

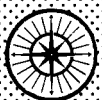
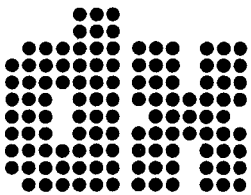
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WORLD WIDE DX CLUB



Staff of WORLDWIDE DX CLUB:

- PRESIDENT AND CHIEF EDITOR** . . . ✉ WWDXC Headquarters, Michael Bethge, Postfach 12 14, D-61282 Bad Homburg, Germany ● E-Mail: <mail@wwdxc.de>
☎ +49-6172-123118 ● ☎ +49-6172-123117 (09:00-21:00 hours CE[S]T)
- BROADCASTING NEWS EDITOR** . . . ✉ Walter Eibl, Germany
E-Mail: <news@wwdxc.de>
- LOGBOOK EDITOR** ✉ Ashok Kumar Bose, 106 Aspermont Crescent, Brampton, Ontario, L6P 3Z3, Canada ● E-Mail: <logbook@wwdxc.de>
- QSL CORNER EDITOR** ✉ Dario Gabrielli, Viale della Resistenza 33b, I-30031 Dolo (Ve), Italy
E-Mail: <qsl@wwdxc.de>
- TOP NEWS EDITOR (Internet)** ✉ Wolfgang Büschel, Hoffeld, Sprollstrasse 87, D-70597 Stuttgart, Germany ● E-Mail: <topnews@wwdxc.de>
- TREASURER & SECRETARY** ✉ Karin Bethge, Urseler Strasse 18, D-61348 Bad Homburg, Germany

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>>

4. 100 KW - MARATHON
26.12.2022// 6070 KHZ
WWW.SMRADIO-DESSAU.DE

09 UTC: SM Radio Dessau
10 UTC: Radio DARC
11 UTC: SATzentrale- Dein Technikradio
12 UTC: Jake FM
13 UTC: Radio DX Freunde
14 UTC: Radio Klein Paris

Foto: Max Berger - Fichtelbergbahn

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DX MAGAZINE No. 11



Vol. LVII



November 2022

Hello again,

Welcome to another issue of our DX MAGAZINE. I have no news to report from inside the club this month - therefore let's just start with our usual news from outside the club:

The **A.I.R. Contest 2023 "Attilio Leoni"**, the annual Italian DX contest by Associazione Italiana Radioascolto, will take place from January 2nd to 9th, 2023. Participation is open for all radio listeners, A.I.R. members and non members alike. For full information, please write to: Bruno Pecolatto, AIR Contest Manager, Fermo Posta, I-10080 Ronco Canavese (TO), Italy, E-mail: <bpecolatto@libero.it>.

Our member Terry Colgan, manager of **Texas Radio Shortwave**, has sent us TRSW's program schedules for November and December 2022, as well as January 2023. You can download them (as well as other information from TRSW) from our web page <<http://download.wwdxc.de>>.

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 - 11870 kHz 1637- UT, KNLS on Oct 18 Very strong in Mandarin, but still less compared to KNLS in Russian at same time on 9580 kHz (S=9+30dB to 40!). Clearly both transmitters are operational and seemingly at full. (Walt / Volodya Salmaniw, Masset-BC-CAN, hcdx Oct 31)

ALGERIA / FRANCE - 7200 kHz RTA Algerienne, Bechar, Oct 11. strong signal with modern Arabic vocal selections 0435 UT on Oct 10. OM in Ar 0439 UT and then into Koran recitation by muzzein at 0440 UT. News roundup in Ar by YL at 0500 UT over continuing 'urgent nxcast theme' mx. Off the air at 0510 UT recheck. (Ralph Perry, Wheaton-IL-USA, NASWA Electronic Flashsheet #1070 Oct 16)

7200 kHz Radio Algerienne, Chaine 1, Bechar, at 0449UT, Oct 14 in Arabic. Lively march with a group of men singing, then man announcer talking for several minutes before going into a distinctive hybrid Arabic / Western ballad with a man singer. Good to very good. (Mark Taylor, Madison-WI-USA, NASWA Electronic Flashsheet #1070 Oct 16)

15100 kHz Radio Algerienne, Ourgla heard at 2159 UT on Oct 13, time pips followed at 2200 UT by presumed news read in Arabic by a woman. Poor-fair. (Bob Brossell, Pewaukee-WI-USA, NASWA Electronic Flashsheet #1070 Oct 16)

