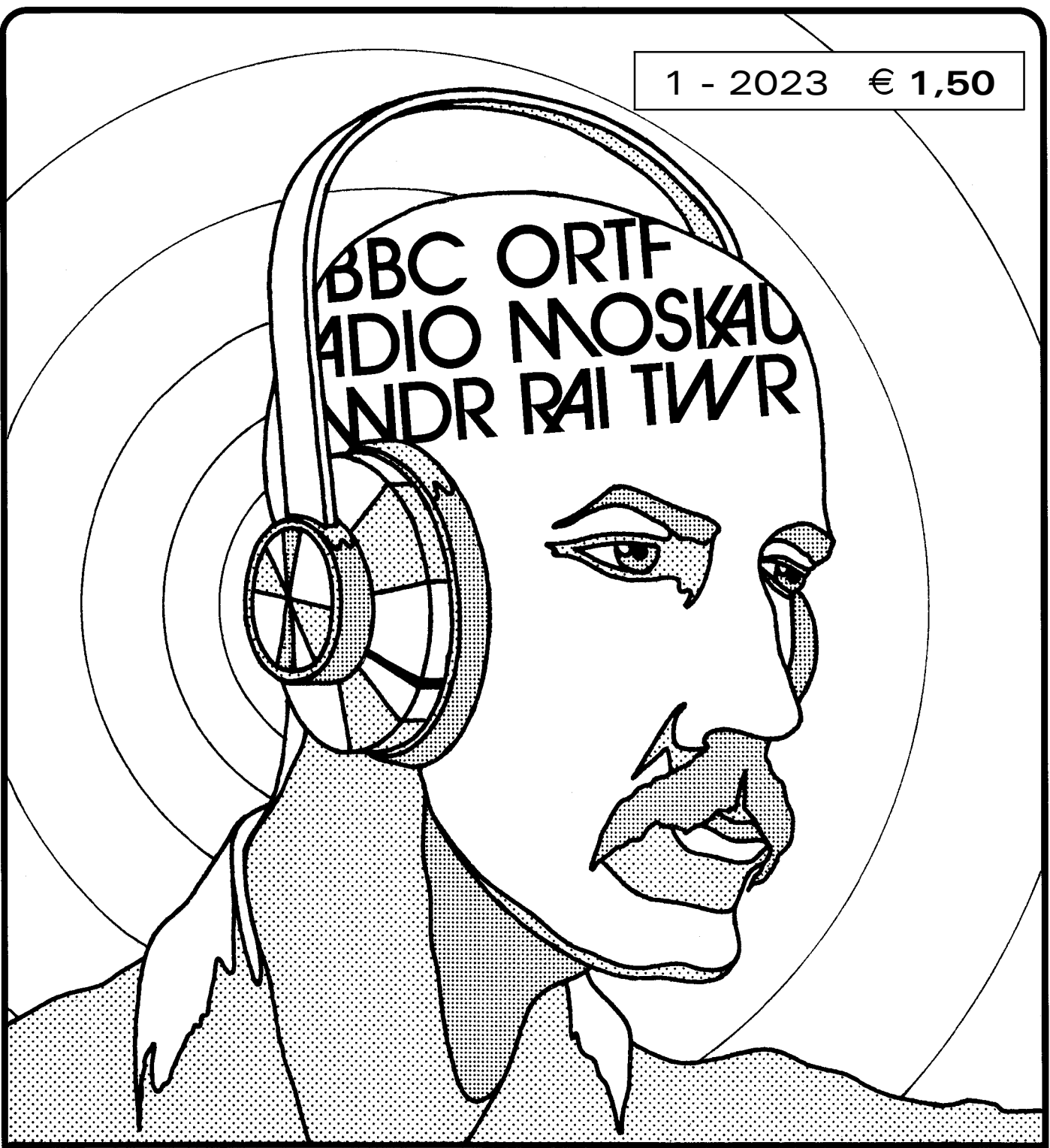
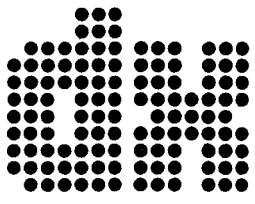


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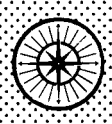
BBC ORTF
ADIO MOSKOU
NDR RAI TVR



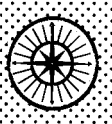
ISSN 0175-6877



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 of Radio Delta, Netherlands, on 6020 kHz via Hansjoerg Biener, Germany

DX MAGAZINE is the monthly publication of WORLDWIDE DX CLUB, Postfach 12 14, D-61282 Bad Homburg, Germany. Price for a single copy: € 1.50 or 2 International Reply Coupons (IRC's); annual subscription rate: € 18.00. Other currencies and air mail rates on request. Cover: Peter Pohle + Jürgen Kauer (KAVOP)



DX MAGAZINE No. 1

Vol. LVIII

January 2023

Hello again,

Welcome to the first issue of our DX MAGAZINE in this New Year 2023. Let me take this opportunity to wish you a very happy, healthy and successful year. Additionally, let me thank all of you who have paid their membership/subscription fees for the year 2023 recently and especially those who have added a donation for the club to their payment.



And now over to our usual information from outside the club: (Cf. DXM 10/2022) Klingenfuss Publications have published their five new products for 2023 by December 9th, 2022:

- 2023/2024 Guide to Utility Radio Stations
- 2023 Shortwave Frequency Guide
- 2023 Super Frequency List on CD
- 2023 Frequency Database for the Perseus LF-MF-HF SDR
- 1997-2023 Digital Data Decoder Screenshots on USB Stick

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

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

NEWS ABOUT BROADCASTING (+other) STATIONS

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

ALASKA - 6110 kHz KNLS Anchor Point religious broadcast in Russian to FE, Dec 15, at 1626-1636 UT. SIO 333. OM in Russian with homily. Heavy QRN, rapid QSB / flutter. Long monologue. YL follows with ID and then POP MX in En by OM performer. OM with station ID and contact information in Russian follows the MX, then more POP MX.

KNLS religious broadcast in Russian to FE, Dec 17, at 1652-1700 UT. SIO 555. OM with ID and contact information in Russian. POP MX follows. Slight QRN / QSB. OM with ID and contact information given again, for the second time in as many minutes, then more POP MX. Interval signal at TOH.
(Vince Henley-WA-USA, via NASWA Electronic Flashsheet #1079 Dec 18)

ALGERIA - New schedule of Telediffusion d'Algerie via Bechar&Ourgla:

0000-0600 on 7440 ORG 300 kW / 210 deg to Waf Arabic Holy Qur'an px
 0000-0600 on 9500#BEC 300 kW / 131 deg to Eaf Arabic Holy Qur'an px
 0600-2400 on 15410 ORG 300 kW / 210 deg to Waf Arabic Holy Qur'an px
 0600-2400 on 17600#BEC 300 kW / 131 deg to Eaf Arabic Holy Qur'an px
 # instead of 9500 BEC 300 kW / 131 deg to Eaf Arabic TDA "Chaîne 1"

instead of 17600 BEC 300 kW / 131 deg to Eaf Arabic TDA "Chaine 1"
(DX MIX 1276 (230106))

Telediffusion d'Algerie TDA on 15410 kHz via Ourgla & 17600 kHz via Bechar on January 6:
1600&1628 on 15410*ORG 300 kW / 210 deg to Waf Arabic Holy Qur'an via SDR Heimiswil, Switzerland
1600&1628 on 17600 BEC 300 kW / 131 deg to Eaf Arabic Holy Qur'an via SDR Heimiswil, Switzerland
* co-channel 15410 ISS 500 kW / 127 deg to Eaf Afan Oromo Raadiyyoni Dirree Shaggar at same time
(DX MIX 1277 - 230111)

ANTARCTICA - Another all-women crew for LRA36 in 2023. LRA 36 National Radio Archangel Gabriel, the World's most southern radio station, is the only state station that broadcasts short-waves from Antarctica. Features that, added to the fact that it is a state-run station operated by Antarctic Joint Command military personnel, make it unique from other radios. For the second year, Radio Nacional LRA 36 will be managed by a professional and technical team composed exclusively of women. This is what the Defense Minister announced, December 7:

The ceremony took place in the presence of the President of Argentine Radio and Television Rosario Lufrano, the commander of the Antarctic Group, Brigadier General Edgar Fernando Calandin, by Adrian Korol, director of Radio Argentina at the foreign, and the Secretary of the Malouines {sic}, Antarctic and the South Atlantic of the Ministry of Foreign Affairs, Guillermo Carmona.

The new team will replace Romina Zabalza, Maria Eugenia Rodriguez, Claudia Beatriz Albarracin and Mariela Churquina, who have been in office for a year. In addition to the local FM service, LRA 36 National Radio Archangel Gabriel has international reach thanks to short air waves. The purpose of its programming is to spread Argentine culture, but above all the Work of the armed forces in Antarctic bases, scientific research Work and, fundamentally, the support of the historical claim for remembrance the beauty of the Antarctic territory.

Base Esperanza station will reflect in its new grid the cultural and scientific content of Argentina and, in particular, Antarctica activities. In January, the station will have the Panorama Nacional de Noticias morning, of journalist Marcelo Ayala and his production group will be composed of Lorena del Carmen Alvarado, Maria Victoria Menendez, Noemi del Valle Cisneros, Ariadna Veronica Berrardo and t Adriana Novakoski and the technical operation of First Corporal of the Navy Nicole Valde is blessed. You can listen to the radio at 15476 kHz and it confirms listening reports through QSL.

LRA36 Archangel Gabriel, Base
Esperanza, Antarctica, Argentina or <lra36nacional -at- gmail.com>
#LRA36 #RadioNational #radio
#shortwave #Argentina #Arcangel #broadcast

gh: with illustrations: "morning" does that mean no longer circa 15 UT?
<<https://www.facebook.com/Radiosdumonde/>>
(via gh, WOR & hcdx Dec 14)

ARMENIA - 12075 kHz Trans World Radio India heard at 1338 UT on Dec 12, a man speaking slowly in listed Nagpuri. Mostly fair.
(Bob Brossell, Pewaukee-WI-USA, NASWA Electronic Flashsheet #1079 Dec 18)

12075even TWR India via Yerevan Gavar relay site, Dec 13, brilliant S9 signal at 1320 UT with rustic South Asian mx, choral chant with drumming and instl refrain. OM begins preaching at 1320 UT in subcontinental dialect Mundari, listed in this slot, Tuesdays. 1327 UT organ mx and YL with anmts of contact details, mentioning Post Box number 13 in Ranchi. Theme mx to end of pgm. 1329 UT TWR canned anmt in lang and then IS. OM with ID for TWR 360. Into next segment with plaintive flute opening things.

12075 kHz TWR India via Yerevan Gavar relay site, Dec 16, fine signal at 1340 UT in Malagasy. 1342 UT OM and YL giving closing anmts and address for "Post Box Number" in Ranchi. Usual segment end and then into Hindi a 1345 UT. Interesting echo as signal arriving in central USA via both grayline SP and darkness path LP.
(Ralph Perry, Wheaton-IL-USA, NASWA Electronic Flashsheet #1080 Dec 25)

AUSTRALIA - 11825 kHz 'TWR Women of Hope - Myanmar' via RBA Kununnurra, Dec 15, man preaching in Burmese, noted with fair signal 1425 UT. En ID and invitation to tune in next day at BOH, RBA plug and then s/off *1401UT Wonder if this uses a remote studio within Myanmar. Time for a little detective Work !
(Ralph Perry, Wheaton-IL-USA, NASWA Electronic Flashsheet #1079 Dec 18)

B-22 shortwave schedule of Reach Beyond Australia:
0900-0930 on 9860 KNX 100 kW / 335 deg to NEAs Korean Daily

1100-1130 on 11905 KNX 075 kW / 005 deg to EAs Japanese Sa/Su
 1130-1145 on 11865 KNX 100 kW / 335 deg to SEAs Rohingya Daily
 1145-1200 on 11865 KNX 100 kW / 335 deg to SEAs Burmese Daily
 1130-1145 on 15320 KNX 100 kW / 310 deg to SAs Dzongkha Tue-Thu/Sa/Su
 1130-1200 on 15320 KNX 100 kW / 310 deg to SAs Nepali Mo/Fr
 1145-1200 on 15320 KNX 100 kW / 310 deg to SAs Tsangla Tue-Thu/Sa
 1145-1200 on 15320 KNX 100 kW / 310 deg to SAs Dzongkha Su
 1200-1230 on 11945 KNX 100 kW / 335 deg to SEAs Burmese Sa-Thu
 1200-1230 on 11945 KNX 100 kW / 335 deg to SEAs Matu Fri
 1200-1215 on 11875 KNX 100 kW / 310 deg to SAs English Fr-Mo
 1200-1215 on 11875 KNX 100 kW / 310 deg to SAs Hindi Tue-Thu
 1215-1300 on 11875 KNX 100 kW / 310 deg to Sos Hindi Daily
 1300-1315 on 11875 KNX 100 kW / 310 deg to SAs Punjabi Mo
 1300-1315 on 11875 KNX 100 kW / 310 deg to SAs Kurux Tue
 1300-1315 on 11875 KNX 100 kW / 310 deg to SAs Bhojpuri Wed
 1300-1315 on 11875 KNX 100 kW / 310 deg to SAs Himachali Thu
 1300-1315 on 11875 KNX 100 kW / 310 deg to SAs Marathi Fri
 1300-1315 on 11875 KNX 100 kW / 310 deg to SAs Chattisgarhi Sa/Su
 1315-1330 on 11875 KNX 100 kW / 310 deg to SAs Telugu Tue
 1315-1330 on 11875 KNX 100 kW / 310 deg to SAs Hindi Wed
 1315-1330 on 11875 KNX 100 kW / 310 deg to SAs Marathi Thu
 1315-1330 on 11875 KNX 100 kW / 310 deg to SAs Punjabi Sa
 1315-1330 on 11875 KNX 100 kW / 310 deg to SAs Oriya Fri/Su/Mo
 1330-1345 on 11875 KNX 100 kW / 310 deg to SAs Nepali Mon-Fri
 1330-1345 on 11875 KNX 100 kW / 310 deg to SAs Tibetan Sat/Sun
 1345-1400 on 11875 KNX 100 kW / 310 deg to SAs Urdu Mo/Sa
 1345-1400 on 11875 KNX 100 kW / 310 deg to SAs Bhojpuri Tue
 1345-1400 on 11875 KNX 100 kW / 310 deg to SAs Punjabi Wed
 1345-1400 on 11875 KNX 100 kW / 310 deg to SAs Nepali Thu
 1345-1400 on 11875 KNX 100 kW / 310 deg to SAs Bangla Fr
 1345-1400 on 11875 KNX 100 kW / 310 deg to SAs Gujarati Su

 1200-1215 on 15380 KNX 100 kW / 310 deg to SAs Kannada Mo-Fr
 1200-1230 on 15380 KNX 100 kW / 310 deg to SAs Tamil Sa
 1200-1300 on 15380 KNX 100 kW / 310 deg to SAs English Su
 1215-1230 on 15380 KNX 100 kW / 310 deg to SAs Hindi Mo-Fr
 1230-1245 on 15380 KNX 100 kW / 310 deg to SAs Punjabi Fri
 1230-1245 on 15380 KNX 100 kW / 310 deg to SAs Hindi Mon-Thu/Sa/Su
 1245-1300 on 15380 KNX 100 kW / 310 deg to SAs Telugu Mon/Sat
 1245-1300 on 15380 KNX 100 kW / 310 deg to SAs Kurux Tue
 1245-1300 on 15380 KNX 100 kW / 310 deg to SAs Gujarati Wed
 1245-1300 on 15380 KNX 100 kW / 310 deg to SAs Bangla Thu
 1245-1300 on 15380 KNX 100 kW / 310 deg to SAs Marwari Fr
 1300-1315 on 15380 KNX 100 kW / 310 deg to SAs Tamil Daily
 1315-1330 on 15380 KNX 100 kW / 310 deg to SAs English Mo/Wed/Fr
 1315-1330 on 15380 KNX 100 kW / 310 deg to SAs Tamil Tue
 1315-1330 on 15380 KNX 100 kW / 310 deg to SAs Telugu Thu
 1315-1330 on 15380 KNX 100 kW / 310 deg to SAs Urdu Sa
 1315-1330 on 15380 KNX 100 kW / 310 deg to SAs Nepali Su
 1330-1345 on 11945 KNX 100 kW / 335 deg to SEAs Fresh Hindi/English Daily
 1345-1400 on 11945 KNX 100 kW / 335 deg to SEAs English Daily
 1400-1430 on 11825 KNX 100 kW / 310 deg to SEAs Burmese Daily
 2230-2300 on 15420 KNX 075 kW / 005 deg to EaAs Japanese Daily

AUSTRIA - Reception of Radio Pravda dlja Rossii in Russian language on 9745 kHz via ORS Moosbrunn, December 10:

1500-1600 UT 9745 kHz MOS 100 kW 55 degr to EaEUR Russian Sa. Very good signal via SDR Heimiswil in SUI. (Ivo Ivanov-BUL, direct and hcdx via wwdxc BC-DX Topnews Dec 12)

9715 kHz Bible Voice Broadcasting (ORS Moosbrunn relay) at 1825 UT in English, woman and man with Christian message, 1829 UT "You have been listening to a Bible Voice broadcast.", address in Newmarket-Ont-CAN. Fair, Dec. 17.

