, 9765bji, 9730nnn, 9500kas, 5955bei, 1341 Huadu Guangdong, 684dof |
| | Esperanto | 11650bei, 9440nnn |
| | French | 17880bko, 13685bko |
| | Hindi | 11675uru, 9450kas, 1422kas |
| | Japanese | 7410jin, 7325xia, 1044cah |
| | Korean | 12025xia, 1323hdn, 1017cah |
| | Mongolian | 7285bei, 6100uru, 100.9ula, 103.7Darkhan |
| | Russian | 13600xia, 9675szg, 7230kas, 6050huh, 5990huh, 1323uru, 963hdn |
| | Vietnamese | 9685xia, 9550bei, 1296kun, 603dof |
| 1330-1427 | Indonesian | 11955kun, 9535kun (Voice of the South China Sea - VSCS) |
| | Thai | 9785kun, 7360xuw, 1080xuw |
| 1400-1457 | Amoy | 11650kun, 9655kun |
| | Bengali | 11610kun, 9490kun, 1269xuw |
| | Burmese | 11780xuw, 900deh |
| | Chinese | 17735kas, 15410kas, 13855kas, 12025uru, 9730kas, 7435bei, 7410bei, 7235kas, 6040xia |
| | English | 15590uru, 13710kas, 11815uru, 11765uru, 11675uru, 9870xia, 9765bji, 5955bei, 1422kas |
| | Japanese | 7410jin, 7360xia, 1044cah |
| | Khmer | 9880nnn, 6055kun, 684dof |
| | Korean | 5965xia, 1017cah |
| | Mongolian | 6105huh, 5990huh |
| | Nepalese | 7435kun, 7250xia, 1188kun |
| | Russian | 11910xia, 9675szg, 6155kas, 1323uru |
| | Sinhalese | 9740jin, 7265kas |
| | Tamil | 13600kas, 11685kas |
| | Urdu | 11660kun, 9800kas, 1422kas |
| | Vietnamese | 12010bji, 9550bei, 1296kun, 684dof, 603dof |
| 1430-1457 | Filipino | 11640nnn, 7325nnn, 1341hdu |
| | English | 17630bko, 13685bko |
| 1430-1527 | Laotian | 9785kun, 7360xuw, 1080xuw |
| 1500-1527 | Pashto | 11665kun, 9665kas |
| | Persian | 9600kas, 9570uru |
| 1500-1557 | Bengali | 9610kun, 9490kun |
| | Chinese | 17735kas, 13755kas, 9560kas, 9455kun, 7435bei, 7235kas, 6155bei |
| | English | 17630bko, 15245kas, 13685bko, 13640kas, 13630uru, 11610kas, 9880nnn, 9870xia, 9675jin, 7445uru, 7325bei, 5955bei, 1323lha, 1188 |
| | Hindi | 7265kas, 7225uru |
| | Japanese | 9585xia, 7410jin, 1044cah |
| | Nepalese | 7435kun, 7250xia |
| | Russian | 13860szg, 11790uru, 9880xia, 6100kas, 6085huh, 5990huh, 5965bei, 1323cah, 963hua |
| | Tamil | 11685kas, 9690kas |
| | Turkish | 13710kun |

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| | Urdu | 9535kas, 7285kas, 1422kas |
| | Vietnamese | 9550bei, 1296kun, 684dof, 603dof |
| 1530-1557 | Pashto | 11665kun, 9665kas, 9570uru |
| 1600-1657 | Arabic | 17880bko, 15125bko |
| | English | 15250uru, 13760kas, 11965kas, 11940kas, 11900jin, 9880nnn, 9570bei, 7235kas 6175nnn, 6060kun, 1323uru, 1080xuw |
| | Hakka | 11880xia, 9770uru |
| | Hindi | 7265kun, 6100kas, 1422kas, 1269xuw, 1188kun |
| | Russian | 11875uru, 9730szg, 9605bei, 5995kas |
| | Swahili | 7245xia, 5985bei |
| | Turkish | 13710kun, 6165uru |
| | Vietnamese | 9550bei, 7315kun, 1296kun, 684dof, 603dof |
| 1600-1757 | Arabic | 13790kas |
| | French | 17765kas |
| | German | 11725xia, 9535bji |
| 1630-1727 | Hausa | 13870kas, 11790kun |
| 1700-1757 | Cantonese | 9800uru, 9770xia |
| | Croatian | 11825bei, 9410kas |
| | English | 13760kas, 13570xia, 12015bei, 9880nnn, 9570bei, 7420kas, 7410kas, 7330jin, 7235bei, 6175nnn, 6165bei, 6140kas, 6060kun, 1323htb, 1080xuw |
| | Esperanto | 13670bei, 11650xia |
| | Russian | 11875uru, 9605szg, 9470bji, 7265uru, 1521uru |
| | Swahili | 15125bko, 13645bko, 7215xia, 5985bei |
| 1730-1827 | Chinese | 13710kun, 11660szg, 9695kun, 9685uru, 7275uru |
| | Hausa | 13645bko(1800-), 11640bko(1800-), 9685kun, 13660kas |
| 1800-1827 | Persian | 9670bei, 7415xia |
| 1800-1857 | Chaozhou | 13700uru, 11895xia |
| | English | 13760kas, 9600bei |
| | Italian | 7435jin, 7340kas |
| | Russian | 9765szg, 9560bji, 7210uru |
| 1800-1957 | French | 11695kas, 9480xia |
| | German | 13810kas, 11775kas, 11650uru |
| 1830-1857 | Bulgarian | 13710kun, 7265uru, 6020szg |
| | Persian | 9670bei, 7415xia |
| 1830-1927 | Arabic | 13685bko, 11640bko |
| 1830-2027 | French | 13660uru, 9645kun |
| 1900-1927 | Czech | 9515szg, 7415uru |
| | Hungarian | 9560uru, 7435xia |
| | Romanian | 6090uru |
| 1900-1957 | Albanian | 7385kas, 6020szg |
| | Cantonese | 11895kas, 9575bei |
| | English | 9440kun, 7295kas |
| | Portuguese | 11750jin, 9765bei, 9730kas, 9535bji, 7205xia, 5985bei |
| | Russian | 9525bei, 7245bji, 6110xia |
| | Turkish | 13710kun, 9655kun |
| 1930-1957 | Czech | 7415uru |
| | Portuguese | 13630bko, 11640bko |
| | Romanian | 7435xia, 6090uru |
| 1930-2027 | Esperanto | 9745uru, 7265uru |
| 2000-2027 | Serbian | 9585kas, 7390xia, 7325uru |
| 2000-2057 | Chinese | 13690szg, 13670bei, 9865kun, 7255kas, 7205xia |
| | English | 11770xia, 9600kas, 9440kun, 7415kas, 7295kas, 5985bei |
| | Polish | 7305uru, 6020szg |
| | Russian | 9525bei, 7245bji |
| 2000-2127 | English | 13630bko, 11640bko |
| 2000-2157 | Arabic | 6100xia |
| 2030-2057 | Bulgarian | 11940kun, 9720uru |
| | Hungarian | 9585kas, 7390jin |
| 2030-2127 | Italian | 7345kas, 7265uru |
| 2030-2227 | French | 13750uru, 11660kas |
| 2100-2127 | Serbian | 7445kun, 7325xia |
| 2100-2157 | Croatian | 13670bei, 11825bei |
| | English | 11770xia, 9600kas, 7415kas, 7325bei, 7205xia |
| | Serbian | 6135bei |
| 2100-2257 | Korean | 7290xia, 1323hdn, 1017cah |
| | Spanish | 13690szg, 9640kas |
| 2130-2157 | Hungarian | 7445uru |
| 2130-2227 | French | 13630bko, 11975bko |
| 2200-2257 | Chinese | 9720kun, 9675bei, 7430jin, 7325kun, 7285uru, 7265kun, 7215kun, 6140kun, 5975bei |

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| | English | 9590bei |
| | Esperanto | 9880kas, 7300kas |
| | Portuguese | 11760xia, 9685kas, 9410kas, 7260uru |
| | Spanish | 17880bei |
| 2200-2400 | Japanese | 17560xia, 13640jin |
| | Spanish | 11855uru |
| 2300-2357 | Cantonese | 17540bei, 11945kun, 9460kun, 7325kun, 6140kun |
| | Chinese | 11975bko, 11900bei, 9865uru |
| | English | 11955kun, 11790xia, 11690bei, 7350kas, 6180kas, 6160kas, 5990qvc |
| | Khmer | 9765nnn, 7430nnn, 684dof |
| | Mongolian | 12085xia, 9470xia |
| | Portuguese | 17880bei, 13650qvc |
| | Vietnamese | 13770xia, 11620bei, 603dof |
| 2300-0100 | Russian | 9445huh, 7430huh |
| | Spanish | 13740kas, 11830kas |
| 2330-0030 | Sinhalese | 9490kun, 7260kas |

(NDXC Newsletter, Japan <<http://www1.s2.starcat.ne.jp/ndxc/>>, August 2025)

China has officially adopted the DRM standard for digital broadcasting in the AM bands. On August 1, the National Radio and Television Administration of China (NRTA) announced the implementation of the Digital Radio Mondiale (DRM) standard for digital broadcasting in the short and mediumwave bands in the country.

This decision is aimed at modernizing radio broadcasting and improving the quality of reception in these bands. (Anatoly Klepov-RUS, RUSdx #1354 via wwdxc BC-DX TopNews Aug 10)

In China, DRM transmissions were observed from another location in June 2025. Until now, test broadcasts in Guangdong, Jiangsu, Yunnan and Liaoning on 1557 kHz were more likely to block broadcasts from Radio Taiwan International on the mediumwave Koufu 1557 kHz (300kW).

Now there have been tests on the mediumwave 1377 kHz from the transmitter site NRTA #554 in Xingyang, Zhengzhou (Hunan province). This is where the domestic programme CNR1 Voice of China is normally broadcast at 600 kW. This could therefore be the first DRM broadcasts that are actually heading towards digitisation of mediumwave, as envisaged in 2023.

(<<https://cahcn.github.io>> via Takahito Akabayashi-JP wor, via Dr Hansjoerg Biener-D, wwdxc BC-DX TopNews July 12)

13770 kHz Sun, Aug 10, at 0157-0205 UT, **China National Radio 7-Voice of the Greater Bay**, Kashi/Kashgar siteCHN, in Cantonese. Woman/man announcers talking; A conversation between them; 0200 UT Pip, ID; Man/woman talking; Music. Poor reception: 2~35422.

15550 kHz Sun, Aug 10, at 0050-0100 UT, **China National Radio 7-Voice of the Greater Bay**, Hohhot site-CHN, in Cantonese. Man announcer talking. BA reception. (Jose Ronaldo Xavier, Cabedelo-PB-BRA, hcdx Aug 10)

12055 kHz Wed, Aug 13, at 0157-0210 UT, **China National Radio #17**, from Lingshi-CHN #725 bcast center, Kazakh Service. Woman/man announcers talking w/ pieces of kazakh songs background; 0200 Man announcer talks news, presumably; He says Ukraine sometimes. Fair reception: 35533.

15390 kHz Wed, Aug 13, at 0211-0220 UT, **China National Radio #13**, Lingshi-CHN, Uyghur Svce. Man talking news, presumed, during all log. Good reception: 45544. (Jose Ronaldo Xavier, Cabedelo-PB-BRA, hcdx Aug 13)

6105 kHz **CNR1** (Qiqihar in far north-eastern mainland), 1300 UT, 14 July MANDARIN Chinese. Used to jam RTI ToH ID (RTI pips could be heard under CNR pips). Man then spoke. RTI audio could not heard Poor to fair but noisy. (Tony Pavick-BC-CAN, via NASWA Electronic Flashsheet #1213 July 20)

11685 kHz **CNR8** Mongolian sce at 20.55-23.00 UT via Qiqihar far north-eastern China mainland site, S=8-9 into western Europe SDR unit.

[selected SDR options, span 12.5 kHz RBW 15.3 Hertz]
(wb df5sx, wwdxc BC-DX TopNews July 20)

5975 kHz **CNR 8** (Beijing-Chaoyang/Gaobeidian/Shuangqiao "#491" site), 1200 UT on July 9. Korean. Light music to top of hour. Man then spoke with possible ID. Man then speaking over light music. Into nonstop music until many minutes later. fair but noisy.

(Tony Pavick-BC-CAN, via NASWA Electronic Flashsheet #1212 July 13)

CHINA / TAIWAN: 21800 kHz on Aug 17 at 0144 UT, Chinese S7/S9 with Doppler flutter, OSOB, no doubt CNR1 China mainland jammer vs Sound of Hope-TWN, at 2300-1400 UT per Aoki database list; except for Denmark on 11mband, highest bc frequency listed. Also JBA carrier on 18970 kHz too, no doubt the same at 22-10 UT. Also at 0148 UT carrier only on 15916 kHz; if on 15920 kHz could be another - against SOH-TWN - jammer.

(Glenn Hauser-OK-USA, via NASWA Electronic Flashsheet #1217 Aug 17)

CHINA / CUBA {Quivican-CUB / Kashgar Xinjiang province}: 9580 kHz on Aug 17 at 0122 UT, CRI English discussion with decent modulation! via CUBA, S=9+30/20dB. Later at 0146 UT, same programming on 17640 kHz, 3 or 4 seconds ahead of 9580 kHz; and synchro with 17640 kHz on 13640 kHz at 0149 UT. Both those via Kashgar Xinjiang western China province, latter 500 kW beasts.

(Glenn Hauser-OK-USA, via NASWA Electronic Flashsheet #1217 Aug 17)

CUBA: 4765 kHz **R. Progreso**, Bejucal; 02 Aug, 0044-0048 UT, latin mx, deep throat announcer Sp, return of mx. At 0048 UT sign off and sign on again at 0057 UT with Lionel Ritchie mx, 35333 (LOB).

(Lucio Otavio Bobrowiec, Embu-SP-BRA, hcdx Aug 3)

4765 kHz Aug 17 at 0133 UT, **R. Progreso** music not off the air, S=9+20/30dB; while 5025 kHz, R. Rebelde at 0134 UT is nothing but a JBA carrier. Something's always wrong at Radio Cuba.

(Glenn Hauser-OK-USA, hcdx & wor Aug 17)

6000 kHz Aug 15 at 0551 UT, **RHC** S=9+25dB but suptorted, drama with dialog in English - like soundtrack from a TV show or movie, wrong satellite feed into transmitter or thumbing nose at Habana HQ ? This happens frequently. Something's always wrong at RHC.

(Glenn Hauser-OK-USA, wor & hcdx Aug 15)

"Regarding the loggings of Cuba on 6000 kilohertz, I do notice that more often than not they seem to be relaying Cuban television.

However the last time I did hear anything that sounded like proper RHC content, was on the 12th of August at 0300 UT when I did hear what sounded like the Cuban National anthem. I must admit however that I did not hear a proper station ID at that time, so perhaps the anthem was being broadcast on TV."

{No problem to see Cuban International TV program here in Europe 24hrs/7d in EUR target via satellite feed, i.e. Cubavision Internacional <<https://www.cvi.icrt.cu/>>

Astra satellite 19.2 East 11778 MHz Vertical 29.500 and Venezuelan compa ero TV too - ed WB.}

(Glenn Hauser-OK-USA, hcdx & wor Aug 17)

13780 kHz July 15 at 2349 UT, new **RHC** outlet via Quivican San Felipe TITAN site on air again today, S=9+10/15dB into Georgia SDR remotely, while 15230 kHz is not on. At 0008 UT July 16, 13780 kHz seems off both at Georgia and Lima remote units, but at 0026 UT Georgia gets a JBA carrier, from what? CRI Nepali service from Kashgar is not until 0130 UT.

13780 kHz July 14 at 2214 UT, Spanish historical talk no doubt in honor of Bastille Day, mentioning Liberte, Egalite, Fraternite and then, RHC ID ! A RARE new frequency for them, S=9/+10dB, good modulation level with only slight distortion; and not // 15230 kHz I had just checked at 2212 UT, S9 but very suptorted, intonation sounding Spanish instead of Portuguese. At 2330 UT, 13780 kHz with music is S=7/9+10dB into Lima SDR remotely. Still on at 2357 UT direct, but 15230 kHz off by now.

(Glenn Hauser-OK-USA, wor & hcdx July 14-16)

13780 kHz July 16 at 1341 UT, **RHC** Spanish NF also in the mornings, S7/S9 direct. 15230 kHz is also on S4/S6 but very suptorted. On second rx does not seem // or at least not synchronized; same at 1405 UT. At 1420 UT seems // with applause intervals but not synchro, into Georgia SDRs.

(Glenn Hauser-OK-USA, wor & hcdx July 15-16)

13780 kHz Aug 13, 2025 at 2124 UT, Fidel speech, "Viva la Revolucion Cubana", on his 99th birthday of Aug 13, 1926, only in Spanish this time; first checked 15230 kHz which was S=9+10/20dB but suptorted unreadable. Congrats!

(Glenn Hauser-OK-USA, wor & hcdx Aug 13)

CUBA / CHINA: Also great strong signals of **RHC Quivican** on 13780even kHz and on 15230even kHz also, but latter tonight totally audio modulation scratch-distorted. S=9+20dB signal at 22.11 UT. 13780even at 23.34 UT only empty strong S=9+20dB carrier, no audio. 13650even CRI Quivican LatinAM relay CRI Portuguese progr 23-24 UT, only endless Chinese music played, at 23.32 UT also // CRI Portuguese via 500 kW beast at Beijing China mainland, also very strong signal heard on Edmonton AB-CAN SDR remotely. Nothing heard of RHC Quivican on 6000 kHz, nor CRI LatinAM relay transmission on 5990 kHz.

CRI Portuguese Beijing 500 kW beast on 17880 kHz frequency, // 13650 kHz Quivican CUB LatinAM relay scheduled 23-24 UT, Aug 5th.
[selected SDR options, span 12.5 kHz RBW 15.3 Hertz]
(wb df5sx, wwdxc BC-DX TopNews Aug 5)

CZECH REPUBLIC: The next planning conference for the B25 shortwave {fall- winter} season will take place in the Czech Republic from August 25 to 29, 2025. Since June 16, 2025 HFCC members have been able to upload their transmission schedules of requested B-25 frequency channels.
(Wolfgang Bueschel-D, August 2025)

DENMARK: 15700 kHz Tue Aug 12, at 2033-2045 UT, **WMR - World Music Radio**, Randers-DNK, in English. Varied songs and rhythms; 2040 UT Man announcer talks and more songs. Poor reception: 25422.

15700 kHz Wed Aug 13, at 1922-1937 UT, **WMR - World Music Radio**, Randers- DNK, in English. Music; Woman announcer talking and more songs. Very poor signal, moderate noise, barely audible reception.
(Jose Ronaldo Xavier, Cabedelo-PB-BRA, hcdx Aug 13)

15699.939 kHz checked at 16.22 UT on Aug 15, 2025. (WB)

ESWATINI: 15104.95 kHz **TWR** Eswatini, Mpangela Ranch, 12 July. Tune-in to religious songs at 1615 UT, closing ID in English as "This is TWR broadcasting from Eswatini", one burst of the TWR IS and off at 1619 UT. Listed in TWR schedule as "Kunama / Tigre" to Eritrea at 1549-1619 UT on Sat/Sun, so presume preceding programme was in either one of those languages. Fair.
(Tony Rogers-Birmingham-UK; NASWA Electronic Flashsheet #1212 July 13)

13800 kHz **TWR** Africa, Manzini, in a unidentified language, Comments by a male voice, Christian songs "Stand up! Stand up for Jesus", and "Blessed Assurance" 35543. Target Area is West Africa.
(Jose Ronaldo Xavier-Cabedelo-PB-BRA, hcdx July 29)

EQUATORIAL GUINEA: The Republic of Equatorial Guinea on SW.

Formerly named Spanish Guinea, the Republic of Equatorial Guinea is a small coast country that gained its independence and current name in 1968. The SW Radio station in Bata at first came on the air in 1956. The station was using the slogan "La Voz de Espania" and later "La Voz de Rio Muni".

The power of the first station was 400 W and the frequency was 7846 and 8800 kHz. In 1963 it went to 5 kW and moved to 4926 kHz, and in 1981 it went to 100 kW of power.

In the early 1970's the Radio Equatorial Bata station was established. In 1976, under a cooperation agreement between the Government of Equatorial Guinea and the Government of China, a new transmitter was installed in Bata and it became what was then the Radio Nacional de Guinea Equatorial SW station. In the 1960's this station was heard all over the World !

For the DXers it was known as "Radio Nacional, Bata". Radio Bata supervised broadcasts in Spanish and in many African dialects.

Since April of 1984 the station rented out its air hours for Pan American Broadcasting under the names "Radio Africa" and "Radio East Africa" on 7990, 9555, 15106 and 15190 kHz at a power of 50 kW. On the same frequencies "Radio East Africa 2" transmitted their weekend programs.

For quite a long time Radio Bata used two frequencies 4925,6 / 4926 and 5004 / 5005 kHz, but finally they settled on 5005 kHz and lowered its power to 50 kW since 1998.

In September of 2005 the Nacional Radio of Equatorial Guinea reported that the Chinese construction company Gwang Ding started to build a new two- storey building, fitted out with audiovisual equipment. A group of Chinese engineers was responsible for maintaining the infrastructure of RadioBata, after the two Governments signed a cooperation agreement on the maintenance of the new Radio transmission equipment. Two 50 kW SW transmitters were being installed at the radio station, along with the two antennas; one for domestic use and the other for external use.

Radio Bata, like many broadcasting stations, had experienced periods of dormancy before resuming operations; for example, in 2004 and 2017. According to the British DX Club of 2023, Radio Bata has been inactive since 2021 on its usual frequency of 5005 kHz. {heard well signal still in October 2019 by Manuel Méndez-ESP, WB.}

Also, we need to say that Equatorial Guinea had two SW stations; one was in Bata, on the main land territory, which was called "Rio Muni", while the other was situated on Bioko Island, in the capital city of Malabo.

Pan American Broadcasting started to transmit their religious programs in English via Radio Malabo in October 1989 at a power of 10 kW. The new broadcaster in Malabo was called "Radio Africa 2000" and it was a joint project of the coun-try's Minister of Culture and the Government of Spain. Its purpose was to elevate cultural and educational levels of the country.

Later in November of 2007 Radio Africa - Radio Malabo was inaugurated with a new 20 kW transmitter, replacing the 10 kW unit. The transmission was usually on 6250, 6910 and 15190kHz with a log periodic antenna at the azimuth of 60 degrees. The last transmission from Malabo was heard in August of 2017.

Because China made many investments in Radio Bata, there is a possibility that China will reactivate the station, like they did with their station in Bamako, Mali.