RTA Algiers via TDF Issoudun ? I don't remember if this info has been posted here ... According to a contact at TDF, relays of Algerian radio via TDF Issoudun stopped at the end of September 2022. It's not planned to resume these transmissions. (Jean-Michel Aubier, France; WOR Oct 15)

ARMENIA - 7600 kHz exact even fq outlet of AFG International Radio via Yerevan Gavar bcast site, excellent audio out of Armenia these days, probably repaired and refurbished their TX equipment now. S=9+25dB backlobe in EUR at 01.21 UT. (wb df5sx, wwdxc BC-DX TopNews Oct 12)

13690 kHz TWR India via Yerevan Gavar relay site, Oct 20. Poor fluttery signal with OM in subcontinental lang at 1337 UT (listed as 'Ho' at this time on Sats UT). Last season TWR India bombed in on a number of their fqys our local mornings. Not so lucky so far, this year, but hopefully condx change. Nice Indian mx 1342 UT with YL singing accompanied by sitar, tabla and orch. 1344 UT pause, theme mx. 1345 UT TWR IS several times and then language change to listed Bengali. Into vocal mx selection and then OM with nx.
(Ralph Perry, Wheaton-IL-USA, NASWA Electronic Flashsheet #1071 Oct 23)

AUSTRALIA - 11945 kHz Reach Beyond Australia via Kununnurra, on Nov 2, daily Matu language 1200-1230 UT service "Hingna Awl" (means "the Living Word" in Matu) at 1215 UT check, clear signal with fair power, OM preaching in vernacular language for listeners in Chin State. Nice choral mx at 1220 UT. Ran to 1229 UT with s/off anmts and then RBA En quick ID and carrier cut -1229.30* UT.
(Ralph Perry, Wheaton-IL-USA, NASWA Electronic Flashsheet #1073 Nov 6)

ASCENSION ISLAND - 5960 kHz Radio Ndrason International (pres), 0504 UT, Oct 14 in Kanuri. Woman announcer, bumper (indigenous music), 2nd woman speaks for several minutes, then a man joins her alternating w/ fairly long sections each. Fair.
(Mark Taylor, Madison-WI-USA, NASWA Electronic Flashsheet #1070 Oct 16)

AUSTRIA - 6155 OE1 R. Austria Int. (Oesterreichischer Rundfunk), 0446-UT Oct 9, 300 kW non directional via ORS Moosbrunn, Austria to Europe in West Central Alaska. Real good strong, stable signal. Not the usual weak signal or real fluttery over the pole audio like usual.
(Paul Walker-McGrath-Als-USA, via NASWA Electronic Flashsheet #1069 Oct 9)

BRAZIL - Radio Saturno in Belo Horizonte, which I previously heard between Nov 2021 and January 2022 on the low side of 6150 kHz, has again reappeared - this time on 6150.2 kHz.

First noted on 13 October and regularly since, with poor, occasionally fair signals, though reception suffers from adjacent channel interference, particularly 6155 kHz ORF Vienna Austria / ORS Moosbrunn prior to 0700 UT, and also higher than normal atmospheric static levels. Monitored past 0900 UT here in New Zealand.
(Bryan Clark, Mangawhai-NZL, WOR Oct 30)

4885.027 kHz Radio Clube do Para, Belem, 0631-0702 UT, Nov 6, Brazilian songs, program "Clube da Madrugada". 25422.

4985 kHz Radio Brasil Central, Goiania, 0453-0521 UT on Nov 6, Brazilian songs, "Madrugada Musical". 15321. (yes, 11815 kHz missing for the last few days).

6180 Radio Nacional da Amazonia, Brasilia, 2030-2048, Nov 5, soccer, live matches. // 11780 kHz. 35433.

9550.1 kHz Radio Boa Vontade, Porto Alegre, 2044-2055 UT, Nov 5, religious songs and comments, Portuguese. 15321.

9818.9, Radio 9 de Julho, Sao Paulo, 2027-2050, 05-11, Portuguese, religious comments. 25432.

11780.010 Radio Nacional da Amazonia, Brasilia, 1938-2044, 05-11, soccer, liver matches. 35433.

11895.2, Radio Boa Vontade, Porto Alegre, 2100-2116, 05-11, religious songs and comments, Portuguese, "Rede Boa Vontade de Radio". // 9550,1. 24322.
(Nick Rank, Buxton-UK, hcdx WOR Nov 6)

... and 5938.351 kHz / 9664.679 kHz Voz Missionaria; 9818.858 kHz 9 de Julho program, and 15189.903 kHz Inconfidencia too, (wb)