(Harold Sellers-BC-CAN, via wwdxc BC-DX Topnews Dec 17)

6

11955 Adventist World Radio (via ORS Moosbrunn is listed site) at 1520 UT. W in (listed) Turkish and off suddenly at BoH, Fair. Dec. 19, scheduled 15.00-15.30 UT.
(Rick Barton-Sun City-AZ-USA, WOR Dec 20)

Charlie-Prince-Show wieder aus ORS Moosbrunn auf Kurzwelle. Seit 35 Jahren gibt es sie auf Kurzwelle: Funky Sounds 4 Central Europe ! Themen am ersten Wochenende eines Monats: Malta, Medien, Musik - und mehr!

Nach einem Versuch im Herbst 2022 ueber die Sendeanlage SPC-NURTS Spaceline Ltd. Sofia Kostinbrod Bulgaria relay site, nahe Sofia auf einer Frequenz im 25-m-Band der Kurzwelle vertieft Radio Joystick (JOY) 2023 seine langjaehrige Partnerschaft mit ORS (Oesterreichische Rundfunksender GmbH & Co. KG). Die "neue" Frequenz ist die "alte": 7330 kHz im 41-m-Band.

Damit kommt die niederoesterreichische Sendestelle Moosbrunn bei Wien und deren drehbare logarithmisch-periodische Antenne wieder zu alten Ehren ! Dank ORS ist die "Charlie-Prince-Show" mit mindestens 100 Kilowatt Senderleistung nun wieder auf ihrer "Stammfrequenz" zu hoeren. Die Musiksending wird an jedem ersten Sonntag eines jeden Monats um 12 Uhr deutscher Zeit {11 UT/ hrs} europaweit ausgestrahlt !

Ein Ganztagsprogramm wird jederzeit im Internet praesentiert: <<http://www.radiojoystick.de>>
Adresse: JOY, Charlie-Prince-Show, Pf. 595, 55529 Bad Kreuznach, Germany
(Jens Hofstadt-D, Dec 18)

Adventist World Radio changed from 300 kW to 100 kW for transmissions via Moosbrunn, Austria from 1 January 2023:
Please see: <https://qsl.net/vu2jos/AWR_Moosbrunn_300.pdf>
(Jose Jacob-IND, VU2JOS; WOR Dec 30, 2022)

Now in operation remain two transmitters and three antennas, with the 9.5 hours of AWR plus
ORF daily 0600-0720 UT 6155 kHz; and Mon-Sat 1100-1200 UT 13730 kHz.
Radio DARC Sun 1000-1100 UT 6070 kHz.
Pravda dlya Rossiy Sa 1500-1600 9745 kHz.
Welle 370 Jan 1, Feb 5 and March 5 0900-1000 UT 6140 kHz - and that's all ...

Bible Voice Broadcasting 9715 kHz is taken over by MBR Nauen.
(Kai Ludwig-D, WOR Dec 30)

BANGLADESH - External Service of Bangladesh Betar in English on 4750 kHz via Shavar, January 10:
from 1228 on 4750 SHV 100 kW / non-dir to SoAs English. Very good via SDR So Phisal in Thailand.
(DX MIX 1277)

BRAZIL - 15190 kHz Radio Inconfidencia, from Belo Horizonte MG, 2217-2252, Dec 16. man and woman announcers with plenty of Portuguese language talk with very brief instrumental music segments between items of discussion. Poor overall with very deep fades.
(Rich D'Angelo-PA-USA, via NASWA Electronic Flashsheet #1079 Dec 18)

9664.97 Radio Voz Missionaria, Camboriu SC, in Portuguese language Dec 11, 0421-0447 UT ongoing slow religious choral chants, w/ brief choral jingle at 0434 UT, from 0438 UT man talk above slow music, other man announcement at 0441 UT, then playing briefly a song, followed by a slow song sung by a woman and a choral chant; better in usb/lb sync, non stop rapid qsb, moderate to strong qrn rustle, fair/ almost good; in // <radioaovivo.net/voz-missionaria/>
(Gianni Serra-ITA, WOR Dec 19) on Dec 26, 20.20UT 9664.954 kHz, S=7-8, wb

Big SHIFT WANDERING, some 400 to 700 Hertz on lower sideband, happens around 11750 kHz Voz Missionaria program tonight. At 00.50 UT Voz Missionaria Camboriu SC, with S=8-9 signal, hetting 11750even China mainland outlet ?

11749.328 kHz much odd fq signal from Brazil and heterodyne 800 Hertz approx annoying signal heard.
Voz Missionária is UNSTABLE and wandered downwards to 11749.309 kHz.

When checked again at 01.20 UT noted upwards signal to 11749.583 and a minute later on 11749.611 kHz.
5938.249 BRA R Voz Missionaria, poor S=7 signal at 01.11 UT. NOTHING observed in 31 mb 9665v of R Voz Missionaria.

Others:

11780.009 BRA RNac Amazonia? Brasilia S=9+30dB strongly at 00.57 UT on Jan 6th.
11815.020 BRA R Brasil Central, Goiania, BrasPort, S=9+5dB at 01.02 UT
9819.103 BRA R 9 de Julho, Sao Paulo SP, S=9+10dB at 01.06 UT.

15189.931 BRA R Inconfidencia Belo Horizonte, heard at S=6 level, 01.13 UT.
[selected SDR options, span 12.5 kHz RBW 15.3 Hertz] (wb df5sx, wwdxc BC-DX TopNews Jan 6)

ZYE890 Radio Voz Missionaria in Portuguese on 9665.4 kHz via Camboriu SC, January 5:
from 0600 on 9665.4vCAB 010 kW / 030 deg to BRA Portuguese. Good via SDR Caruaru PE, Brasil
At same time 5938.2vCAB 010 kW / non-dir to BRA SC86 Radio Voz Missionaria, NO SIGNAL TODAY
At same time 11749.6vCAB 001 kW / 030 deg to BRA reactivated Voz Missionaria, NO SIGNAL TODAY
(DX MIX 1276)

During Carneval not only Brazilian stations may revive some SW and / or prolong broadcasting time. -we-

BULGARIA - SPC-NURTS Spaceline Ltd. Sofia Kostinbrod Bulgaria relay site has got MAIN POWER access again on Saturday Dec 17: {Taiwan RTI relay transmission via Sofia-BUL} 5900 kHz even frequency RTI Taipei via Kostinbrod in Russian language at 17.00-17.30 UT on Saturday Dec 17 at S=9+10dB level in Bavaria Southern Germany SDR unit.

Also US religious archive sermon of TOM Brother Stair roarer heard again via SPC-NURTS Spaceline Ltd. Sofia Kostinbrod Bulgaria relay site on 9400 kHz channel earlier on Saturday Dec 17.
[selected SDR options, span 12.5 kHz RBW 15.3 Hertz] (wb df55sx, wwdxc BC-DX TopNews Dec 17)

CHINA - B22 CHINA RADIO INTERNATIONAL October 30, 2022 - March 26, 2023:

0000-0100	Cantonese	17490/Be, 11820/Xi
	Chinese	13655/Xi, 13580/Be, 12035/Xi, 11975/Kun, 11900/Be, 11780/Jin, 9620/Kun
	English	11790/Xi, 9560/Be, 7425/Kash
	Hakka	9860/Jin, 9610/Kun, 9550/Kun, 9460/Kun
	Khmer	11990/Nnn, 9765/Nnn, 684/dof-hai
	Mongolian	9470/Xi, 7295/Be
	Portuguese	9710/Kash, 6100/Be
	Russian	7415/Huh, 5990/Huh
	Spanish	5990/Cuba-q
	Vietnamese	13770/Xi, 11770/Be, 603/dof-hai
0000-0200	English	15125/Be, 11885/Xi, 7350/Kash, 6180/Kash, 6075/Kash
0100-0200	Amoy	17490/Be, 15425/Xi, 11980/Kun, 11945/Kun, 9860/Jin, 9610/Kun, 9550/Kun, 9460/Kun
	Chinese	15160/Jin, 13655/Xi, 13580/Be, 11770/Nnn, 11640/Xi, 9655/Nnn, 7300/Kash, 7250/Ur
	English	9675/Kash, 7370/Kash, 6180/Cuba-q
	Russian	9440/Xi, 5905/Kash
	Urdu	7240/Kash, 6020/Kash
0100-0300	Spanish	9710/Kash, 9590/Kash
0130-0230	Nepalese	13780/Kun, 11860/Kun
0200-0230	Pashto	11740/Xi, 7350/Kash, 6065/Kash
0200-0300	Amoy	17490/Be, 15425/Xi
	Bengali	11640/Kun, 9655/Kun
	Chinese	15160/Jin, 13655/Xi, 11780/Be, 9825/Ur, 7330/Kash, 6180/Cuba-q
	English	11770/Kash, 9610/Kash
	Russian	11980/Xi, 5915/Kash
	Tamil	11870/Kash, 9800/Kash
	Urdu	7290/Kash, 6020/Kash
0230-0330	Nepalese	13780/Kun, 11730/Kun
0300-0400	Chinese	17540/Be, 15160/Jin, 15130/Be, 13655/Xi, 9450/Kash
	English	15120/Be, 13800/Kash, 13590/Be, 13570/Xi, 11770/Kash, 5910/Cuba-q,
	Hindi	11700/Kash, 11640/Kash, 9870/Kash, 9695/Kash
	Russian	17710/Jin, 15435/Xi, 11710/Ur, 7325/Kash
	Tamil	13730/Kash, 13600/Kun
0400-0500	Cantonese	15160/Jin, 13655/Xi, 5910/Cuba-q
	Chinese	15170/Kash, 15130/Be, 13640/Kash
	English	17855/Be, 17730/Xi, 15120/Be, 13590/Be, 13570/Xi
	Hakka	17710/Be, 17510/Xi, 15350/Kash, 13740/Kash
	Russian	17640/Xi, 15665/Ur, 15445/Kash, 7325/Kash
0400-0600	Vietnamese	17740/Xi, 11650/Kun, 603/dof-hai
0500-0600	Cantonese	15160/Jin, 13655/Xi
	Chinese	15130/Be, 15120/Be, 15110/Kash
	English	17855/Be, 17730/Xi, 17510/Kash, 15465/Kash, 15430/Kash, 15350/Kash, 11895/Kash
	Russian	15665/Ur, 15445/Kash
0500-0700	Arabic	17485/Ur
0600-0700	Chinese	17740/Xi, 17650/Kash, 15160/Jin, 15120/Be, 13750/Kun, 13655/Xi, 11710/Nnn
	English	17710/Be, 17510/Kash, 15465/Kash, 15430/Kash, 15350/Kash, 15145/Kash, 13645/Xi, 11925/Nnn, 11895/Kash, 11870/Kash
	Italian	15620/Kash
0600-0800	French	15220/Kash
	German	17720/Kash, 17615/Ur
	Spanish	15135/Kash
0700-0800	Cantonese	13610/Xi, 11640/Jin
	Chaozhou	15145/Xi, 17750/Xi
	Chinese	17740/Xi, 17650/Kash, 17520/Kash, 13750/Kun, 11875/Nnn, 11710/Nnn
	English	17710/Be, 13660/Xi
0700-0900	English	17670/Kash, 17490/Kash, 15465/Kash, 15350/Kash, 15185/Kash, 11895/Kash

0800-0900	Chinese	17650/Kash, 15560/Xi, 15550/Kash, 13610/Xi, 11640/Jin, 9880/Be
	Russian	15665/Ur, 15335/Kash
0800-1000	English	9415/Xi
0830-0930	Indonesian	17735/Kun, 15135/Kun
0900-1000	Chinese	17670/Kun, 15560/Xi, 15440/Kun, 11895/Nnn (Voice of the South China Sea), 9880/Nnn, 9440/Xi, 7430/Jin
	English	17750/Kash, 17690/Jin, 17650/Kash, 17570/Ur, 17490/Kash, 15350/Kash, 15210/Kun
	Romanian	15260/Kash
	Russian	15665/Ur, 15335/Kash
0900-1100	Chinese	15525/Ur, 15340/Xi, 15250/Kun, 13850/Be, 13780/Kash, 11980/Kun, 9460/Nnn, 5965/Be
0930-1030	Malay	17680/Kun, 15135/Kun
1000-1100	Cantonese	17670/Kun, 15440/Kun
	Chinese	17650/Kash, 9880/Be, 7255/Xi
	English	17750/Kash, 17690/Jin, 17490/Kash, 15350/Kash, 15210/Kun, 13720/Xi, 13590/Be, 11635/Be, 7215/Xi, 5955/Xi
	Hungarian	17570/Kash, 15220/Kash
	Japanese	9440/Xi, 7325/Jin
	Russian	7390/Huh, 7290szg, 5915/Huh, 1323/htb, 1116/har, 963/hua-jil
1030-1130	Khmer	17680/Kun, 15160/Nnn, 684/dof-hai
	Indonesian	15135/Kun, 11700/Kun
1100-1200	Bulgarian	15180/Kash
	Burmese	9880/Kun, 1188/Kun-yun
	Cantonese	13580/Kun, 9645/Be, 9590/Kun, 9540/Be, 7370/Nnn, 603/dof-hai
	Chaozhou	11875/Kun, 9440/Kun
	Chinese	17650/Kash, 15440/Kun, 11980/Kash, 11750/Be, 9515/Kash, 7435/Be
	Czech	17570/Kash, 15225/Kash
	English	13720/Xi, 11795/Kash, 9730/Be
	Esperanto	9450/Xi, 7210/Ur
	Japanese	7325/Jin, 7260/Xi, 1044/hnl-jia
	Korean	5965/Xi, 1323/hua-jil, 1017/cah-jil
	Mongolian	7390/Huh, 6100/Ur
	Russian	7290szg, 6080/Be, 5915/Huh
	Vietnamese	11990/Xi, 11785bjj, 9550/Be, 1296/Kun-yun
1100-1300	English	17490/Kash, 12015/Kash, 11650/Ur, 7250/Kash, 5955/Be, 1269/xua-yun
1130-1200	Filipino	12070/Xi, 11955/Kun, 7410/Jin, 5985/Be, 1341/hdu-gua
1130-1230	Thai	9785/Kun, 7360/Kun, 1080/xua-yun
1200-1230	Filipino	11955/Kun, 9720/Xi (Voice of the South China Sea)
1200-1300	Amoy	11910/Be
	Cantonese	9570/Cuba-q
	Chinese	13720/Kash, 9655/Kash, 9520/Ur, 7390/Be, 7205/Kash
	English	13790/Ur, 11980/Kun, 11760/Kun, 11690/Xi, 9760/Kun, 9730/Kun, 9645/Be, 9600/Kun, 9460/Kash, 1341/hdu-gua, 1269/xua-yun, 1188/Kun-yun, 684/dof-hai
	Japanese	7325/Jin, 7260/Xi, 1044/hnl-jia
	Khmer	11680/Nnn, 9440/Kun
	Korean	5965/Xi, 1323/hua-jil, 1017/cah-jil
	Mongolian	5990/Huh, 5915/Huh, 1323/htb
	Russian	9685/Ur, 9590/Szg, 7410szg, 7215/Xi, 6100/Be, 5905/Kash
	Serbian	15180/Kash
	Vietnamese	11720/Be, 11640/Xi (Voice of the South China Sea) , 9550/Be, 1296/Kun-yun
1200-1400	Chinese	13810/Kash, 11790/Kash - News Radio
	Chinese	9855/Be, 9540/Kun, 7440/Nnn
	French	13570/Kash
1230-1330	Lao	9785/Kun, 7360/Kun
	Malay	11955/Kun, 11700/Kun (Voice of the South China Sea)
1300-1400	Bengali	11610/Kun, 9600/Be, 9490/Kun, 1188/Kun-yun
	Burmese	9880/Kun, 7400/Kun
	Chinese	13855/Kash, 9520/Ur, 7215/Xi, 7205/Be
	English	13790/Ur, 11980/Kun, 11910/Be, 11900/Kun, 11760/Kun, 11640/Kash, 9870/Xi, 9765/Be, 9730/Nnn, 9655/Kash, 7300/Kash, 5955/Be, 1341/hdu-gua
	Esperanto	9695/Be, 9440/Nnn
	French	17880/Mali, 13720/Kash, 13685/Mali
	Hindi	9450/Kash, 7265/Ur, 1422/Kash-xin
	Japanese	7410/Jin, 7325/Xi, 1044/hnl-jia
	Korean	5965/Xi, 1323/hua-jil, 1017/cah-jil
	Mongolian	7285/Be, 6100/Ur
	Russian	9665/Xi, 7255/Szg, 5990/Huh, 5915/Huh, 5905/Kash
	Vietnamese	9685/Xi, 9550/Be, 1296/Kun-yun, 684/dof
1330-1430	Indonesian	11955/Kun, 11805/Kun (Voice of the South China Sea)
	Thai	9785/Kun, 7360/Kun, 1080/xua-yun
1400-1500	Amoy	1650/Kun, 9655/Kun
	Bengali	11610/Kun, 9490/Kun, 1269/xua-yun
	Burmese	7445/Kun, 900/deh
	Chinese	11785/Kash, 9730/Kash, 9590/Kash, 9520/Ur, 7410/Be, 7235/Kash, 7210/Be, 6040/Xi
	English	11880/Kash, 9795/Ur, 9765/Xi, 9460/Ur, 7300/Ur, 6100/Ur, 1422/Kash-xin
	Japanese	7410/Jin, 7355/Xi, 1044/hnl-jia
	Khmer	9880/Nnn, 6055/Nnn, 684/dof
	Korean	5965/Xi, 1017/cah-jil
	Mongolian	5990/Huh, 5915/Huh
	Nepalese	7435/Kun, 7220/Xi, 1269/xua-yun, 1188/Kun-yun
	Russian	7435/Szg, 7330/Xi, 5905/Kash
	Sinhalese	9665/Jin, 7265/Kash, 1188/Kun-yun
	Tamil	9610/Kash, 5965/Kash