(lev.lyt-Canada via groups.io via wor; via SWB Sweden pdf file of July 20)

FINLAND: The long-delayed Arctic Radio Inari <<https://arcticradio.net>> has now announced test broadcasts on weekends in August 2025. They were able to take over the equipment that was previously used at the northern Finnish airport Ivalo on 432 kHz: a Nautel ND2000 transmitter including antenna connection and antenna (Aerial Oy AV1102). The test transmissions on the old Finnish longwave 252 kHz should start at 500 watts and hopefully have a range of 300 to 500 kilometres.

(Jorma Maentylae-FIN, ARC / wor via Dr Hansjoerg Biener-D, via wwdxc BC-DX TopNews July 12)

FRANCE: 15540 kHz 'Radio Zaman Bidari' via TDF Issoudun, 3 July. Initially an unidentified log for me, but later confirmed by listening back to a recording made (thanks to Rob Wagner for prompting me to check the recording - which I had forgotten about; also acknowledging later information which I believe originated from Paul Walker and Mauno Ritola-FIN); tune-in at 1905 UT to talk in Persian; religious-sounding content, ID's confirmed; transmitter off at 1909 UT, back at 1911 UT, off again at 1918 UT, back at 1920 UT, and then continued through to sign-off at 1930 UT. Good.

(Tony Rogers-Birmingham-UK; NASWA Electronic Flashsheet #1213 July 20)

15540 kHz 'Radio Omid Iran' via TDF Issoudun bcast center, at 1917 UT in Farsi to Iran. New target radio station noted this month. It appears to be one day a week only.

Commentary: Then the station ID at 1926 UT with many mentions of Iran. 1927 UT - Unaccompanied vocal, then cut off at 19:27:45 UT. Thanks to a tip from Paul Walker. Excellent signal, July 17.

(Rob Wagner VK3BVW, Mount Evelyn-Vic-AUS; via NASWA Electronic Flashsheet #1213 July 20)

17680 kHz **NHK Radio Japan**, via TDF Issoudun site in Japanese, on July 28 at 1841 UT. Presentation of Japanese songs, commentary by female voice 35534 Target Area Africa.

(Jose Ronaldo Xavier-Cabedelo-PB-BRA, hcdx July 29)

11875 DRM digital strong signal of S=9+45dB powerhouse of 'TDF Digital' test series of RFI Paris at 22.40 UT, and when checked against on KIWI SDR unit in DRM mode around 22.50 UT; heard only switch to short AM audio outlet and suddenly switch off TX immediately.

[selected SDR options, span 12.5 kHz RBW 15.3 Hertz]

(wb df5sx, wwdxc BC-DX TopNews July 20)

GERMANY: { North Rhine-Westphalia } According to the will of the minister presidents, the maximum number of programs that an ARD German regional broadcaster is allowed to broadcast will be limited. This also means that 16 German public radio programs will have to be discontinued. Which ones these will be depends on the decision-making bodies of the respective broadcasters and the legislators in the federal states. Public debates have long since begun.

At Cosmo, WDR felt compelled to issue the following press release on June 5, 2025: "At the moment, all state broadcasters in the ARD are examining their options for complying with the requirements of the reform treaty. A decision on how WDR intends to set up its radio waves in detail will only be made after this review process."

With regard to Cosmo, we can say that we do not want to shut down Cosmo, but rather develop it further. This is because we can see from its reach that we have not yet exhausted the program's potential. At the same time, it is important to us to continue to appeal to people with a migration background - after all, they make up a third of the population in North Rhine-Westphalia.

(<<https://presse.wdr.de>> via Dr. Hansjoerg Biener-D, Bieners DX_Digest #61 column July 2025 via wwdxc BC-DX TopNews July 18)

{ Baden-Wuerttemberg / Rhineland-Palatinate / Saarland } Audiotainment Suedwest and the Uplink Group have extended the contract for the operation of 67 FM frequencies in Baden-Wuerttemberg, Rhineland-Palatinate and Saarland until 2034.

Kai Fischer, Chairman of the Management Board of Audiotainment Suedwest: "FM is the most widely used transmission channel with the greatest economic relevance for private radio broadcasters in Germany. FM broadcasting is absolutely vital for us private radio broadcasters and of outstanding importance for the preservation of journalistic jobs and media diversity. We use the advertising revenue from FM to finance digital innovations and the expansion of our digital valley distribution." Following the launch of Audiotainment Suedwest 2021, the construction of the broadcasting centre in Mannheim, the expansion of the four brands bigFM, RPR1., Radio Regenbogen and Rock FM and the launch of bigFM in several federal states, a long-term contract for terrestrial broadcasting will lay the foundation for further growth. (Press release via Dr Joern Krieger-D; via Dr Hansjoerg Biener-D, via wwdxc BC-DX TopNews July 12)

{ Bavaria - Bayern } Bayerischer Rundfunk, which may still operate six radio stations from 1 January 2027 due to the population of Bavaria, is discontinuing the following stations:

PulsRadio (youth programme, in future only online platforms), BR Schlager (from 2027 ARD offer in the ARD Audiothek. "BR is participating in the deliberations on the development of this service."), BR24 live (previously e.g. Bundestag debates and sporting events) and BR Verkehr (automated traffic reports in a continuous loop). All four were additional programmes on DAB+.

Two of these programmes can hardly be regarded as real savings. Bayern 1, Bayern 2, Bayern 3, BR24 Radio and BR Heimat (DAB+, etc.) will remain. BR Klassik will also continue to exist, but will cooperate more closely with other ARD programmes. The changes are attributed to a decision by the state premiers at. But: "It is unclear how much can actually be saved as a result of the measures."

(<<https://www.br.de/nachrichten>> via Dr Hansjoerg Biener-D, via wwdxc BC-DX TopNews July 12)

The state premiers want ARD to save at least 16 terrestrial programmes. ARD is thinking primarily of programmes that are only broadcast on DAB+. Critics see no real savings effect in such measures in the public broadcasting system, but rather a diminution of the added value of DAB+.

See, for example, an online petition launched on 4 July 2025 at

<<https://www.change.org/p/erhalt-der-dab-plus-programme-beim-%C3%B6ffentlichen-rechtlichen-rundfunk>> (Dr Joern Krieger-D; Dr Hansjoerg Biener-D, wwdxc BC-DX TopNews July 12)

Texas Radio Shortwave will have the following broadcasts in September, October & November 2025:

Music of Bobby Fuller Four

| Month | Date (UTC) | Time | Freq (kHz) | Station | Target |
|-------|------------|------|-------------|----------------|--------|
| Aug | 1 | 1900 | 6160 | ShortwaveRadio | Eur |
| | 3 | 1200 | 9670 | Channel 292 | Eur |
| | 3 | 2300 | 9670 | Channel 292 | NAm |
| | 6 | 2000 | 3975 & 6160 | ShortwaveRadio | Eur |

Music of Lee Ann Womack

| | | | | | |
|-----|----|------|-------------|----------------|-----|
| Sep | 5 | 1900 | 6160 | ShortwaveRadio | Eur |
| | 7 | 1200 | 9670 | Channel 292 | Eur |
| | 7 | 2300 | 9670 | Channel 292 | NAm |
| | 10 | 2000 | 3975 & 6160 | ShortwaveRadio | Eur |

Music of B.J. Thomas

| | | | | | |
|-----|---|------|-------------|----------------|-----|
| Oct | 3 | 1900 | 6160 | ShortwaveRadio | Eur |
| | 5 | 1200 | 9670 | Channel 292 | Eur |
| | 5 | 2300 | 9670 | Channel 292 | NAm |
| | 8 | 2000 | 3975 & 6160 | ShortwaveRadio | Eur |

2025 Texas Halloween

| | | | | | |
|-----|----|------|-------------|----------------|-----|
| Oct | 31 | 2000 | 3975 & 6160 | ShortwaveRadio | Eur |
|-----|----|------|-------------|----------------|-----|

Music of Flaco Jimenez

| | | | | | |
|-----|---|------|------|----------------|-----|
| Nov | 2 | 1300 | 9670 | Channel 292 | Eur |
| | | 1500 | 6160 | ShortwaveRadio | Eur |
| | | 1900 | 3975 | ShortwaveRadio | Eur |
| | | 2300 | 9670 | Channel 292 | NAm |

TRSW Sixth Anniversary

| | | | | | |
|-----|----|------|------|----------------|-----|
| Nov | 28 | 2000 | 3975 | ShortwaveRadio | Eur |
| | | 2300 | 9670 | Channel 292 | NAm |

We're continuing our 9670 kHz broadcasts to North America at least through the end of the year in the hope that conditions will improve. (You'll recall that insanity is sometimes defined as doing the same thing and expecting different results!).

The best way for listeners outside Europe to hear TRSW is to use a remote European SDR such as the one at the University of Twente in the Netherlands (<http://websdr.ewi.utwente.nl:8901>). Most programs are scheduled at times convenient for NAm listeners.

On October 31, we hope Channel 292 will air the 2025 Texas Halloween show to North America on 9670 kHz. We've not received a confirmation from them.

The November schedule is tentative since we don't know how transmissions from China and others will affect transmissions from ShortwaveRadio and Channel 202 at the beginning of the B-25 schedule period.

More information can be found on <http://download.wdxc.de>.

(Terry Colgan, N5RTC, Texas Radio Shortwave, August 10)

SM Radio Dessau <https://www.smradio-dessau.de> will have the following programmes in September 2025:

| | | | | |
|--------------------------------|----------|-------------|-----|----------------------------|
| Sun, 14 Sep. 2025, 11.00-12.00 | 6070 kHz | Channel 292 | ROB | 10 kW |
| | 6095 kHz | MBR | NAU | 100 kW |
| 12.00-12.30 | 6095 kHz | MBR | NAU | 100 kW special programme |
| | | | | "Tag des offenen Denkmals" |

Detailed reception reports are welcome to: Max Berger, Saalestrasse 44, 06846 Dessau, Germany, maxberger@smradio-dessau.de. For the special programme on Sept. 14 a special QSL card will be available. Printed QSL cards are only available if sufficient return postage is enclosed: Germany EUR 0,95, abroad EUR 1,25. (SM Radio Dessau <https://www.smradio-dessau.de> via Thomas Becker-D, August 2025)

From the Isle of Music, September 2025

September's program will be the fourth of several episodes featuring the best of Cubadisco 2025, Cuba's most important discographic awards. This is the best of the best of Cuba's new releases (and recordings from Cubans elsewhere) and will feature the M-sica Bailable (Dance Music) category this month.

Friday, September 12: 6070 kHz at 1700 UTC

3955 kHz at 2100 UTC

Sunday, September 14: 9670 kHz at 1700 UTC using booster beam H to Africa*
(repeat of September 12 episode)

Uncle Bill's Melting Pot, September 2025

In September we will present jazz from Russia and Ukraine featuring musicians who are still in each country.

Friday, September 19: 6070 kHz at 1700 UTC

3955 kHz at 2100 UTC

Sunday, September 21: 9670 kHz at 1700 UTC using booster beam H to Africa*
(repeat of September 19 episode)

*As an experiment, we are turning the booster beam for 9670 kHz towards Africa. We have never done that before and can't predict the results.

**In addition to direct radio reception, we do honor reception reports using remote SDRs as long as the whole program is described and which SDR is specified.

(William "Bill" Tilford, Tilford Productions, USA, August 18)

ShortwaveRadio has reduced its broadcasting schedule during the summer:

15.00-22.00 UTC: 6160 kHz, Sat Sun from 07.00 UTC

17.00-24.00 UTC: 3975 kHz

The programme schedule can be found at <https://shortwaveradio.de/en/schedule_line_up>. (Dr. Hansjoerg Biener-D, Aug. 2025)

Jake FM <<https://jake-fm.de>> will have a changed broadcast schedule starting in August 2025: The first broadcast will be on the fourth Sunday of the month, 12.00-14.00 UTC, only on 6070 kHz. Repeats will be broadcast on the same Sunday at 18.00 and on the following Saturday at 09.00, both on 6070 kHz. In months with five Saturdays, the broadcast time of the repeat may be postponed. Sporadic and unscheduled simultaneous broadcasts on 9670 kHz are possible. (Bernd Seiser-D, July 28)

GERMANY / USA: Since the beginning of July 2025, Nouri Streichert's English-language **Henry Norman Show** has had another slot on WRMI Okeechobee (Florida). While the original broadcasts will continue to air on the third Saturday of each month from 22.30 to 23.00 on 9955 kHz, these and older episodes will be broadcast on Saturdays at 20.30 (20.00 at the end of July) on 15770 kHz. The following broadcasts have been announced for August 2025: On Saturdays 2, 9 and 23 August 2025, the programme will be broadcast in German at 20.00 on 15770 kHz, and on 16 [and presumably 30 August] it will be broadcast in English as usual. The target area here is North-East America and Europe. This is confirmed at <henrynormanshow@gmail.com> with older and new QSL cards. (Nouri Streichert-D via Dr. Hansjoerg Biener-D, Aug. 2025)

GERMANY / U.S.A. / UNITED KINGDOM: In March 2019, Brice Avery <contact@tumbiril.co.uk> launched a programme that is unusual for shortwave: Encore: Classical Music on Shortwave <<https://www.tumbiril.co.uk>> is dedicated to Western classical music. For years, there was a new episode every week. Since August 2023, the programme has only been produced every 14 days.

Brice Avery announced the following broadcast schedule for programmes from 7 August 2025 onwards:

Fri, 02.00-03.00 hrs: 5850 kHz (WRMI) for North America
 Fri, 20.00-21.00 hrs: 15770 kHz (WRMI) for Europe
 Sat, 10.00-11.00 hrs: 9670 kHz (Channel 292) for Europe
 Sun, 01.00-02.00 hrs: 5850 kHz (WRMI) for Europe and North America
 Sun, 19.00-20.00 hrs: 3955 kHz (Channel 292) for Europe
 Mon, 02.00-03.00 hrs: 5950 kHz (WRMI) for North America
 Tue, 13.00-14.00 hrs: 15770 kHz (WRMI) for Europe and North America
 (Brice Avery via Dr. Hansjoerg Biener-D, Aug. 2025)

GUAM: 9320 kHz Wed, Aug 13, at 1940-1950 UT, **Trans World Radio** Merizo bcast center at Guam - KTWR, Agana-GUM, in Korean. A preaching by woman; 1944 UT Now, she talks w/ music background; Man talking, preaching, too; 1949 UT Music. Fair reception: 3~45533. (Jose Ronaldo Xavier, Cabedelo-PB-BRA, hcdx Aug 13)

9320 kHz KTWR **Trans World Radio** relay via Merizo GUM relay site in Korean, July 27, at 1435-1446 UT. SIO 333. Religious programming Mixed OM / YL announcers. Asia relay station. Target is South Korea. Talk, MX clips, emphatic dialogue in Korean. Moderate QRN, flutter on the signal. (Vince Henley-WA-USA, via NASWA Electronic Flashsheet #1214 July 27)

INDIA / BHARAT: Apart from a nightly relay of English-language main news on the Nepali service (0245-0300 UTC 15410 kHz), there are no longer any regular English-language broadcasts on shortwave. However, English-language programmes are interspersed under the programme title "Spotlight" in shortwave services in other languages. It could be useful to report primarily on the reception of Spotlight programmes and to express interest in regular English-language programmes, as they used to exist. (Jose Jacob, VU2JOS, DX-India, via Dr Hansjoerg Biener-D, via wwdxc BC-DX TopNews July 12)

INDONESIA: 4755 kHz on July 16 at *1258- UT. **Voice of Indonesia**, heard via Kiwi SDR remote at Bandung-INS; very late starting at 1300UT, intro to the English segment; followed by the news (several items about the major story of President Trump and Indonesia having reached a trade agreement regarding tariffs. // 3325 kHz broadcasting from Palangkaraya-INS. (Ron Howard-Monterey-CA-USA; MÚndez-ESP; and Carlos Gonpalves, Lissabon-Portugal; via SWB Sweden pdf file of July 20)

7205 kHz **RRI Pro 3** (still via an unknown site), from 0242+ UT, Aug 16; heard via Kiwi SDR remote at Bandung-INS; Google audio translation indicates a discussion about the current rice production in Indonesia; the president has said that Indonesia currently has a rice production surplus and that the national rice reserve has reached the highest number in the history of the country.

Fair reception; slightly out of sync with online Pro 3 audio streaming.
(Ron Howard, Asilomar State Beach-CA-USA, via wwdxc BC-DX TopNews Aug 16)

(Cf. DXM 7/2025) 7289.93 kHz July 15 at 0820 UT. **RRI Nabire Pro 1**, 0820 UT till tuned out at 0915 UT, heard via Townsville, Queensland-AUS remotely SDR unit; anomaly today with all regular programming preempted with a series of speeches and with applause from those attending what was probably a political event; no songs at all and no Islamic segment today.

(Ron Howard, Monterey-CA-USA; via SWB Sweden pdf file of July 20)

7300 kHz RRI, unid location. 1245 UT past 1400 UT and again at 2250 UT past 2330 UT on Saturday 19 July, carrying **Pro 3** (Tiga) and about 5 seconds behind RRI Denpasar Pro 3 on 88.8 FM. Reasonable signal as heard in Bali island.

Alerted to this by posts in F_Book group Pendengar Setia Radio AM/MW & SW di Indonesia (Loyal Listeners of MW&SW in Indonesia). They don't know the mystery location yet but speculate it could be an illegal non-ORARI (Indonesian Amateur Radio Organisation) amateur relaying a RRI digital broadcast from a satellite receiver. Strength seems too good for a pirate relay.

A listener in Java reports hearing it on a Kiwi SDR at Jelcobine, about 100 km south-east of Perth, Western Australia. First mention I could find in this F_Book group was 5 July but it could have been on earlier than that. Pro 3 is a nationwide program that operates 24 hours so it's conceivable that this frequency is on 24 hours too.

(David Foster in Bali island INS via wor; via SWB Sweden pdf file of July 20)

IRAN: (Cf. DXM 7/2025) On June 17, 2025, the Asia-Pacific Broadcasting Union (ABU) shared the following message from Iranian Radio: "Rockets hit IRIB headquarters quarter. The Islamic Republic of Iran Broadcasting (IRIB), a member of the Asia-Pacific Broadcasting Union, was the victim of a brutal attack by Israel forces on Monday evening, June 16, 2025. The target of this aggression was the location of the newsroom, specifically the glass building in the center of the complex, where journalists, news reporters and the president of IRIB went about their work.

Three people were killed in the attack, several news staff were seriously injured, while the building was severely damaged by fire and destruction. Despite the aggression, IRIB had shown remarkable resilience by continuing its live broadcasts and program presentations without interruption, using its own facilities and equipment and other media buildings and studios. At the time of the attack, journalists and media staff were covering the disproportionate and horrific conflict between the Islamic Republic of Iran and the Israeli regime with great care and were fully dedicated to their professional work."

IRIB added that attacks on media organizations were universally condemned and were a direct violation of the principles of freedom of expression.

(<<https://www.abu.org.my>> via Dr. Hansjoerg Biener-D, wwdxc BC-DX TopNews July 12)

15240 kHz **IRIB**, Sirjan (presumed), 12 July. Something here at 1635 UT but couldn't detect any audio; checked on Qatar SDR and found a strong carrier with low level audio in Arabic with Middle Eastern style music, followed by religious-sounding songs, went abruptly off at 1727 UT; seems to fit Iran and matches HFCC registration (a quick check found no other SW or MW // 's on the Qatar SDR, although more careful listening may have revealed more).

(Tony Rogers-Birmingham-UK; NASWA Electronic Flashsheet #1212 July 13)

ISRAEL: Joint statement on Gaza from AFP, AP, BBC News and Reuters:

"We are desperately concerned for our journalists in Gaza, who are increasingly unable to feed themselves and their families. For many months, these independent journalists have been the world's eyes and ears on the ground in Gaza. They are now facing the same dire circumstances as those they are covering."

"Journalists endure many deprivations and hardships in warzones. We are deeply alarmed that the threat of starvation is now one of them."

"We once again urge the Israeli authorities to allow journalists in and out of Gaza. It is essential that adequate food supplies reach the people there."

(Association for International Broadcasting (AIB), United Kingdom, 24 July 2025)

JAPAN: On 19 May 2025, the Ministry of Internal Affairs and Communications approved another range for FM radio. The Japanese FM band originally covered 76-90 MHz. Subsequently, the 90-95 MHz range was released for local radio stations, temporary disaster stations and support frequencies for mediumwave stations. Now the 95-99 MHz range has been released for NHK and commercial stations to meet the frequency requirements for the switch from mediumwave to FM. In a survey in 2022, 19 broadcasters out of 63 mediumwave and 7 FM frequencies expressed interest in switching to this frequency band. The use of 99-108 MHz will be considered at a later date.

(Takahito Akabayashi-Tokyo-JP, via Dr. Hansjoerg Biener-D, wwdxc BC-DX TopNews July 12)

6055 kHz **Radio Nikkei 1**, 1200 UT, 09 July. Japanese. Promo with information about their YouTube channel and about other programs coming up including some music programs. Top of hour ID partially in English. "You're listening to Rockstyle (indistinct) Playing your favorite songs all the time". Woman spoke followed by an English ID "Radio Nikkei". They then played the song Girls Just Want to Have Fun by Cyndi Lauper. Good.
(Tony Pavick-BC-CAN, via NASWA Electronic Flashsheet #1212 July 13)

KOREA D.P.R. {North}: 13649.874 kHz much fqy oddity VoKorea KCBS Korean sce via Kujang site, S=9+20dB at 14.15 UT on Sat Aug 2nd. 14.00-14.57 UT. 13760.015 oddly VoKorea French foreign radio service via Kujang site, S=9+20dB at 14.19 UT on Sat Aug 2nd. 14.00-14.57 UT.
[selected SDR options, span 12.5 kHz RBW 15.3 Hertz]
(wb df5sx, wwdxc BC-DX TopNews Aug 2)

KOREA REP. OF {South}: On July 8, 2025, the shortwell broadcasts of Voice of the People and Voice of Hope / Echo of Hope intended for North Korea were switched off. On July 10, 2025, K-News (756 kHz) and Jayu FM (97.7 MHz) followed in the course of the day. The end of Jayu Korea (1143 kHz) was thus also foreseeable and came at midnight, July 11, 00:00 local time. The current government in Seoul is once again focusing more on appeasement than confrontation.
(Park Sekyung NEABI / wor, via Dr. Hansjoerg Biener-D, wwdxc BC-DX TopNews July 12)

LATVIA: Latvia has begun the liquidation of public media in Russian.

Public radio in Russian will stop broadcasting on January 1, 2026. The board of the Latvian public media has developed strategic priorities for 2026-2029, which, among other things, stipulate that content in foreign languages - English, Russian, Ukrainian - will henceforth be created and distributed only on the Internet. Radio and television broadcasts will be only in Latvian. Russian has already left the seventh television channel this year, leaving Latvian Radio 4. The broadcast will stop at the end of the year.