ZYG851 Radio Cacique de Sorocaba, 2470 kHz reactivated Ola Glenn, buenos dias. Una informacion para Ud. Radio Cacique, Sorocaba SP (Brasil) con su transmisor de onda corta reactivado en la Frecuencia 2470 kHz, banda de 120 metros Escuchada de 0600 a 0704 UTC el 19 de octubre de 2022 con el programa "Madrugada Cacique" en Mairipora SP (Brasil). (Sergio Doria Partamian, Mairipora-SP-BRA, WOR Oct 19)

6010v kHz Radio Inconfidencia - Belo Horizonte, M.G. (pres), 1216 UT on Oct 12 in Portuguese. Woman announcer with a musical bridge into Brazilian music then the announcer for a few minutes and into a second woman and bass voiced man in DJ style discussion. Poor.
(Mark Taylor, Madison-WI-USA, NASWA Electronic Flashsheet #1070 Oct 16)

15189.9 kHz, on Oct 12 at 1933 UT. Radio Inconfidencia, Belo Horizonte, Brazilian songs, comments, program "Delirio e Companhia", at 1956 UT "A Inconfidencia apresentou Delirio e Companhia", at 2001 UT "Agora pela Inconfidencia A Hora do Fazendeiro o programa mais antigo do radio brasileiro".
(Manuel Mendez-ESP; via SW Bulletin #2013 on Oct 16)

Despite of strong nearby OTHR Russian War Radar signal around 15192 kHz channel, noted Radio Inconfidencia, Belo Horizonte signal string on 15189.917 kHz at 13.30 UT on Oct 21. wb.

CANADA - 6030 kHz 0544- UT, CFVP on Oct 19 Good + reception with Cuban jamming in the background, but otherwise a solid S7 to S8 signal. Calgary's Funny 1060 AM. 1060 kHz is audible, but poor with co_channel. Puts out a great signal for 100 watts ! (Walt / Volodya Salmaniw, Masset-BC-CAN, hcdx Oct 31)

CHINA - On new 6010 kHz CNR6, 1203 UT. Thanks very much to Ralph Perry for the timely alert of this new development; // to the long standing 6165 kHz CNR6 frequency. Probably missed the sign on at around 1200 UT, as it was not on the air during earlier monitoring? Did not stay with this to find out if CNR11 is still here later? Needs more monitoring to determine the full CNR6 schedule for 6010 kHz.

6175 (CNR1) // 7230 (CNR1) // 9645 (CNR1) // 9675 (CNR1) // 9685 (CNR5) // 11750 (CNR1) // 11825 kHz (CNR1 jamming VOA from Philippines), 0909+ UT (still on past 1005+ UT). Live press conference of the 20th National Congress of the CPC, being held at the Great Hall of the People (YouTube full 2 hr. coverage - <<https://www.youtube.com/watch?v=4XJlaGJ4ejY>>); in Chinese, with translation into English.

7210 kHz PBS Yunnan, 1047 UT; played their IS of Chinese songs; mixing with VCO1 (a numbers station run by the Chinese Air Defense) that was in LSB; also present seemed to be SOH (Taiwan) on a slightly lower off-frequency. A royal mess here! It is not uncommon for CNR1 to also be here to jam SOH, but not today.
(Ron Howard-CA-USA, direct via wwdxc BC-DX TopNews Oct 15)

6010 kHz CNR-6 via registered Nanning, Oct 13. good signal 1226 UT with energetic Chinese pop dance mx, Mandarin service believe newly listed here. CNR service ID obtained via // with CNR webstream for specified domestic service. <<http://www.cnr.cn/>>
(Ralph Perry, Wheaton-IL-USA, NASWA Electronic Flashsheet #1070 Oct 16)

hfcc.org request:

1200-1605 UT to zones 44S,50 NNN 100kW 142degr 0 146

CHN NNN 142 degr curtain 22 47 20.41 N 108 11 37.60 E

on South-Eastern corner of the SW antenna arrays in Google Maps and MS B

<<https://goo.gl/maps/nzr1nWtMjqpQT4mR7>>

< <https://www.bing.com/maps?osid=89916799-433a-44a9-9d62-1fda8165b201&cp=22.789607~108.193066&lvl=18&style=h&v=2&sV=2&form=S00027>>

{wb}

B22 schedule of Beibu Bay Radio, Guanxi province, China announced the following B22 shortwave schedule. There is only a little change from the previous schedule. Frequencies:

5050 Nanning 100 kW 232 deg

9820 Nanning 100 kW 191 deg

Night Broadcast 0930-1603 UT

0930 Vietnamese, 1000 Chinese, 1030 CRI Chinese, 1100 CRI Vietnamese,

1200 Chinese lesson in various languages.

1202 Vietnamese, 1300 local dialect, 1320 Chinese, 1335 various languages,

1340 Chinese, 1410 CRI Chinese, 1420 Chinese, 1510 English, 1515 Chinese,

1520 Cantonese, 1530 Thai, 1545 Chinese.

Morning Broadcast 2248-0102 UT

2248 Music, 2300 CNR Voice of the Greater Bay Area Chinese/Cantonese,

2350 Music, 0005 CNR Story Radio Chinese, 0102 Vietnamese.

Mo Cambodian, Tue Lao, Wed Burmese, Thu Thai, Fr Vietnamese, Sa/Su not fixed. Mo-Fr only, Sa/Su Music.

(Takahito Akabayashi, Tokyo-JPN, WOR Oct 31)

CONGO BRAZZAVILLE - 6115 kHz Radio Congo, Brazzaville, at 0548-0556 UT, Oct 16, French, comments. 15421. Also heard 0527-0544 UT on Oct 17, French, news, comments. 15421. (Manuel Mendez-ESP, stn heard in Maspalomas, Gran Canaria, Canary Isles)

CUBA - Checked MOVE from 15140 to 13680 kHz outlet towards Europe in B-22 season today. Switch happened at 19.50 UT on Nov 3rd.

1630-1900 15140 BAU 100 10 ENAm Spanish New York daily
1900-1930 15140 BAU 100 340 WNAmerica Arabic Chicago

1930-2000 15140 BAU 100 340 WNAmerica B22 English, not Creole Chicago
excellent checked in Alberta, MI-Rochester-NY, and Kiwi Unit at TWR Bonaire !

move from 15140 to 13680 kHz happened exact at 19.50 UT
2000-2100 13680 BAU 100 340 WNAmerica B22 Creole, not En Chicago

100 kW Bejucal unit towards
1200-1600 9535 BEJ 100 230 CAM Spanish MEX-GTM-CTR-Panama LatinAM is OFF since at least 3 - 4 weeks now.
the lower 50 kW unit at Bejucal towards 1200-1600 9650 BEJ 050 110 Ant Spanish Antilles

and measured
0000-0500 9649.998 BEJ 050 110 Antill Spanish Antilles is always positively in service.
[selected SDR options, span 12.5 kHz RBW 15.3 Hertz] (wb df5sx, wwdxc BC-DX TopNews Nov 3)

DENMARK - Radio208 already again on 1440 kHz, now with 400 Watt from Ishøj, Kopenhagen, // 5970 kHz (100 Watt) from Hvidovre, Kopenhagen.

Transmitting on 1440 kHz now 05.00-01.00 MEZ (04.00-24.00 UTC)! Broadcasting on 5970 kHz and internet-streaming is always 24/7.
(Stig Hartvig Nielsen, <<http://www.radio208.dk>>)

5930 kHz World Music Radio, Bramming, 1706-1743 UT, Nov 5 songs in English, id. "World Music Radio", Andean flute music, other songs. // 15700 kHz 25422.

5970 kHz Radio 208, Hvidovre, 0501-0534 UT Nov 6, pop and rock songs, id. "... Radio 208". 14321.

15700 kHz World Music Radio, Randers, 1705-1714 UT Nov 5, songs in English. 35433.

25800 kHz World Music Radio, Marslet, 0910-1055 UT, Nov 6, songs in English, id. "World Music Radio, WMR".
Brazilian songs, other LA songs. // 15700. 35433.
(Nick Rank, Buxton-UK, hcdx WOR Nov 6)

ECUADOR - 6050 kHz on Oct 2 at -0500* UT. HCJB, Pichincha, songs, at 0400 UT, id. "HCJB", program "Ritmos y Canciones de Nuestra Tierra", "Hoy viajamos hasta la provincia de Pastaza", songs and comments about Pastaza province, "La cultura gastronomica de la provincia de Pastaza", song "Viva la Amazonia", 0455 UT "Llegamos al final del programa, Ritmos y Canciones de nuestra tierra es un aporte de HCJB a la interculturalidad de nuestra tierra", at 0457 UT identification, anthem and close.
(Manuel Mendez-ESP; via SW Bulletin #2013 on Oct 16)

6050 kHz HCJB from Pichincha, 0444-0500* UT on Oct 16, songs program "Ritmos y Canciones de Nuestra Tierra", Spanish, comments and songs, at 0457 UT identification, anthem and close. 24322.
(Manuel Mendez-ESP, stn heard in Maspalomas, Gran Canaria, Canary Isls)