	Urdu	7285/Kun, 6075/Kash, 1422/Kash-xin
	Vietnamese	9685/Be, 9550/Be, 1296/Kun-yun, 684/dof-hai
1400-1600	English	17630/Mali, 13685/Mali, 6135/Xi, 5955/Be
1430-1500	Filipino	11640/Be, 7325/Be, 1341/hdu-gua
1430-1530	Lao	9675/Kun, 7360/Kun, 1080/xua-yun
1500-1530	Pashto	9665/Kash, 7435/Kun
	Persian	9600/Kash, 6165/Ur
1500-1600	Bengali	9690/Kun, 9610/Kun
	Chinese	9705/Kash, 9590/Kash, 9560/Kash, 9455/Kun, 7255/Be, 7235/Kash, 6100/Be
	English	9880/Nnn, 9785/Jin, 9720/Ur, 9675/Kash, 9525/Kash, 7395/Ur, 7325/Be, 6095/Kash, 1323/htb-xin
	Hindi	7265/Kash, 7225/Ur
	Japanese	7220/Jin, 5980/Xi, 1044/hnl-jia
	Nepalese	9535/Xi, 7215/Kun, 1188/Kun-yun
	Russian	6180/Ur, 6105szg, 6025/Xi, 5990/Huh, 5965/Be, 5915/Huh, 5905/Kash
	Tamil	9490/Kash, 7360/Kash
	Turkish	9565/Kun
	Urdu	7285/Kash, 6075/Kun, 1422/Kash-xin
	Vietnamese	6190/Be, 684/dof-hai, 603/dof-hai
1530-1600	Pashto	9665/Kash, 7435/Kun, 6165/Ur
1600-1700	Arabic	17880/Mali, 15125/Mali
	English	9880/Nnn, 9875/Kash, 9675/Kash, 9570/Be, 7435/Jin, 7420/Ur, 7255/Kash, 7235/Kash, 6175/Nnn, 6060/Kun, 1323/htb, 1080/xua
	Hakka	7325/Ur, 6090/Xi
	Hindi	7410/Kun, 5915/Kash, 1422/Kash-xin, 1269/xua-yun, 1188/Kun-yun
	Russian	7265/Be, 7215szg, 6040/Ur, 5905/Kash
	Swahili	7245/Xi, 5985/Be
	Turkish	7325/Kun, 6165/Ur
	Vietnamese	7315/Kun, 6010/Be, 684/dof
1600-1800	Arabic	7300/Kash
	French	7350/Kash
	German	7380/Be, 5970/Xi
1630-1730	Hausa	9665/Kun, 9620/Kash
1700-1800	Cantonese	7325/Ur, 7220/Xi
	Croatian	9410/Kash, 7335/Be
	English	9880/Nnn, 9570/Be, 7435/Jin, 7420/Kun, 7410/Kash, 7255/Kash, 7235/Kash, 6175/Nnn, 6165/Be, 6140/Kash, 6100/Be, 6090/Kun, 1323/htb-xin, 1080/xua-yun
	Esperanto	7420/Xi, 7205/Be
	Hindi	5910/Kun, 1269/xua-yun
	Russian	7410bji, 7265/Ur, 6070/Xi, 6040/Ur, 5915/Kash
	Swahili	15125Mali, 13645/Mali, 7245/Xi, 5985/Be
1730-1830	Chinese	9695/Kun, 7445/Ur, 7315/Kun, 7305/Ur, 6150/Szg
	Hausa	13645/Mali, 11640/Mali from 1800, 9685/Kun, 9450/Kash
1800-1830	Persian	7415/Xi, 7325/Be
1800-1900	Chaozhou	7285/Xi, 6010/Ur
	English	7210/Be, 6100/Be
	Italian	7435/Jin, 7340/Kash
	Russian	7255szg, 7240/Ur, 6070/Be
1800-2000	French	7360/Xi
	German	9615/Ur, 7395/Kash, 6160/Xi
1830-1900	Bulgarian	9695/Kun, 7265/Ur, 6020/Szg
	Persian	7415/Xi, 7325/Be
1830-1930	Arabic	13685/Mali, 11640/Mali
1830-2030	French	9645/Kun, 7350/Kash
1900-1930	Czech	7415/Ur, 7325/Szg
	Hungarian	9560/Ur, 7440/Xi
1900-2000	Albanian	7385/Kash, 6020/Szg
	Cantonese	9770/Kash, 7215/Be
	English	9440/Kun, 7295/Ur
	Portuguese	9730/Kash, 9535/Be, 7365/Be, 7335/Jin, 7205/Xi, 5985/Be
	Romanian	7440/Xi from 1930, 6090/Ur
	Russian	7245/Be, 6110/Xi, 6100/Be
	Turkish	9655/Kun, 7255/Kun
1930-2000	Czech	7415/Ur
	Portuguese	13630/Mali, 11640/Mali
1930-2030	Esperanto	9745/Ur, 7265/Ur
2000-2030	Serbian	9585/Kash, 7390/Xi, 7325/Ur
2000-2100	Chinese	9865/Kun, 7440/Be, 7335/Szg, 7245/Kash, 7205/Xi
	English	9600/Kash, 9440/Kun, 7415/Kash, 7295/Ur, 7285/Xi, 5985/Be
	Polish	7305/Ur, 6020/Szg
	Russian	7255/Be, 6155/Be
2000-2130	English	13630/Mali, 11640/Mali
2000-2200	Arabic	6100/Xi
2030-2100	Bulgarian	9720/Ur, 7320/Kun
	Hungarian	9585/Kash, 7390/Jin
2030-2130	Italian	7345/Kash, 7265/Ur
2030-2230	French	7350/Ur, 6115/Be
2100-2130	Serbian	7445/Kun, 7325/Xi
2100-2200	Croatian	7225/Be, 6135/Be
	English	9600/Kash, 7415/Kash, 7325/Be, 7285/Xi, 7205/Xi
2100-2300	Korean	7290/Xi, 1323/hua-jil, 1017/cah-jil
	Spanish	9640/Kash, 6020/Szg

2130-2200 Hungarian 7445/Ur
 2130-2230 French 13630/Mali, 11975/Mali
 2200-2300 Chinese 7440/Jin, 7325/Kun, 7305/Be, 7290/Ur, 7265/Kun, 6180/Kun, 6140/Kun, 6100/Kun, 5975/Be
 English 5915/Be
 Esperanto 9860/Kash, 7315/Kash
 Japanese 7430/Jin, 5985/Xi
 Portuguese 9685/Kash, 9410/Kash, 7260/Ur, 6175/Xi
 Spanish 6100/Be
 2200-2400 Spanish 7250/Ur
 2300-2400 Khmer 9765/Nnn, 7430/Nnn, 684/dof-hai
 Cantonese 11945/Kun, 9630/Jin, 7325/Kun, 6180/Kun, 6140/Kun
 Chinese 11975/Mali, 9555/Be, 7300/Ur, 7295/Mali
 English 11790/Xi, 9535/Kun, 7410/Kash, 7350/Kash, 6145/Be, 5990/Cuba-q, 5915/Kash
 Japanese 9720/Xi, 9695/Jin
 Mongolian 7205/Xi, 6185/Xi
 Portuguese 13650qvc, 6100/Be
 Russian 7415/Huh, 5990/Huh
 Vietnamese 9415/Be, 7220/Xi, 603/dof-hai
 2300-0100 Spanish 9800/Kash, 9590/Kash
 2330-0030 Sinhalese 7260/Kash, 6100/Kun
 (via Tom Laobaixing / China media monitors)

Sites used for international MW and international and domestic SW:

/cah Changchun: 1017 kHz
 /dof Dongfang: 603/684 kHz 600kW
 /hdn Huadian: 1323 kHz 600kW
 /huadu 1341 kHz
 /hei Heilongjiang Province: (*) 1323 kHz
 /hn1 Changzhou, Henglin: 1044 kHz 1000 kW
 /htb Hutubi: 1521 kHz 500 kW
 /Kash Kashgar: 1422 kHz 600 kW
 /Kun Kunming: 1080/1296 kHz
 /lha Lhasa: 1323kHz
 /nei Nei Menggu Aut. Reg.: (*) 963 kHz
 /xjg Xinjiang Uyghur Aut. Reg.: (*) 1323 kHz
 /xuw Xuanwei: 1188/1269 kHz 600 kW
 (*) Exact location unknown

SW (approximate transmitter numbers)

/Be Beijing, 3 sites: Doudian (G.C. 39N38 116E05) 4x150, 6x500 kW; Matoucun 12x100 kW; Shuangqiao 8x100, 6x150 kW
/Gem Golmud: 4x100 kW
/Huh Hohhot (Bikeqi): 3x100 kW
/Jin Jinhua: 3x500kW
/Kash Kashgar (Saibagh): 4x100, 8x500 kW
/Kun Kunming (Anning): 4x100, 4x150, 4x500 kW
/Lha Lhasa: 13x100 kW
/Lin Lingshi: 6x100 kW
/Nnn Nanning: 2x15, 3x100, 1x150 kW
/Szg Shijiazhuang, two sites: Nanpozhuang G.C. : 2x500kW; Huikou: 6x100 kW
/Ur Urumqi, Hutubi: 9x100, 8x500 kW
/Xi Xi'an, three sites: Xianyang 4x150, 6x500 kW; Baoji, Sifangshan: 6x100 kW; Baoji, Xinjie 1x150 kW
 (info from 2020, no reliable update possible - we)

Reception of PBS Xizang Holy Tibet in English on 9490 and 9580 kHz via Lhasa, January 6:
 0700-0800 on 9490 LHA 100 kW / 085 deg to EAs English. Good signal via SDR So Phisal, Thailand
 0700-0800 on 9580 LHA 100 kW / 290 deg to EAs English. Fair signal via SDR So Phisal, Thailand
 (DX MIX 1276)

Past 1700 UTC Europeans may check 6025, 6110, 6130. (we)

CUBA - 11760 kHz Su Dec 18 at 1600 UT, RHC Bauta announces continuing on 11760 and 15140 kHz and FM;
 1602 UT opening weekly Esperanto, also on much weaker 15140 kHz, claiming sked is Sun 0800 UT on 6100 kHz;
 1600 UT on 11760-only; 2230 or 2330? UT on 15730 kHz.

At the Esp'o service they haven't a clue when and where they are really being transmitted: 0800 UT has been AWOL lately, used to appear on some 6 MHz channel not always 6100 kHz but all of them off earlier today; 1600 UT has been on +15140 kHz for years; third airing has been reported in B22 at 2130 UT on 13680 kHz or somewhere. Also both

announcers can't break themselves of Spanish habits, misaccentuating Ameriko and politiko as "Ameriko" and "politiko".
(gh, via NASWA Electronic Flashsheet #1079 Dec 18)

Radio Habana Cuba / RHC in Spanish on 6000 kHz via Titan-Quivican San Felipe, January 2:
1200-1500 on 6000 QVC 250 kW / non-dir to NCAM. Very good, but distorted via SDR Frostburg MD
Today for a first time with Winter B-22 frequency/time announcement: always missing 1200-1500UT 6000 kHz; 1200-1600UT wrong 9650 kHz, instead of 9710 kHz; and 15140 kHz is 19mb, NOT in 25mb.

Radio Habana Cuba in Spanish/English/Spanish on 2nd hx 10080 kHz via Bauta, January 4:
0502 & 0702 on 10080 BAU 100 kW / 083&263 to Cuba Spanish (2 x 5040) via SDR Frostburg MD, USA.
from 0558 on 10080 BAU 100 kW / 083&263 to Cuba English (2 x 5040) via SDR Frostburg MD, USA.
(DX MIX 1276)

Radio Habana Cuba in English on 15140 kHz via Bauta & unscheduled 11760 kHz via Bauta, January 8:
from 2000 on 15140 BAU 100 kW / 340 deg to WNA English as scheduled. Weak/fair via SDR Frostburg MD USA
from 2000 on 11760 BAU 100 kW / non-dir to NCAM English, unscheduled. Weak/fair via SDR Frostburg MD USA

Radio Habana Cuba in French on 15140 kHz via Bauta & unscheduled 11760 kHz via Bauta, January 8:
from 2101 on 11760 BAU 100 kW / non-dir to NCAM French unscheduled. Fair/good via SDR Frostburg MD, USA
from 2101 on 15140 BAU 100 kW / 340 deg to WNA French as scheduled. Fair/good via SDR Frostburg MD USA
(DX MIX 1277)

DENMARK - Danish low power broadcaster "Radio OZ-Viola" on 6055 kHz via transmitter in Hilleroed is taking a break from its shortwave broadcast due to interference being caused to a neighbour. Will now try and find a technical solution to the problem.

(Ivo Ivanov-BUL, direct and hcdx via wwdxc BC-DX Topnews Dec 12)

5929.98 World Music Radio, Bramming Dec 17, 1613-1621 UT playing pop etc songs; better in usb sync, shallow rapid qsb, strong qrn rustle, poor/very weak/no audio at times.

5970.02 Radio 208 (pres), Hvidovre Dec 7, 1806-1818 UT playing some rock songs (Pink Floyd's Money, etc.); audible in ssb only, better in usb sync, shallow rapid qsb, strong qrn rustle, poor/very poor or no audio at times (Gianni Serra-ITA, WOR Dec 19)

25800 kHz World Music Radio, Marslet, on Dec 25 at 1041 UT, pop songs, id. at 1047 UT: "This is WMR, World Music Radio", cumbia "La Colegiala". // 15700 kHz.
(Manuel Mendez-ESP, via SBA #2018 Dec 27)

World Music Radio 5930 kHz (200 Watt) and 15700 kHz (10 Watt) now again 24 hours 7 days a week. Until further notice - but will change again back to weekends only should electricity cost rise again. Also WMR 927 kHz (100 Watt) and 25800 kHz (60 Watt) are running 24/7 hr/d.
(Stig Hartvig Nielsen-DEN, hcdx Dec 31)

ESWATINI {SWAZILAND} - 9500 kHz Trans World Radio (Manzini site) at 1804 UT in English, American preacher Dr. Tony Evans, 1830 UT contact info for his ministry, 1831 UT TWR info. - Very good, Dec. 17.
(Harold Sellers-BC-CAN, via wwdxc BC-DX Topnews Dec 17)

9584.987 SWZ TWR Africa from Manzini, Vernaculars, S=8, 14.26 UT, Dec 18 (wb)

GERMANY - 6095 kHz Radio SE-TA2, via MBR Nauen site, Sunday Dec 25 at 0931 UT in German, "Merry Christmas", id. "Radio SE-TA2", some comments in English.
(Manuel Mendez-ESP, via SBA #2018 Dec 27)

5960 kHz Dec 25 at 0015 UT, The Mighty KBC via MBR Nauen, for the last time. I just tried it at UTwente and heavy mix with E Turkistan CCCCCI. Also caught the very last minute at 0159 UT direct, S=9+20dB and no QRM now. Last thing they did was appeal for more sponsors.

> From Jan 1 to be WRMI FL-USA 5950 kHz, Sundays at 22-24 UT, time collision with 7490 kHz WBCQ shows Marion's Attic and Uncle Bill's Melting Post. UB says he does not mind the competition, not going to move and likes being adjacent to Harry Shearer's Le Show 7490v from 0000 UT Mondays.
(gh, WOR & hcdx Dec 26)

Change of PAB Frank&Ernest Discussion via MBR Nauen from January 1:
1400-1415 on 17715 NAU 250 kW / 094 deg to SAs English Su - new time of airing!
1430-1445 on 15205 NAU 250 kW / 094 deg to SAs English Su - is cancelled due to

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additional new program of Bible Voice Broadcasting in Dari on 11900 via MBR Nauen 1430-1445 on 11900 NAU 250 kW / 102 deg to SAs Dari Tue/Thu/Su - from January 1 17715 is unregistered in B-22 HFCC. Very good on 11900 kHz via SDR Heimiswil, SUI

Very good signal of Bible Voice Broadcasting on 9450 kHz via MBR Nauen, January 6: 0500-0515 on 9450 N 250 kW / 120 deg to N/ME Arabic/English Fri via SDR Heimiswil, Switzerland (DX MIX 1276)

GUAM - Reception of KTWR Trans World Radio Asia in English on 13740 kHz via Agana, January 10: 1245-1301 on 13740 TWR 250 kW / 285 deg to SAs English Mon-Fri. Very good via SDR So Phisal.