As the head of SEPLP, Janis Siksnis, explained, the public media must "consistently and carefully create effectively functioning multimedia editorial offices that will produce more socially significant and high-quality content, thereby fulfilling the special mission of the public media holding. A conceptually new approach to working with the audience of national minorities and the refusal to divide editorial offices by language will allow more resources to be directed towards creating new content in the Latvian language."
(PRO_FM / Telegram; via RUSdx #1351 via wwdxc BC-DX TopNews July 20)

LITHUANIA: Broadcasting of Radio Svoboda from Lithuania resumed.

The broadcasting of Radio Svoboda on mediumwaves has been resumed from 1 August. Radio Svoboda is a programme of the international media group Free Radio Europe / Radio Liberty (FRE/RL), which is broadcast in Russian. The mission of this radio station is to provide objective information and knowledge to radio listeners in Russia and abroad.
The new broadcast times will be 8:30-11:30 Moscow time (05:30-08:30 UTC).
(DX GUIDES-UK & TELECENTRAS-LT, August 2025)

MADAGASCAR: 9884.89 kHz **Madagascar World Voice**, Mahajanga, 8 July. Tune-in at 1835 UT to religious programme in Russian, website mentioned as <www.knls.net> Moved to 9845v kHz at 1900 UT. Good.
(Tony Rogers-Birmingham-UK; NASWA Electronic Flashsheet #1212 July 13)

13670 kHz **Madagascar World Voice**, from Mahajanga site, 19 July. Tune-in at 1825 UT to the African Pathways service in English with medical advice and Christian - related programmes, ID. Fair.
(Tony Rogers-Birmingham-UK; NASWA Electronic Flashsheet #1213 July 20)

13830 kHz Sun, Aug 3, at 1619-1628 UT, **Radio Vaticana**, via MGLOB Talata Volonondry Madagascar relay facility, in Swahili. Woman communication; 1628 UT Man says ID; IS. Fair reception: 3~45533.
(Jose Ronaldo Xavier, Cabedelo-PB-BRA, hcdx Aug 3)

MALAYSIA: 11665 kHz RTV Malaysia - Kajang near K-L, 0318 UT 'Wai FM' programming in the Iban language. Music and chat. Fair to poor signal, July 16.
(Rob Wagner VK3BVW, Mount Evelyn-Vic-AUS; via NASWA Electronic Flashsheet #1213 July 20)

MALI: 5995 kHz July 19 at 1851 UT, R Mali in token English for a few minutes on Saturdays only. Checking several remotes in Canary, Morocco, Spain, Sicily, Greece, Kuwait, Qatar, RSA, most getting nothing or too little except for TWR Johannesburg, but it's insuff, only S7 vs high noise level. The OM speaker is more intelligible than the YL with a heavy French? accent.

I recall that Fuerteventura, Canary Islands used to work best for this, but not now shown on the KiwiSDR roster. However, I do find and reach EA8BFK via another roster, almost too late: S=9+20/30dB at 1901 UT still English, mentioning the Malian Association of Teachers of English, and something about Nelson Mandela. 1903 UT wrapping up with frequency 92.0, and "may God bless Mali" at 1904 UT bit of music and switch to another language.

(Glenn Hauser-OK-USA, via NASWA Electronic Flashsheet #1213 July 20)

MYANMAR: 5915* kHz Myanma R - Nay Pyi Daw capital site, 1208 UT Local pops, 1216 UT Burmese annmts and extended talk 1222 UT - back into easy listening music. Fair signal on this clear channel July 19.

(Rob Wagner VK3BVW, Mount Evelyn-Vic-AUS; via NASWA Electronic Flashsheet #1213 July 20)

*5914.977 kHz exact on Aug 2nd - WB.

5985 kHz Myanma Radio, Yegu, 1215 UT Traditional Burmese music with vocalists and Burmese instruments Pleasant listening to the highly complex melodic and harmonic structures of each song Brief annmts between selections Fair signal, July 19.

(Rob Wagner VK3BVW, Mount Evelyn-Vic-AUS; via NASWA Electronic Flashsheet #1213 July 20)

NETHERLANDS: 5954.99 kHz Radio Veronica, Westdorpe/Overslag (Zeeuws Vlaanderen), in Dutch, July 15, at 0321-0339 UT (5954.992 kHz per Uni Enschede Twente SDR, but no audio! Only loud splats.) playing pop, rock etc. songs (Dutch songs; a Robbie Williams' song; etc.), w/ woman dj talk after a track, man longer and brief talk at times, women jingle ID at 0334 UT; better in AM, slow and no deep qsb at times, light qrm splats at times, fair in am/ almost fair or poor at times/ later, qrm unidentified stop and go sound lasting about five seconds, as a kind of jamming/ poor or very poor/ almost fair when jamming is off.

(Gianni Serra-Roma-ITA, via NASWA Electronic Flashsheet #1213 July 20)

NEW ZEALAND: 7425 kHz Radio New Zealand Pacific, Rangitaiki site, heard at 1108 UT on July 14 a sports round-up with emphasis on soccer scores. Mostly fair.

(Bob Brossell, Pewaukee-WI-USA, via NASWA Electronic Flashsheet #1213 July 20)

11725 kHz RNZ Pacific progr to Oceania in En, July 20, at 0728 - 0733 UT SIO 444 Mixed OM / YL in conversation. Talk of currency change to decimal system with focus on changes needed to office machines. Perhaps historical. 05.59-07.58 UT.

(Vince Henley-WA-USA, via NASWA Electronic Flashsheet #1213 July 20)

17675 kHz '**ABC Wantok**' from Rangitaiki, *2210-2240*UT, Tok Pisin service for Papua New Guinea target audience. In reality, beamed across the Pacific at 35 degrees from Rangitaiki PNG current affairs program. Back into regular RNZP programming at 2240 UT. Strong signal, July 17.

(Rob Wagner VK3BVW, Mount Evelyn-Vic-AUS; via NASWA Electronic Flashsheet #1213 July 20)

NORWAY: Northern Star is working on restarting two mediumwave transmitters.

1314 kHz **LLE-2** had a defect in the antenna matching, the repair of which was 'a challenge'. Nevertheless, the 1 kW transmitter was able to be put back into operation on 6 July 2025 with reduced power. Regular programming is expected to resume on 1 September 2025.

1314 kHz is a former frequency-protected main wave of NRK in Europe, which was operated with 1200 kW transmission power from 1982 onwards.

NRK gave up the frequency in 2006. In 2018, it was reactivated by Northern Star.

1575 kHz **LLE-4**, which broadcast on 1611 kHz until the end of 2023, has been assigned a new frequency. The new broadcasting licence (1 kW) is valid for six years and is to be activated in autumn // on the shortwave frequency 5895 kHz. The plan is to use the 2 kW transmitter with approx. 750 watts and modify the existing antenna for 1611 kHz. 1575 kHz is also an old Norwegian mediumwave frequency. It should offer better DX opportunities, as many former co-users are no longer active.

For meaningful reception reports sent to <styret2025@bergenkringkaster.no>, an e-QSL is promised.

(Svenn Martinsen-NOR ARC / wor, via Dr. Hansjoerg Biener-D, via wwdxc BC-DX TopNews July 12)

OMAN: 9780 kHz Wed, Aug 13 at 1901-1910 UT, BBC London, via ENC AI'Seela-OMA relay bcast center, in Oromo

language. Man announcer talking news, presumably; 1909 UT Music, ending oromo edition. Fair reception: 35533.

9780 kHz Wed, Aug 13, at 1910-1920 UT, BBC London, via ENC Al'Seela-OMA relay bcast center, in Tigrinya language. A brief music; Man and woman announcers talking news, presumably, w/ collaborators - A conversation w/ a reporter, I think!. Fair reception: 35533.

(Jose Ronaldo Xavier, Cabedelo-PB-BRA, hcdx Aug 13)

PALAU: 9965 kHz T8WH / Hope Radio, 0900z, July 20, to East Asia with religious programming. Listed in HFCC with 100 kW at 345degr using a 2x2 dipole curtain antenna. The prime azimuth is along the west coast of Korea but the array has a beamwidth of 40-45degr, so Japan and most of China are included in the main coverage Palau's commercial electric rate in 2024 was about \$0.45 per kWh so I'm guessing that it costs about \$75-\$100 per hour just for the electricity. If they run at half power the savings would be considerable.

(Jerry Lenamon-TX-USA, via NASWA Electronic Flashsheet #1213 July 20)

PERU: 4775.01 kHz **Radio Tarma**, Tarma, in Spanish, July 8, at 0008-0023. (4775.005 kHz per Uni Enschede Twente SDR, poor w/ 4.20 kHz filter in AMSync.) man long speech w/ excited voice, from some seconds to 0016 UT woman talk over lively music till some seconds past 0018 UT, same man brief talk ment "Tarma", other man and other woman talk in turns until 0021:26" UT, woman talk over music; better in usb/lb sync, non-stop rapid qsb, loud qrn, almost fair. (Gianni Serra-Roma-ITA, via NASWA Electronic Flashsheet #1213 July 20)

4810 kHz **Radio Logos**, Chazuta, 1005z, July 20 classical style music, maybe for a Sunday morning Audible only on LSB owing to massive noise from some sort of multiplex signal on 4815 kHz. Listed as 1 kW ND Chazuta is on the Huallaga River on the east slope of the Andes and is part of the Amazon basin Chazuta to central Texas is about 3000 miles at 333degr.

(Jerry Lenamon-TX-USA, via NASWA Electronic Flashsheet #1213 July 20)

4955 kHz **Radio Cultura Amauta**, which was reported only sporadically, could be observed again on several days before and after midnight UTC on 4955 kHz at the beginning of July 2025. In a broadcast on July 3, 2025, Facebook posts were read out and, in fact, a few minutes after the post, also that of a US-American shortwave listener.

(Lucio Otavio Bobrowiec-BRA, Richard Jon Stoller; wor via Dr. Hansjoerg Biener-D, July 12)

1500 kHz **Radio Santa Rosa**, Lima, Spanish, 17 July at 0256 UT. Commercial advertisements mention to the city of Lima, followed by the station's identification 'Radio Santa Rosa', 105.1 FM, 1500 kHz. Santa Rosa TV' 24332.

(Rudolf Grimm-Sao Bernardo-SP-BRA, hcdx July 21)

PHILIPPINES: 9399.968 kHz **FEBC Inba site**, Liangyou Mandarin Chinese progr from HKG bureau origin. 11.19 UT on Aug 2, S=6 in central JP far east Asia.

[selected SDR options, span 12.5 kHz RBW 15.3 Hertz]

(wb df5sx, wwdxc BC-DX TopNews Aug 2)

9920 kHz **FEBC Manila**, lba bcast center site heard at 1204 UT on July 16 a two-man discussion in listed Rade {to southern Vietnam/Cambodia mountain target, WB. - 9919.972kHz on Aug 2, also co-channel 9919.905 kHz TWN Sound of Hope Mandarin Chinese Falun Gong sect broadcast too, WB.}. Mostly poor.

(Bob Brossell, Pewaukee-WI-USA, via NASWA Electronic Flashsheet #1213 July 20)

12094.975 kHz **FEBC Manila** via Bocaue bcast center, Hmong national mountain people program in VTN/LAO target, S=9 signal into WeEUR SDR unit remotely at 22.40 UT on July 20.

[selected SDR options, span 12.5 kHz RBW 15.3 Hertz]

(wb df5sx, wwdxc BC-DX TopNews July 20)

12055.003 **FEBC Manila** via Bocaue center, at 23.30-23.45 UT Shan / Palaug mountain people sce in Myanmar/Thailand jungle. Endless boring sing-sang of prayer ...

15449.967 **FEBC Manila** via Bocaue center, S6 at 23.30-00.30 UT Burmese sce at 23.56 UT July 20.

[selected SDR options, span 12.5 kHz RBW 15.3 Hertz]

(wb df5sx, wwdxc BC-DX TopNews July 20)

ROMANIA: All mediumwaves and the longwave of Romanian radio SRR are (officially) switched off daily at 19:00-03:00 UTC since 1 August 2025.

In the morning, however, the MW transmitters seem to be switched on as early as 02:50 UTC; the LW as early as 02:30

OE(S)Z. I will check this more closely and also observe when the programme sound is actually switched in the morning. Only mediumwave can actually reach the large, partly mountainous country down to the last corner. In addition, there is the coverage of the Romanian minorities in the neighbouring countries. At night, the domestic programme could (at least until now) be received without any problems in large parts of Europe.

Due to the switch-off at 19:00 UTC, the political magazine "Agenda globala" at 19:00 UTC, which is broadcast on working days on the main programme Radio România Actualitati (RRA), and in my opinion very worth listening to, as well as the radio drama programme "Teatrul radiofonic" at 20:00 UTC, are now no longer available on the mediumwave. Football matches are also often broadcast in the evening hours; since last Friday, the MW broadcast has simply been interrupted in the middle of the match.

The austerity measure is apparently part of the Romanian government's extensive austerity package, which came into force on 1 August 2025 and is aimed at reducing Romania's national debt.

(Alexander Busneag-D, via wwdxc BC-DX TopNews Aug 4 / 5 / 8)

Information has appeared that the English service of Radio Romania International is again confirming eQSL reports and filling in the data itself. This morning I received an e-QSL for my letter and report to RRI dated last February (and I did not even request one !).

They tell me that they have only just received the new designs for this year and are in the process of clearing the backlog of listener reports. A new 'card' will be issued every two months. Now at least they are filling out the reception data themselves, although it means more work for their correspondence section. Previously this was left to the listener, which contradicts the whole object of the station actually confirming the reception of their broadcast.

(Alan Holder_G4ZBH; Isle of Wight, U.K., wor.iog; via Anatoly Klepov-RUS, RUSdx #1352 via wwdxc BC-DX TopNews July 27)

RUSSIA: 4625-USB mode Tue, July 29, at 0212-0225 UT, UVB-76 The Buzzer, B2 Buzzer Site (Naro-Fominsk-RUS) Regular buzzer pips arriving good in my area: 45554 Note: My last log this Station:

4625-USB Tue, Aug 3, 2021 at 0055-0105 UT, UVB-76 "The Buzzer", Naro-Fominsk-RUS. The Buzzer arrives fair, here, in my area: 35553 A period.

9995-USB Tue, July 29 at 0259-0305 UT. RWM site, Taldom-RUS (Near Moscow). Time Signal Station w/ CW identification (ID) Fair reception: 35543 Note: 9995-9996 kHz, better on USB.

9995-USB Tue, July 29, at 2014-2043 UT, RWM site, Taldom-RUS Time Signal Station; Pips each a second and double pips each a minute, this time; 2020-2030 UT Multiple pips in the next 10 minutes; 2030-2038 UT A continuous pip next 8 minutes; 2038-2039 UT A minute silence; 2039-2040 UT CW ID, I think! 2040 UT Begins a repetition pips each a second and double pips each a minute. Fair reception: 35543 Note: It's a Transmission Cycle.

(Jose Ronaldo Xavier-Cabedelo-PB-BRA, hcdx July 29)

SPAIN: 15500 kHz Mon Aug 4 at 2215 UT, dead air in token English to N America from SNR; but into UTwente the other three well audible: 15520.001 S9+20, 15389.992 S9+15 and 17715.014 S9+15 all into UTwente. By 0020 direct, only 17715 remains on, VG direct. One wonders if each antenna be hardwired into a certain transmitter; or can they choose which beam is most dispensable?

(Glenn Hauser-OK-USA, wor & hcdx Aug 5)

Re SPAIN Aug 5 at 22.11 UT REE Noblejas not on air 15500 kHz, but 15389.991 kHz, S=9+20dB in Edmoton-AB-CAN, 15520 even also on air and 17715.013 kHz S=9+10dB; all in Spanish language, 22.00 til 22.30 UT.

[selected SDR options, span 12.5 kHz RBW 15.3 Hertz]

(wb df5sx, wwdxc BC-DX TopNews Aug 5)

After 39 years at Radio Nacional de Espana Salamanca, Mauricio Molano <<http://moladx.blogspot.com>> retired in July 2025. In the past, he always made sure that mediumwave friends received their QSL from RNE stations.

(Dr Hansjoerg Biener-D, via wwdxc BC-DX TopNews July 12)

SWITZERLAND: SRG SSR, short return(s) to FM.

Although the Swiss public service has officially abandoned FM since 31 December 2024, it is not unusual for FM transmitters to make a brief return to the airwaves. The transmitters are still there, they are maintained and they undergo regular tests.

And with good reason: the FM networks are still part of the emergency radio system managed by the Federal Office for Civil Protection (FOCP).

The FOCP can take control of all 800 FM transmitters belonging to the three SRG broadcasters (SRF, RTS, TSI) to broadcast information to the population in the event of a crisis, under the name Radio IPCC. The programmes are produced from its own studios, set up in bunkers at the crisis centre.

The FM network is due to be maintained until 2027. At that time, it will be replaced by a new system, called 'Cell Broadcast', which will operate in parallel with the 'Alert Swiss' application and the siren network.

What if the FM transmitters were neutralised? Don't worry, they have a Swiss Army knife. If the SSR transmitters were neutralised by enemy forces, stations equipped with back-up transmitters would come into action.

These transmitters are located all over Switzerland. It is impossible to locate them, as they are a military secret: they are under the responsibility of the Swiss army and are installed underground, in bunkers. Only the tip of the station can be seen, like a tiny pyramid, above ground. To broadcast, a 30-metre telescopic antenna is deployed.

An emergency radio service that costs a whopping 20 million Swiss francs or euros a year.

(Radio Magazine via Facebook, August 23, via Walter Eibl-D)

TAIWAN: 9670 target radio '**R Dap Loi Song Nui**' from Paochung Taiwan site, 1227 UT prior to s/on, there was a strong txer hum 1230 UT s/on in Vietnamese with clear IDs and commentaries. Good signal except for the hum and adjacent channel splash QRM from the super strong CNR 5 Cross-Strait R on 9665 kHz July 19.

(Rob Wagner VK3BVW, Mount Evelyn-Vic-AUS; via NASWA Electronic Flashsheet #1213 July 20)

9885 {9884.997 - wb.ed. 11.34 UT} **RTI (Danshui Taipei site)**, 1100UT, 16 July Mandarin Chinese. Woman speaking until top of hour time pips. Man then spoke Jamming from mainland not noted. Too noisy to translate. Fair.

(Tony Pavick-BC-CAN, via NASWA Electronic Flashsheet #1213 July 20)

9940 kHz target radio '**Nippon no Kaze**' from Paochung TWN site, 1300 UT, on 16 July in Korean. Standard sign on over music Woman speaking. Too noisy to translate. Fair.

(Tony Pavick-BC-CAN, via NASWA Electronic Flashsheet #1213 July 20)

7340 kHz **National Unity Broadcasting Station** (Danshui TWN site), at 1200 UT, 22 July in Korean. Sign on by woman over dramatic music, However, translation software did not see it as being an ID. Rather it seemed to be a message about the suspension of broadcasts to North Korea by the United States and South Korea.

The woman said (in translation): "We sincerely hope that our newsroom which is the door to the world for ... will be with you for a long time". She then continued with a bulletin of news including a story about refugee and relief efforts in Palestine. Very good signal.

(Tony Pavick-BC-CAN, via NASWA Electronic Flashsheet #1214 July 27)

9470 kHz RBS '**Revival Broadcasting System**' (Paochung relay site), at 1400 UT on 22 July. Korean Crash start with woman giving ID and frequency. She then spoke about how citizens of North Korea are also considered as citizens of South Korea. In speaking about citizens of North Korea escaping the country to China she compared this with Oskar Schindler's saving of Jews during World War 2. Very good reception.

(Tony Pavick-BC-CAN, via NASWA Electronic Flashsheet #1214 July 27)

9685 kHz '**Furusato No Kaze**' target radio from Paochung-TWN site, at 1430 UT on 10 Aug. Japanese. Sign-on announcement by woman. Song by children's choir followed. Noisy. Fair // 9705 kHz.

(Tony Pavick-BC-CAN, via NASWA Electronic Flashsheet #1217 Aug 17)

9705 kHz '**Furusato No Kaze**' target radio from Paochung-TWN site, at 1430 UT on 10 Aug. Japanese. Sign-on announcement by woman. Song by children's choir followed. Noisy. Good // 9685 kHz.

(Tony Pavick-BC-CAN, via NASWA Electronic Flashsheet #1217 Aug 17)

TURKEY / KURDISTAN: Radio band range 25 metre band around 11.5 MHz:

Total switch off of both radio war services noted this week, no signals also July 18 and 19 anymore: nothing from Emirler site of Erdogan's security forces Osmanic culture program / music jamming, and also nothing observed of Kurdish national radio program 'Denge Gel' from probably Yerevan Gavar relay site in Armenia anymore.

This is a side event of the recent peace efforts between the Kurdish nationals opposition since the mid 70s in Turkey and their armed struggles against the Osmanic-Turkish nation state of 1922 and present President Erdogan, who wants to use this to secure votes for the next presidential elections; in order another term for Erdogan then.

(Wolfgang Bueschel-D, July 19)

UNITED ARAB EMIRATES: 13650 kHz Tue, July 29, at 1941-1950UT, WRN - Radio Slovakia International,

via ENC Al'Dhabbaya-UAE, in Russian. Two men announcers talking; 1943 UT An old song; 1945 UT ID: RSI; Woman talking w/ music bg, piano; A conversation w/ a woman. Fair reception: 35533.
(Jose Ronaldo Xavier-Cabedelo-PB-BRA, hcdx July 29)

UNITED KINGDOM {CHAD target radio - WB.} Ndarason <<https://ndarason.com>> has reorganised and dismantled its long-standing broadcasting schedule in the course of June 2025.

At the beginning of June 2025, it was halved from six to three hours:

0500-0600 UTC 6195 kHz

0600-0700 UTC 15505 kHz

1800-1900 UTC 12050 kHz

The following transmission schedule was then confirmed at the end of June and beginning of July:

0500-0600 UTC 9540 kHz WOF

1800-1900 UTC 15420 kHz WOF {but measured odd fqy like ENC DHA-UAE site}

In contrast to the six-hour programme schedule, the music has largely disappeared. The programmes that were not // to one of the two FM streams are now word-oriented. As a rule, the programmes are in African languages.

On 4 July 2025, however, you could hear an interesting broadcast in French.

(Dr. Hansjoerg Biener-D, via wwdxc BC-DX TopNews July 12)

9540 kHz **Radio Ndarason Internationale** via ENC Woofferton bcast center, 14 July Tune-in at 0525 UT to talk in Vernacular, African-type songs, interview, Ndarason jingle ID's. Fair.