ESWATINI {SWAZILAND} - 9940 kHz TWR Swazi via Manzini site, Oct 13. Good signal coming through band noise at 1920 UT with African mixed chorus hymn f/by preacher in local tongue. This is sked in Lingala and French at this time. Not a lot of signals on 31 mb right now, but this confirms African propagation open at this time.
(Ralph Perry, Wheaton-IL-USA, NASWA Electronic Flashsheet #1070 Oct 16)

9939.986 kHz TWR Manzini Eswatini Mon-Fri at 19.50 UT on Oct 4. (wb)

ETHIOPIA - 7110 kHz Radio Ethiopia, Gedja Dera (pres), 0409-0430 UT. Talk in HOA language (Amharic per schedule) by a man, occasionally joined by a second man or woman. Very weak signal, just above noise level, fading down into the noise 50% of the time. Weaker after 0420 UT. Gone by 0430 UT. Oct 16.
(Jim Evans, Germantown-TN-USA, NASWA Electronic Flashsheet #1070 Oct 16)

FRANCE (non) - Cuban opposite target - semi-clandestine - Spanish sce R Republica re-transmit into Latin AM from European TDF Issoudun transmission center - unstable outlet jumps between 9490.159 ... 166 kHz permanently. Around 01.32 UT on Oct 12.
[selected SDR options, span 12.5 kHz RBW 15.3 Hertz] (wb df5sx, wwdxc BC-DX TopNews Oct 12)

15415 kHz ETHIOPIAs OPPOSITION. Raadiyyoni Dirree Shaggar, OPM via TDF Issoudun, Oct 11. good signal open carrier 1559 UT and then broadcast begins 1600 UT as per appended clip. HOA ditty and OM in Oromo, group of people talking in unison, HOA theme and then OM extended tlks including clear IDs. Signal holding up fine for most of 1500-1530 UT xmsn. Abrupt shutdown -1630* UT.
(Ralph Perry, Wheaton-IL-USA, NASWA Electronic Flashsheet #1070 Oct 16)

GERMANY - DW-RADIO - Schedule B22 - Subject to change:

Short Wave Frequencies - valid from October 30th, 2022, to March 25th, 2023 Schedule of October 30th, 2022

Language	Time/UTC	Freq.	Transm.	Target Area	Weekday	Valid from - to
AMHARIC	1600-1700	11830	ISSOUDUN	Ethiopia	daily	30.10.22-25.03.23
AMHARIC	1600-1700	15275	ISSOUDUN	Ethiopia	daily	30.10.22-25.03.23
HAUSA	0630-0700	7230	SAO TOME	Africa (west)	daily	30.10.22-25.03.23
HAUSA	0630-0700	9830	ISSOUDUN	Africa (west)	daily	30.10.22-25.03.23
HAUSA	0630-0700	11800	ISSOUDUN	Africa (west)	daily	30.10.22-25.03.23
HAUSA	1300-1400	9830	SAO TOME	Africa (west)	daily	30.10.22-25.03.23
HAUSA	1300-1400	11980	SAO TOME	Africa (west)	daily	30.10.22-25.03.23
HAUSA	1300-1400	17800	ISSOUDUN	Africa (west)	daily	30.10.22-25.03.23
HAUSA	1800-1900	9830	SAO TOME	Africa (west)	daily	30.10.22-25.03.23
HAUSA	1800-1900	11980	ISSOUDUN	Africa (west)	daily	30.10.22-25.03.23
HAUSA	1800-1900	15215	ISSOUDUN	Africa (west)	daily	30.10.22-25.03.23
HAUSA	1425-1630	15195	ISSOUDUN	Africa (west)	Saturday	30.10.22-25.03.23 (Football)
HAUSA	1425-1630	17840	ISSOUDUN	Africa (west)	Saturday	30.10.22-25.03.23 (Football)

DEUTSCHE WELLE

Customer Service

53110 Bonn

Germany

Tel.: +49.228.429-4000

Fax: +49.228.429-154000

Email: info@dw-world.de

Internet: <https://www.dw.com/en/dw-radio-programs/a-1777509>

Deutsche Welle stopped broadcasting in Dari and Pashtu on 15 Sept 2022. This was confirmed by the DW customer service answering my enquiry.

(Dr. Hansjoerg Biener-D, via wwdxc BC-DX TopNews Oct 20)

NDR Hamburg "Gruss an Bord" on Christmas Dec 24.