Reception of Trans World Radio India in Kazakh on 9900 kHz via KTWR Agana, January 6: 1446-1500 on 9900 TWR 250 kW / 305 deg to CAs Kazakh Daily. Very good via SDR So Phisal in THA

BRB Living Water Ministry Broadcasting in Korean on 9900 kHz via KTWR Agana, January 6: 1502-1601 on 9900 TWR 250 kW / 335 deg to NEAs Korean Tue-Sat. Very good via SDR So Phisal, THA. (DX MIX 1277)

INDIA [to INS] - 15050.005 kHz AIR Bangalore unit much early air, noted TX carrier around 01.24 UT air, S=7-8 in Tokyo SDR remotely. Heard AIR flute pause signal then, at 01.27 UT AIR station annmt read in Indonesian, and AIR Indonesian schedule read til 01.29:55 UT. AIR flute interval signal till 01.30:40 UT, when regular AIR program start by female announcer read.

At 01.30 UT no signal stated of AIR Leh mountain sce of 4760 kHz.

13695 kHz AIR Mandarin service channel at 00.36 UT Dec 20:

13694.995 kHz AIR Bangalore signal - on lower fq side flank ! - 13695even CHN CNR1 jamming signal co-channel. Compared SDR signals in Doha Qatar, Delhi, Hiroshima and Tokyo Japan.

7380.003 AIR Bangalore scheduled at 01.00-01.30 UT in Sinhala, but noted much earlier air. Powerful S=9+30dB signal, loud sub-continental music already heard around 00.51 UT. An AIR stn ID heard at 00.59 UT like also Punjabi mentioned. Sinhala language service to Ceylon SoIND started around 01.00:05 UT after AIR flute pause signal.

Poor AIR DRM signal of Tibetan from scheduled Delhi Kingsway sce noted also at 01.00 UT, due of short distance 11560 kHz, accompanied by CNR1 jamming - only fair signal from China mainland.

[selected SDR options, span 12.5 kHz RBW 15.3 Hertz] (wb df55sx, wwdxc BC-DX TopNews Dec 20)

A.I.R. Bengaluru Transmitter Problems? Log 01.45 - 02.30 UT Monday Dec 26 taken in Delhi, Doha Qatar and Hiroshima Japan SDR.

7289.979 surprise, surprise, US AGM scheduled Pashto sce from Biblis Germany txion center at 01.30-02.00 UT, noted much odd fq at 01.40 UT at S=9+15dB in Delhi.

7385even CHN PBS Xizang Lhasa Baiding, Tibetan sce at 01.54 UT S=9+20dB strong in Qatar and Delhi.

11559.772 kHz much odd fq signal again from AIR Delhi Kingsway site in Nepali at 01.56 UT S=9+15dB jammed by CHN mainland CNR1 jamming on 11560 kHz even.

13710 nothing of AIR Indonesian at this hour 02.08 UT, scheduled 01.30-02.30 UT.

but nearby 13730 CHN DRM digital CNR1 from Kunming site 02-03 UT, S=7 at 02.11 UT. and // DRM 15180 kHz CNR1 at S=7 level at 02.13 UT.

15210.008 IND AIR Nepalese sce from Bangalore site, 01.45-03.15 UT scheduled, noted at 02.16 UT (not 9910 kHz).

15050.005 IND AIR Indonesian from Bangalore site, S=4-5 low level in Hiroshima Japan SDR unit at 02.19 UT (not 13710 kHz).

Nothing noted of AIR Tibetan 9875 kHz ?

[selected SDR options, span 12.5 kHz RBW 15.3 Hertz] (wb df55sx, hcdx via wwdxc BC-DX TopNews Dec 26)

INDONESIA - 7289.960 kHz Dec 25 at 0802 UT, JBA carrier, likely my first capture finally of RRI Nabire, north coast of New Guinea, which Ron Howard hears just about every night but 7289.94 kHz as of Dec 23 with both Islamic and Xmas stuff, in any case violating Separation of Mosque/Church and State. Timespan varies widely from somewhat before 0800 until blocked at 0931 UT, but often off much earlier. Now it's slightly stronger than the Vanuatu 7260 kHz JBA carrier.
(gh, WOR Dec 25)

Similar channel fq usage by US AGM Biblis Germany site in UTC night: Log 01.45 - 02.30 UT on Monday Dec 26 taken in Delhi, Doha Qatar and Hiroshima Japan SDR.

7289.979 kHz surprise, surprise, US AGM scheduled Pashto sce from Biblis in Germany txion center at 01.30-02.00 UT, noted on much odd fq at 01.40UT at S=9+15dB in Delhi Perseus SDR unit.
[selected SDR options, span 12.5 kHz RBW 15.3 Hertz] (wb df55sx, wwdxc BC-DX TopNews Dec 26)

IRAN - The website of IRIB is no more available at <<http://parstoday.com>> due to US and international restrictions (dot com is US based). Please try now <<http://parstoday.ir>> (we)

KOREA, REP. OF (South) - 4885.003 kHz EoH Korean sce, but heard rather western English language pop mx of UK and USA origin, meant to northern D.P.R. nationals audience. S=9+10dB powerful signal noted in Hirsoshima Japan SDR at 01.37 UT on Dec 20.
[selected SDR options, span 12.5 kHz RBW 15.3 Hertz] (wb df55sx, wwdxc BC-DX TopNews Dec 20)

6045 kHz, Voice of Freedom, *0753 UT; intro music, gong rung three times; Voice of Freedom ID; Rep of Korea choral National Anthem; VOF FM frequency announcement; VOF singing station jingle; 0500 PM KST announcement; time pips; 0800 UT, program "Hamkke tteonaneun eum-ag-yeohaeng" (Let's Go Music Together); North Korea jamming started shortly after sign-on.
(Ron Howard-CA-USA, via wwdxc BC-DX TopNews Dec 9)

6044.991 kHz MUCH HEAVY KRE jamming noted in Japan remotely, S=9+35dB powerhouse jamming signal at 08.20 UT on Dec 11.
[selected SDR options, span 12.5 kHz RBW 15.3 Hertz] (wb df5sx, wwdxc BC-DX TopNews Dec 11)

KOREAs BOTH: D.P.R. {North} and REP. OF {South} - Nearby 90 / 75 meterband and fqs in between 2349.384 formerly, odd fq KCBS Pyongyang Korean - not anymore in 2023year.

3205.170 approx. centered

KRE KCBS Pyongyang Korean progr in DRM mode via Pyongyang site, S=9+5dB signal at 15.05 UT on Jan 2nd.
9.7 kHz broadband digital block signal approx. 2 x 13 kHz seen on Perseus screen in Hiroshima Japan remotely.

3219.922 KRE KCBS Pyongyang Korean progr via Hamnung tx site, not observed around 15.07 UT time slot.

3247.800 NZL ZKLF Auckland Fax Meteo, S=9+10dB noted in Edmonton-Alb_CAN at 11.50 UT on Jan 2nd.
QRM on lower sideband of 3249.994 KRE VoKorea Pyongyang, Korean, S=9+5dB at 11.52 UT.

3319.998 KRE Pyongyang BS Korean at 12.02 UT S=9+5dB signal in Japan,
but LOW modulation though. Symphonic music px.

3324.998 INS VoINS Palang Karaya, mx at 12.04 UT S=7 in Hiroshima Japan.

3330even CAN CHU Ottawa, time and standard sig stn, S=9+45dB in Alberta.
{but 7850 kHz channel NOT ON AIR today, but back Jan 4 wb.} 12.06 UT.

3944.992 KRE Echo of Unification Pyongyang, S=9+10dB signal strength
at 13.32 UT. KRE Army ladies women chorus. 14.01 UT cl-d

3959.021 KRE KCBS Korean via Kanggye site, S=7-8 in Tokyo at 13.32 UT.

Echo of Hope - VOH, frequencies on Jan 2nd:

3980.012 kHz S=9+25dB at 13.43 UT ! {3982.5 - 3987.5 kHz KRE jamming}

4885.006 kHz S=9+5dB at 13.50 UT

5990.029 kHz S=9+30dB at 14.05 UT {KRE jamming on 5990.001 kHz }

{6000 kHz is covered by CHN Beijing radio in Mandarin}

6348.034 kHz S=9 at 14.39 UT Jan 2nd

14

9099.998 kHz S=9+10dB at 14.46 UT Jan 2nd.

4010.007 kHz string visible, heavy fluttery KGZ Kirghiz Radio Bishkek at 13.25 UT on Jan 2nd. Low modulation level in FE. S=5-6 signal in Hiroshima JAP remotely.

4560.010 KRE formerly 4557 kHz 2100-2000 PYONGYANG BS Korean Pyongyang-sic {wrong, my fault, see correction below. Is rather a Capitalistic South Korean sce, - real 'Voice of the People' signal, wb. } in Korean, S=9+10dB in Japan at 13.47 UT, S=9+20dB at 16.30 UT on Jan 2nd.

5829.938 UZB IITV London in Persian, via Tashkent bcast center, 13.58 UT

5914.979 MMR Myanmar R Nay Pyi Daw, little bit aligned towards even fq. S=9+10dB at 13.58 UT.

5919.995 KOR Voice of Freedom Hwaseong, S=9+5dB at 13.59 UT on Jan 2nd.

6015even KBS Seoul Hanminjok, S=9+15dB at 14.15 UT Jan 2nd. slight scratch jamming underneath.

6046 - 6049 kHz old KRE jammer service ON AIR, against NOTHING ? 14.10 UT

6100.010 KRE Domestic Korean mx program, S=8 at 14.20 UT on Jan 2nd.

6160.005 KRE Pyongyang BS from Kanggye site, Korean ladies singer chorus, S=8 at 14.27 UT.

6170.098 (! much odd fq !) KRE VoKOR in Russian from Kujang, 14.30 UT

6185even KRE VoKOR in Korean from Kujang, much BAD audio muffled tone at 14.32 UT on Jan 2nd. S=9+5dB.

6249.996 kHz S=9+10dB at 14.32 UT Jan 2nd. accompanied KRE jamming on 6248 - 6253 kHz range.

{6280.015, 6340.167, 6348.034, 6369.966, 6900.028, 6970.101 kHz
TWN SOH Falun Gong sect in Mandarin at 14.38 UT, Jan 2nd}

Voice of the People

3480.008 KOR VoP Kyonggi-do Goyang, S=8-9 at 12.10 UT in Alb-CAN; and in JAP S=9+10dB at 13.37 UT.

3910.011 KOR VoP Kyonggi-do Goyang, Kor, observed in JAP S=9+35dB at 13.36 UT.

3930.005 kHz at 13.35 UT via Kyonggi-do Goyang; S=9+35dB KRE powerhouse bubbler

4450even kHz S=9+20dB at 18.30 UT {KRE jamming on 4449.981 kHz }

6520.015 kHz S=9+5dB at 14.40 UT

6599.999 kHz S=9+5dB at 14.43 UT on Jan 2nd.

5129.940 kHz heavy fluttery KGZ Radio Sedaye Zindagi in Pashto/Dari religious - TWR like program, from Bishkek Krasnaya Rechka bcast center to Afghanistan target, at 16.45 UT on Jan 2nd, 2023. Low modulation.

[selected SDR options, span 12.5 kHz RBW 15.3 Hertz] (wb df5sx, wwdxc BC-DX TopNews Jan 2nd, 2023)

LITHUANIA - 1386 kHz - B22 schedule for relays on Viesentos 75 kW:

1300-1400 Radio Poland (English)

1500-1530 NHK World Japan (Russian/English)

1600-1630 Radio Poland (in Russian)

1630-1700 Radio Poland (in Polish)

1700-1730 Radio Poland (in German)

1730-1750 NHK World Japan (Russian/English)

1750-1800 NHK World Japan interval signal

1800-1830 Deutsche Welle (in Russian)

1830-2100 RFE/RL R Svoboda (in Russian)

2100-0300 Ukrainian Radio (Ukrainian, (+ short news in several languages -we-)

0330-0350 NHK World Japan (Russian/English)

0350-0400 NHK World Japan interval signal

0400-0500 Radio Poland (in Belarusian)

0500-0530 Radio Poland (in Ukrainian)

(Weeri mediumwave.info 1 Nov; via Dave Kenny-UK BrDXC-UK 'Communication' magazine 12, page 22, Dec 12)

MADAGASCAR - 9845 kHz World Christian Broadcasting, from Mahajanga site, 1910-1930 UT, 16 Dec, Russian.

Secular music followed by man preaching with segments interjected by a woman. 1923 UT: Christian pop music sung in English until 1928 UT. Fluttery signal. SINPO 33333.

(Tony Pavick-BC-CAN, via NASWA Electronic Flashsheet #1079 Dec 18)

11690 kHz (organized via MGLOB Talata Volonondry Madagascar relay facility, wb.) RERISAT at 1800 UT, M in (listed) Tigrinya (N Ethiopia; Eritrea), went to the half hour and suddenly off. Fair to Good. Dec. 12.

(Rick Barton-Sun City-AZ-USA, WOR Dec 20)

18.00-18.30 UT exTue/exThur, 18.30-19.00 UT daily, wb.

11610 kHz (MWV New Life Station, Mahajanga) R Feda 2100 UT. Opening with familiar KNLS tuning signal (tho this is not via the KNLS Alaska site), just after the close of African Pathways Radio above 11965 kHz. Man begins talk in Mandarin Chinese with contact info. Good Dec. 19.

(Rick Barton-Sun City-AZ-USA, WOR Dec 20)

13830 kHz Vatican Radio (via Talata-Volonondry) at 1636 UT in English, man telling the Christmas story of Jesus' birth, 1637 UT message about serving. - Very good, // 15565 kHz via Vatican State good, Dec. 17.

(Harold Sellers-BC-CAN, via wwdxc BC-DX Topnews Dec 17)

11610 kHz via Mahajanga. The Light of Life / World Christian Broadcasting at 2130 UT. (Pres.) religious lecture by man, Chinese (listed Mandarin). Signal so strong SW-2000629 and indoor short wire, we had to switch attenuator. Contrasted w/ other signals we've heard from Madagascar over the past couple days, this bx really puts in a powerhouse signal here.

Excellent Dec. 27

(Rick Barton <desertmoon_dxr -at- yahoo.com> Sun City-AZ-USA, WOR Dec 28)

11985 via Talata-Volonondry. Adventist World Radio 2120 UT. Religious lecture by man in Nigerian Pidgin (a heavily accented English), some very nice vocal music. The programming here much more listenable than many of the other broadcasters who, like their brethren in MW band talk radio, do a lot of shouting. Same ann back after music with contact 411, outro music and off Fair to Good Dec. 27

(Rick Barton <desertmoon_dxr -at- yahoo.com> Sun City-AZ-USA, WOR Dec 28)

MALI - Radio Nationale de Mali, Bamako, very good 5995 often. The 31mb outlet is difficult here, but noted with sign at 0800 UTC December 28. Very weak in French.

(Stig Hartvig Nielsen-DEN, hcdx Dec 31)

MARIANA ISLAND - US AGM relay site Tinian Island, VoA in Korean language VoA und RFA - since December 14; time slot 19 - 21 UT: 9575 kHz from Tinian MRA Island, formerly 9975 kHz.

from Tokyo monitoring, VoA :

2022-12-14 19:01:53 capture: AM 9800 (PHT) VOA KORE

2022-12-14 19:02:15 capture: AM 9575 (TIN) VOA KORE (ex 9975 kHz)

2022-12-14 19:02:37 capture: AM 7465 (PHT) VOA KORE

from 21 - 22 UT Tinian Island US AGM relay in Korean RFA ! 9940 kHz then.

2022-12-14 21:01:31 capture: AM 11945 (SAI) RFA KORE

2022-12-14 21:01:53 capture: AM 9990 (SAI) RFA KORE

2022-12-14 21:02:15 capture: AM 9940 (TIN) RFA KORE

(wb df5sx, via wwdxc BC-DX Topnews Dec 17)

15109.996 kHz US AGM relay site of Tinian Isl bcast RFA Burmese language sce at 00.30-01.30 UT, powerful signal into Delhi SDR unit and Doha Qatar SDRs, S=9+15dB at 01.11 UT on Dec 20.

[selected SDR options, span 12.5 kHz RBW 15.3 Hertz] (wb df55sx, wwdxc BC-DX TopNews Dec 20)

MEXICO - 6185, Dec 29 at 0733 UT, XEPPM is S7/S9, good modulation, soprano in English with I know that my redeemer liveth. Let us classify as a bit of classical among eclectic format rather than conversion to gospelhuxterism. One redeeming aspect of religionism is the great music it has inspired, even for the Secular.

(gh, WOR Dec 29)

MYANMAR - 7345 kHz Thazin Radio, from Pyin Oo Lwin northern bcast center Myanmar (tent.), Dec 7, it's that time of year again, when late in the morning Asian propagation period, Thazin fades in as China is fading down.

Hearing nice ethnic chanting a cappella by YL this morning at 1325UT, mixing with co-channel Cantonese tlks from

CNR-7 Radio The Greater Bay via Huhhot. Then at -1330* UT the tentative Thazin abruptly signed off, consistent with listed skeds.

(Ralph Perry, Wheaton-IL-USA, NASWA Electronic Flashsheet #1078 Dec 11)

5914.980 much odd fq of Myanmar Radio from northern capital Nay Pyi Taw, S=8-9 at 00.35 UT on Dec 22.

5985even Myanmar Radio from old British colonial empire relay site Yengu Yangoon S=9+10dB signal noted at Doha Qatar SDR and also much stronger KiWI SDR remotely from Siliguri location in far eastern India province too. 23.00-01.30 UT. At 00.40 UT

6164.993 kHz S=5 signal in Delhi and Doha Qatar remotely, but S=7-8 or fluttery -82dBm signal noted at Siliguri East_IND or Kiwi unit in Bangkok Thailand too, at 00.47 UT from northern bcast center at Pyin Oo Lwin.