(Tony Rogers-Birmingham-UK; NASWA Electronic Flashsheet #1213 July 20)

15420 kHz Wed, Aug 13, at 1841-1850 UT, **Radio Ndarason Internationale** progr, via ENC Woofferton-U.K., in Kanuri language. Woman and man announcers talking; 1844 UT Brief music and man communication; 1847 UT Music; 1949 UT Returns man announcer. Poor reception: 25422.

(Jose Ronaldo Xavier, Cabedelo-PB-BRA, hcdx Aug 13)

15505 kHz **Radio Ndarason Internationale** via ENC Woofferton UK site, 15 July. Tune-in at 0655 UT for last few minutes of broadcast, which cut at 0759 UT followed by a few seconds of the Encompass signature tune before carrier went off. Good.

(Tony Rogers-Birmingham-UK; NASWA Electronic Flashsheet #1213 July 20)

9500 kHz Sat Aug 9 at 1932 UT, '**Radio Love Warbler**', really neat birdcalls and other sounds mixing, on fortnightly repeat, via Woofferton ENC site, S=9+30/35dB into Uni Enschede Twente remotely. 1958UT announces address: <radio.love.warbler@gmail.com> open carrier and off.

Details here: <<https://www.creativefolkestone.org.uk/artists/hanna-tuulikki/>>

Next airings will be at 1900-2000 UTC on Sat Aug 23 to Southeast Europe and Middle East, Sat Sept 6 to East Africa and Tue Sept 23 to Southeast Africa, all on 9500 kHz.

(Glenn Hauser-OK-USA, wor & hcdx Aug 9)

15265 kHz Wed, Aug 13, at 1830-1840 UT, **KBS World Radio** Seoul, via ENC Woofferton-U.K. relay site, in Russian. A rap song; Man announcer talks; 1837 UT Woman talks, too; She says ID. Fair reception: 35533.

17670 kHz Wed, Aug 13, at 1851-1859 UT, **IBRA Media - Radio Sama**, via ENC Woofferton-U.K. relay site, in Sudanese Arabic. A musical space; 1859 UT Man talks, says ID and more; Ending edition. Good reception: 45544.

(Jose Ronaldo Xavier, Cabedelo-PB-BRA, hcdx Aug 13)

U.S.A.: VOA / Greenville-NC broadcast center developments.

On Aug 11, former Greenville technician Glenn Swiderski tells me: "The agency allowed Greenville to get two technicians back to work. Also, Kari Lake's right-hand and the boss of OCB are visiting Greenville next week, to see the station. Lake's guy is pro-shortwave from what I understand. Also the new (?) 100 kW Continental rig is on site. Good things to come? Who knows. Glenn Swiderski".

(Glenn Hauser-OK-USA, wor & hcdx Aug 15)

George Jacobs P.E. 17_July_1924 - 2_July_2025 R.I.P.

I have a lot of experiences and memories of regular contact by phone and fax services to George Jacobs as chief of VoA Frequency Division or High Adventure Ministries relays manager of Tbilisi Georgia relay site, in the 80ties and 90ties enquiring about any propagation or interference difficulties with their various shortwave frequencies.

I often remember deep night phone calls about 2 AM UTC here in Germany Western Europe, and accompanying waking up the whole family though... also the fax machine procedures ... in a good sense.

George was one of the strong personalities of the USA and the entire non-communist world for decades in his respective obligatory professional posts.

(Wolfgang Bueschel-D, July 2025)

5920 kHz Sun, Aug 10 at 0207-0220 UT **WTWW** & Program TOM, Lebanon-TN, in English. Dead Pastor Brother Stair makes a sermon, a recorded sermon, of course; He says "Brother Stair" two times; 0210 UT A hymn by choir; 0213 UT Man announcer says ID and address; He makes a prayer; A hymn; 0217 UT Returns Brother Stair w/ a preaching. Fair reception: 45433.

(Jose Ronaldo Xavier, Cabedelo-PB-BRA, hcdx Aug 10)

9930 kHz **WTWW**, 1300 UT 16 July En. Slightly distorted audio for Overcomer Ministry broadcast. Top of hour ID with power given as 100,000 watts. In reality they are only running 70,000 Watts. Overcomer continued with woman singing something very poorly. Good.

(Tony Pavick-BC-CAN, via NASWA Electronic Flashsheet #1213 July 20)

9330 kHz Sat, Aug 2, at 2219-2235 UT, **WBCQ** - 'World's Last Chance Radio', Monticello-ME, in Portuguese. Woman talking, ID; 2220 UT Now, two man announcers say about biblical facts w/inconsequential interpretations. Good reception: 45544.

(Jose Ronaldo Xavier, Cabedelo-PB-BRA, hcdx Aug 2)

17525 kHz on Aug 11 at 2206 UT, **WMLK** Bethel PA state, back on air with DEJOM, S=9+10dB signal direct, gone at next check 2239 UT, no signal into Uni Enschede Twente where it's aimed, whilst 17790 kHz WRMI from FL state audible S5/S7. Registered sked for 17525 kHz is 1730-2230 UT.

On May 20 I noted that 17525kHz had not been heard since March 8. Possibly has been on sometimes but off before 2200 UT when I usually start monitoring.

9274.999- kHz Aug 11 at 2306 UT, **WMLK**'s 3rd frequency is also on with hymn soprano solo, S=9+20dB into UTwente. 2307 UT another to the tune of "Danny Boy". 0206 UT on Aug 12, still on huxtering, S=9+20/30dB into Europe.

(Glenn Hauser-OK-USA, via NASWA Electronic Flashsheet #1217 Aug 17)

Re my **WMLK** logs: "I logged them on both 15150 kHz and 17525 kHz Friday Aug 15 Midday Pacific time. It being daylight they initially both started out rather poor but did improve by sign off on 17525 kHz. But it is worth noting that they give out wildly inaccurate broadcast schedule information at sign off. To my ears it sounded like he said that 17525 kHz was on the air from 1700 to 2200 UT.

I also note that Elder Jacob O Meyer has been spewing some interesting conspiracy theories as of late. Black Helicopters and End Times and Last Days. I will admit however, that a segment he did several months ago about the history of the Mennonite people in that part of Pennsylvania was very very interesting. Tony Pavick, Hope BC".

(via Glenn Hauser-OK-USA, wor & hcdx Aug 17)

9980 kHz **WWCR** Nashville TN state, at 2025 UT on 26 July. Amanda Dawn Christie's presentation. Requiem for Radio (Canada International). Ambient music with snippets of CW, IDs and ISs fading in and out. Signal fair to poor with QSB. (Tony Pavick-BC-CAN, via NASWA Electronic Flashsheet #1214 July 27)

5935 kHz Wed, Aug 13, at 0242-0252 UT, **WWCR #2**-University Network, Nashville-TN, in English. Woman announcer talking, preaching, during this log and beyond. Fair reception: 35533.

(Jose Ronaldo Xavier, Cabedelo-PB-BRA, hcdx Aug 13)

12160 kHz Sat Aug 9 at 1700 UT, 'The Talking {sic} Machine Show' on **WWCR**, we resort to SW of WWCR-2 since one stream link plays the commercial over and over, and the other is dead. Normally blasts in on 12160 kHz, but weak and fadey today with propagation disturbance, K index 5.33 with G1/R1 storms per WWV.

(Glenn Hauser-OK-USA, wor & hcdx Aug 15)

12050 kHz Wed, Aug 13, at 0145-0155 UT, **EWTN - Radio Catolica Mundial**, Vandiver-AL site, in Spanish. EWTN News by man announcer; 0152 UT Woman announcer in conversation w/ a catholic cleric; Man communication. Fair reception: 35533.

(Jose Ronaldo Xavier, Cabedelo-PB-BRA, hcdx Aug 13)

7505 kHz on Sun Aug 10 at 0645 UT, **WRNO** New Orleans, S=9+25/30dB, English, someone testifies that he recovered from something. On rare occasions, WRNO on air way late past usual close circa 0400 UT ? *Never* occupies entire

registered span of 2200-1600 UT as in Aoki; EiBi database guesses: 0100-0300 & 0300-0730 UT English, 0300-0430 UT irr. Hindi service.

(Glenn Hauser-OK-USA, hcdx & wor Aug 10)

USA 9264.986 kHz weak to fair S=7 signal in western EUR SDR unit remotely, 00.12 UT on Sunday July 21. **WINB** Red Lion PA state.

[selected SDR options, span 12.5 kHz RBW 15.3 Hertz]

(wb df5sx, wwdxc BC-DX TopNews July 21)

UZBEKISTAN: 7530v kHz Sat, July 12, at 2111-2120 UT. The **Voice of The Martyrs**, via RRTM Telecom Tashkent Uzbekistan Shortwave Transmitting bcast center, in Korean. Woman announcer preaching, presumably. Poor to barely audible reception: 25521.

7605v kHz Sat, July 12, at 2051-2059 UT. **Free North Korea Radio**, via Tashkent-UZB, in Korean. Man/woman announcers talking, alternately; 2055 UT Woman talking and a song by woman and choir. Poor reception: 2~35422.

7625 kHz Sat, July 12, at 2121-2130 UT. **The Voice of The Martyrs**, Tashkent-UZB, in Chinese. Man announcer preaching during this log. Barely audible reception: 25421.

(Jose Ronaldo Xavier-Cabedelo-PB-BRA, wor July 13)

11590 kHz {SoAsian IBRA section} **IBRA Radio** from RRTM Telecom Tashkent Uzbekistan Shortwave Transmitting bcast center, 0012 UT on July 7 in Bengali OM w/ excited talk (likely preaching), faded down to barely audible by 0027 UT.

(Mark Taylor, Lake Farm Park-WI-USA, via NASWA Electronic Flashsheet #1213 July 20)

13660.004 kHz **FEBA Radio** India/SoAS subcontinent program in Hindi, Wed to Sun px, via RRTM Telecom Tashkent Uzbekistan Shortwave Transmitting bcast center. Sat 14.36 UT S=9+10dB, scheduled 14.30-15.00 UT.

[selected SDR options, span 12.5 kHz RBW 15.3 Hertz]

(wb df5sx, wwdxc BC-DX TopNews Aug 2)

VANUATU: 7260 kHz Aug 15 at 0548 UT, JBA carrier, even weaker than the 7235 kHz mystery. R Vanuatu is back here, not heard on 9960 kHz last night nor tonight. Ron Howard-CA-USA found it on 7260 kHz at 0505 UT into NZ SDR remote Kiwi_net SDRs. Zach Liangas-GRC says it changed again to 3945 kHz after 0700 UT. {yes 3945 even at 09.20 UT noted in Edmonton-AB-CAN, WB.}

(Glenn Hauser-OK-USA, wor & hcdx Aug 15)

9960 kHz R Vanuatu, 0659 UT on 25 July, in Bislama Promos and advts until presumed ID at 0701:40 UT. News items followed. Adjacent channel bleed from WRMI Okeechobee-FL on 9955 kHz. Fair.

(Tony Pavick-BC-CAN, via NASWA Electronic Flashsheet #1214 July 27)

VATICAN STATE: Pope Leo XIV at broadcast centre in Santa Maria di Galeria.

Pope Leo XIV used Corpus Christi (19 June 2025) for a visit to the broadcasting centre of Vatican Radio in Santa Maria di Galeria. Corpus Christi is a normal working day in Italy and is therefore only celebrated on the following Sunday. In a short TV interview for TG1, the news programme of the public broadcaster RAI, the Pope reaffirmed the importance of Radio Vatican for regions that are difficult to reach. Leo also mentioned the agrivoltaic project planned on the site, which could cover the electricity needs of the Vatican.

The Pope was not yet familiar with the broadcasting centre, which was launched in 1957 under Pius XII, from his own experience. However, Leo XIV emphasised how good the shortwave broadcasts from Radio Vatican had been for him as a missionary in Latin America. "Often even in the mountains, where there were no other possibilities. Radio Vatican could always be received there at night. I had a small radio with which this was possible. Also later, during my travels as Superior General of the Augustinians in Africa, in various countries - at night I always found news, a good word - this service of Radio Vatican was very important ..."

With a view to the planned world's largest agrivoltaic project, in which biological products would grow in the shade of the photovoltaic panels, Leo said: "Let's hope that everything goes well! It will really be an ecologically valuable contribution, also for the good of the entire region - Italy and the Vatican - in connection with the photovoltaic project."

The ultimate goal of the project is to make the Vatican the first state in the world to be fully powered by renewable energy, the Pope said: "There are still agreements to be concluded with the (Italian) state, but it really is a great

opportunity. And I think this commitment of the Church sets a very important example to the world."
 (<<https://www.vaticannews.va>> heavily edited by Dr Hansjoerg Biener-D, via wwdxc BC-DX TopNews July 12)

VENEZUELA: 4940 kHz 'Estacion 4940' radio stn near CLM border; 02 Aug, 0936-0939 UT, latin mx, 25322.
 (Lucio Otavio Bobrowiec, Embu-SP-BRA, hcdx Aug 3)

VIETNAM: 11885 kHz Sat, Aug 2, at 2006-2016 UT, The Voice of Vietnam, Hanoi Sontay-VTN site, in German.
 Woman announcer presents a newsletter; 2013 UT Ending news and begins a theme about Vietnam. Fair reception:
 35533. Parallel on 9730 kHz, son, 25522.
 (Jose Ronaldo Xavier, Cabedelo-PB-BRA, hcdx Aug 2)

9840 kHz Voice of Vietnam via Son Tay site near Hanoi, at 1414 UT on Aug 12. Young sounding female delivering
 commentary in listed Japanese. Fair signal.
 (Bob Coomler, Tucson-AZ-USA, via NASWA Electronic Flashsheet #1217 Aug 17)

9839.969 kHz as usual odd fqy, noted 13.00-13.30UT in Indonesian, S=8 signal strength into Doha Qatar ME remotely
 at 13.11 UT Aug 20. (ed. WB.)

Editor's info desk was closed for this edition at 16:00 hours UTC on August 24th, 2025.

Sources & Contributors:

A-DX - e-mail exchange - Austria

BC-DX - TopNews Bulletin by Wolfgang Bueschel (**wb & WB**) - Stuttgart - Germany

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

Prof. Dr. Hansjörg Biener (hjb) - Nuremberg - Germany

Others as stated in 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:

Be = Beijing /China, Bib = Biblis /DL, BOT = Botswana, CHN = China, CLN-TRM = Sri Lanka Trincomalee, Du =
 Dushanbe /TJK, ERV = Erivan /Armenia, F = ISS = Issoudun /France, FI = RMI = Okeechobee (Florida) /USA, HAB
 = Habana /Cuba, Ho = Hohhot /CHN, HRI= WHRI Cypress Creek /USA, Jin = Jinhua /CHN, Kash = Kashgar/CHN,
 Ka = Kingsway (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, QVC = Qivican /CUBA, Row = Rohrbach Waal /DL, RUS = Russia incl.
 Sibiria, SAI = Saipan (MRA), STP = São Tomé, SWZ = Eswatin (formerly Swaziland), 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 = Asia, Aus = Australia; Eu = Europe, FE = Far East, LAm = Latin America, 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):

(*) = Digital Radio broadcast (DRM) v = variable irr / # = irregular / technical problems

/USB = upper sideband, /LSB = lower sideband, alt.: (QRG) = alternative frequency



DX LOGBOOK

Logs around the clock

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MEDIUMWAVE BAND

| Frequency | UTC | SINPO | ITU | Radio Station | Language | Programme Details | Date | Rep. |
|-----------|------|-------|-----|------------------|-----------|-------------------------|------|------|
| 576 | 2145 | 43433 | BUL | BNR Horizont | Bulgarian | Bulg, ID, NX, WX, Pop | 0408 | SG |
| 648 | 2220 | 44444 | G | Radio Caroline | English | E, Rockpop, ID, Rock | 0408 | SG |
| 693 | 2240 | 44444 | G | BBC Radio 5 | English | E, Polit talks, ID | 0408 | SG |
| 1458 | 2115 | 45444 | G | Lyca Radio | English | ID, adv, Tamil pop, ID | 0408 | SG |
| 1467 | 2130 | 45444 | F | TWR-Europe relay | Arabic | A, ID, bible bc messias | 0408 | SG |

SHORTWAVE BANDS

| Frequency | UTC | SINPO | ITU | Radio Station | Language | Programme Details | Date | Rep. |
|-----------|------|-------|-----|------------------------|----------|---------------------------|------|------|
| 3955 | 2000 | 45544 | G | KBS-WR via WOF | German | D, ID, NX, Hörerecke | 0507 | SG |
| 3955 | 2200 | 34433 | D | Pop Shop Radio | English | E, ID, Rockpop | 0208 | SG |
| 5840 | 1855 | 45444 | HOL | Mike Radio | English | E, ID, Rochmusic | 0208 | SG |
| 5900 | 1900 | 45444 | BUL | RTI via Kostinbrod | German | ID, NX, B, WX, HBF | 2507 | SG |
| 5900 | 1900 | 45444 | BUL | RTI via Kostinbrod | German | ID, NX, B, WX, HBF | 0108 | SG |
| 5920 | 0425 | 34433 | USA | WTWW Lebanon | English | E, ID, TOM bible bc | 1907 | SG |
| 5920 | 0500 | 33433 | D | HCJB-Weenermoor | German | D, ID, NX, Andacht | 1907 | SG |
| 5920 | 2103 | 35433 | D | HCJB-Weenermoor | German | D, ID, Medienmagazin | 2007 | SG |
| 5930 | 0505 | 35433 | DNK | WMR Bramming | English | E, LA-Pop, ID, LA-Pop | 1907 | SG |
| 5955 | 0830 | 35433 | HOL | Radio Veronica | Dutch | Dutch, E, Rockpop, ID | 1807 | SG |
| 6005 | 1000 | 35433 | D | RSI via Kall | German | D, ID, NX, Hörerecho | 2107 | SG |
| 6005 | 1030 | 35433 | D | RSI via Kall | English | E, ID, NX, Letterbox | 2107 | SG |
| 6005 | 1900 | 45444 | BUL | RTI via Kostinbrod | French | F, ID, NX, MX, rpt | 2407 | SG |
| 6020 | 0550 | 35433 | HOL | Radio Casanova | D-Du-E | ID, Rockpop, RRs | 2707 | SG |
| 6020 | 0710 | 35433 | HOL | Radio Casanova | D-Du-E | ID, Rockpop, RRs | 0308 | SG |
| 6055 | 1030 | 55544 | D | Ev Missionsgemeinde | German | D, IS, ID, Lied, Thema | 1307 | SG |
| 6070 | 0520 | 45444 | D | RWI | English | E-F, ID, Pop; chanson | 1907 | SG |
| 6070 | 0550 | 45444 | D | Channel 292 | English | E, ID, Rockpop, ID | 2007 | SG |
| 6070 | 0600 | 45444 | D | RNI Goldtausch | German | D, ID, RNI Goldtausch | 1907 | SG |
| 6070 | 0600 | 45444 | D | RWI | French | F-E, ID, Pop; chanson | 2007 | SG |
| 6070 | 0600 | 35433 | D | RWI | French | F-E, ID, Pop; chanson | 2707 | SG |
| 6070 | 0700 | 35433 | D | Bobs 60s Splash | English | E, ID, Rockpop oldies | 0208 | SG |
| 6070 | 0700 | 45544 | D | SuperClan Radio | English | E, ID, Rockpop | 0308 | SG |
| 6070 | 0800 | 45444 | D | Offshore History Radio | English | E, ID, golden days | 1907 | SG |
| 6070 | 0800 | 35433 | D | Jake FM | German | ID, Jake FM KW show | 0208 | SG |
| 6070 | 0800 | 35433 | D | Radio City | English | E, ID station of the cars | 2607 | SG |
| 6070 | 0900 | 35433 | D | Channel 292 | English | E, ID, Rockpop | 2607 | SG |
| 6070 | 0900 | 35433 | D | Jake FM | German | ID, Jake FM KW show | 0208 | SG |
| 6070 | 0900 | 35433 | D | Radio DARC | German | ID, Afu; Technik; Pop | 0607 | SG |