On 27 October 2022, North German public broadcaster NDR announced another special Christmas eve programme "Gruss an Bord" for sailors on the high seas. People who want to greet their relatives are invited to two recording sessions on 11 and 18 December at Leer Ostfriesland and Hamburg.

<<https://www.ndr.de/nachrichten/info/veranstaltungen/Gruss-an-Bord-Ein-frohes-Fest-auch-allen-Seeleuten,grussanbord690.html>>

"Gruss an Bord" was first broadcast in 1953 year. When Deutsche Welle Bonn-Berlin stopped shortwave broadcasting in German, NDR Hamburg started renting air time on its own.

(Dr. Hansjoerg Biener-D, WOR Oct 28)

But Dec 24 special "Gruss an Bord" fq entries doesn't appear in their MBR Cologne database list of Oct 28 so far. (wb)

Previously MBR FMO requested the following request entries in privat hfcc.org organization database of Oct 17:

6080	1800	2100	27,28,29	TAC	100	301	-10	418	7	UZB	MBR	A.xmas	
9610	1800	2100	41,49,54,79,58	MOS	100	115	30	218	7	AUT	MBR	A.xmas	
9740	1800	2100	48,53,41,79	NAU	250	130	0	216	7	D	MBR	A.xmas	
9810	1800	2100	41,49,54,79,58	MOS	100	115	30	218	7	AUT	MBR	C.xmas	
9820	1800	2100	57,53,48,79	ISS	250	148	0	216	7	F	MBR	A.xmas	alternative
11650	1800	2100	13,46,15,66,52,57	NAU	250	205	0	216	7	D	MBR	A.xmas	
17610	1800	2100	27,80,36,81,11	RMI	100	44	0	156	7	USA	MBR	A.xmas	
6030	1900	2100	27,28,29	ERV	100	305	0	238	7	ARM	MBR	B.xmas	
6080	1900	2100	27,80,36,81,11	NAU	125	250	0	216	7	D	MBR	B.xmas	
9740	1900	2100	48,53,41,79	NAU	125	130	0	216	7	D	MBR	B.xmas	
11650	1900	2100	13,46,15,66,52,57	ISS	250	195	0	217	7	F	MBR	B.xmas	
6145	2100	2300	27,80,36,81,11	NAU	125	250	0	216	7	D	MBR	B.xmas	
6155	2100	2300	27,28,29	ERV	100	305	0	238	7	ARM	MBR	B.xmas	
9590	2100	2300	57,53,48,79	ISS	250	148	0	217	7	F	MBR	B.xmas	
9675	2100	2300	41,49,54,79,58	MOS	100	115	30	218	7	AUT	MBR	B.xmas	
9740	2100	2300	48,53,41,79	NAU	125	130	0	216	7	D	MBR	B.xmas	
9830	2100	2300	13,46,15,66,52,57	ISS	250	195	0	217	7	F	MBR	B.xmas	

(wb)

MEDIA BROADCAST GmbH (formerly T-SYSTEMS - DTK)
 October 30th, 2022 B-22 period (30/10/2022 - 25/03/2023)