[selected SDR options, span 12.5 kHz RBW 15.3 Hertz] (wb df55sx, wwdxc BC-DX TopNews Dec 22)

NETHERLANDS - 6020 and 11730 kHz - Return of Radio Delta. For a simple antenna and 1000 Watt their signal into the UK is phenomenal. Must be something about that rather short path - I remember the 49 mb transmissions from Radio Nederland often being similarly good during their early transmissions back in the Seventies / Eighties.

(Andrew Tett-UK, BrDXC-UK groups.io Dec 26)

Strong signal from Radio Delta on 6020 kHz, this morning from 0915 tune-in. Just heard greetings to Manuel Mendez in Spain.

Not audible here on 11730 kHz but checking on an SDR in Carlow, Ireland, 11730 kHz is also on in parallel with a strong signal there.

(Dave Kenny-Caversham Berks-UK, BrDXC-UK groups.io Dec 25)

6005 NL Radio Delta International, Elburg Irr. (Fr or Sa 1700-0800)

6020 NL Radio Delta International, Elburg Irr. (Su)

Subscription of private radio stn list by email is free of charge; write to <shn -at- wmr.dk>
(Stig Hartvig Nielsen-DNK, wwdxc BC-DX TopNews Dec 3)

Via email: <<https://radiodelta.am/programming/>>
(via Peter Jones, via BrDXC-UK groups.io Dec 17)

NEW ZEALAND - RNZ Pacific schedule update. It appears a new shortwave schedule went into effect Dec. 10, according to what's currently visible on: <<https://www.rnz.co.nz/international/listen>>

00:00-05:58 15720 AM Pacific Mo - Su

05:59-12:58 13755 AM from 10 Dec Pacific Mo - Su

The next row of data seems redundant:

08:59-12:58 13755 AM from 11 Nov NW Pacific Vanuatu Solomon Isl PNG Mo - Fr

(Ricky Leong-Alb-CAN, WOR Dec 11)

7390 kHz Radio New Zealand Pacific, Rangitaiki heard at 1338 UT on Dec 6, a program on ways to lower the crime rate in the Pacific Region. Mostly fair.

(Bob Brossell, Pewaukee-WI-USA, NASWA Electronic Flashsheet #1078 Dec 11)

Very good signal of Radio New Zealand RNZ Pacific in English on 13755 kHz via Rangitaiki, December 31: from 1100 on 13755 RAN 050 kW / 035 deg to All Pacific AM mode Sat/Sun "Happy New Year 2023" via SDR So Phisal, THA

1259-1650 on 9615*RAN 050 kW / 035 deg to All Pacific Daily, registered on December 30, upcoming frequency change?

* instead of 7390 RAN 050 kW / 035 deg to All Pacific English AM mode Daily Radio New Zealand Pacific NZL RNZ RNZ.

(DX MIX 1276)

NIGERIA - 7254.934 kHz Dec 25 at 0806 UT, JBA carrier, no doubt VON, first time detected in more than a week signature off-frequency; nominally from *0555 UT used to be bigsig here. Should be in English 08-10 UT. So Nigeria is not yet a defunct SWBC country, but trying hard.

(gh, WOR & hcdx Dec 26)

PALAU - Good signal of Hope Radio on 9965 kHz via T8WH Angel 5 Medorn on January 5 till 0850 on 9965 HBN

100 kW / 345 deg to NEAs English via SDR So Phisal Thailand.
(DX MIX 1276)

Good signal of Hope Radio in English/Chinese on 9965 kHz via T8WH Angel 5 Medorn, January 13
from 0812 on 9965 HBN 100 kW / 345 deg to NEAs English MFC Worldwide via SDR So Phisal in Thailand.
from 0830 on 9965 HBN 100 kW / 345 deg to NEAs Chinese Fri Truth Talks via SDR So Phisal, Thailand.
(DX MIX)

PHILIPPINES - 12095 kHz FEBC Radio (via Bocaue site) 2300 UT. Long talk by M in (listed) Hmong (spoken in Laos, northern Vietnam, Thailand, et al) Logged SW-2000629 ane indoor wire. Fair Dec 18.
(Rick Barton-Sun City-AZ-USA, WOR Dec 20)

12095.003 PHL FEBC Bocaue in Khmer language, S=9+20dB at 13.52 UT
12119.974 PHL FEBC Bocaue in Burmese language, S=9+15dB at 13.53 UT
9275.002 PHL FEBC Bocaue in Burmese language, S=9+10dB at 13.55UT
9939.980 PHL FEBC Bocaue in Uyghur language, S=9+10dB at 14.42 UT.
11599.972 PHL FEBC Bocaue, Mandarin of Hong Kong office px, 13.36 UT.
(Dec 18, wb).

Reception of Radio Pilipinas PBS on 9925, 12120, 15190 kHz via Tinang, January 11:

1730-1930 on 9925 PHT 250 kW / 283 deg to N&ME Tagalog. Very strong via SDR So Phisal, Thailand
1730-1930 on 12120 PHT 250 kW / 283 deg to N&ME Tagalog. Very strong via SDR So Phisal, Thailand
1730-1930 on 15190 PHT 250 kW / 283 deg to N&ME Tagalog. Very strong via SDR So Phisal, Thailand
(DX MIX 1277)

RUSSIA - Nach Angaben von RusDX bereitet das Radiozentrum #5 in Kaliningrad nach 1143 kHz eine zweite Frequenz vor: 549 kHz.

Bisher brachte man 50-70 kW an einen fruheren 257-m-Langwellenmast (171 kHz). Die geplante Reaktivierung einer in Russland schon lange toten Mittelwelle hat historische Reminiszenzen und aktuelle Konsequenzen.

In der Sowjetzeit sicherte Moskau den Allunionsprogrammen Gleichwellen auf niedrigen Frequenzen, waehrend die Republiksender in der Regel auf Mittelwellen ueber 1000 kHz sendeten. Nach dem Genfer Wellenplan von 1975 sendeten auf 549 kHz offiziell folgende Stationen:

Belarus Minsk 1000 kW,
Ukraine Rivne 150 kW und
Simferopol 100 kW,
Moldowa Kishinev 1000 kW
und aus Russland
Kaliningrad 25 kW,
Leningrad 100 kW und
Moskau 100 kW.

Tatsaechlich machte die UdSSR aber falsche Angaben ueber die Sendestandorte. Mit dem Zerfall der Sowjetunion zerfielen auch die Gleichwellen, was in den Nachfolgestaaten fuer Frequenzen wie 171, 549 und 873 kHz erhebliche Interferenzprobleme bedeutete. Tatsaechlich gehoerte die Mittelwelle 549 kHz vor dem russischen Ueberfall auf die Ukraine zu den noch genutzten Frequenzen des ukrainischen Rundfunks. Allerdings war der Sendestandort der Mittelwelle Mykolajiw Luch 549 kHz (400 kW) an der Grenze der Regionen Kherson und Mykolajiw.
(Dr. Hansjoerg Biener-D, direct and WOR Jan 2)

SAUDI ARABIA - 21670.02 Saudi R. Int'l - Riyadh, 0905 UT on Dec 11, Indonesian to SEAs. Anncts and Arabic music. Serious audio issues on this occasion. Choppy audio and many breaks in the audio feed of between 1 and 12 seconds. But the carrier remained strong throughout the interruptions.
(Rob Wagner VK3BVW, Mount Evelyn-Vic-AUS; via NASWA Electronic Flashsheet #1078 Dec 11)

SRI LANKA - 9765 kHz Adventist World Radio (SLBC Trincomalee relay site) at 1551 UT in Oriya language, man preaching to 1555UT with "amen", another male speaker with announcements and cut off suddenly before 1556 UT. Good, Dec. 17
(Harold Sellers-BC-CAN, via wwdxc BC-DX Topnews Dec 17)

11755 kHz Adventist World Radio (SLBC Trincomalee relay site) at 1616UT in Urdu language, man preaching, off suddenly at 1625 UT. Very good, Dec 17.
(Harold Sellers-BC-CAN, via wwdxc BC-DX Topnews Dec 17)

Sri Lanka (tentat. ? - or Tashkent UZB ?) 00.00-01.00 UT. 11829.905 much odd signal of AWR Mandarin sce; like Tashkent UZB signals lower fq flank. AWR n o t jammed by China mainland CNR1 signal. Program break 00.28 to 00.30 UT, then at 00.30:06 UT Dec 20 2nd part of AWR Mandarin 30 mins duration each, started. Maybe - one of three - SLBC TXs at Trincomalee relay site location send out 'lower fq sideband flank' these days ?
[selected SDR options, span 12.5 kHz RBW 15.3 Hertz] (wb df55sx, wwdxc BC-DX TopNews Dec 20)

TAIWAN - 17755 kHz Mizzima Radio - Paochung site. 0335 UT. Burmese to SEAs, interview program, a good signal on first tuning in but weakened considerably by s/off at 0359 UT on Dec 10.
(Rob Wagner VK3BVW, Mount Evelyn-Vic-AUS; via NASWA Electronic Flashsheet #1078 Dec 11)

5900 kHz OPPOSITION target radio. National Unity Radio via ??? (Ivo says Tashkent but xmsns at this hour were previously listed as via Tamsui Taipei), Dec 13. Fair-good but muffled signal 1235 UT with usual programming, OM and YL in Korean, orchl theme mx breakers. This QRG not as good as 7200 kHz was previously. (Ralph Perry, Wheaton-IL-USA, NASWA Electronic Flashsheet #1079 Dec 18)

6045 kHz "Furusato no Kaze" clandestine / opposition in Japanese target D.P.R. North Korea (tent), Dec 12, at 1619-1628 UT. SIO 444. MX, YL performer with a ballad. Broadcast likely from Tanshui, Taipei Taiwan. YL announcer in Japanese. MX continues, including a children's song.
(Vince Henley-WA-USA, via NASWA Electronic Flashsheet #1079 Dec 18)

9800 kHz OPPOSITION / RESISTANCE / Target Radio (to/against North Korea from Japan origin) Nippon no kaze/Wind from Japan {rather via Pao Chung site in Taiwan, 15.00-16.00 UT wb.} 1500 UT long monologues by W in Korean, some pop music nearer the half hour. Very Good Dec. 19.
(Rick Barton-Sun City-AZ-USA, WOR Dec 20)

[TAIWAN / KUWAIT / MARIANA ISL. / Saipan & Tinian / TAJIKISTAN] -Re: 15145 kHz. UNID, ... new entry first appearance on Jan 5th at 02.00-02.59 UT time slot; formerly 25 mb entry, at 00.00-00.59 UT on 11695 kHz til Jan 4th.

RFA Uyghur service via Taiwan Pao Chung relay site:

2023-01-04 01:01:31 capture: AM 12065 (KWT) RFA UYGH
 2023-01-04 01:01:53 capture: AM 11530 (TIN) RFA UYGH
 2023-01-04 01:02:15 capture: AM 9700 (KWT) RFA UYGH
 2023-01-04 01:02:37 capture: AM 9450 (SAI) RFA UYGH
 2023-01-04 01:02:59 capture: AM 7580 (DB) RFA UYGH
 2023-01-04 01:31:31 capture: AM 12065 (KWT) RFA UYGH
 2023-01-04 01:31:53 capture: AM 11530 (TIN) RFA UYGH
 2023-01-04 01:32:15 capture: AM 9700 (KWT) RFA UYGH
 2023-01-04 01:32:37 capture: AM 9450 (SAI) RFA UYGH
 2023-01-04 01:32:59 capture: AM 7580 (DB) RFA UYGH

2023-01-04 16:04:27 capture: AM 11805 (KWT) RFA UYGH
 2023-01-04 16:04:49 capture: AM 9560 (PAO) RFA UYGH
 2023-01-04 16:05:11 capture: AM 7560 (KWT) RFA UYGH
 2023-01-04 16:05:33 capture: AM 7545 (DB) RFA UYGH
 2023-01-04 16:34:27 capture: AM 11805 (KWT) RFA UYGH
 2023-01-04 16:34:49 capture: AM 9560 (PAO) RFA UYGH
 2023-01-04 16:35:11 capture: AM 7560 (KWT) RFA UYGH
 2023-01-04 16:35:33 capture: AM 7545 (DB) RFA UYGH

2023-01-05 01:01:31 capture: AM 12065 (KWT) RFA UYGH
 2023-01-05 01:01:53 capture: AM 11530 (TIN) RFA UYGH
 2023-01-05 01:02:15 capture: AM 9700 (KWT) RFA UYGH
 2023-01-05 01:02:37 capture: AM 9450 (SAI) RFA UYGH
 2023-01-05 01:02:59 capture: AM 7580 (DB) RFA UYGH
 2023-01-05 01:31:31 capture: AM 12065 (KWT) RFA UYGH
 2023-01-05 01:31:53 capture: AM 11530 (TIN) RFA UYGH
 2023-01-05 01:32:15 capture: AM 9700 (KWT) RFA UYGH
 2023-01-05 01:32:37 capture: AM 9450 (SAI) RFA UYGH
 2023-01-05 01:32:59 capture: AM 7580 (DB) RFA UYGH

First entry appeared in RMS on Jan 5th

2023-01-05 02:01:31 capture: AM 15145 (PAO) RFA UYGH
 2023-01-05 02:31:31 capture: AM 15145 (PAO) RFA UYGH

Formerly till Jan 4th

2023-01-04 00:01:31 capture: AM 11695 (PAO) RFA UYGH

2023-01-04 00:31:31 capture: AM 11695 (PAO) RFA UYGH

(wb df5sx, wwdxc BC-DX TopNews Jan 4 - 5)

Radio Taiwan International. From January 1, 2023, Radio Taiwan International's Korean Service will be transmitted with the following frequency changes:

10:30-10:58 UTC 9570 kHz

22:00-22:30 UTC 6085 kHz

23:00-23:30 UTC 9570 kHz

Meanwhile, Radio Taiwan International's Korean Service will be temporarily conducted the test broadcast to improve the reception condition as follows

* Jan. 9 ~ Jan. 15 10:30-10:58 UTC 9700 kHz

* Jan. 16 ~ Jan. 22 10:30-10:58 UTC 11620 kHz

During the test broadcast period, 9570 kHz is not transmitted.

(RTI, via BRDXC-UK iogroups Dec 28)

Reception of Radio France International in Vietnamese on 9650 kHz via Paochung, January 1:

1300-1358 on 9650 PAO 100 kW / 250 deg to SEAs Vietnamese. Very good signal via SDR So Phisal, Thailand. (DX MIX 1276)

UNITED KINGDOM {and non} - BBC World Service London-UK. The schedules from the BBC World Service can take some searching to determine when particular programmes can be heard, so here is an updated schedule of the major news programmes from the BBC WS for the B-22 broadcast season. In addition to the programmes listed below, most hours on BBC WS start with a five-minute news bulletin, and there is often a two minute bulletin of news headlines at the half-hour. Note however that programmes in the following schedule may be amended during December to allow for FIFA World Cup coverage up to the final, due to be held on 18 December.

0100-0130 mon The Newsroom (sAS) 5980-sla 15310-sng
 0400-0430 mo-fr The Newsroom (e+sAF) 9915-sla (ME) 13815-sla
 0500-0530 sa,su The Newsroom (e+sAF) 15400-mdc 17690-dha (w+cAF) 6005-smg 6195-asc 7285-asc
 0500-0600 mo-fr Newsday (e+sAF) 15400-mdc 17690-dha (w+cAF) 6005-smg 6195-asc 7285-asc
 0600-0700 sa,su Weekend (w+cAF) 7285-sao 9410-asc 11830-asc 15490-smg (e+sAF) 13685-sao
 17640-mdc 17690-dha
 0600-0700 mo-fr Newsday (e+sAF) 13685-sao 17640-mdc 17690-dha (w+cAF) 7285-sao 9410-asc
 11830-asc 15490-smg
 0700-0800 sa,su Weekend (e+sAF) 15400-sao 17640-mdc 17690-dha (w+cAF) 9410-sao 11830-asc
 12095-asc 17830-smg
 0700-0800 mo-fr Newsday (e+sAF) 15400-sao 17640-mdc 17690-dha (w+cAF) 9410-sao 11830-asc
 12095-asc 17830-smg
 1100-1130 daily The Newsroom (eAS) 6195-sng 9580-sng 11945-sng
 1300-1330 mo-fr The Newsroom (sAS) 9410-sla 12065-sng
 1300-1400 sa,su Newshour (sAS) 9410-sla 12065-sng
 1506-1530 mo-fr Focus on Africa (e+sAF) 9410-sla
 1600-1700 mo-fr BBC OS (e+sAF) 7445-mdc 17640-asc (w+cAF) 17830-wof 21630-asc (ME)
 12065-sng
 1700-1800 mo-fr BBC OS (ME) 6195-sla 12065-sng
 1706-1800 mo-fr Focus on Africa (e+sAF) 7265-mdc 7445-mdc (w+cAF) 15400-asc 17780-asc
 17830-asc
 1800-1830 sat The Newsroom (e+sAF) 7265-mdc 7445-mdc 9410-dha (w+cAF) 11810-asc
 15400-asc 17780-asc (ME) 6195-sla 12065-sng
 1900-1930 sun The Newsroom (e+sAF) 7265-mdc 7445-mdc 9410-dha 9585-sao (w+cAF) 11810-sao
 12095-asc
 1906-1930 mo-fr Focus on Africa (e+sAF) 7265-mdc 7445-mdc 9410-dha 9585-sao (w+cAF)
 11810-sao 12095-asc
 2000-2100 mo-fr Newshour (w+cAF) 11810-sao 12095-asc
 2200-2220 daily The Newsroom (eAS) 3915-sng 5960-sla 6195-sng 7300-sla 7465-sng 7520-pht
 (via BrDXC-UK 'Communication' magazine 12-2022, Dec 12)

The BBC World Service marked its 90th anniversary in December 2022. There is a BBC 100 timeline website which includes an affectionate look at the many decades the World Service spent at Bush House, in Words, audio and video.