| | | | | | | | | |
|-------|------|-------|-----|--------------------------|----------|---------------------------|------|----|
| 6070 | 1100 | 35433 | D | SMRD via Ch292 | German | ABBA; Jub 50 Karat | 1307 | SG |
| 6070 | 1500 | 35433 | D | Offshore History Radio | English | E, ID, RNI story | 1307 | SG |
| 6070 | 1600 | 35433 | D | SMRD via Ch292 | German | ABBA; Jub 50 Karat | 1307 | SG |
| 6070 | 1700 | 43333 | D | PowerDecade | German | ID, F-Radio, Musiklotto | 0108 | SG |
| 6070 | 1715 | 45544 | D | Radio Carpathia | English | E, ID, Eastern Rockpop | 1207 | SG |
| 6070 | 1800 | 45544 | D | PowerDecade | German | D, ID, Live Musiklotto | 1107 | SG |
| 6070 | 1800 | 45544 | D | Schlagerheilo | German | Happy Lux; Retroshow | 1207 | SG |
| 6070 | 1800 | 45444 | D | Radio PowerRumpel | German | D, ID, ann, ST; Sd 100 | 1307 | SG |
| 6070 | 1800 | 45444 | D | Jake FM | German | ID, Jake FM KW show | 2707 | SG |
| 6070 | 1800 | 43333 | D | PowerDecade | German | ID, F-Radio, Musiklotto | 0108 | SG |
| 6070 | 1900 | 45444 | D | Jake FM | German | ID, Jake FM KW show | 2707 | SG |
| 6070 | 1900 | 45544 | D | Schlagerheilo | German | Happy Lux; Retroshow | 1207 | SG |
| 6070 | 1900 | 45544 | D | Crusader Radio | English | E, ID, ann, bibel, gospel | 1107 | SG |
| 6070 | 1900 | 45544 | D | CMO | German | D, ID, adr, div. Musik | 1307 | SG |
| 6070 | 2000 | 45544 | D | Schlagerheilo | German | Happy Lux; Retroshow | 1207 | SG |
| 6070 | 2100 | 45544 | D | Schlagerheilo | German | Happy Lux; Retroshow | 1207 | SG |
| 6085 | 0822 | 35433 | D | Radio Mi Amigo Intl.. | English | E, ID, ann, Rockpop, ID | 2107 | SG |
| 6095 | 0800 | 45544 | D | Welle 370 via Nauen | German | D, IS, ID, Funkerberg | 0308 | SG |
| 6095 | 1100 | 45544 | D | SMRD via Nauen | German | ABBA; Jub 50 Karat | 1307 | SG |
| 6105 | 0200 | 45444 | F | NHK Radio Japan | Japanese | J, ID, ann, NX, rpt, Pop | 1507 | SG |
| 6105 | 0300 | 45444 | F | NHK Radio Japan | Japanese | J, ID, ann, NX, rpt, Pop | 1507 | SG |
| 6130 | 0845 | 35433 | HOL | Radio Europe | English | E, ID, Rockpop, ID | 1807 | SG |
| 6140 | 0640 | 45444 | LUX | Radio Onda | French | F, ID, Rockpop, ID | 2007 | SG |
| 6140 | 0835 | 35433 | LUX | Radio Onda | German | D, R Gloria Diskurs, ID | 2107 | SG |
| 6150 | 0842 | 35433 | D | Europa 24 | German | Pop, ID, NX, WX, Pop | 2107 | SG |
| 6150 | 0857 | 35433 | D | Europa 24 | German | Pop, ID, NX, WX, Pop | 1807 | SG |
| 6160 | 1800 | 35444 | D | Shortwave R. Winsen | English | E, ID, SW-Gold Jazz | 0308 | SG |
| 6160 | 2123 | 45444 | D | Shortwave R. Winsen | German | ID, AGDX-SAQ Jub100 | 2007 | SG |
| 6160 | 2130 | 45444 | D | Shortwave R. Winsen | English | E, ID, World of Radio | 2007 | SG |
| 6165 | 0300 | 45444 | TUR | TRT | English | E, IS, ID, NX, MX, rpt | 1207 | SG |
| 6180 | 0600 | 35433 | D | DWD Pinneberg | German | D, Seewetterberichte | 1907 | SG |
| 6180 | 0600 | 35433 | D | DWD Pinneberg | German | D, Seewetterberichte | 2707 | SG |
| 6285 | 2153 | 45444 | HOL | Radio Continental | English | Ids, Rockpop, Party, cd | 2007 | SG |
| 7275 | 0300 | 55544 | TUR | TRT | English | E, IS, ID, NX, MX, rpt | 1207 | SG |
| 9500 | 0500 | 45444 | ROU | RRI | French | F, IS, ID, NX, rpt, MX | 2707 | SG |
| 9540 | 0500 | 44444 | G | R Ndarason International | Kanuri | A, ID, ann, rpt, talk | 2707 | SG |
| 9620 | 1840 | 45544 | IND | Akashvani - AIR | English | E, ID, ann, spotlight | 0208 | SG |
| 9620 | 1920 | 45544 | IND | Akashvani - AIR | Arabic | A, ID, ann, MX, rpt | 0108 | SG |
| 9620 | 1930 | 45544 | IND | Akashvani - AIR | French | F, IS, ID, ann, MX, rpt | 0108 | SG |
| 9670 | 0800 | 15311 | D | Radio City | English | E, ID station of the cars | 2607 | SG |
| 9670 | 0900 | 34433 | D | Channel 292 | English | E, ID, Rockpop | 2607 | SG |
| 9670 | 0900 | 55544 | G | Radio DARC | German | ID, Afu; Technik; Pop | 1307 | SG |
| 9670 | 1200 | 25322 | D | TRSW | English | E, ID, adr, Bobby Fuller | 0308 | SG |
| 9670 | 1200 | 15311 | D | Jake FM | German | ID, Jake FM KW show | 2707 | SG |
| 9670 | 1800 | 45444 | CHN | CRI | Persian | Persian, IS, ID, rpt, MX | 2507 | SG |
| 9700 | 0558 | 45544 | ROU | RRI | German | D, IS, ID, NX, MX, rpt | 1907 | SG |
| 9750 | 1800 | 45444 | CVA | BBC-WS-Relay | French | F, ID, NX, rpts, MX | 0208 | SG |
| 9750 | 1828 | 55544 | TUR | TRT | English | E, IS, ID, NX, P, rpt | 0208 | SG |
| 9770 | 0530 | 45444 | TUR | TRT | Turkish | MX, ID, rpt, MX | 1907 | SG |
| 9830 | 1830 | 45444 | GUM | KSDA | Korean | Korean, IS, ID, bible bc | 0308 | SG |
| 11700 | 0430 | 35433 | F | RFI | French | F, ID, rpt ME, Gaza | 2007 | SG |
| 11725 | 1600 | 45444 | CHN | CRI | German | D, IS, ID, trad MX only | 1507 | SG |
| 11960 | 0530 | 55544 | ROU | RRI | English | E, IS, ID, NX, MX, rpt | 2007 | SG |
| 11960 | 0530 | 55544 | ROU | RRI | English | E, IS, ID, NX, MX, rpt | 2707 | SG |
| 11995 | 1730 | 45444 | TWN | RTI Tamsui | German | D, ID, Direktsendung | 2707 | SG |

| | | | | | | | | |
|-------|------|-------|-----|------------------|------------|--------------------------|------|----|
| 11995 | 1730 | 45444 | TWN | RTI Tamsui | French | F, ID, Direktsendung | 0208 | SG |
| 13635 | 0850 | 55544 | TUR | TRT | Turkish | MX, rpt, ID, MX | 2107 | SG |
| 13830 | 1630 | 44444 | CVA | Vatican Radio | English | ID, African Service | 1107 | SG |
| 15105 | 1545 | 45544 | SWZ | TWR-Africa | Vernacular | Vernacular, ID, bible bc | 1107 | SG |
| 15115 | 1700 | 45444 | F | NHK Radio Japan | Japanese | J, ID, ann, sport, MX | 0108 | SG |
| 15115 | 1820 | 45444 | F | NHK Radio Japan | Japanese | J, ID, ann, Popmusic | 0108 | SG |
| 15125 | 1600 | 45444 | MLI | CRI-Relay Bamako | Arabic | A, IS, ID, NX, MX, rpt | 2507 | SG |
| 15130 | 1530 | 45544 | ROU | RRI | Arabic | A, IS, ID, NX, MX, rpt | 1107 | SG |
| 15145 | 1700 | 45444 | TWN | RTI Tamsui | German | D, ID, Direktsendung | 2707 | SG |
| 15145 | 1700 | 45444 | TWN | RTI Tamsui | French | F, ID, Direktsendung | 0308 | SG |
| 15150 | 1000 | 55544 | ROU | RRI | French | F, IS, ID, NX, MX, rpt | 1307 | SG |
| 15160 | 0900 | 35433 | KOR | KBS-WR | Korean | Korean, IS, ID, NX, rpts | 1707 | SG |
| 15160 | 1528 | 45544 | ROU | RRI | Arabic | A, IS, ID, NX, MX, rpt | 1107 | SG |
| 15240 | 1515 | 35433 | IRN | IRIB | Arabic | A, ID, rpt, ID, MX | 1107 | SG |
| 15245 | 1540 | 44544 | CHN | CRI | English | E, ID, rpt economy | 1107 | SG |
| 15250 | 1600 | 45444 | CHN | CRI | English | E, IS, ID, NX, ASEAN | 1107 | SG |
| 15275 | 1600 | 44444 | F | DW via Issoudun | Amharic | Amharic, ID, NX, rpts | 1107 | SG |
| 15280 | 0530 | 45444 | IND | Akashvani - AIR | Arabic | A, IS, ID, ann, MX | 2007 | SG |
| 15300 | 1845 | 35433 | F | RFI | French | F, ID, rpts, MX | 0208 | SG |
| 15350 | 0500 | 45444 | CHN | CRI | English | E, IS, ID, NX, rpts | 2807 | SG |
| 15350 | 0910 | 45444 | CHN | CRI | English | E, ID, rpt, MX, ID, rpt | 1807 | SG |
| 15350 | 1130 | 45544 | TUR | TRT | German | D, IS, ID, NX, HBF | 1007 | SG |
| 15350 | 1130 | 45444 | TUR | TRT | German | D, IS, ID, NX, HBF | 2007 | SG |
| 15390 | 1550 | 45433 | E | REE | Spanish | S, ID, rpt sociales | 1107 | SG |
| 15430 | 0910 | 45422 | IRN | IRIB | Arabic | rpt, MX, bad modulation | 1707 | SG |
| 15500 | 2200 | 35433 | E | REE | English | E, TS, ID, ann, NX, rpts | 1107 | SG |
| 15520 | 1550 | 45544 | E | REE | Spanish | S, ID, rpt sociales | 1107 | SG |
| 15520 | 2145 | 45544 | E | REE | Arabic | A, ID, ann, rpts | 1107 | SG |
| 15520 | 2200 | 45544 | E | REE | English | E, TS, ID, ann, NX, rpts | 1107 | SG |
| 15520 | 2230 | 45544 | E | REE | French | F, TS, ID, ann, NX, rpts | 1107 | SG |
| 15565 | 1800 | 45444 | CVA | Vatican Radio | Portuguese | P, IS, ID, campo rpt | 0208 | SG |
| 15665 | 0900 | 45444 | CHN | CRI | Russian | R, ID, rpt, MX, familia | 2107 | SG |
| 15700 | 1010 | 35433 | DNK | WMR Randers | English | E, Rockpop, ID's | 1307 | SG |
| 15720 | 0900 | 45444 | TUR | TRT | Persian | Persian, ID, rpt, MX | 2207 | SG |
| 15770 | 0430 | 45444 | USA | WRMI - Wavescan | English | history FEBA-BBC | 0308 | SG |
| 15770 | 0459 | 45444 | USA | WRMI | English | adr, WRMI Rockpop | 0308 | SG |
| 15770 | 0530 | 35433 | USA | WRMI | English | Supreme Master TV, ID | 2707 | SG |
| 15770 | 2045 | 35433 | USA | WRMI | English | E, ID, Viva Miami | 1907 | SG |
| 15770 | 2100 | 35433 | USA | WRMI | Italian | I, ID in E, Love Italy | 1907 | SG |
| 17490 | 1000 | 45544 | CHN | CRI | English | E, ID, rpt business | 2207 | SG |
| 17510 | 0500 | 45444 | CHN | CRI | English | E, ID, rpt Taliban | 2107 | SG |
| 17570 | 0915 | 55544 | CHN | CRI | English | E, ID, rpt space program | 1807 | SG |
| 17600 | 0935 | 35433 | ALG | Ifriky FM | French | F, MX, ID, rpt, ID, MX | 2107 | SG |
| 17600 | 1000 | 35433 | ALG | Ifriky FM | Arabic | A, ID, rpt, ID, MX | 1207 | SG |
| 17615 | 0500 | 45444 | CHN | CRI | German | D, IS, ID, trad MX only | 2007 | SG |
| 17620 | 0900 | 45444 | CHN | CRI | Romanian | IS, ID, NX, rpt | 2207 | SG |
| 17630 | 1000 | 45444 | ROU | RRI | French | F, IS, ID, NX, rpt, MX | 1307 | SG |
| 17630 | 1548 | 44433 | MLI | CRI-Relay Bamako | English | E, ann, rpt, ID, cd | 1107 | SG |
| 17640 | 0445 | 45544 | CHN | CRI | Russian | R, MX, ID, rpt cultura | 2007 | SG |
| 17650 | 1000 | 55544 | CHN | CRI | Chinese | C, ID, rpts, MX | 2107 | SG |
| 17660 | 0925 | 55544 | F | RFI | French | F, MX, ID, rpt, ID, MX | 2107 | SG |
| 17730 | 0500 | 45544 | CHN | CRI | English | E, ID, ann, NX, rpt, MX | 2107 | SG |
| 17740 | 1000 | 45544 | TUR | TRT | French | F, IS, ID, ann, NX, rpts | 1407 | SG |
| 17765 | 1600 | 45544 | CHN | CRI | French | F, IS, ID, NX, MX, rpt | 1407 | SG |
| 17800 | 1600 | 34433 | F | DW via Issoudun | Amharic | Amharic, ID, NX, rpts | 1107 | SG |

| | | | | | | | | |
|-------|------|-------|-----|-----|---------|---------------------|------|----|
| 21490 | 0925 | 35433 | CHN | CNR | Chinese | C, ann, ID, rpt, MX | 1807 | SG |
| 21580 | 0900 | 34433 | F | RFI | French | F, NX, ID, MX, rpt | 2107 | SG |
| 21645 | 0910 | 34433 | CHN | CNR | Chinese | C, rpt, ann, ID, MX | 2107 | SG |
| 21690 | 0900 | 34433 | F | RFI | French | F, NX, ID, MX, rpt | 2107 | SG |

Thanks a lot to our club member for his contributions:

SG : Siegbert Gerhard, Frankfurt am Main, Germany. AOR AR 7030 + 5m-EMF (Electric Magnetic Field) Antenna & Degen DE 1103 + Telescopic.

Dear Friends,

Welcome to the August/September edition of Logbook.

Thanks to Siegbert for his loggings,

Ashok Kumar Bose

| | | |
|--|---|--|
|  | <h2>QSL CORNER</h2> <p>Editor: Dario Gabrielli, Viale della Resistenza 33b, 30031 Dolo (Ve), ITALY eMail: <qsl@wwdxc.de></p> |  |
|--|---|--|

With the hope that you are spending or have already spent a nice holiday with your family naturally accompanied with your receivers, I thank everyone for your contributions that keep this page alive. I remind all contributors to always write, at the end of their contribution, their call signs (if known), name, surname and the city and city in which they live, so that the editors can fill in their section in the best possible way. Also remember that at the beginning of the month we send you a reminder to contribute on this page. Anyone who does not receive this reminder and wishes to receive it can send their email address to the page editor, who we remind you is: <qsl@wwdxc.de>. We remind you that we editors also need some rest, so we remind you that the next contributions for this page must reach the editorial staff no later than October 10, 2025 at 10:00 pm UTC.

My best 73, *Dario*

BULGARIA: Radio Taiwan International 5900 kHz via Kostinbrod (Bulgaria). German Programme. Full data colour QSL card in English (2025-8 Mount Mabolasi) received in 17 days in reply to report sent to: <deutsch@rti.org.tw> (HB)

Radio Taiwan International 5900 kHz via Kostinbrod (Bulgaria). German Programme. Full data colour QSL card in English (2025-7 Qilai Mountain Range) received in 21 days in reply for e-mail report to German service <deutsch@rti.org.tw> (HB)

Radio Taiwan International 5900 kHz via Kostinbrod. QSL received in 40 days in reply to report sent to: <deutsch@rti.org.tw> (BS)

Radio Taiwan International 5900 kHz via Kostinbrod. QSL received in 42 days in reply to report sent to: <deutsch@rti.org.tw> (BS)

FINLAND: Important information from Radio Blacksmith Knoll at <<https://rbsk6120.radio.am>>: "We've Left Google – Here's What You Need to Know [...] We've made a clean break from Google and moved all our email services to a self-hosted, independent platform. As part of this transition, all our contact addresses have changed.

[from <blacksmith.knoll@gmail.com> to <CONTACT@RBSK6120.RADIO.AM>]

We recommend updating your records accordingly. If you recently tried to reach us via our old Gmail address, you should have received an automatic reply asking you to resend your message manually to the new address. This was a deliberate choice. We opted not to forward emails automatically because we don't want Google pushing advertising clutter and spam into our new inbox. We're keeping the new system clean, focused, and aligned with its intended purpose: meaningful communication. Thanks for your understanding - and for staying in touch on our own terms.

(<<https://rbsk6120.radio.am/2025/07/29/weve-left-google-heres-what-you-need-to-know>> via Dr. Hansjoerg Biener)

GERMANY: CM Obrecht 6070 kHz via Channel 292. E-QSL received in 1 day in reply to report sent to: <c.obrecht@swissonline.ch> (BS)



FMK 3955 kHz via Radio HCJB. E-QSL received in 5 days in reply to report sent to: <Kunos-radiothek@web.de> (BS)

From the Isle of Music 9670 kHz via Channel 292. E-QSL received in 1 day in reply to report sent to: <tilfordproductions@gmail.com> (BS)

HCJB 3995 kHz via Weenermoor. German programme. E-QSL and letter, including an audioclip received in 46 days in reply to report sent to: <info@hcjb.de> (GK)

Little Emperors 6070 kHz via Channel 292. E-QSL received in 38 days in reply to report sent to: <Little.Emperors@mail.com> (BS)

Niklaus Blaser Punkt 6070 kHz via Channel 292. E-QSL received in 1 day in reply to report sent to: <radiorbbsw@bluewin.ch> (BS)

Nouri Streichert (Musikallee, Steel Guitar via Channel 292)/Henry Norman (Henry Norman Show via WRMI Okeechobee) has this to share about reception reports via WebSDRs: "Many listeners tell me that they hear my programs via Kiwis. While this is not classic DX, I do confirm these reception reports. As to myself, I am a pure DXer. I only write reports about broadcasts that I have received on my Philips D29999. But as a radio producer, I have a different perspective. While I prefer classic shortwave as a DXer, it is important for me as a radio producer to see whether my programs are received. As a radio producer, I am happy that my programs are heard and that the listeners enjoy my programs. If the contact turns into a pleasant conversation, I am pleased that the listeners also engage with my programs, the music, and my presentations. Therefore, I do not see kiwi listening as a replacement for classic shortwave, but rather as a supplement. Therefore, I confirm these reports, in contrast to to many other broadcasters."

(Nouri Streichert <henrynormanshow@gmail.com> via Dr. Hansjoerg Biener)

PopshopRadio 9670 KHz via Channel 292. E-QSL received in 1 day in reply to report sent to: <radiopopshop@gmail.com> (BS)

Radio PowerRumpel 6070 kHz via Channel 292. E-QSL received in 6 days in reply to report sent to: <radiopr@partyheld.de> (BS)

Radio Slovakia International 6005 kHz via Radio 360. QSL received in 17 days in reply to report sent to: <rsi_german@rtvs.sk> (BS)

Radio Slowakei International 6005 kHz via Radio 360. QSL received in 39 days in reply to report sent to: <rsi_german@rtvs.sk> (BS)

Radio Tirana via WWDXC web site. QSL received in 14 days in reply to report sent to: <juxhinngjelina@gmail.com> (BS)

Radio Waves International 6070 kHz via Channel 292. E-QSL received in 2 days in reply to report sent to: <Radiowavesint2015@gmail.com> (BS)

Uncle Bills Melting Point 3955 kHz via Channel 292. E-QSL received in 1 day in reply to report sent to: <tilfordproductions@gmail.com> (BS)

GUAM: KTWR Guam 9320 kHz. E-QSL received in 60 days in reply to report sent to: <asiafeedback@twr.org> (BS)

ITALY: Radio City 1323 kHz via IRRS. E-QSL received in 1 day in reply to report sent to: <citymorecars@yahoo.ca> (BS)

LUXEMBOURG: Radio Gloria 6140 kHz via Radio Onda Luxemburg. E-QSL received in 43 days in reply to report sent to: <pgalliker@radiogloria.ch> (BS)

TURKEY: TRT Voice of Turkey 15350 kHz. QSL received in 39 days in reply to report sent to: <deutsch@trt.net.tr> (BS)

UNITED KINGDOM: KBS World Radio 3955 kHz via Woofferton. QSL received in 45 days in reply to report sent to: <german@kbs.co.kr> (BS)

KBS World Radio 3955 kHz via Woofferton. QSL received in 38 days in reply to report sent to: <german@kbs.co.kr> (BS)

Transmitter test Woofferton 6145 kHz. Short music clips. Thank you mail of Dave Porter (Retired Senior Transmitter Engineer, Woofferton 1982 - 2012) received in 4 days in reply to e-mail to the announced address: <transmissiontest@gmail.com> (HB)

U.S.A.: Henry Norman Show via WRMI 15770 kHz. E-QSL received in 6 minutes in reply to report sent to: <qslmusikallee@gmail.com> (BS)



The reporters of this edition of QSL CORNER have been:

BS = Bernd Seiser, Ottenau, Germany
GK = Gerard Koopal, Almere, The Netherlands
HB = Dr. Hansjoerg Biener, Nuremberg, Germany

SWL / Media Programs in English, German & Spanish

March 30 – October 26, 2025 – V4 As of August 20th, 2025

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e-mail: <mail@wwdxc.de>

URL: <<http://www.wwdxc.de>>

DX & Media news, receiver reviews, radio features, letterbox programmes, tuning tips, propagation, satellites, computers, amateur radio and radio theory.

2nd Figures behind language symbols E, G or Sp, indicate weeks of the month. Times and days in UTC.