FREQ	START	STOP	CIRAF	ANT	AZI	DAY	FROM	TO	LOC	POW	BRC	LANG / REMARKS
6130	1900-2000	37,38W		210	146	1234567	301022-250323		NAU	250	AWR	Ara
7325	0430-0500	37,38W		210	216	1234567	301022-250323		NAU	125	AWR	Fra
7350	0300-0330	48		140	216	1234567	301022-250323		NAU	250	AWR	Tir
9495	1930-2000	37,38W		210	216	1234567	301022-250323		NAU	125	AWR	Shi
9515	2000-2030	37,38W		210	216	1234567	301022-250323		NAU	250	AWR	Fra
9610	1000-1100	28W		180	216	1	301022-250323		NAU	125	AWR	Ita
9740	1300-1400	44NE,45NW		76	904	1234567	301022-250323		TAC	100	AWR	Kor
9800	2130-2200	46SE		200	216	1234567	301022-250323		NAU	250	AWR	Twi
9860	0600-0630	46S		180	216	1234567	301022-250323		NAU	250	AWR	Fra
11620	1200-1230	33S,43N,44N		64	879	67	301022-250323		DB	100	AWR	Cmn
11620	1200-1230	33S,43N,44N		64	879	12345	301022-250323		DB	100	AWR	Nan
11620	1230-1300	33S,43N,44N		64	879	123457	301022-250323		DB	100	AWR	Yue
11620	1230-1300	33S,43N,44N		64	879	6	301022-250323		DB	100	AWR	Cmn
11640	0600-0630	46S		200	218	1234567	301022-250323		NAU	250	AWR	Fra
11795	2000-2030	46SW		200	216	1234567	301022-250323		NAU	250	AWR	Mos
11870	1730-1800	48		145	218	1234567	301022-250323		NAU	250	AWR	Orm
11955	1630-1700	48		140	216	1234567	301022-250323		NAU	250	AWR	Tir
11980	0700-0800	37,38W		210	216	1234567	301022-250323		NAU	250	AWR	Ara
12040	1630-1700	48		140	216	1234567	301022-250323		NAU	250	AWR	Amh
12040	1500-1530	41S		163	910	1234567	301022-250323		TAC	100	AWR	Tam
15145	0830-0900	37,38W		210	218	1234567	301022-250323		NAU	125	AWR	Shi
15255	1200-1300	44NE,45NW		60	418	1234567	301022-250323		DB	100	AWR	Kor
15490	1630-1700	48		140	218	1234567	301022-250323		NAU	250	AWR	Som
15515	0200-0300	41NE		125	416	1234567	301022-250323		DB	100	AWR	Eng
15515	1400-1500	41NE		125	416	1234567	301022-250323		DB	100	AWR	Eng
15530	1200-1300	44NE,45NW		76	904	1234567	301022-250323		TAC	100	AWR	Kor
15705	1530-1600	41W		163	910	1234567	301022-250323		TAC	100	AWR	Hin
5935	1915-1930	39,40		130	216	1	301022-250323		NAU	250	BVB	Mu1
6080	1930-2015	39		130	216	1	301022-250323		NAU	125	BVB	Mu1
7365	1800-1900	39,40		105	216	5	301022-250323		NAU	100	BVB	Mu1
7365	1800-1830	39,40		105	216	6	301022-250323		NAU	100	BVB	Mu1
7365	1830-1900	39,40		105	216	13	301022-250323		NAU	100	BVB	Mu1
9440	0600-0615	46N,47NW,38W,37S		180	146	1234567	301022-250323		NAU	125	BVB	Mu1
9450	0500-0515	39,40		120	216	6	301022-250323		NAU	250	BVB	Mu1
9490	1710-1730	38E,39,40W		141	616	24	301022-250323		SOF	100	BVB	Mu1
9715	1830-2000	39		130	805	1	301022-311222		MOS	100	BVB	Mu1
9715	1830-1930	39		130	805	7	301022-311222		MOS	100	BVB	Mu1
9715	1800-1815	39		130	805	6	301022-311222		MOS	100	BVB	Mu1
9715	1800-1830	39		130	805	5	301022-311222		MOS	100	BVB	Mu1
9715	1830-2000	39		126	146	1	010123-250323		NAU	100	BVB	Mu1
9715	1830-1930	39		126	146	7	010123-250323		NAU	100	BVB	Mu1
9715	1800-1815	39		126	146	6	010123-250323		NAU	100	BVB	Mu1
9715	1800-1830	39		126	146	5	010123-250323		NAU	100	BVB	Mu1
11800	1200-1230	43S,44S		90	911	7	301022-250323		TAC	100	BVB	Mu1
11900	1400-1430	41		102	216	7	301022-250323		NAU	250	BVB	Mu1
11900	1430-1500	41		102	216	1357	301022-250323		NAU	250	BVB	Mu1
15210	1230-1245	54		131	418	1	301022-250323		TAC	100	BVB	Mu1

1st Sa p.M.