BBC 100, Bush House Timeline, <<http://www.bbc.com/historyofthebbc/buildings/bush-house>>

For historic articles and videos about the BBC World Service, here is a list of links to explore:

Bush House, Wikipedia: <https://en.wikipedia.org/wiki/Bush_House>

The BBC at Bush House, photos through the eras by Roger Wilmut: <https://rfwilmut.net/WS/WS_0.html>

Thames TV's Afternoon Plus, a 1982 documentary: <<https://youtu.be/JPqQXHMwqKQ>>

Hang On, I'll speak to the World, a BBC 1982 documentary:
<<http://www.youtube.com/watch?v=UhaWXvOASRY&t=118s>>

Random Radio Jottings: This is London - World Service Memories:
<<http://andywalmsley.blogspot.com/2011/02/this-is-london-World-service-memories.html?m=1>>

(Chrissy Brand-UK, via BrDXC-UK 'Communication' magazine 12-2022, Dec 12)

U.S.A. - 4980 kHz Dec 7 at 0205 UT, WRMI reactivated here after months of absence, S=9+20/30dB of music; 0206 UT talking English about Ukraine with frequencies 9940, 5085 kHz and a third one I missed but not this one. Of course 9940 & 5085 kHz were kaput WTWW, and yes, still vacant; "Greatest hits of all time WRMI Legacy"; 0218 UT plug for BGEA, and instant requests via <<http://wrmilegends.com>>

This is // weaker 9455, one of the original frequencies for ex-WTWW. Skedgrid now dated Dec 6 shows 4980 kHz as WRMI-4, 160 degrees with System C Legends at 0200-0500 UT, along with WRMI-5, 285 degrees with same at 0000-0400 UT but none of that on the SystemC sked.

(gh, via NASWA Electronic Flashsheet #1078 Dec 11)

17790 kHz Radio Africa NetWork via WRMI, Okeechobee-FL relay site, 1750-1821 UT on Dec 15. English language religious programs beamed to the African continent with nice station IDs every half hour between various programs. Fair to good signal with moderate fading.

(Rich D'Angelo-PA-USA, via NASWA Electronic Flashsheet #1079 Dec 18)

Here is the latest latest WRMI Legends schedule, effective from 21 December, (at least, best that I am able to determine from the online schedule):

2200-2300	9395 [#6 355 degr NAM]		
2300-2400	4980 [#4 160 degr LAM]	5950 [#8 355 degr NAM]	9455 [#5 285 degr WNA]
0000-0100	4980 [#4 160 degr LAM]	9455 [#5 285 degr WNA]	
0100-0200	4980 [#4 160 degr LAM]	9455 [#5 285 degr WNA]	
0200-0300	4980 [#4 160 degr LAM]	9455 [#5 285 degr WNA] also Su only	
	5850 [#12 315 degr NAM]	7730 [#2 44 degr EUR]	15770 [#9 44 degr EUR]
0300-0400	4980 [#4 160 degr LAM]	9395 (Sun-Fri only)	9455 [#5 285 degr WNA]
0400-0500	4980 [#4 160 degr LAM]	7730 [#2 44 degr EUR]	15770 [#9 44 degr EUR]

(Alan Roe, Teddington-UK, BrDXC-UK iogroups Dec 22)

R Slovakia via WRMI Okeechobee-FL state, at 0130 UTC. Last evening I confirmed that WRMI is now airing Radio Slovakia International in English at 0130-0200 UTC on 5800 kHz channel. This replaces the Voice of Mongolia. Will have to check other days to see if it is daily; Mongolia had been Tuesday thru Saturday.

R.S.I. Bratislava in English, is also aired

0030-0100 5850, 15770

0300-0330 7780

2200-2230 5850 kHz.

(Harold Sellers-BC-CAN, WOR Dec 28)

Reception of Brother Stair TOM in English on 9395 kHz via WRMI#06 Okeechobee, January 1:
1000-2000 on 9395 RMI 100 kW / 355 deg to ENAm English Daily. Very good via SDR Frostburg, MD
2300-0500 on 4980 RMI 100 kW / 160 deg to LAm English Daily WRMI Legends WRMI-4 as scheduled
0500-1400 on 4980 RMI 100 kW / 160 deg to LAm strong carrier on air, no audio and continues!
2200-0500 on 5950 RMI 100 kW / 355 deg to ENAm English Daily WRMI program WRMI-8 as scheduled
0500-1400 on 5950 RMI 100 kW / 355 deg to ENAm strong carrier on air, no audio and continues!
(DX MIX 1276)

Radio Slovakia International in English on 15770 kHz via WRMI-09 Okeechobee, January 13
0600-0630 on 15770 RMI 100 kW / 044 deg to WeEu Music, instead of Radio for Peace Int and SOS WRMI

from 0630 on 15770 RMI 100 kW / 044 deg to WeEu English Daily. Very good via SDR Frostburg MD, USA

WRMI Legends, instead of Israel Radio in English on 15770 kHz via WRMI-09 Okeechobee, January 13:
0500-0600 on 15770 RMI 100 kW / 044 deg to WEu English Daily. Very good signal via SDR Frostburg, MD in USA.
(DX MIX)

Below an overview of new shows and reruns of the Mighty KBC via WRMI:
<<https://www.kbcradio.eu/index.php?dir=shows/6095>>

To Europe:

11:00-12:00 UTC Friday on 15770 kHz - The Giant Jukebox
16:00-17:00 UTC Wednesday on 15770 kHz - The Giant Jukebox

To Australia/Oceania:

08:00-09:00 UTC Saturday on 7780 kHz - The Giant Jukebox

To North America (West) and New Shows:

00:00-01:00 UTC Sunday on 9455 kHz - Radio but not as we know it
01:00-02:00 UTC Sunday on 9455 kHz - The Giant Jukebox

To North America:

02:00-03:00 UTC Saturday on 5850 kHz - Radio but not as we know it
02:00-03:00 UTC Sunday on 5850 kHz - The Giant Jukebox

To North America:

22:00 - 23:00 UTC Sunday on 5950 kHz - Radio but not as we know it
23:00 - 24:00 UTC Sunday on 5950 kHz - The Giant Jukebox

Reception of WJHR Radio International in English on 15555 kHz in USB mode via Milton, January 2
1400-2200 on 15555 JHR 050 kW / 005 deg to WNAm English USB Daily. Good signal via SDR Frostburg, MD.
(DX MIX 1276)

9330v, Dec 29 at 1537 UT, WLCR / WBCQ-6 is still/again off. Latest tweet from AW does not explain but mentions 6160 and 5130 kHz only. Needs to hire engineers who can fix things ...
(gh, WOR Dec 29)

Reception of World's Last Chance Radio in English on 9330v kHz via WBCQ Monticello, December 31
1000-1357 on 9330vBCQ 250 kW / 253 deg to ENAm English. Very good signal via SDR Frostburg MD in USA
(DX MIX 1276)

9330.046 kHz poor S=6 signal in Edmonton-Alberta SDR receiver unit. WBCQ - presenter with Australian like English accent. UNSTABLE tx frequency - hops / moves up and down approx. 8 to 10 Hertz distance. Monitored at 11.45 UT on Jan 6th.
(wb df5sx, wwdxc BC-DX TopNews Jan 6)

Very good signal of WRNO Worldwide Radio in English on 7505 kHz via New Orleans, January 4
till 0500 on 7505 RNO 050 kW / 020 deg to ENAm English & off air at 0503UT via SDR Frostburg MD

Very good signal of WWCR-2 in English on 9350 kHz via Nashville, January 2:
from 2100 on 9350 WCR 100 kW / 085 deg to CAf English via SDR Frostburg MD, USA
(DX MIX 1276)

Very good signal of WWCR-1 in Spanish on 6115 kHz via Nashville, January 12
2200-2300 on 6115*WCR 100 kW / 046 deg to ENAm Spanish via SDR Frostburg MD, USA
* co-channel 6115 BEI 500 kW / 322 deg to WEu French China Radio International.

Very good signal of WWCR-2 in English on 12160 kHz via Nashville, January 12
from 2000 on 12160 WCR 100 kW / 085 deg to CAf English via SDR Frostburg MD, USA.
(DX MIX)

VANUATU - 7260 kHz Dec 8 at 0737 UT, R.Vanuatu is still on here with some JBA talk, not just carrier, and nothing on 7890, 11835 since no longer switching to fundamental 3945 kHz at 0659 UT; Ron Howard agrees and hears it much better - 7260 kHz, Dec 10 at 0714 UT, S5/S8 of JBA talk from R. Vanuatu rather than the 3945 kHz harmonix.

Gary Pence agrees at exactly same time. Ron Howard sends a recording of their ID at 0801 UT Dec 8 claiming to be on 3945 kHz, MW 1125 and FM 100 - 7260 kHz, Dec 11 at 0739 UT, R. Vanuatu is JBA still here rather than harmonicizing on 7890, 11835 kHz.
(gh, via NASWA Electronic Flashsheet #1078 Dec 11)

7260 kHz R. Vanuatu - Emten Lagoon, 0945 UT heavily accented English with vigorous preaching. Many mentions of Vanuatu. 0956 UT Gospel rock song. Time check at 1000 UT as "9 o'clock", but actually one minute behind! News and weather in Bislama. 1010 UT Report on a climate change conference. Still going strong when tuned out at 1020 UT. Very good signal, Dec 11.
(Rob Wagner VK3BVW, Mount Evelyn-Vic-AUS; via NASWA Electronic Flashsheet #1078 Dec 11)

3945 (ex7260) kHz R. Vanuatu, after Glenn's notification to Adrian Sainsbury (thanks Glenn!), Radio Vanuatu moved here to get away from Mongolia (absent tonight); fundamental frequency (3945 kHz) being the only usable signal that I had; while // 7890 kHz, 2nd harmonic was unusable, as was the 3rd harmonic 11835 kHz. Reception the former 7260 kHz was infinitely better for me!
(Ron Howard-CA-USA, direct and WOR Jan 3)

VATICAN STATE - 15565 kHz Radio Vaticana in Swahili to East Africa from Santa Maria di Galeria relay site, Dec 17, at 1613-1622 UT. SIO 444. African MX with mixed chorus. Interval signal, then OM with talk, probably a homily. Minor QRN / QSB. Easy listening. Some minor flutter on the signal.
(Vince Henley-WA-USA, via NASWA Electronic Flashsheet #1079 Dec 18)

15640 kHz Radio Azadi (US AGM R Free Afghanistan) via Santa Maria di Galeria, Dec 15, big, excellent signal with light echo at 1418 UT, OM reading commentary in Dari in this daily service 1400-1430 UT. 1420 UT guitar riff and YL ID before more tlks by OM.
(Ralph Perry, Wheaton-IL-USA, NASWA Electronic Flashsheet #1079 Dec 18)

I also checked Vatican Radio's mass from St Peter's. Only 5920 kHz is very good with Chinese commentary, but, all that's there is classical music, so possibly a feed problem. I can also hear 9525 kHz with Arabic commentary. The French and English commentaries are frequencies too high to propagate.
(Walt Salmaniw-BC-CAN, WOR Dec 24)

This Thursday January 5th 2023, Pope Benedictus XVI's funerals were held in St Peter Square. Vatican News broadcast the mass on SW. From 0830 UT with comments in English 17525 kHz, French 15565 kHz, Portuguese 17510 kHz and Arabic 17790 kHz. (via Vatican Radio broadcast center Santa Maria di Galeria. wb)
(Christian Ghibaudo-F, BrDXC-UK iogroups Jan 2)

... no GERMAN noticed although his mother tongue was German ... (we)

VIETNAM - 12020 kHz Voice of Vietnam, Hanoi, Dec 13, good signal at 1316 UT with Indonesian service, YL reading items in II, some RTTY/ute QRM from lowside of fq. // 9840 kHz which was poorer signal.
(Ralph Perry, Wheaton-IL-USA, NASWA Electronic Flashsheet #1079 Dec 18)

Voice of Vietnam 5 External Service in English on 9840 kHz via Sontay, January 13:
1000-1028 on 9840 SON 100 kW / 177 deg to SEAs English. Good via SDR So Phisal in Thailand
1000-1028 on 12020 SON 100 kW / 177 deg to SEAs English, NOT ON AIR via So Phisal, Thailand
(DX MIX)

Editor's info desk was closed for this edition at 12:00 hours UTC on January 14th, 2023.

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

Sources & Contributors:

A-DX - e-mail exchange - Austria

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

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

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

Others as stated 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:

Al = Aligarh/India, ALB = Albania, Ban = Bangalore, Be = Beijing/China, Bib = Biblis/DL, BOT = Botswana, CHN = China, CLN-TRM = Sri Lanka Trincomalee, Du = Dushanbe/TJK, ERV (ARM) = Erivan/Armenia, F = Issoudun/France, Fl = Florida/USA, HAB = Habana/Cuba, Ho = Hohhot/CHN, HRI = WHRI Cypress Creek/USA, Jin = Jinhua, Kash = Kashgar/CHN, Ka = Kingsway (Delhi), Kh = Khampur (Delhi), Kll - Kall/DL, KOR = (South) Korea, Ku = Kununurra/Aus, Kun = Kunming/CHN, KWT = Kuwait, Lam = Lampertheim/DL, MDA = Moldavia, MDG = Madagascar, MNG = Mongolia, MRA = Northern Marianas, N = Nauen/DL, Nn = Nanning/CHN, OM = Oman, Pan = Panaji/India, Row = Rohrbach Waal/DL, RUS = Russia incl. Sibiria, SAI = Saipan (MRA), SNG = Singapur, STP = Sao Tomé, SWZ = Swaziland (ESWATINI), SZG = Shijazhuang/CHN, TH = (NAK) Nakhon Sawan/Thailand, TIN = Tinian (MRA), TJK = Tajikistan, TWN = Taiwan, UAE = Al Dubbaya/ United Arab Emirates, Ur = Urumchi/CHN, Wil = Winsen/Luhe/DL, Wof = Woofferton/GB, Xi = Xian/CHN, Ya = Yamata/Japan.

Mostly within round brackets target areas as known:

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

Languages:

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

Technical hint with frequency (QRG):

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

Editor:

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Used equipment:

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

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

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

mostly monitoring via WORLD WIDE WEB.

LUXEMBOURG: Final RTL Longwave Transmission

Another era is coming to an end: After the shutdown of the Marnach medium wave at the beginning of 2016, the plug will now also be pulled the long-wave transmitter in Beidweiler 1 January 2023. From then on, there will be no more amplitude-modulated radio (AM) from Luxembourg.

Junglinster - the name of the village halfway to Echternach is still synonymous with radio for many Luxembourgers. AS early as 1932, the first long-wave radio transmitter with 150 kilowatts (kW) of power was built here. From the 1950s onwards, the appearance of the municipality is characterised by two, and later three, red-and-white striped, 250-metre-high steel pylons, which RTL uses as transmitting antennas for its French radio programme. The power is increased step by step, and from 1968 onwards the transmitter transmits at over 1,000 kW.

What many people don't know today is that since the early seventies the elegant masts, which tower over Junglinster like a landmark, have only been reserve antennas, a huge technical open-air museum, so to speak. Since 1972, the

long wave 234 kHz (1,281 m) has been transmitted from three new, 290-metre-high steel lattice masts in neighbouring Beidweiler.

This is a real giant with a transmitting power of up to 2,000 kW. What Beidweiler and Junglinster have in common is the arrangement, ergo the direction of radiation: the maximum power is "aimed" to the south-west, towards France. Currently, this is "only" 750 kW, but even that is easily enough to cover large parts of Western Europe.

The golden era of peripheral transmitters.

Long wave, located low frequencies from 153 to 279 kHz, was an important tool of so-called peripheral broadcasting for many decades of the 20th century. Early on, there was an interest in reaching the French audience with private radios and tapping into the (advertising) market there. Since for a long time (until 1981) only state broadcasting was allowed in France and Radio France had the monopoly, several powerful peripheral stations were established in the immediate vicinity of France's external borders, which gradually began to supply the Hexagon with commercial "radios generalistes".

Apart from RTL's French programme, the best-known stations of this type were Radio Monte Carlo, Sud Radio and Europe 1 (from neighbouring Saarland), which became a major competitor of RTL the private French radio market from 1955. Both still operate their studios in Paris today. The facade of the historic RTL radio building in Paris' rue Bayard, designed by Victor Vasarely, was legendary; today the programmes come from new studios in Neuilly.

The European long-wave band, which, in contrast to medium wave, there is only little "space" (15 channels in a 9 kHz grid) was thus firmly in French or Francophone hands for many decades; of course, in addition to the private radio stations mentioned, the state broadcaster France Inter also had a strong frequency here, 162 kHz, located in Allouis in the centre of France.