STL – Satellite transmission. drm = DRM – digital mode

Monday

0030 WRMI, E, "World of Radio" - 7780 NoCe&SoAM EUR
0030 WRMI, E, R Slovakia "Listeners Tribune" -
5850 15770 NoAM SoLatinAM EUR
0040 RRI Bucharest, E, 'Listeners Letterb.'- 11620 9550off NAM
0130 WRN to NoAM, E, "World of Radio" - AM AS AF PAC
satellite / webcast
0200 RRI Bucharest, Sp - 11820 15130 17760off CeSoAM
0230 WRMI, E, "Wavescan" - 5800 NoCe&SoAM
0245 WRMI, E, "Viva Miami" - 5850 No&SoAM EUR
0245 RHC Habana, E, Mailbag Show - 6000irr NoAM EUR
0250 BBCWS E, "Over to You" - DAB UK 198LW
0300 WRMI, E, R Slovakia "Listeners Tribune" -
7730 7780 NoAM SoLatinAM EUR
0320 TRT Ankara Emirler, E, Letterbox -
6165 7275 NoAF NE ME ARS UAE WeEUR NoAM
0342 RRI Bucharest, E, "Listeners Letterbox" -
9740-am 15330-drm NoAM SoAS
0400 VoHope Zambia, "Wavescan" E, CeAF SoAF -
9680voh - depends of main power
0445 RHC Habana, E, Mailbag Show - 6000irr NoAM EUR
0612 RRI Bucharest, G, Funkbriefkasten - 9700 11620off EUR
0800 WRMI, E, "SW Radiogram"-digit - 5850 No&CeAM EUR
0800 SW Radio Winsen, E, 'CQ Serenade' - 6160 EUR
0830 SW Radio Winsen, E, 'World of Radio' - 6160 EUR
1142 RRI Bucharest, E, "Listeners Letterbox" -
17630 21510 EUR EaAF
1315 WRMI, E, "Wavescan" - 9955 NoCe&SoAM EUR
1335 DeutschlandFunk Cologne, G, Medias-res
1400 WRMI, E, "Wavescan" - 9955 NoCe&SoAM EUR
1742 RRI Bucharest, E, "Letterbox" - 13750-drm 15180off EUR
1800 DARC Radio via ch292 Rohrbach Waal, G -
3955 6070 9670
1900 SW Radio Winsen "CQ Serenade" - 3975 6160 EUR
1930 SW Radio Winsen, E, 'World of Radio' - 3975 6160 EUR
2000 WRMI, E, "On The Media" - 15770 NoCe&SoAM EUR
2000 WRMI, Russian, "Radio Panorama" - 7730 No&CeAM EU
2200 WRMI, E, "Wavescan" - 9955 NoCe&SoAM EUR
2210 REE Madrid, E, Letters Mailbag - irregular, 2 x monthly
15390 15500 15520 17715 NE, EaAF, AF, SoAM, NoAM
2242 RRI Bucharest, E, "Listeners Letterbox" -
9740 11650 EaAS/JP EUR

Tuesday

0000 WRMI, Sp, "Antena DX" - 7780 NoCe&SoAM EUR
0030 WRMI, E, "Wavescan" - 7780 WeNoAM EUR
0042 RRI Bucharest, E, 'Listeners Letterb.'- 11620 9550off NAM
0100 WRMI, E, "Wavescan" - 5850 NoCe&SoAM EUR
0130 WRMI, E, "Viva Miami" - 5010 No&SoAM EUR
0130 WRMI, Sp, Frecuencia al Dia - 9955 No&SoAM EUR
0145 WRMI, E, "Viva Miami" - 5850 No&SoAM EUR
0200 WRMI, E, "On The Media" - 9395 NoCe&SoAM EUR
0330 WRMI, E, "World of Radio" - 7780 WeNoAM EUR
0342 RRI Bucharest, E, "Listeners Letterbox" -
9740-am 15330-drm NoAM SoAS
1130 WRMI, E, "Viva Miami" - 15770 No&SoAM EUR
1300 WRMI, E, "World of Radio" - 9955 webcast NoCe&SoAM
1330 WRMI, E, "Viva Miami" - 9955 NoCe&SoAM EUR
1335 DeutschlandFunk Cologne, G, Medias-res
1400 WRMI, E, "World of Radio" - 9955 webcast NoCe&SoAM
1430 WRMI, E, "Viva Miami" - 9955 NoCe&SoAM
1640 R Taiwan Internat, E, "Status Update" - 9405 6100alt AS
1830 IRRS, E, World of Radio - 7290-bul EU happened only once
1900 RRI Bucharest, Sp - 13860 15120off EUR WeAF
1930 IRRS, E, "Wavescan" - 1323 AM Italia, Italy
1932 BBCWS E, "Tech Life" - DAB UK 1413oma NE ME SoAS
2000 IRRS, E, "World of Radio" - 1323 AM Italia, Italy
2030 WRMI, E, "Wavescan" - 7730 NoCe&SoAM EUR
2100 RRI Bucharest, Sp - 15120off 15170-drm LatAM SoAM
2115 WRMI, E, "Viva Miami" - 15770 NoCe&SoAM EUR
2130 WRMI, E, "Wavescan" - 9955 NoCe&SoAM
2300 SW Radio Winsen "CQ Serenade" - 3975 EUR
2300 RRI Bucharest, Sp - 11730 15170 SoCeAM
2330 SW Radio Winsen, E, 'World of Radio' - 3975 EUR
2345 WRMI, E, "Viva Miami" - 9395 NoCe&SoAM EUR

Wednesday

0000 WRMI, Sp, La Rosa de Tokio - 7780 NoCe&SoAM EUR
0030 WRMI, E, "Wavescan" - 9395 NoCe&SoAM EU
0100 WRMI, Sp, La Rosa de Tokio - 5010 9955 CeAM EUR
0145 WRMI, E, 'CQ Calling' - 5850 NoCe&SoAM EUR
0200 RRI Bucharest, Sp - 11820 15130 17760off CeSoAM
0340 R Taiwan Internat, E, "Status Update" - 9405 AS
0532 Radio NZ Pacific, E, BBC 'Digital Planet' -
17675-til 0558 UTC AUS NZL PAC
0558 Radio NZ Pacific, E, BBC 'Digital Planet' -
11725 from 0558 UTC AUS NZL PAC
0800 WRMI, E, "Wavescan" - 5850 NoCe&SoAM
1101 KTWR Guam, E, 'DXers Diary IND' - 12105 SoAS SoEaAS
1200 Radio Slovakia Internat, "Hoererecho" G, Kall - 6005
1230 Radio Slovakia Internat, "Listeners Trib' E, Kall relay- 6005
1232 BBCWS E, "Tech Life" - DAB UK
15295oma 17790oma 21565mdg AF NE ME SoAS
1300 WRMI, E, "Wavescan" - 15770 NoCe&SoAM EUR
1300 WRMI, Sp, "Antena DX" - 9955 NoCe&SoAM
1330 WRMI, E, "SW Radiogram"-digit - 15770 Ce&SoAM EUR
1330 WRMI, E, 'CQ Calling' - 9955 NoCe&SoAM
1330 Radio Slovakia Internat, "Hoererecho" G, Kall - 6005

1335 DeutschlandFunk Cologne, G, Medias-res
 1400 Radio Slovakia Internat, "Listeners Trib' E, Kall relay– 6005
 1400 WRMI, Sp, Frecuencia al Dia – 9955 No&SoAM
 1430 WRMI, E, "CQ Calling" – 9955 NoCe&SoAM
 1500 BBC R4 E, "The Media Show" – 198LW DAB UK EUR
 1600 WRMI, E, "On The Media" – 15770 NoCe&SoAM EUR
 1645 R Taiwan Internat, E, "Status Update" repeat – 9405 AS
 1700 Radio Slovakia Internat, "Hoererecho" G, Kall – 3985
 1730 Radio Slovakia Internat, "Listeners Trib' E, Kall relay– 3985
 1846 VoVTN Hanoi Son Tay, G, "Letterbox" 9730 11885 EUR
 1900 SW Radio Winsen "CQ Serenade" – 3975 6160 EUR
 1930 SW Radio Winsen, E, "World of Radio" – 3975 6160 EUR
 2016 VoVTN Hanoi Son Tay, G, "Letterbox" 9730 11885 EUR
 2100 WBCQ, E, "World of Radio" – 7490v NoWeAM EUR
 2100 WRMI, E, "On The Media" – 9955 NoCe&SoAM EUR
 2210 REE Madrid, E, Letters Mailbag – irregular, 2 x monthly
 15390 15500 15520 17715 NE, EaAF, AF, SoAM, NoAM
 2230 WRMI, E, "Wavescan" – 9955 NoCe&SoAM EUR
 2330 WRMI, E, "World of Radio" – 9395 NoCe&SoAM

Thursday

0000 WRMI, Sp, Frecuencia al Dia - 7780 NoCe&SoAM EUR
 0030 WRMI, E, "Wavescan" – 7780 NoCe&SoAM EUR
 0100 WRMI, Sp, "Antena DX" – 9955 NoCe&SoAM EUR
 0100 WRMI, Sp, Frecuencia al Dia – 5010 NoCe&SoAM
 0130 WRMI, E, "World of Radio" – 5010 NoCe&SoAM
 0130 WRMI, E, "Wavescan" – 9955 NoCe&SoAM EUR
 0230 RHC Habana, E, Mailbag Show – 6000irr NoAM EUR
 0330 WRMI, Sp, Frecuencia al Dia – 7780 NoCe&SoAM EUR
 0430 RHC Habana, E, Mailbag Show – 6000irr NoAM EUR
 0815 WRMI, E, "CQ Calling" – 5850 NoCe&SoAM
 0906 BBCWS E, "The Media Show" – DAB UK EUR
 1000 Radio Slovakia Internat, "Hoererecho" G, Kall – 6005
 1030 Radio Slovakia Internat, "Listeners Trib' E, Kall relay– 6005
 1135 TRT Emirler, G, Hoerbriefkasten – 15350 CeEUR
 1300 WRMI, Sp, Frecuencia al Dia – 9955 NoCe&SoAM
 1330 WRMI, E, "Viva Miami" – 9955 NoCe&SoAM
 1335 DeutschlandFunk Cologne, G, Medias-res
 1400 WRMI, E, "Wavescan" – 9955 NoCe&SoAM EUR
 1430 BBC R4, E, "Feedback" – LW 198 DAB, online UK
 1430 WRMI, E, "Viva Miami" – 9955 NoCe&SoAM
 1444 RRI Bucharest, G, Netz Welt – 11880 13740off EUR
 1600 SW Radio Winsen "CQ Serenade" – 6160 EUR
 1630 SW Radio Winsen "World of Radio" – 6160 EUR
 1630 Polskie Radio Poland "HBF", G – 1386ltu EUR
 1700 WRN, Russian, "Radio Panorama" – 13650uae EUR AS
 1735 TRT Emirler, G, Hoerbriefkasten – 9840 CeEUR
 1844 RRI Bucharest, G, Netz Welt – 9570-drm 11750off EUR
 1900 BBC R4 E, "The Media Show" – 198LW DAB UK EUR
 2000 WRMI, Sp, La Rosa de Tokio – Internet only AM EUR
 2015 WRMI, E, 'CQ Calling' – 15770 NoCe&SoAM EUR
 2100 WRMI, E, "On The Media" – 15770 NoCe&SoAM EUR
 2100 WBCQ, E, Amateur Radio Roundtable / WOR –
 7490v NoAM
 2115 WRMI, E, 'Viva Miami' – 9955 NoCe&SoAM EUR
 2130 WRMI, E, "Wavescan" – 9955 NoCe&SoAM EUR
 2306 BBCWS E, "The Media Show" – UK DAB
 2330 WINB, E, "SW Radiogram"-digital AM mode – 9265 NoAM
 2330 WRMI, E, 'CQ Calling' – 9395 NoCe&SoAM EUR

Friday

0015 WRMI, E, "CQ Calling" – 9955 NoCe&SoAM EUR
 0030 WINB, E, "SW Radiogram"-digital mode – 9265 NoAM
 0030 WRMI, E, "Viva Miami" – 7780 NoCe&SoAM EUR
 0045 WRMI, E, "CQ Calling" – 7780 NoCe&SoAM EUR
 0115 WRMI, E, "Viva Miami" – 9955 NoCe&SoAM EUR
 0130 WRMI, E, "Wavescan" – 5010 NoCe&SoAM
 0132 BBCWS E, "Tech Life" – DAB 198LW UK EUR
 1413oma 9670tac 12095oma NE ME SoAS SoEaAS
 0500 WRMI, E, "Wavescan" – 7780 NoCe&SoAM EUR
 0530 WRMI, E, "SW Radiogram"-digital AM mode – 7780 NoAM
 1300 WRMI, E, "World of Radio" – 15770 NoCe&SoAM EUR
 1300 WRMI, E, "Wavescan" – 9955 NoCe&SoAM EUR
 1335 DeutschlandFunk Cologne, G, Medias-res
 1500 WRMI, E, "Wavescan" – 15770 NoCe&SoAM EUR
 1800 Power Rumpel, RTI Hoererkubecke via ch292 Rohrbach
 Waal Germany, G **Fri after 2nd Sun** – 6070 EUR
 1807 Voice of Indonesia, G, "HBF" – 3325pal 4750cim SoEaAS
 1910 R TWN-Int via Sofia-BUL, G, Hoererbrieffkasten - 5900 EUR
 2000 WRMI, E, "Wavescan" – Internet only NoCe&SoAM
 2000 IRRS, E, "Wavescan" – 1323 AM Italia, Italy
 2010 KBS World Radio Seoul, G, **x-last Fri** – 3955wof EUR
 2030 WRMI, E, "World of Radio" – Internet only NoCe&SoAM
 2030 IRRS, E, "World of Radio" – 1323 AM Italia, Italy
 2115 WRMI, E, 'CQ Calling' – 15770 NoCe&SoAM EUR
 2200 WRMI, E, "World of Radio" – 9955 NoCe&SoAM EUR
 2200 SW Radio Winsen, E, 'CQ Serenade' – 3975 EUR
 2230 SW Radio Winsen, E, 'World of Radio' – 3975 EUR
 2300 WRMI, E, "VOSWR International" - 5010 NoCe&SoAM

Saturday

0000 WBCQ, E, 'Alan & Angela Worldwide' –
 3265-irr 5130v 6160v 7490v NoAM
 0030 WRMI, E, R Slovakia "Listeners Tribune" –
 5850 7730 15770 NoAM SoLatinAM EUR
 0030 WRMI, Sp, "Antena DX" – 7780 NoCe&SoAM EUR
 0100 WRMI, E, "Wavescan" - 5850 NoCe&SoAM
 0230 WINB, E, "SW Radiogram - digital" AM mode – 9265 NoAM
 0300 WRMI, E, R Slovakia "Listeners Tribune" –
 7730 7780 NoAM SoLatinAM EUR
 0300 WRMI, E, "VOSWR International" - 9455 NoCe&SoAM
 0300 WTWW, E, "World of Radio" – 5085 No&SoAM EUR irr.
 0430 HCJB DX-Medien Weenermoor, G – 3995 5920 EUR
 0430 HCJB Weenermoor, G, AGDX-px by Olaf Mertens **3rd** –
 DX-Medien **x3rd x4th Sat**
 ADXB-OE Suess/ Brazda items **4th** 3995 5920 EUR
 0530 WRMI, E, "Wavescan" – 7780 NoCe&SoAM EUR
 0800 WRMI, E, "Viva Miami" – 5850 NoCe&SoAM
 0800 IRRS Radiocity, via ch292 Rohrbach Waal Germany, E
 4th Sat – 6070 9670 EUR
 0800 Jake FM, RTI Hoererkubecke via ch292 Rohrbach Waal
 Germany, G after **4th Sun** – 6070 EUR
 0804 WDR5 Cologne, 'Toene/Texte/Bilder', G – FM, STL, DAB-S
 0850 BBCWS E, "Over to You" – DAB UK EUR

0930 WRMI, E, "World of Radio" – 7570 9455 No&CeAM
 0930 HCJB DX-Medien Weenermoor, G – 3995 5920 EUR
 0930 HCJB Weenermoor, G, AGDX-px by Olaf Mertens **3rd** –
 DX-Medien **x3rd x4th Sat**
 ADXB-OE Suess/ Brazda items **4th** 3995 5920 EUR
 1000 WRMI, Sp, Frecuencia al Dia – Internet only
 1000 SW Radio Winsen, E, 'CQ Serenade' – 3975 EUR irreg. ?
 1030 WRMI, E, "Wavescan" – Internet only
 1105 DeutschlandRadio Kultur, Berlin, G, 'Breitband Media' –
 FM, STL Astra, DAB-S
 1130 WRMI, E, "Viva Miami" – 15770 NoCe&SoAM EUR
 1130 KTWR Guam, E/Jp, 'DRM transmission' Japan target
 12105 FarEast Asia
 1142 RRI Bucharest, E, "Listeners Letterbox" –
 17630 21510 EUR EaAF
 1300 WRMI, E, "Wavescan" – 9955 No&SoAM EUR
 1320 SR2 Saarebruck, G, 'Medien cross und quer' –
 FM, STL Astra, DAB-S
 1400 SW Radio Winsen, E, 'CQ Serenade' – 6160 EUR
 1400 HCJB DX-Medien Weenermoor, G – 3995 5920 EUR
 1400 HCJB Weenermoor, G, AGDX-px by Olaf Mertens **3rd** –
 DX-Medien **x3rd x4th -Sat**
 ADXB-OE Suess/ Brazda items **4th** 3995 5920 EUR
 1430 DLF Cologne, G, 'Computer und Kommunikation' –
 FM, STL Astra, DAB-S
 1430 SW Radio Winsen, E, 'World of Radio' – 6160 EUR
 1600 Radio Sylvia, via ch292 Rohrbach Waal Germany, G
1st Sat – 3955 6070 EUR
 1600 WRN to NoAM, E, 'World of Radio' – AM EUR AS AF PAC
 1700 AUT Museumsradio DARC Radio – 1476 CeEUR
 1700 HCJB Weenermoor, G, AGDX-px by Olaf Mertens **3rd** –
 DX-Medien **x3rd x4th Sat**
 ADXB-OE Suess/ Brazda items **4th Sat** 3995 EUR
 1700 SW Radio Winsen, E, 'CQ Serenade' – 3975 6160 EUR
 1730 SW Radio Winsen, E, 'World of Radio' – 3975 6160 EUR
 1742 RRI Bucharest, E, "Letterbox" – 13750-drm EUR
 1800 WRN, Russian, "Radio Panorama" – 13650uae EUR AS
 1800 AUT Museumsradio DX-WK Austria – 1476 CeEUR
 1915 WRMI, E, "Viva Miami" – 15770 NoCe&SoAM EU
 1930 WRMI, E, "World of Radio" – Internet only NoCe&SoAM
 1930 WRN to NoAM, E, "World of Radio" – AS AF PAC
 2000 WRN to EUR, E, "World of Radio" – webcast EUR
 2000 WRMI, Sp, La Rosa de Tokio – Internet only NoCe&SoAM
 2015 WRMI, E, "Wavescan" – 7730 Ce&SoAM
 2030 WRMI, E, "Viva Miami" – 15770 NoCe&SoAM EUR
 2100 WRMI, E, "World of Radio" – 9395 NoCe&SoAM EUR
 2100 HCJB Weenermoor, G, AGDX-px by Olaf Mertens **3rd** –
 DX-Medien **x3rd x4th Sat**
 ADXB-OE Suess/ Brazda items **4th Sat** 3995 5920 EUR
 2106 Radio NZ Pacific, E, Mediawatch – 17675 AUS NZL PAC
 2115 WRMI, E, "Viva Miami" – 15770 NoCe&SoAM EUR
 2230 WRMI, E, "World of Radio" – 15770 NoCe&SoAM EUR
 2242 RRI Bucharest, E, "DX Mailbag" –
 9740 11650 EaAS/JP EUR
 2300 WRMI, E, "SW Radiogram"-digital – 9455 NoAM EUR

2300 WTWW, E, "World of Radio" – 9475 No&SoAM EUR irr.
 2300 WRMI, E, "Viva Miami" – 9395 NoCe&SoAM EUR
 2300 WBCQ, E, "Radio Timtron Worldwide" – 6160v NoAM
 2300 WRMI, E, "VOSWR International" - 15770 NoCe&SoAM
 2330 Nexus-Iba-IRRS-IPAR, E, "World of Radio" – webcast
 only worldwide

Sunday

0000 WRMI, E, "Wavescan" – 7780 NoCe&SoAM EUR
 0030 WRMI, Sp, "Frecuencia al Dia" – 7780 NoCe&SoAM EUR
 0042 RRI Bucharest, E, 'Listeners Letterb.' - 11620 NoAM
 0100 WRMI, E, "Wavescan" – 9395 NoCe&SoAM EU
 0100 WWCR Nashville, E, "Wave Radio Show" –
 4840 NoAM EUR
 0100-0400 WBCQ, E, "Shortwave Saturday Night" – 7490v NoAM
 0130 WWCR Nashville, E, "Wavescan" – 4840 NoAM EUR
 0130 WRN to NoAM, E, "World of Radio" – webcast only
 0215 WRMI, E, 'CQ Calling' – 5800 NoCe&SoAM
 0330 WRMI, E, "Wavescan" –
 7570 7780 9395 NoCe&SoAM EU
 0342 RRI Bucharest, E, "Listeners Letterbox" –
 9740-am 15330-drm NoAM SoAS
 0400 WWCR Nashville, E, "Ask WWCR" – 4840 NoAM EUR
 0430 WRMI, E, "Wavescan" – 15770 NoCe&SoAM EUR
 0430 HCJB DX-Medien Weenermoor, G – 3995 5920 EUR
 0450 BBCWS E, "Over to You" – 12095mdg NE AF
 0700 VoHope Zambia, "Wavescan" E, CeAF SoAF –
 9680voh - depends of main power
 0719 InfoRadio, Rundfunk Berlin-Brandenburg (rbb), G,
 'Medienmagazin' – FM, DAB+, STL Astra digital?
 0800 Welle370 via MBR NAU/ISS, G – **1st Sun** – 6095 EUR
 0815 WRMI, E, "Viva Miami" – 5850 NoCe&SoAM EUR
 0900 WRMI, E, "SW Radiogram"-digit – 7780 No&CeAM EUR
 0900 DARC Radio via ENC Woofferton U.K. relay, G – 9670
 0900 DARC Radio via ch292 Rohrbach Waal, G – 6070
 0900 SW Radio Winsen, E, 'CQ Serenade' – 6160 EUR
 0930 HCJB DX-Medien Weenermoor, G – 3995 5920 EUR
 1000 Radio Slovakia Internat, "Hoererecho" G, Kall – 6005
 1000 Joystick, G, via TDF Issoudun **1st Sun** – 11805 EUR
 1000 Holland: "Delta Goes DX", E, – 9800 EUR
 1010 Radio NZ Pacific, E, Mediawatch – 7425 9700 PAC
 1025 InfoRadio, Rundfunk Berlin-Brandenburg (rbb), G,
 'Medienmagazin' – FM, DAB+, STL Astra digital
 1030 R Slovakia, E, "Listeners Tribune" Kall relay – 6005 EUR
 1030 WRMI, E, 'Wavescan' – 9955 NoCe&SoAM
 1030 WRMI, E, 'World of Radio' – webcast only NoCe&SoAM
 1030 WRN to NoAM, E, "World of Radio" – webcast AS AF PAC
 1100 SM Radio Dessau, "HBF", via ch292 Rohrbach Waal
 Germany, G **2nd Sun** – 6070 6095 EUR
 1100 Welle370 via ch292 Rohrbach, G **4th Sun** – 6070 EUR
 1115 WRMI, E, "Viva Miami" – 9955 NoCe&SoAM
 1135 TRT Emirler, G, Hoerbriefkasten – 15350 CeEUR
 1142 RRI Bucharest, E, "Listeners Letterbox" –
 17630 21510 EUR EaAF