The sense for the benefits of old technology is lost.

The older generations, who were still familiar with all the varieties of analogue radio, know what "boom" long-wave transmitters develop in even the smallest transistor radio - without a telescopic antenna. And even if this type of reception no longer meets today's sound requirements: It reliably served as a carrier of news, sports and entertainment broadcasts over huge continental areas. This is also the reason why not only construction Workers but also truckers, the "routiers", everywhere Europe's roads enjoyed listening to broadcasts via long wave until the end

Provided they still had the appropriate receivers board - because in today's vehicles with their integrated multimedia systems, long or medium wave is hardly ever installed. This is one of the reasons given by RTL France for the switch-off:

"RTL etait la derniere radio de France a continuer a emettre en grandes ondes alors que ce mode d'ecoute est devenu marginal. Ce procede mis au point au debut du 20e siecle devient aujourd'hui obsolete car il est de moins en moins integre dans les recepteurs."

Furthermore, the current energy crisis is cited, which, literally, makes "des actions de sobriete energetique" necessary. In fact, such large transmitters are real "power guzzlers" and expensive to maintain. Thanks to their enormous range and technically simple usability, they have nevertheless been profitable for the operators for many decades.

Reference is now being made to other, more modern ways of reception that can deliver better sound quality - if they Work! This is because FM coverage with RTL is mostly limited to the agglomerations in the territorial state of France and the expansion of the new terrestrial digital standard DAB+ is behind schedule in many regions, including Lorraine (incidentally also in Luxembourg).

The main disadvantaged are radio listeners in sparsely populated rural areas with difficult reception topography or those who travel to more distant foreign countries. There, the local programmes are almost only available via webstream, which makes mobile radio listening more complicated.

What remains of it all.

Longwave continues to die its slow death. What remains to be heard are Romania's folk radio Antena Satelor (153 kHz), France's empty carrier from Allouis (162 kHz), Morocco's Medi 1 (171 kHz), Great Britain's BBC 4 (198 kHz), Poland's Radio Jedynka (225 kHz) as well as Algeria's Chaine 3 and RTE 1 from Ireland (both 252 kHz).

The best reception is provided by the BBC and Algeria (especially at night). For some of these stations, too, the clock ticks relentlessly - the British longwave, for example, is said to run only as long as the equipment will do its job without spare parts.

When asked by the Tageblatt what should happen to the antennas of the RTL long-wave transmitter after it is shut down,

the operator BCE replies: "Il n'est pour l'instant pas question de déconstruire ou abattre les pylones, cela dépend vraiment des activités des sites." And the municipality of Junglinster has not yet received any application for the possible demolition of the Beidweiler antennas either, they told us.

That things can sometimes move quickly is shown by the example of the Marnach medium wave at the beginning of 2016, when the masts were "felled" after only a few weeks. Fortunately, the historic broadcasting centre in Junglinster will be preserved - after all, the facility has been the INPA list of Luxembourg's architectural heritage worthy of protection since this year.

(automatically translated)

<<https://www.tageblatt.lu/wp-content/uploads/2022/12/662378-740x688.jpeg>>

<https://www.tageblatt.lu/headlines/luxemburgs-franzoesischsprachige-langwelle-234-khz-verabschiedet-sich-zum-jahreswechsel/?utm_campaign=toplist&utm_source=most_read>

The Luxembourg effect.

A special phenomenon once got its name from the Luxembourg long-wave station: the Luxembourg effect. If you want to experience it for yourself, you should do so now, in the last days of RTL long wave. You need a device that still has the long-wave band (LW/GO), e.g. a somewhat older transistor or car radio. First select RTL France from Beidweiler (234 kHz, by far the strongest station the scale).

Now the afore mentioned French long wave from Allouis comes into play. It is still active, but no longer transmits a programme, but only atomic clock-controlled time signals that are inaudible to us. If you switch your radio to this apparently empty wave 162 kHz, you can hear RTL's programme quietly but clearly. This Works best in the dark, because then the space wave is involved. In physics, this phenomenon is called ionospheric crossmodulation. According to this, a strong long-wave transmitter A can modulate its programme onto other stations whose transmission areas overlap with A. The effect was first discovered in the dark.

The effect was first discovered in the 1930s when the programme of the then new Luxembourg long wave could be heard in the background of the Swiss medium wave Beromuenster.

(Guido Romaschewsky, LUX, via <<http://www.tageblatt.lu>> Dec 27)

Prominent Cuban journalist and professor Arnaldo Coro Antich passes away

Havana, January 8 (RHC)-- In the early hours of this Sunday morning, the outstanding journalist and university professor Arnaldo (Arnie) Coro Antich, with a long working career in Cuban radio, passed away in Havana.

Winner of the National Radio Award 2017, Coro was born on July 2, 1942. From a very young age, he was linked to radio broadcasting. He was an expert radio amateur (his call sign: CO2KK) and a specialist in Mass Media and New Information and Communications Technologies.

He taught as Assistant Professor at the Higher Institute of International Relations of MINREX and served as Vice President of the Cuban Commission for the Preservation of Audiovisual Heritage, created by UNESCO.

Arnie Coro was the author of numerous scientific and technical publications, including the book "La Guerra Radial de Los Estados Unidos de América Contra Cuba," published in 1984.

He was the host of the internationally-renowned radio program "Dxers Unlimited," which he kept on-the-air for many years on the English-language broadcasts of Radio Havana Cuba. "Dxers Unlimited" was one of the most popular radio programs in English and was considered a professional guide to shortwave listening around the world.

Arnie's last working years were spent in Radio Habana Cuba's English language service, a group that regrets his death and sends its condolences to his family and friends.

<<https://www.radiohc.cu/en/noticias/nacionales/309905-prominent-cuban-journalist-and-professor-arnaldo-coro-antich-passes-away>>



DX LOGBOOK

Logs around the clock

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SHORTWAVE BANDS

Frequency	UTC	SIO	ITU	Radio Station	Language	Programme Details	Date	Rep.
3955.0	0257	454	D	Channel 292	English	E, Rock, ID, adv, HP	2112	SG
3955.0	1900	454	D	Radio DARC via Ch292	German	ID, Afu; Technik; Pop	1112	SG
3955.0	2000	454	G	KBS-WR via Woofferton	German	ID, Musikalische Reise	1112	SG
3955.0	2100	454	G	KBS-WR via Woofferton	French	F, ID, NX, rpts, MX	2412	SG
5830.0	0200	453	UZB	Iran International TV	Persian	ID, NX, MX, rpt	0712	SG
5870.0	1355	444	HOL	Mike Radio	Dutch	E-Hol, ID, Rockpop	1112	SG
5870.0	1515	343	HOL	FRSH	English	E, Pop, ID, qsl-adr	2512	SG
5875.0	1600	454	BUL	BBC-WS-Relay	Persian	Persian, ID, rpt Iran	0912	SG
5895.0	1620	352	NOR	Radio Northern Star	English	Rockpop, ID, ann, Pop	0912	SG
5900.0	0300	454	BUL	TOM via Kostinbrod	English	E, ID, prayer bc	2112	SG
5900.0	1900	454	BUL	RTI via Kostinbrod	German	D, ID, NX, B, WX, HBF	2312	SG
5905.0	1200	454	D	DWD-Pinneberg	German	D, ID, Seewetter Info	1012	SG
5920.0	1030	353	D	HCJB-Weenermoor	German	D, ID; Medienmagazin	1812	SG
5925.0	0600	444	F	RFI	French	F, ID, NX, rpt, MX	2312	SG
5930.0	0130	454	CVA	BBC-WS-Relay	Dari	Dari, ID, NX, MX, rpts	1012	SG
5930.0	1100	353	DNK	WMR Bramming	English	ID, Pop, LA-Musik, ID	1012	SG
5945.0	1830	443	TUR	TRT	German	D, IS, ID, NX, Presse	2112	SG
5960.0	0021	444	D	Mighty KBC Radio	English	KBC Imports, SW Radio	1812	RL
5960.0	1300	454	AUT	Welle 370 via ORS	German	IS, ID, WeihnKonzert	2212	SG
5970.0	1636	353	DNK	Radio 208	English	E, Rockpop, Jingle-ID	0912	SG
5980.0	2100	454	TUR	TRT	Turkish	MX, ID, MX, cd	2412	SG
5990.0	0100	554	ROU	RRI	English	E, IS, ID, NX, rpt, MX	1012	SG
5990.0	0200	554	ROU	RRI	French	F, ID, NX, rpt, MX	0712	SG
6000.0	0245	444	TUR	TRT	Turkish	MX, ID, MX, cd	1812	SG
6000.0	0256	443	CUB	RHC	English	E, rpt, MX, ID, NX	1812	SG
6000.0	1700	554	F	RJ-NHK	Japanese	J, ID, ann, NX, MX, rpts	1912	SG
6005.0	0500	454	CVA	BBC-WS-Relay	English	E, ID, NX, rpt pipeline	2412	SG
6005.0	1430	444	D	RSI via Kall	German	ID, NX, rpt Parlament	1612	SG
6005.0	1900	444	BUL	RTI via Kostinbrod	French	F, ID, NX, rpt, MX	2012	SG
6020.0	0740	454	HOL	Radio Delta	English	ID, Xmas rock, qsl-adr	2512	SG
6030.0	1800	242	F	NDR-GaB via Issoudoun	German	D, Gruss an Bord	2412	SG
6055.0	1130	554	D	Ev. Missionsgemeinden	German	D, IS, ID, Lied, Predigt	2512	SG
6070.0	0700	454	D	RWI via Ch292	English	E, ID, Rockpop, adr	1112	SG
6070.0	0700	454	D	RNI via Ch292	German	D, ID, Goldrausch	2412	SG
6070.0	0800	454	D	SuperClan Radio	English	E, ID, Rockpop, qsl-adr	2612	SG
6070.0	0800	454	D	RWI via Ch292	English	E, ID, Rockpop, qsl-adr	1712	SG
6070.0	0900	454	D	RNI via Ch292	German	D, ID, Goldrausch	1112	SG
6070.0	0900	454	D	Texas Radio Shortwave	English	E-S, ID, Mex-Am-Pop	1712	SG
6070.0	0900	454	D	RNI via Ch292	German	D, ID, Goldrausch	1812	SG
6070.0	0900	454	D	Atlantic 2000 Intl	Multi	E-F, ID, Rockpop, adr	1012	SG

6070.0	0900	454	D	Radio City	English	E, ID, XMas, qsl-adr	2412	SG
6070.0	0900	454	AUT	SMRD via ORS	German	ID, 100 kW Marathon	2612	SG
6070.0	1000	454	AUT	Radio DARC via ORS	German	ID, Afu; Technik; Pop	1112	SG
6070.0	1000	454	D	RNI via Ch292	German	ID, Diamonds	1712	SG
6070.0	1000	554	AUT	Radio DARC via ORS	German	ID, Afu; Technik; Pop	1812	SG
6070.0	1000	454	D	RWI via Ch292	English	E-F, ID, adr, Rockpop	2412	SG
6070.0	1000	454	AUT	Radio DARC via ORS	German	ID, 100 kW Marathon	2612	SG
6070.0	1100	454	D	Musikaltee via Ch292	German	D, ID, Weihnachts-Sd	1812	SG
6070.0	1100	454	D	R PowerRumpel v Ch292	German	ID, Soundtrack, ID, adr	1112	SG
6070.0	1100	454	D	RNI via Ch292	German	D, ID, Goldrausch	2512	SG
6070.0	1100	454	AUT	SatZentrale via Moosbrunn	German	ID, 100 kW Marathon	2612	SG
6070.0	1200	554	AUT	SMRD via ORS	German	D, ID, VEB ZAB	1112	SG
6070.0	1200	454	D	Steelguitar via Ch292	German	D, ID, Weihnachts-Sd	1812	SG
6070.0	1200	454	D	Universal Top 40	English	E, ID, XMas, qsl-adr	2412	SG
6070.0	1200	353	D	Welle 370 via Ch292	German	D, IS, ID, rpt, NX, HE	2512	SG
6070.0	1200	454	AUT	Jake FM via Moosbrunn	German	ID, 100 kW Marathon	2612	SG
6070.0	1300	454	D	ABC Germany	English	E, ID, Rock-Xmas	2412	SG
6070.0	1300	454	D	Korches Radio via Ch292	German	D, ID, Sd. Berg ruft	1112	SG
6070.0	1300	443	D	R PowerRumpel v Ch292	German	D, ID, Bibi und Tina	1612	SG
6070.0	1300	453	D	Korches Radio via Ch292	German	D, ID, Weihnachts-Sd	1812	SG
6070.0	1300	454	D	Jake FM via Ch292	German	Jingle, ID, Rock-Xmas	2512	SG
6070.0	1300	454	D	RDXF via Moosbrunn	German	ID, 100 kW Marathon	2612	SG
6070.0	1400	454	D	RON-Radio Ohne Namen	German	D, ID, QSL adr, Xmas	2412	SG
6070.0	1400	454	D	Jake FM via Ch292	German	D, ID, Musikwünsche	2512	SG
6070.0	1400	454	AUT	R. Klein Paris via ORS	German	ID, 100 kW Marathon	2612	SG
6070.0	1453	454	D	Korches Radio via Ch292	German	D, ID, JRB RTI-HK	1812	SG
6070.0	1500	454	D	RON-Radio Ohne Namen	German	D, ID, eqsl-adr, WNJGr	2512	SG
6075.0	0810	554	ALS	KNLS Alaska	English	Bible Stories	2612	RL
6080.0	0530	454	STP	VOA-Relay	English	E, ID, NX, ID, rpts	2412	SG
6080.0	1800	454	UZB	NDR-GaB via Tashkent	German	D, Gruss an Bord	2412	SG
6085.0	1115	454	D	Radio Mi Amigo Int	English	E, ID, Rockpop, Jingle	2312	SG
6095.0	0900	554	D	SE-TA2 via Nauen	German	IS, ID, musik-Frühsch.	2512	SG
6095.0	1000	554	D	SE-TA2 via Nauen	German	IS, ID, musik-Frühsch.	2512	SG
6105.0	0215	454	F	NHK-RJ	Japanese	J, ID, ann, NX, MX, rpts	0712	SG
6145.0	0458	554	ROU	R. Romania Actualidad	Romanian	MX, ID, NX, rpt	1812	SG
6150.0	0800	454	D	Europa 24	German	D, ID, NX, WX, ID, Pop	2312	SG
6155.0	0600	554	AUT	OE1 via ORS-Moosbrunn	German	D, IS, ID, NX, WX, rpt	2212	SG
6180.0	1200	454	D	DWD-Pinneberg	German	ID, Seewetter Info, ID	1012	SG
6180.0	1900	554	ROU	RRI	German	IS, ID, NX, MX, FBK	1112	SG
6185.0	0400	454	AUT	AWR-Relay	Turkish	Turkish, IS, ID, rel bc	1312	SG
6195.0	1730	454	OMA	BBC-WS-Relay	English	E, ID, rpt history	2412	SG
7285.0	0600	443	STP	BBC-WS-Relay	English	E, TS, TA, ID, NX, rpts	2412	SG
7295.0	1800	454	ROU	IRRS	English	E, ann, rel bc	2112	SG
7315.0	0415	454	F	Radio Tamazuj via Iss.	Arabic	A, VMX, rpt, ID	1812	SG
7315.0	0429	454	CVA	Radio Dabanga	Arabic	A, ID, NX, ID, rpt	1812	SG
7325.0	1700	444	ROU	RRI	French	F, IS, ID, NX, MX, noel	2412	SG
7330.0	1500	554	ROU	RRI	German	D, IS, ID, NX, Folklore	2412	SG
7345.0	0630	554	ROU	RRI	English	E, IS, ID, NX, rpts	2412	SG
7360.0	0600	454	ROU	RRI	French	F, IS, ID, NX, MX, rpts	2412	SG
7380.0	1740	444	CHN	CRI	German	D, IS, ID, trad MX only	1712	SG
7390.0	1415	433	NZL	Radio New Zealand Intl.,	English	Trust dogs for people	1112	RL
7395.0	1800	554	CHN	CRI	German	D, IS, ID, trad MX only	1712	SG
7410.0	0443	553	ROU	radio Romania Intl.,	English	Listeners Letterbox	2012	RL
7415.0	2100	554	CHN	CRI	English	E, ID, NX, teacher rpt	1312	SG
7420.0	0100	454	ROU	RRI	English	E, IS, ID, NX, rpt, MX	1012	SG
7445.0	1700	454	MDG	BBC-WS-Relay	English	E, ID, FIFA-WM live	0912	SG
7475.0	1800	554	THA	RTWS	Thai	Thai, IS, ID, NX, rpt	2112	SG

7475.0	1830	554	THA	RTWS	English	E, IS, ID, NX, tourism	2112	SG
7570.0	2300	453	USA	AWR Wavescan	English	#721, CIDX 60 years	1812	RL
7590.0	0400	444	KWT	Radio Farda	Persian	NX, Pop, ID, rpt	1812	SG
7600.0	0310	454	UZB	Afgh. International TV	Pashto	MX, rpt, ID, MX	1812	SG
9400.0	1810	454	BUL	TOM via Kostinbrod	English	E, rel prayer bc, ID	1712	SG
9440.0	0658	454	ROU	RRI	German	D, IS, ID, NX, rpt	2312	SG
9440.0	0658	454	ROU	RRI	German	D, IS, ID, NX, rpt	2413	SG
9600.0	2100	554	CHN	CRI	English	E, ID, NX, top story	1312	SG
9615.0	1800	454	CHN	CRI	German	D, IS, ID, trad MX only	1712	SG
9670.0	1000	454	D	Radio City	English	E, ID, XMas, qsl-adr	2412	SG
9700.0	0550	554	TUR	TRT	Turkish	Turkish, ID, rpt, MX	2412	SG
9700.0	1652	454	NZL	RNZ	English	E, Pop, TS, ID, NX	0912	SG
9730.0	1800	454	VTN	Voice of Vietnam	Spanish	S, ID, NX, rpt historico	1612	SG
9730.0	1830	443	VTN	Voice of Vietnam	German	D, ID, NX, rpt Kultur	1712	SG
9740.0	1845	252	D	NDR-GaB via Nauen	German	D, Gruss an Bord	2412	SG
9830.0	1900	452	EGY	Radio Cairo	German	D, ID, MX, ID, rpt	1112	SG
9865.0	0430	252	F	NHK-RJ	English	E, ID, NX, MX, rpts	0712	SG
9885.0	1800	454	MDG	WCB-KNLS	Russian	R, IS, ID, rel bc	0412	SG
9900.0	2030	453	EGY	Radio Cairo	French	F, ID, ann, NX, MX, rpt	1312	SG
9950.0	1430	454	IND	AIR	Dari	Dari, ID, NX, ann, MX	2412	SG
11815.0	1400	554	TUR	TRT	Turkish	NX, MX, ID, rpt	1612	SG
11870.0	0310	454	ARM	BBC-WS-Relay	Pashto	Pashto, ID, rpt Taliban	2112	SG
11885.0	1830	444	VTN	Voice of Vietnam	German	D, ID, NX, rpt Kultur	1712	SG
11885.0	1908	433	VTN	Voice of Vietnam	English	Sunday Show	1812	RL
11885.0	1930	454	VTN	Voice of Vietnam	French	F, ID, NX, rpts	1512	SG
11905.0	1100	232	AUS	JSWC70 via Reach Bey	Japanese	J, ID, ann, JSWC70 bc	1712	SG
12120.0	1100	454	GUM	KTWR	Mongolian	Mongolian, ID, rel bc	2112	SG
13670.0	1810	454	MDG	Madagascar World Voice	English	E, ann, rel bc	2112	SG
13725.0	1845	353	D	NDR-GaB via Nauen	German	D, Gruss an Bord	2412	SG
15125.0	1600	454	MLI	CRI	Arabic	A, ID, rpts, MX, rpts	2112	SG
15220.0	0730	554	CHN	CRI	French	F, MX, ID, rpts	2312	SG
15420.0	1630	454	MDG	BBC-WS-Relay	Vernicular	Vernicular, ID, rpts	2012	SG
15515.0	1430	443	TJK	AWR-Relay	English	E, ID, ann, rel bc	1612	SG
15530.0	0720	454	KWT	Radio Kuwait	English	E, Pop, ID, rpt	2312	SG
15580.0	1830	454	BOT	VOA-Relay	English	E, ID, rpt South Africa	2212	SG
15770.0	1600	342	USA	RAE via WRMI	German	D, ID, NX, Rayen rpt	2012	SG
17490.0	1130	554	CHN	CRI	English	E, ID, rpt economy	2312	SG
17615.0	0710	454	CHN	CRI	German	D, trad MX only	2312	SG
17720.0	0710	454	CHN	CRI	German	D, trad MX only	2312	SG

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

- 4980.0 USA KSKO via WRMI, Miami, FL, 2243-0059* Dec 23, Paul Winter with special Christmas program taking his live Christmas special feed and relaying it on shortwave with KSKO station IDs mentions of relays by Bulgaria and WRMI. Jeff White closed session with WRMI station ID. Fair to good signal.
- 5900.0 BULGARIA KSKO via Spaceline, Sofia, 2243-0059* Dec 23, Paul Winter with special Christmas program taking his live Christmas special feed and relaying it on shortwave with KSKO station IDs with mentions of relays by Bulgaria and WRMI. Fair to good signal.
- 5930.0 VATICAN BBC – Santa Maria di Galeria, 0146-0159* Dec 31, Two OM's talking in Dari followed by a woman announcer. Closed with announcements and station ID before carrier was terminated. Poor.
- 6155.0 AUSTRIA Oesterreich Rundfunk – Moosbrunn, 0608-0623 Dec 16, the usual team of a man and a woman announcers with the news in the German language. Fair to good signal.
- 7255.9 NIGERIA Voice of Nigeria - Abuja Lugbe , 0634-0652 Dec 31, noted briefly in Hausa with talk segments but reception was very poor.

- 7305.0 USA Vatican Radio – Greenville, 0112-0135 Dec 31, OM with talk in Portuguese followed by female group vocals and OM with station ID and closing announcements, IS for several minutes before an OM opened the Spanish program with a woman announcer giving the news. Poor to fair.
- 11815.0 BRAZIL Radio Brasil Central – Goiânia, 0041-0143 Jan 7, noted with Portuguese talk segments by a man and woman with short instrumental music between segments. Nice station ID at 0104 some announcements followed by program of vocals including some English language tunes. Very Poor.
- 11830.0 ASCENSION ISLANDS BBC – English Bay, 0601-0618 Jan 2, man announcer with news in the English language. Station IDs and other news related features heard. Poor.
- 13750.0 THAILAND Voice of Thailand – Ban Dung, Udon Thani Prov, *0000-0022 Jan 1, English language news program hosted by a man and woman announcing team with frequent station IDs, promotional announcements and the usual array of news features. Poor.
- 15190.0 BRAZIL Radio Inconfidencia - Belo Horizonte MG, 2217-2252 Dec 16, man and woman announcers with Portuguese talk with very brief instrumental music segments between items of discussion. Poor overall with very deep fades.
- 15720.0 NEW ZEALAND Radio New Zealand International – Rangitaiki, 0551-0558* Dec 20, two men in English discussion until a female vocalist accompanied by guitar at 0555. OM gave station ID and mentioned changing frequencies followed by bird chirping before carrier was terminated. Fair signal.
- 15770.0 USA Gruss an Bord via WRMI, Miami, FL, 2017-2059* Dec 24, annual German language Christmas special but only WRMI frequency heard this year with short talks, a few vocals and applause from a live studio audience. Closed with Jeff White providing a WRMI station ID. Very good signal.
- 17790.0 USA Radio Africa Network via WRMI, Okeechobee, 1750-1821 Dec 15, English language religious programs beamed to the African continent with nice station IDs every half hour between various programs. Fair to good signal with moderate fading.

Thanks a lot to our club members for their contributions:

- RAD : Richard D'Angelo, Wyomissing, PA, USA. Ten-Tec RX-340, Drake R-8B, Eton E1, Eton E5, Alpha Delta DX Sloper, RF Systems Mini-Windom, Datong FL3, JPS ANC-4
- RL : Richard Lemke, St. Albert, Alberta, Canada. JRC NRD-535 HF with random long wires in trees.
- 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 first edition of Logbook for 2023.

Thanks to our regular members for their contributions,

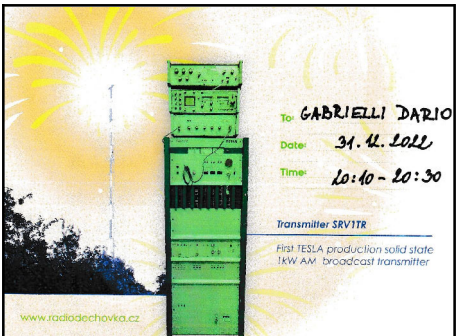
Ashok Kumar Bose

	<p>QSL CORNER Editor: Dario Gabrielli, Viale della Resistenza 33b, 30031 Dolo (Ve), ITALY eMail: <qsl@wwdxc.de></p>	
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AUSTRIA: Christmas Marathon of 6 German hobby programmes via ORS 6070 kHz (Moosbrunn). Radio Klein Paris. Thank you e-mail and detailed colour e-QSL received on the next day for e-mail report to the organiser <maxberger@smradio-dessau.de> (see page 2 in DXM 11/2022) (HB)

CZECH REPUBLIC: Radio Dechovka 1233 kHz. QSL with sticker received in 5 days for report sent to <studio@radiodechovka.cz> (DG)

GERMANY: ADXB- oe via HCJB 5920 KHz. eQSL received in the same day for report sent to <adxbsuess@aon.at> (PG)



Channel 292 6070 kHz. Special eQSL Christmas Marathon received in 1 day for report sent to: <info@channel292.de> (BS)

GERMANY/UK: Jazz AM/gbradio via Channel 292 6070 kHz (Rohrbach). Music programme with jazz from the 50s and 60s. Thank you e-mail received on the next day for report to: <admin@gbradio.uk> (HB)



NETHERLANDS: FRS-Holland 3940 kHz. eQSL received in 61 days for report to: <frs@frsholland.nl> (HB)

Radio Delta 6020 kHz (Elburg). English music service. Full data colour eQSL, received on the same day for e-mail report to <info@radiodelta.am> (HB)

NEW ZEALAND: RNZ Pacific via Rangitaiki 13725 kHz. Detailed online-QSL received in 10 days from Adrian Sainsbury (Frequency Manager) for report via website at <https://www.rnz.co.nz/international/qsll/new> (HB)

ROMANIA: Radio Romania International 5900 kHz. QSL received in 49 days for report to: <eng@rri.ro> (GK)

TURKEY: TRT/Voice of Türkiye 5945 kHz via Emirler (Turkey). German service. Full data colour QSL card December 2022 "Ishak Pasha Palace". Received in 27 days (7 days for mail delivery) for e-mail report to head of German service <ufuk.gecim@trt.net.tr>. Postal address: Türkiye'nin sesi radiosou, P. K. 33 (not 333 as it used to be), 06443 Yenisehir, Ankara, Türkiye. (HB)

The reporters of this edition of QSL CORNER have been:

- BS = Bernd Seiser, Ottenau, Germany
- DG = Dario Gabrielli, Dolo, Italy
- GK = Gerard Koopal, Almere, The Netherlands
- HB = Hansjoerg Biener, Nuremberg, Germany
- PG = Paul Gager, Vienna, Austria

Fortunately, another year full of difficulties has passed. It is with great pleasure that we can publish several contributions in this edition, and we look forward to more in the future. We thank you if you can send us a jpg of the QSL so that we can display it. With the wish for a better New Year, I would like to remind you that in order to actively collaborate on this page for the next edition, which will be published in mid-February, you must send in your material by 11 February 2023. I wish you all good health and good listening.

My best 73,

Dario



RNZ Pacific
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 The Voice of New Zealand, Broadcasting to the Pacific
 Te Reo Iriirangi O Aotearoa, O Te Moana-Nui-A-Kiwa

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

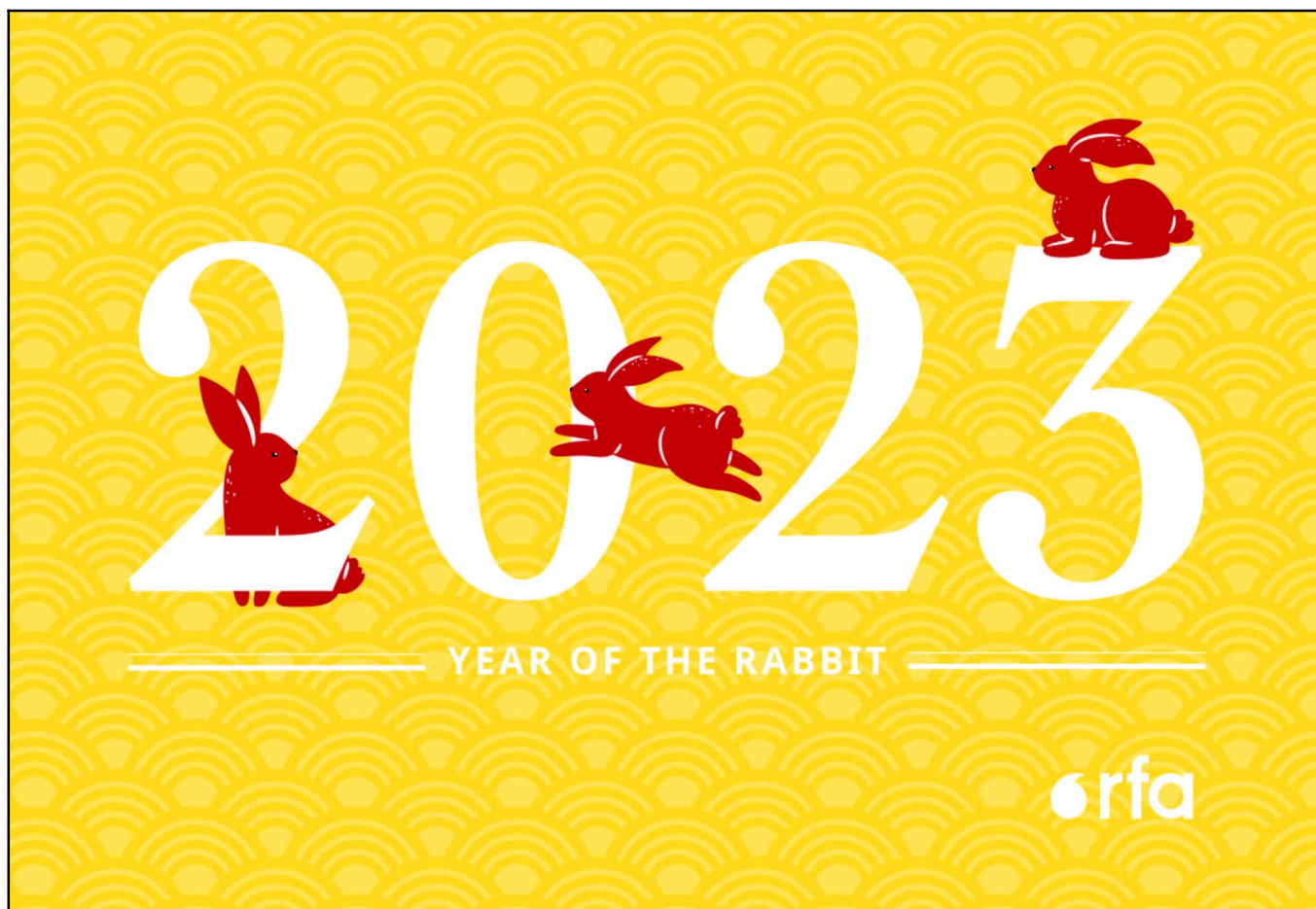


Date: 2022-12-31
Time: 09:30 UTC
Frequency: 13755 kHz

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

RADIO FREE ASIA announces 2023 Year of the Rabbit QSL

To welcome the Year of the Rabbit, Radio Free Asia (RFA) announces its latest QSL card. In most of the Asian countries the year of the rabbit will begin at January 22, 2023. RFA is closing out an historic year of impactful reporting and exciting growth, during RFA have begun broadening its programming and storytelling capacity, as well as updating the technological infrastructure. RFA continue its expansion, looking forward in serving audiences in 2023. This is RFA QSL design no. 81 and will be used to **confirm all valid RFA reception reports from January to April 2023.**



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

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



RFA
via
Siegbert Gerhard,
Frankfurt am Main

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go2MONITOR

Channels

Stream go2DECODE/DANA [1 of] FDM Decoding -135 dB Off [Q] [0]

Proctec TCP stream IP: 127.0.0.1 Port: 44001

Downlink GndId: 10 AirId: 255 FlightId: ANA870

Content

Decoded text

12:31:56 - 12:32:00 [4.5s], 20221002.123155.0972_10002_12.dec

All[Out1]

Ground Station ID : 10 (MUAN - SOUTH KOREA - LAT 35 1 56 N LON 126 14 19 E)
Number aircraft addresses : 1
AirID: 89 DDR: 300 NLP: 1
[Unnumbered Data] - LPDU
LPDU-Len : 144
CRC LPDU : ok
[[ACARS Data Block]]
Raw Data:
2.B-309A RAN HELLO CAPT, WE NOTICE THAT MU2284 IS OFFSET THE PLANED ROUTE OVER 100KM .PLZ CONFIRM THE REASON.THX FM:010-81679811/2.

HACARS mode: 2 Aircraft reg: ..B-LXM
Message label: C1 Block id: V [Uplink]
Message content:-
.HKGASCX 302032
AGM
AN B-LXM/FI CX0845/GL H16/MA 787I
- CX845/01-OCT-2022

FLIGHT INFO
BAY S49 BAGGAGE CAROUSEL 9
NEXT SERVICE CX271 ETD 16:15U

FANS-1/A CPDLC Message:
CPDLC Uplink Message:
Header:
Msg ID: 3
Timestamp: 10:49:54
Message data:
[freetext]
I CAN HEAR A TRANSMISSION FROM YOU
BUT CANNOT HEAR YOUR VOICE
[freetext]
CAN YOU TRY A DIFFERENT MICROPHONE

Parsed:
ACARS:
Reassembly: skipped
Reg: .B-1169

0.000 [MHz]
0.00 MHz

Decoding HFDL Downlink GndId: 10 AirId: 255 FlightId: CSC698 Modem frequency filter OFF PROCITEC®

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