1200 Radio Slovakia Internat, "Hoererecho" G, Kall – 6005

1200 Jake FM, RTI Hoererkлубecke via ch292 Rohrbach Waal
Germany, G **4th Sun** – 9670 EUR

1205 Bayern Radio Munich 5, G, Medienprogramm – FM EUR

1230 R Slovakia, E, "Listeners Tribune" Kall relay – 6005 EUR

1230 WRN to EUR, E, "World of Radio" – webcast EUR

1245 WRMI, E, "Viva Miami" – 9955 NoCe&SoAM EUR

1250 TRT Ankara Emirler, E, Letterbox – 17620 EUR NoAM

1300 Korches Radio, RTI DX-Tipps via ch292 Rohrbach Waal
Germany, G **2nd 3rd Sun** – 6070 EUR

1330 Radio Slovakia Internat, "Hoererecho" G, Kall – 6005

1400 Reach Beyond Australia, E, "Wavescan" – 11870 SoAS

1400 R Slovakia, E, "Listeners Tribune" Kall relay – 6005 EUR

1400 ch292, E, HRI DX Extra SW and Radio Nx **3rd** – 6070

1405 HCJB DX-Medien Weenermoor, G – 3995 5920 EUR

1414 RRI Bucharest, G, Funkbriefkasten – 11880 13740off EUR

1430 WRMI, E, "Shortwave Radiogram"-digit – 9955 No&SoAM

1550 IRIB Iran, E, 'Listeners Special' - 11710 SoEaAS AUS NZ

1600 KTWR Guam, E, "DXers Diary IND" - 15390drm AS SoAS

1630 Polskie Radio Poland "HBF", G – 1386ltu EUR

1650 TRT Ankara Emirler, E, Letterbox - 11660 ME CeAS SoAS

1700 HCJB DX-Medien Weenermoor, G – 3995 EUR

1700 Korches Radio, RTI DX-Tipps via ch292 Rohrbach Waal
Germany, G **2nd -Sun** – 6070 EUR

1700 AUT Museumsradio ISW P. Plattenkiste – 1476 CeEUR

1700 Radio Slovakia Internat, "Hoererecho" G, Kall – 3985 EUR

1730 R Slovakia, E, "Listeners Tribune" Kall relay – 3985 EUR

1730 WRN, Russian, "Radio Panorama" – 13650uae EUR AS

1735 TRT Emirler, G, Hoerbriefkasten – 9840 CeEUR

1740 RRI Bucharest, E, "Letterbox" – 13750-drm 15180off EUR

1800 VoHope Zambia, "Wavescan" E, CeAF SoAF –
4965voh depends of local main power

1800 DARC Radio via ch292 Rohrbach Waal, G – 3955

1800 Power Rumpel, RTI Hoererkлубecke via ch292 Rohrbach
Waal Germany, G **2nd Sun** – 6070 EUR

1800 Jake FM, RTI Hoererkлубecke via ch292 Rohrbach Waal
Germany, G after **3rd Sun** – 6070 EUR

1814 RRI Bucharest, G, Funkbriefkasten - 9570drm 11750offEUR

1820 Voice of Indonesia, G, "HBF" – 3325pal 4750cim SoEaAS

1850 TRT Ankara Emirler, E, Letterbox – 9750 WeEUR NoAM

1900 WRN to EUR, E, "World of Radio" – webcast EUR

1900 IRRS, E, "World of Radio" – 1323 AM Italia, Italy

1900 RRI Bucharest, Sp – 13860 15120off EUR WeAF

1900 AUT Museumsradio DARC Radio, G – 1476 CeEUR

1902 BBC R4, E, "Feedback" – LW 198 DAB, online UK EUR

1923 EGY Radio Cairo, G – 9410 EUR

1930 WRMI, E, "Wavescan" – Internet only NoCe&SoAM

1950 IRIB IRN, E, 'Listeners Special' - 11740 carrier only EUR AF

2030 WRMI, E, "Viva Miami" – 7730 NoCe&SoAM EUR

2050 TRT Ankara Emirler, E, Letterbox –
9875 SoAS SoEaAS AUS NZL SoPAC

2100 WRMI, E, "Wavescan" – 9395 EUR NoAM

2100 WRMI, E, 'World of Radio' – 15770 No&SoAM

2100 IRRS, E, "Wavescan" – 1323 AM Italia, Italy

2100 RRI Bucharest, Sp – 15120off 15170-drm LatAM SoAM

2100 SW Radio Winsen, E, 'CQ Serenade' – 3975 6160 EUR

2100 HCJB DX-Medien Weenermoor, G – 3995 5920 EUR

2130 WRMI, E, "Wavescan" – 15770 EUR NoAM

2130 SW Radio Winsen, E, 'World of Radio' – 3975 6160 EUR

2150 BBCWS E, "Over to You" – DAB UK EUR

2200 WRMI, E, R Slovakia "Listeners Tribune" - 5850 AM EUR

2220 TRT Ankara Emirler, E, Letterbox – 11785 WeEUR NoAM

2230 Reach Beyond Australia, E, "Wavescan" – 17650 Japan

2230 WRMI, E, "Wavescan" – 15770 EUR NoAM

2230 WRMI, E, "Wavescan" – 9395 9955 EUR NoAM

2242 RRI Bucharest, E, "Listeners Letterbox" –
9740 11650 EaAS/JP EUR

2300 WRMI, E, 'World of Radio' – 9395 No&SoAM

2300 WBCQ, E, "Radio Timtron Worldwide" – 5130 NoAM

2300 WBCQ, E, "Harry Shearer's Show" – 7490v NoCe&SoAM

2300 WRMI, E, "Wavescan" – 9455 AM EUR

2300 RRI Bucharest, Sp – 11730 15170 SoCeAM

2330 WRMI, E, 'World of Radio' – 9455 No&SoAM

(thanks to BrDXC-UK British DX Club A-25 DX px file item
on <<http://www.bdx.org.uk>>)

Hörfahrplan Deutsch

Sendeperiode A25

Stand: 20.08. 2025

Zeit (UTC) Station, Programm Frequenzen, Tag, Standort

..... 00:00

0000-2400 „Funklust“ **15785**/Erlangen, LP**
(ex biteXpress)

..... 01:00

..... 02:00

..... 03:00

..... 04:00

..... 05:00

..... 06:00

0600-0628 R Rumänien Int. **9700**
0600-0630 DWD **5905/PIN, 6180/PIN**
0600-1600 R HCJB **5920/Wee**
0600-1900 R HCJB **3995/Wee**
0600-1800 R Marabu **6150/R Europa 24; multi**
Plan: -20:00
0600-2400 „Channel 292“ **6070/ROW, 9670/ROW ;**
mehrere (regelmäßige +
irr.)
Programmanbieter;
auch E / Holl

..... 07:00

0700-1700 R Mi Amigo **6085/Eifel ; D+E**
0720-0730 R Bukarest **603, 909, 1197, 1314, 1593;**
So

..... 08:00

0800-0900 Welle 370 **6095/N; 1. So**
0800-1000 R Pecs **873, 1188**

..... 09:00

0900-1000 R DARC **6070/ROW, 9670/Wof; So**
0903-1000 RT Tunis **963 (NAf)**

..... 10:00

1000-1030 R Slowakei **6055/Eifel**
1000-1100 R Joystick **11805/Wof; 1. So**
1000-1100 R Temesvar **630**

1030-1100 Ev. Missionsgem. **6055/N; Sa+So**

..... 11:00

1100-1200 SE_TA 2 **6095/Ge ; irr.**
1100-1200 SM R Dessau **6070/ROW So;**
6095/Wof ; 2.So
1100-1200 R Bukarest **603, 909, 1197, 1314, 1593;**
Mo-Sa
1100-1200 welle 370 **6070/ROW; 4. So**
1130-1225 TRT Ankara **15350**

..... 12:00

1200-1230 DWD **5905/PIN, 6180/PIN**
1200-1230 R Slowakei Int. **6005/Eifel**
1200-1300 Korches R **6070/ROW; 2. + 3. So**
1200-1315 welle 370 **810/Berlin; LP; 3. So**

..... 13:00

1330-1358 R Slowakei Int. **6005/Eifel**

..... 14:00

1400-1455 R Rumänien Int. **11880**

..... 15:00

1500-1600 R DARC **6070/ROW, 9760/ROW; Mo**

..... 16:00

1600-1630 DWD **5905/PIN, 6180/PIN**
1630-1700 Polskie R **1386/LTU**
1600-1655 St. Koreas, Py. **9425, 12015**
1600-1700 SRF **3985/Eifel**
Echo der Zeit

..... 17:00

1700-1730 R Slowakei **3985/Eifel**
1730-1825 TRT Ankara **9840**

..... 18:00

1800-1855 St. Koreas Py. **9425, 12015**
1800-1900 R DARC **3955/ROW**
1800-1900 St. Indonesiens **3325, 4755 (SOAs)**
1800-1900 R Neumarkt **1197, 1323, 1593; Mo-Sa**
1800-1900 R Rumänien Int. **9570***
1810-1900 RT Tunis **963 (NAf)**
1830-1900 St Vietnams **9730, 11885**

..... 19:00

1900-1930 R Taiwan Int. **5900/BUL**
1900-1955 St. Koreas, Py. **9425, 12015**
1900-2000 R Kairo **9410x#**

..... 20:00

2000-2030 DWD **5905/PIN, 6180/PIN**
2000-2030 St Vietnams **9730, 11885**
2000-2100 KBS World **3955/Wof**

2000-2100 ZP 30 (Arg) 5920/Wee (Di-Sa)
 2000-2200 R Pecs 873, 1188

..... 21:00

..... 22:00

..... 23:00

.....

Die Deutsche Welle strahlt seit 2011 keine Sendungen mehr in Deutsch auf Kurzwelle aus.

**Sonderprogramme diverser Anbieter
 siehe aktuelle Meldungen**

**Zeitangaben in UTC = Mitteleuropäische Sommerzeit (MESZ) minus 2 Stunden /
 Time is UTC = MEST minus 2 hours**

Abkürzungen / abbreviations:

bei Station:

Int. = International, R = Radio, St = Stimme, Vo = Voice of

Senderstandorte bei Frequenz / transmitter sites:

ARM = Armenien, BUL = Bulgarien, Eifel = Kall Krekel (DL), Ge = Gera (DL), LTU = Litauen, N = Nauen (DL), PIN = Pinneberg (DL), ROW = Rohrbach Waal (DL), Wee = Weenermoor (DL), Wof = Woofferton / GB.

Technischer Hinweis bei Frequenz:

/USB = oberes Seitenband, /LSB = unteres Seitenband,
 /v = variabel, (multi) verschiedene. Sprachen und Anbieter
 # = meist schwieriger Empfang
 bzw. gelegentlicher Senderausfall,
 ## = derzeit inaktiv
 alt = alternativ
 x Frequenzänderung möglich
 * = digitale Sendungen (DRM),
 LP / ** mit geringer Sendeleistung
 (DRM-Empfang nur mit geeigneten Empfängern möglich)

Es sind nur Sendungen auf MW bzw. KW gelistet.

Die Auflistung erhebt keinen Anspruch auf Vollständigkeit, alle Angaben erfolgen nach bestem Wissen und ohne Gewähr. Einige Sendungen sind auch außerhalb der eigentlichen Zielgebiete hörbar. Kurzfristig sind Änderungen möglich, um z.B. störenden Stationen auszuweichen.

Mittelwellensendungen sind stets für die Region gedacht.

Kleinsender in DL (max 500 W ERP) sind auf

www.am-radio-stations.de gelistet.

www.plattenkiste.radio. (Österreich)

Es gibt noch eine Reihe lokaler Sender außerhalb Europas mit teils geringer Leistung (z.B. in den USA, Kanada, Brasilien, Australien) die stundenweise deutschsprachige Programme ausstrahlen (MW/UKW).

Die Sendeperiode A25 dauert bis Ende Oktober 2025.

Aktuelle Hinweise auf Änderungen und Ergänzungen sind stets willkommen an:

Redaktion: Walter Eibl, D-91074 Herzogenaurach

e-mail: >we@kwrs.de<

Radio Broadcasting in Iceland

Special thanks to Ray Robinson and Jeff White for sharing a recent edition of Wavescan on Iceland.

Iceland is a very rugged country in the North Atlantic, just below the Arctic Circle. It actually contains some 36 islands, most of them quite small, although the main one is about 300 miles long, east-west, and 200 miles wide, north-south, and with a coastline of over 3,000 miles due to the many deep fjords and inlets.

It is one of the least densely populated countries in the world, and still today only has a population of just less than 400,000 residents. The country is about the same size physically as the U.S. state of Kentucky, but with less than 1/10th of the population. About 60% of Icelanders live in and around the capital area of Reykjavik. The remainder of the population is mostly clustered in fishing villages around the coasts, and a few are engaged in herding and grazing. With no arable land and an inhospitable climate, there is no agriculture at all in the country. The center of the main island of Iceland has a number of volcanic peaks that rise to about 7,000 feet, surrounded by a huge central plateau that accounts for more than half the land area, with ice fields that are both uninhabited and uninhabitable.



Old RÚV QSL card for longwave reception via PLAYDX, Italy

The language of Iceland is Icelandic, which has evolved surprisingly little over the centuries from the Old Norse spoken in Norway by their Viking ancestors more than 1,000 years ago. Formerly a part of the Kingdom of Denmark like Greenland and the Faroe Islands, Iceland gained full independence from Denmark in 1918.

Radio broadcasting first came to Iceland in 1926, and in 1930 the Icelandic State Broadcasting Service (known as the R.Ú.V., pronounced Roov) was established. From then until 1984, RÚV enjoyed a legally enforced monopoly on all broadcasting in Iceland – both radio and TV – and all programming was exclusively in Icelandic.

There are no railroads in Iceland, and in the wintertime, many roads to remote towns and villages become impassable, so radio communication remains extremely important in Icelandic culture.

RÚV has a long tradition of using longwave radio to try to cover the entire population because medium wave frequencies were often subject to interference at night from stations that crowded the band in Europe. The capital, Reykjavik, is situated towards the southern end of a large bay on the west coast of Iceland, and in 1930, a longwave transmitter on 271 kHz was set up right on the edge of the city in a place called Vatnsendi. Initially this had low power, but in 1949, it was replaced with a 100 kW unit operating on 209 kHz, which was adjusted in 1978 to 207 kHz to comply with the new eastern hemisphere 9 kHz spacing band plan.

At the northern end of the bay, there is a 30 mile long peninsula that juts westward into the Atlantic Ocean, and in 1997, the main longwave transmission site was moved from Vatnsendi to a new location at the extreme western end of that peninsula, at a place called Hellissandur. The antenna mast there, which was first constructed for other purposes in 1963, is 1,352 feet high – one of the tallest structures in western Europe. The new transmitter began operating on 189 kHz, with an output power of 300 kW to cover Reykjavik and the entire mainland west of the central highland plateau – basically the western half of the country. The original pair of masts at Vatnsendi, which were erected in 1930, were finally toppled by explosives in August 2021.

In 1938, a secondary transmitter was located in the east at Eidar. Initially this operated on 615 kHz medium wave with just 1 kW. In the early 1950's it was replaced with a 5 kW unit, and then in 1965 it was converted to longwave, transmitting with 20 kW on 209 kHz (later adjusted to 207 kHz). In 1998, the antenna mast was reconstructed to a height of 720 feet, and the transmitter was replaced with a new 100 kW unit to cover all the eastern fishing villages, until its closure last year. The two frequencies of 189 in the west and 207 in the east basically sandwiched BBC Radio 4 on 198 kHz, which is consistently heard at night in Iceland, especially in the south and east. But, transmissions on 207 kHz ended on January 27th 2023, and the mast itself was also demolished on March 2nd, just over one year ago.

As of now, the transmitter on 189 kHz is still carrying a mixture of RÚV channels 1 and 2. Its stated purpose is: • to cover the areas between towns and villages where FM signals don't reach, • to provide a service to the many people engaged in the Icelandic fishing fleet at sea, and • to provide a backup for emergency communications purposes.

However, most vehicles sold these days don't come equipped with radios that can tune longwave frequencies, so most

people traveling between towns and villages can't listen to the station on longwave anyway. The transmitter's effectiveness is thus very much in question, and it just may not be viable to continue funding its operation for such a small population beyond the end of this year.

RÚV did operate a few medium wave transmitters, to fill in areas not well covered by either longwave signal. There was a 1 kW transmitter on 666 kHz at Höfn on the southeast coast, and a 5 kW transmitter on 738 kHz at Skjaldarvík on the central north coast, but both were closed on April 20th, 1999. A string of other very low-power (20 watt) transmitters on 1413, 1485, and 1511 kHz were also closed on various dates in the 1990's and early 2000's. The transmitter at Höfn on 666 kHz was reactivated briefly for test purposes in 2016 and 2017, but it has not been reported recently.

In the early years of RÚV, a short-lived external service was operated on shortwave, but this had to be abandoned due to budget cuts. In the 70's and 80's, however, they did broadcast a portion of their home service on shortwave for the benefit of their fishing fleet, which often was out of range of the longwave signal when they were over in the North Sea fishing for cod. They chose an interesting frequency – 12175 kHz USB – because that was the frequency used by their fishermen for point-to-point communications. The shortwave station, located at Reykjavík, used the callsign TFJ, and operated with an output power of 7 kW.

From 1973 until January 2007, two 10 kW Collins shortwave transmitters were also used with two directional rhombic antennas to beam relays of domestic news programs to Scandinavia, Great Britain and continental Europe on frequencies in the 90, 31 and 22 meter bands, and to Canada and the USA in the 41, 25 and 19 meter bands, although all programming was in Icelandic. Reception was often reported from Europe, the United States and South Africa, and one audio tape was even received from Australia. All accurate reports were QSL'd.

The Broadcasting Act of 1985 rescinded the RÚV monopoly on broadcasting, and made provision for licenses to be granted to privately owned FM and TV stations. RÚV is required to continue operating two radio channels and one TV channel, all partially supported by advertising.

Through a combination of FM and longwave transmission, RÚV had accomplished 99% coverage of the country, although that is now somewhat less since the 207 kHz transmitter was closed. Initially, most private FM stations operated in and around the capital city area, where a majority of the population resides. These days, there are five privately owned national FM networks, plus a dozen or more individual stations, and several dozen low-power community stations. There is also a 5 kW relay of the BBC World Service on 94.5 MHz FM.

During the Second World War, Iceland was initially a neutral country, but in the spring of 1940, a small force of British troops arrived to protect the island and to deny the Nazis the possibility of using it as a base for U-Boat attacks on North Atlantic shipping convoys. While there, the British took control of all radio communications and built a new broadcast studio complex in the center of Reykjavík, which is still in use to this day. The following year, the British asked the United States if they would take over protection duties so as to free the British troops for service elsewhere, and they did so, right up until 1945. Iceland then joined NATO in 1949 and in 1951 entered into a formal defense agreement with the United States.

To the south of Reykjavík, there is another peninsula that juts westward into the Atlantic Ocean– the Grindavík peninsula. This has been much in the news of late due to volcanic eruptions that have encroached on the town of Grindavík itself on the south side of the peninsula. Well, on the north side of that same peninsula, just a few miles north of Grindavík, sits another town whose name may be familiar – Keflavík. From 1951 until 2006, Keflavík was the site of a major US Air Base and Naval Station. When the base was established, a US Armed Forces Radio station was also set up on 1530 kHz AM, which, in spite of its modest power level of 250 W, in later years identified as 'Thunder 15-30'. In the 1990's, a second transmitter on 104 FM was added, which was identified as "Power 104". These transmitters were easily heard across the water in Reykjavík, though, where they were collectively known colloquially as "Yankee Radio".

But, early in 2006 under George W. Bush's administration, the US decided to withdraw its forces from the military base at Keflavík in a move that was characterized in Iceland as a "unilateral cancellation" of the US-Icelandic Defense Agreement. AFRTS/'Thunder 15-30' and 'Power 104' signed off for the last time on Saturday, June 1st, 2006, the former after 55 years of continuous broadcasting. At the time of the stations' closure, RÚV reported they had greatly increased the amount of American music available to Icelandic audiences and "deeply influenced the music, fashion and attitudes of Icelandic youth." The air base is now operated as Keflavík International Airport – the only airport in Iceland with immigration facilities for international flights. The smaller airport at Reykjavík is now used for domestic flights only.

RÚV does provide a daily news service in English on the Internet, which you can find at <<https://www.ruv.is/english>>
(Ray Robinson / AWR Wavescan via A-DX group via Walter Eibl-D)

How Shortwave Radio Cracked China's Information Blackout - SOH

A Hundred Seagulls Shatter China's Sky Blockage: Two Decades in the Making: the Miraculous Journey of a radio company.

When it comes to shortwave radio broadcast to China, one would naturally think of big names such as Voice of America (VOA), Radio Free Asia (RFA), BBC and RFI (Radio France Internationale). Indeed, broadcasting to China is a hugely complicated project involving breaking through the signal interference from the Chinese Communist Party (CCP). Who other than these big national broadcasters can pull it off?

However, today's largest shortwave radio broadcast company, Sound of Hope Radio Network (SOH), is a non-governmental organization. Consists of over 100 stations, SOH's "seagull broadcasting network" is the result of 20 years of incredible work. Its scale far surpasses that of the national broadcasters.



Here is their story: In Jan. 2004, a group of Silicon Valley engineers established SOH with the mission to bring uncensored truthful information to China. They were very familiar with VOA, which was established in 1946 and started to broadcast to China in 1956. Over the next few decades, VOA gained a big audience base in China. During the Cultural Revolution (1966-1976), Chinese people hid under the blankets to listen to "the enemy station." In the 1980s, people listened to the "900 English Sentences" program to learn English. After the June

4th Tiananmen Square massacre in 1989, Chinese people found out what had happened on Tiananmen Square through VOA's broadcast. To the Chinese people over 30 years old, especially the intellectuals, shortwave radio meant a great deal to them.

During the last century, listening to shortwave radio was a freedom-seeking act in almost all communist countries, not just in China. Radio Free Europe targeting Eastern Europe and Radio Liberty targeting the Soviet Union were established in 1949 and 1951. Based in Munich, West Germany and Lisbon, Spain respectively, they spread the hope of freedom to the people behind the Communist Iron Curtain of Europe.

The June 1980 Polish Solidarity strike at the Lenin Shipyard in Gdansk was a strike for freedom, and over the course of 500 days, the news of the strike spread throughout Eastern Europe and the USSR through VOA, Radio Free Europe, and Radio Liberty. 30 percent of the Polish population, or 10 million people, joined Solidarity, making it the most important organization that would catalyze the collapse of the Iron Curtain 10 years later. Pope Paul II from Poland and U.S. President Reagan continued to speak to the people of the Soviet Union and Eastern Europe through shortwave radio, sending support and hope to the people under communist dictatorship. In August 1991, when hardline Soviet communists staged a military coup, the constant shortwave radio broadcasts brought the people of the USSR timely information that resulted in the Soviet people marching to the streets to block the military vehicles. This led to the mutiny of the coup troops, the end of the coup, and the subsequent collapse of the Soviet Communist Party.

In 1989, Walesa, the President of Solidarity, visited the United States and gave a speech in the U.S. Congress. He told the American people about the enlightenment and hope that VOA and other shortwave radio stations had brought to the Polish people, stating: "The Voice of America is to Poland what the sun is to the earth."

The founders of Sound of Hope Radio were keenly aware of such history, and that is where the name came from: to bring hope to the people of China. It was not easy for civilians to engage in shortwave broadcasting to mainland China.

At that time, only national broadcasters were capable of doing shortwave broadcasting to China, and most of them were not open to leasing. Even if they were, SOH didn't have the funds. Even if SOH had the funds, the strong signal interference from the CCP could drown out all the radio frequencies and people could only hear noise.

"At that time, it all seemed impossible because shortwave broadcasting needs hundreds of thousands of watts, and the monthly electric bill would be several tens of thousands. How could we possibly afford it? The only thing we could do at the beginning was to rent a one-hour time slot from Radio Taiwan International and take a step-by-step approach," said SOH president Allen Zeng.

Not long after they started the lease, they were presented with a nice surprise. In November 2004, The Epoch Times editorial "Nine Commentaries on the Communist Party" was published. The nine-part editorial reveals the evil nature of the communist party from the perspectives of history, culture, and morality, and points out the harm communist party has done to China. SOH rushed to produce ten episodes of radio program and broadcast the entirety of the editorial in 20 days with the rented time slot from Radio Taiwan International. In the following months, the broadcast generated huge impact in China. People in Beijing rushed to buy shortwave radios to listen to the program, causing shortwave radios in Beijing to be sold out at the time.

"We were very excited about this news. We didn't realize that shortwave broadcasting could be so useful, and it gave us the

confidence to keep going," said Zeng.

However, it was not easy to keep going. The success of the "Nine Commentaries" broadcast brought SOH the unwanted attention from the Chinese regime, who mobilized a large jamming radio station to specifically interfere with SOH's broadcasts.

At that time, a resourceful person became aware of SOH's needs and offered to pay for more broadcasting time. SOH was able to rent more time slots. Within 4 years, SOH was able to rent 25 frequency-hours per day from Radio Taiwan International. SOH became the biggest client of Radio Taiwan International and grew into a medium-sized radio station broadcasting to China.

Then came another round of troubles. The CCP was very uncomfortable with SOH's growth. It pressured the Ma Ying-jeou administration in Taiwan through diplomatic and civil means to cancel SOH's lease contract with Radio Taiwan International.

Zeng recalled, "In order to protect our lease, I flew to Taiwan nine times during those years. I also flew to Strasbourg and Washington, D.C. to seek help from the European Parliament and the U.S. Congress. But I could only do so much and in the end, it was to no avail."

In January 2012, Radio Taiwan International unilaterally terminated all 25 hours of lease without any explanation. SOH's eight-year-long, flourishing broadcast to China went entirely silent.

Recalling the situation, Zeng said, "It was very difficult for us when we encountered this kind of setback, what should we do? Do we give up?"

Of course not!

While negotiating with Radio Taiwan International, Sound of Hope's researchers and developers began to develop a new kind of shortwave radio. They experimented on generating and transmitting shortwave signals using integrated circuits. They also researched the ideal geographic location for the antenna. After solving many technical challenges, the first small radio station was born. Its power was only 100 watts, merely one-thousandth of that of a national broadcaster. About 30 minutes after this radio started transmitting to mainland China, they got the exciting news: the signal was heard in China!

The good news was followed by the bad news: CCP discovered the new radio station and jammed its signal.

Through this experiment, SOH made significant discoveries. First, the mega power radio stations, consuming 100, 300, or even 500 kilowatts, are not a must for shortwave radio, but a result of the 50 years of "arms race" between broadcasters and jammers. Secondly, although a large jamming station can cover a small radio station, it cannot completely "wipe it out." There will always be signals sipping through the jamming frequencies. If they keep increasing the number of small radio stations, and if connected, the small stations together can still reach every corner in China. As a listener inside China, all he needs to do is to turn the frequency knob of the shortwave radio until he finds a surviving signal. This is the way to break the CCP's seemingly undefeatable decades-long radio frequency jamming.

The antenna of SOH's small radio station has a unique look: one straight rod on the bottom divided into two branches on the top, looking like a seagull spreading its wings. Therefore, it's called a seagull radio station.

In the next 15 years, SOH's volunteer staff in various parts of Asia worked tirelessly to build up the seagull radio network.

The project encountered unimaginable difficulties.

One of the first seagull transmission towers was built in the mountains of Pingtung in southeastern Taiwan. To build a seagull radio station, a large piece of land with high elevation is a must. So, it is often built on or near a mountain top. The first step is to have enough donated funds to rent the land.

The installation site is often off the beaten path in the high mountains. The volunteers must carry all the construction materials and equipment on their backs and hike up the mountains, wading through poisonous snake infested paths. It takes dozens of days to build up one seagull tower and station.

The signal pointing process was also riddled with difficulties. Since there was no precedence, everything had to be done from scratch. After lots of trial and error, the seagull station in Pingtung was finally ready. As if with divine intervention, its signal was able to reach as far as China's northwestern corner--Xinjiang. It was the best reward for the hardworking volunteers.

After that, many more seagull stations were installed in Taiwan, forming a broadcasting network to mainland China. Behind each station is a story. From finding and leasing the land, to installation, testing, and maintenance, not a single penny was from any government, but from SOH volunteers' paychecks or savings.

Mr. Hsieh, a Taiwanese volunteer said: The mainland is my hometown. My father came to Taiwan from there. I hope to do my part to make my hometown better, so that the people will no longer be deceived by the Chinese Communist Party's brainwashing. I hope that one day freedom will return to my hometown, and I can go back.

Compared to Taiwan, where the climate is warm, northwest of China presents a different story when it comes to building a radio towers. The radio stations are often set up in the wilderness and because of the harsh climate, they require more maintenance and frequent part replacements. So someone must be stationed there to "watch over the seagulls." But how can people live in places with no water, no electricity, no housing? In addition to needing donations, it's difficult to find someone willing to live there just to watch over the radio stations.

One couple chose to be the "seagull guardians." They gave up their jobs and moved to the site of a seagull station.

Their lives are filled with the most primitive challenges. The kitchen is a pit on the ground, along with some firewood and a pot hanging from a few iron rods. From the tent where they sleep, they can hear the whistling northern wind and the howling of the wolves. All they see around them is year-round snow. There is no social life. They managed to survive and even raised a child.

Because of the harsh conditions, SOH headquarters advised them to give up the radio station and move back home, but they said no. Why? They said, "This is our mission".

The above are just two examples of seagull watchers. In fact, behind every seagull station, there is a touching story.

As the story continued to unfold, more and more seagull radio stations were established from Taiwan to the Tibetan Plateau, from the open grasslands to the humid rainforests. SOH now operates more than one hundred seagull towers occupying different frequency bands.

The coverage and clarity of SOH's broadcast signal to China exceeds that of most government-funded national radio stations. With clarity, integrity, and continuity, the SOH towers transmit truthful information to Chinese people behind the Iron Curtain.

But then, the seagull station volunteers faced new challenges.

When the Chinese Communist Party was unable to stop these shortwave stations in the air, they switched their tactics, pressuring the countries where seagull stations are located through diplomatic relations, forcing those governments to remove these stations.

In the mountains of northern Vietnam, two young men set up 12 seagull radio stations in April 2009. These stations broadcast 18 hours of radio programs a day to Southern China. The two men also developed an advanced technology that can detect the jamming signals and instantly "drift" to a neighboring frequency to continue broadcasting. When the jamming signal follows, it will immediately drift away again. The entire process is automatically done by the computer, making such a radio station "a flying seagull that can never be caught."

In 2010, the Vietnamese government, under the pressure from the CCP, raided a seagull base station, dismantled all twelve radio towers, and arrested the two men, Trung Vu and Thanh Le. They each were given 3 years sentence in 2011.

Before he was arrested, Trung Vu made a good living as the owner of a technology company with over 100 employees. Because of this arrest, Vu not only lost his freedom, but also his company, his wealth, and his family.

After Vu finished his prison term, he came to the U.S. and applied for political asylum. When asked if given the opportunity, would you do it again, Vu said that he would do it again, "because it was the right thing to do."

In 2018, Mr. Chiang, a Taiwanese corporate executive based in Thailand, helped to set up a seagull radio station in Chiang Mai, Thailand. But in November that year, Chiang was arrested and later given prison sentence by the Thai authorities, who was pressured by the CCP. Chiang eventually returned to Taiwan, but he was demoted and suffered a lot of hardships. However, he never regretted what he had done for SOH's seagull network.

What gives SOH volunteers the courage to do what they do even if it costs their income, comfort, or freedom? It is because they deeply understand that every person in China longs for freedom; and the best thing to give to the Chinese people is a continuous stream of truthful information.

Even though it is more difficult to influence the Taiwanese government, the CCP still managed to attack the SOH radio stations using the CCP agents, who reported to the authority of "unlicensed broadcasting" activities. Mr. Xie, a restaurant owner, is a volunteer of the seagull network. He was suddenly arrested while cooking in his restaurant one day and the radio equipment was confiscated. After this incident, SOH supporters and volunteers in Taiwan started to talk to the related government agencies about the necessity and positive aspects of broadcasting to China, from the Tianma shortwave radio

station established by President Chiang Ching-kuo in the old days to the SOH seagull Radio of today, and to the persecution of faith-based groups taking place in the mainland. They talked about Taiwan's mission and importance.

These efforts paid off. Taiwan's bipartisan legislators began to work together to legalize civilian transmission towers. Eventually a bill was passed to protect the rights of private radio stations.

Volunteers of SOH in almost every country face similar interference from the CCP, just to different extents. They not only must win the frequency battle in the air, but also the public relations and legal battles on the ground. The energy and finances it takes is immeasurable.

So, what has been the effect of the seagull network?

Chen Guangcheng, a prominent human rights lawyer who went into exile from China in 2012 and now lives in Washington, D.C., recalls his experience with SOH's shortwave radio network in China. He said, "Back when I was in prison in Shandong Province, every night after I went to bed, I would pull out a shortwave radio hidden in a soymilk box to listen to the real news from the outside world." After Chen was released from prison, he went under house arrest. His only contact to the outside was the shortwave radio. Chen said that SOH was what he listened to the most and it had the clearest signal.

In 2007, renowned human rights lawyer, Gao Zhisheng launched the "Yellow Ribbon Campaign for Human Rights" prior to the Beijing Olympic Games. On his 1,100km drive from Beijing to Shaanxi, Gao learned that many people listened to SOH. Gao estimated that "at least 20 million people were listening to SOH."

When Cheng Xiang, the former chief editor of Hong Kong Wen Wei Po, was in Dalian, he was very surprised to find that the SOH signal could be heard clearly there.

In fact, this kind of coverage is exactly the power of the seagull network. Usually, the state level large power shortwave stations cost hundreds of million dollars each year. With over 100 seagull stations, the network covers 60% of China's land and 80% of its population at a fraction of the cost.

Today in China, if you have a shortwave radio and if you scan all the frequencies, it's very likely that you find multiple SOH stations. This is how the seagull network is breaking through the iron curtain.

Of course, people are used to using cell phones, computers, and the Internet now. But if the CCP wants to do evil, it is fully capable of turning off the Internet beforehand and turn it back on after it covers up its crimes. In 2009 in Xinjiang, after the "July 5" incident, the CCP shutdown the Internet in Xinjiang for 312 days to "maintain stability." During such times, the sound of seagull radio is what the people need.

"In fact, it is a strategic necessity to maintain a shortwave broadcasting network around the world's largest authoritarian regime. Especially when the CCP cuts off communication, shortwave radio is vital for the outside world to communicate with the Chinese people. This is a strategic necessity should have been fulfilled by the powerful governments of Western countries, but instead it is being done by us, a small private radio station." said Allen Zeng, president of SOH. "We are able to do this because we care about China, and we have found many like-minded people. We persevere with one goal in mind - to bring hope to the people in China. Finally, we achieved the impossible."

Zeng added, "shortwave and Internet firewall circumventing software are highly complementary. When the firewall circumventing software is blocked, shortwave radio can provide information on how to download new version of software. If the software reminds every Chinese family to keep a shortwave radio, a mutually reinforcing loop can be formed to provide an ever-expanding pipeline for people to access uncensored information. Under special circumstances, such as crackdowns and lockdowns, people will still have access to real news. The seagull radio network is a very important part of this loop."

This year marks the 20th year since the beginning of SOH shortwave broadcasting. It has been a very difficult period, but SOH has succeeded in building the world's largest shortwave broadcasting network. SOH managed to accomplish what was impossible during the Cold War. We are now determined that SOH will continue to broadcast to China until the day when the CCP falls, and freedom comes to China. However, this powerful shortwave broadcasting network, which exceeds all current national radio stations, requires funding to maintain.

Zeng said, "This is the first time we told the story of seagull radio network publicly. Because in the waning days of the CCP, people are facing an unprecedented information blockade. The CCP is not only the world's largest authoritarian regime that enslaves more than a billion Chinese people, but also responsible for destroying Hong Kong, Taiwan, and the world. It is our mission to end the CCP and help China regain its freedom. At this special moment in history, we invite all like-minded people at home and abroad to join us in sponsoring the operation and growth of the seagull radio network."

SOH has recently made a six-minute video on the story of seagull network, giving viewers a glimpse into the past and present life of seagull network. The video calls on the public to "donate \$20 to give the whole of China five minutes of truth!" (Video

link: <<https://freedomforchina.org?f=eet>>)

"We welcome any amount of donations, no matter how small. We also welcome contributions from enterprises. Because this is something that we can accomplish together." said Zeng.

SOH will record all individuals or enterprises who donate more than US\$10,000 in the "seagull radio network donors list," and publish such list after the fall of the CCP.

Zang said, "We invite you to walk with Sound of Hope to witness the fall of the "Berlin Wall of China. We hope that after the collapse of the CCP, we can all proudly announce to the world as Polish President Walesa did in his speech at the U.S. Congress: The seagull radio network is to China what the sun is to the earth, and we are the ones who built and supported the seagull network!"

(Sound of Hope <<https://www.soundofhope.org>> via A-DX group via Walter Eibl-D)

Putin's ears within Europe: Uncovering Kaliningrad's Hidden Antenna Array

Deep within a dense forest in the secluded Kaliningrad Oblast, just 25 kilometres from the tranquil countryside along the eastern border of Poland, a massive construction site is located at coordinates 54.562160, 21.827560. This site caught the attention of open-source researchers at Tochnyi due to its unusual geometry, impressive size, remote location and potential strategic significance - and we therefore conducted an assessment using available satellite information. In this article, we aim to provide a clearer understanding of what this installation might be, by analysing satellite imagery, conducting comparative studies and reviewing historical data related to signals intelligence infrastructure.

The site appeared in OSINT research in 2023 and, despite its relevance, very little traction was gained on this topic within the public domain, over social media and in dedicated channels. In particular, we would like to note the work of two OSINT analysts (Radio and Nukes and Planes and Stuff) who, along with others, were the first to investigate this and other sites. The Tochnyi group initially encountered this site during routine satellite image reviews, using open source platforms, specifically the ARCGIS/ESRI database and, later on, Sentinel-2 data from the Copernicus database. What can be noted immediately is the pattern of concentric circles, radially developing channels and a series of access routes to the centre. The site, at the time this article is written, presents a complete perimetral wall and an access point with a checkpoint (54.5735, 21.8274). While still under construction, this site, unlike typical infrastructure developments or radar installations, has no visible dispersed foundation works that anticipate the building of other solid structures within the perimeter, such as large antenna dishes or structures to protect radars, except for the centre, where the area has been levelled.

At least six concentric rings on the site can be identified and, upon closer examination, it appears that some soil movement has occurred at even spacing on the outer ring and along the entire perimeter. These look like excavation points that could host poles, which can be used to support antennas. The perfect circular symmetry, the equally spaced potential location for poles, the few radially distributed roads and the central area which looks like the only one which will host a building, are indicators that suggest this to be one specific facility: a military-grade antenna array designed for radio intelligence or communication, or better known as Circularly Disposed Antenna Array (CDAA).

The construction of this site began more than 2 years ago. The first additional roadworks appeared on 18th March 2023. By April, construction at the northern part of the site had already started. By May 2023, significant excavation and groundworks were visible, with two of the outer rings nearly defined. However, a large part of the forest remained. The forest's area seemed to be diminishing by July 2023, with most of it by then flattened and the perimeter walls under construction. Exactly one year later, the site appeared close to its final form, with all perimeter walls completed and a large number of secondary roads in place; at this point, the development of radial roads could be observed. Finally, in July 2025, several other areas designated for the location of buildings had been completed, and the site's concentric circles were very clearly visible even from Sentinel-2 data.

A Circularly Disposed Antenna Array (CDAA) is a large circular field of vertical monopole antennas arranged in multiple concentric rings, designed to detect and determine the direction of incoming radio frequency signals. These systems were widely deployed during the Cold War for signal direction finding, electronic surveillance and submarine communications. Examples of such installations are the FLR-9 CDAA at Elmendorf Air Base in Alaska and that located at the communications base in Okinawa, Japan, or the newer FRD-10 in Bramstedtlund which has a diameter of 410 metres. CDAA works using a set of antennas arranged in a circular pattern, and the diameter of the circle has a direct impact on the frequency and, therefore, the wavelength of the waves used by the system. Each CDAA can have multiple rings, one for each specific spectrum band, ranging from a few MHz to 28 MHz, with a detection range that can span up to 7400 km.

CDAAs can intercept and locate radio signals from thousands of kilometres away. They can detect submarine transmissions using Very Low Frequency (VLF) communication channels and support electronic warfare by mapping adversarial communication networks. The system operates by comparing the phase and time differences of received signals across the antenna elements, computing their direction with extreme precision. Using satellite imagery, the installation appears to span approximately few hundred to 1600 meters in diameter. This places it well above the size range of known CDAAAs, even those recently built in Cuba, allegedly in collaboration with China and covered by a recent investigation by the Centre for Strategic and International Studies (CSIS). The construction site is currently in its initial phase and, due to the limited available data, it is challenging to draw a definitive conclusion about the site's nature. However, several features suggest the possibility of a large-scale CDAA.

Key features include:

- The site features a circular configuration with several evenly spaced excavation points, likely totalling 45 per quarter for a total of 180 over the entire circumference. These will accommodate vertical antennas.
- There is also a radial development of excavations from a central hub, suggesting the potential future presence of buried cables or signal feedlines. This is also evidenced by optical and SAR imagery.
- Additionally, a security perimeter has been established, complete with internal access roads and boundary fencing encircling the site.

Kaliningrad is no ordinary Russian oblast. It is the westernmost exclave of the Russian Federation, heavily militarised and home to the Baltic Fleet. The region serves as a strategic forward base for advanced air defence systems such as the S-400, as well as nuclear-capable Iskander missile platforms. Situated between NATO member states Poland and Lithuania, Kaliningrad holds significant geopolitical importance.

The placement of a CDAA-like structure in this region is strategically logical. Such an installation would enable Russia to monitor NATO's electronic communications across Eastern Europe and the Baltic region. Very Low Frequency (VLF) or Low Frequency (LF) capabilities could facilitate communication with submerged submarines operating in the Baltic Sea or the North Atlantic. Furthermore, such an installation would support passive intelligence gathering, aligning with Russia's broader electronic warfare doctrine, a core component of its modern hybrid warfare strategy.

To confirm the scale of the Kaliningrad array, we compared its design with several well-documented Circularly Disposed Antenna Arrays (CDAAAs) around the world, such as the one operated and still active in Bramstedtlund (48.45121, 10.86275), which is one of the largest built at 410 metres in diameter, hosting several SIGINT facilities and personnel. In this analysis, we also included those built recently by Russia, like the one in the occupied Crimean peninsula in 2018 and uncovered by ImageSat int.

The Sevastopol CDAA relies on a similar configuration, potentially based on the Krug design, and features the characteristic spoke-and-ring structure, but with its apparent dimensions being significantly larger. The layout seen in Kaliningrad is similar to all the CDAAAs; it is located in a remote area to minimise interference and maximise signal reception. The Krug CDAA system was the Soviet Union's circularly disposed antenna arrays (CDAAAs) based on German Wullenweber technology. The Soviets used the generic term "Krug" (meaning "circle") for all such systems, while NATO specifically applied this designation only to the largest variant, massive arrays 200-300 meters in diameter with 40 antenna towers surrounding a 105-meter vertical screen resembling a circular fence. A total of 31 Krug systems were built during the Cold War.

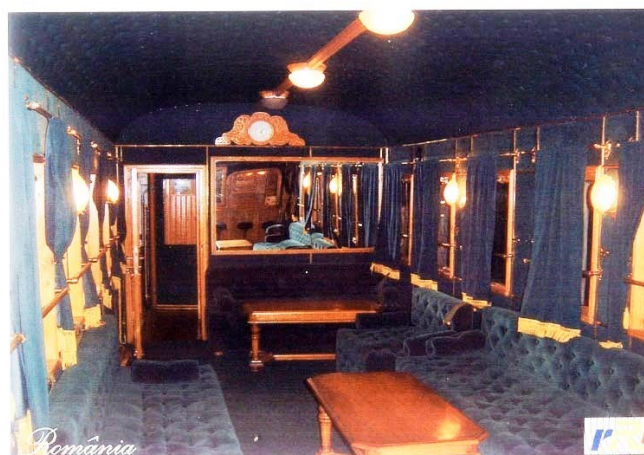
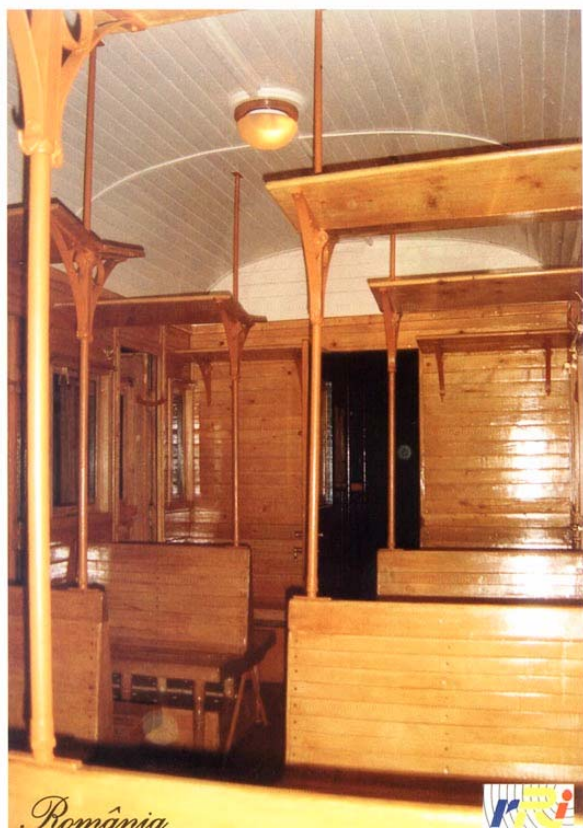
These arrays were part of a family of Soviet CDAAAs that included several other types. The Fix-24 was a smaller dual-band system with concentric rings of antennas spanning 150-200 meters, while the compact "Thick Eight" used just eight caged antennas similar to those in Krug arrays, deployed across the USSR, Warsaw Pact nations, and China. Some specialised CDAAAs were also linked to the Soviet Duga over-the-horizon (OTH) radar stations, suggesting a role in radar signal processing or electronic intelligence. The original Wullenweber design, including sites like the one in Augusta, Germany, served as the foundation for these systems, characterised by their circular antenna screens and radial element arrangements.

While still under construction, this new installation in Kaliningrad is likely a core node in Russia's strategic signals intelligence and communications architecture. It represents a bridge between Cold War technology and modern military doctrine, one that values deniability, surveillance, and information dominance. In an age where most defence infrastructure is hidden, digitised, or dispersed, this visible site of RF intelligence will operate just 25 km from NATO's doorstep.

<<https://tochnyi.info/2025/08/putins-ears-within-europe-uncovering-kaliningrads-hidden-antenna-array/>>

(Tochnyi.info, August 15, via A-DX group via Walter Eibl-D)

Historical trains on RRI QSL cards in 2006 – Volume 1



Historical trains on RRI QSL cards in 2006 – Volume 2