15310	1600-1700	38S, 39S, 47, 48	150	218	1	301022-250323	NAU	100	BVB	Mu1	
15310	1600-1630	38S, 39S, 47, 48	150	218	2	301022-250323	NAU	100	BVB	Mu1	
15310	1600-1800	38S, 39S, 47, 48	150	218	3	301022-250323	NAU	100	BVB	Mu1	
15310	1630-1700	38S, 39S, 47, 48	150	218	7	301022-250323	NAU	100	BVB	Mu1	
15310	1700-1800	38S, 39S, 47, 48	150	218	4	301022-250323	NAU	100	BVB	Mu1	
15310	1700-1730	38S, 39S, 47, 48	150	218	5	301022-250323	NAU	100	BVB	Mu1	
15310	1600-1630	38S, 39S, 47, 48	150	218	56	301022-250323	NAU	100	BVB	Mu1	
17550	1430-1500	47, 48	153	216	1234567	301022-250323	NAU	100	BVB	Mu1	
7230	0630-0700	46, 47W	0	105	1234567	301022-250323	SAO	100	DWL	Hau	
9830	0630-0700	46, 47W	165	211	1234567	301022-250323	ISS	500	DWL	Hau	
9830	1300-1400	46, 47W	0	105	1234567	301022-250323	SAO	100	DWL	Hau	
9830	1800-1900	46, 47W	20	105	1234567	301022-250323	SAO	100	DWL	Hau	
11800	0630-0700	46, 47W	170	211	1234567	301022-250323	ISS	500	DWL	Hau	
11830	1600-1700	48	130	216	1234567	301022-250323	ISS	500	DWL	Amh	
11980	1300-1400	46, 47W	20	105	1234567	301022-250323	SAO	100	DWL	Hau	
11980	1800-1900	46, 47W	172	211	1234567	301022-250323	ISS	500	DWL	Hau	
15195	1425-1630	46, 47W	168	217	7	051122-051122	ISS	500	DWL	Hau	
15195	1425-1630	46, 47W	168	217	7	121122-121122	ISS	500	DWL	Hau	
15195	1425-1630	46, 47W	168	217	7	210123-180323	ISS	500	DWL	Hau	
15215	1800-1900	46, 47W	170	217	1234567	301022-250323	ISS	500	DWL	Hau	
15275	1600-1700	48	130	217	1234567	301022-250323	ISS	500	DWL	Amh	
17800	1300-1400	46, 47W	172	217	1234567	301022-250323	ISS	500	DWL	Hau	
17840	1425-1630	46, 47W	175	217	7	051122-051122	ISS	500	DWL	Hau	
17840	1425-1630	46, 47W	175	217	7	121122-121122	ISS	500	DWL	Hau	
17840	1425-1630	46, 47W	175	217	7	210123-180323	ISS	500	DWL	Hau	
6055	1130-1200	27, 28	222	146	17	301022-250323	NAU	125	EMG	Mu1	
9500	1530-1630	29S	100	146	7	301022-250323	NAU	100	HCJ	Mu1	
11935	1100-1200	27, 28	321	616	1	301022-250323	SOF	100	JOY	Mu1	1st Su p.M.
5960	0000-0200	2, 3, 4, 6, 7, 8, 9, 10	300	216	1	301022-250323	NAU	125	KBC	N1dEng	
6095	0800-1600	18SW, 27, 28W, 37N	240	156	1234567	301022-250323	NAU	100	KBC	N1dEng	(on-demand)
6165	0430-0450	27, 28	85	146	1234567	301022-250323	NAU	125	NHK	Rus	
11865	1300-1400	45	66	418	7	301022-250323	TAC	100	PAB	Mu1	
15205	1430-1445	41	94	218	1	301022-250323	NAU	250	PAB	Mu1	
6045	1100-1400	27E, 28	233	156	1234567	301022-250323	NAU	100	RSZ	Mu1	(on-demand)
11610	1200-1400	27E, 28	305	238	1234567	301022-250323	ERV	100	RSZ	Mu1	(on-demand)
9610	1700-1730	38E, 39S, 48	144	216	146	301022-250323	NAU	100	SBO	Mu1	
5990	1000-1600	27E, 28	233	146	1234567	301022-250323	NAU	125	SFZ	Mu1	(on-demand)
5935	1300-1400	27E, 28NW	233	146	1234567	301022-250323	NAU	125	SKW	Mu1	(on-demand)
5960	1300-1400	27E, 28NW	299	805	1234567	301022-250323	MOS	100	SKW	Mu1	(on-demand)
6140	0900-1000	27E, 28NW	310	805	1	301022-250323	MOS	100	SKW	Mu1	1st Su p.M.
6095	1100-1200	27E, 28	233	156	1	301022-250323	NAU	100	SMD	Deu	(on-demand)
6095	1100-1200	27E, 28	233	156	7	301022-250323	NAU	100	ST2	Deu	1st Sa p.Q.
6095	0900-1100	27E, 28	233	156	1	251222-251222	NAU	100	ST2	Deu	
6045	1000-1400	27E, 28	233	156	1234567	301022-250323	NAU	100	TSR	Mu1	(on-demand)

List of Broadcasters using MEDIA BROADCAST technical equipment:

AWR Adventist World Radio
 BVB High Adventure Gospel - Bible Voice Broadcasting
 DAK Dandal Kura Radio International
 DWL Deutsche Welle Bonn / Berlin, Germany
 EMG Evangelische Missionsgemeinden in Deutschland
 HCJ Reach Beyond (former Voice of the Andes)
 Sa only, 1530 UTC Russian, 1600 UTC Chechen language
 JOY Radio Joystick, Germany
 KBC The Mighty KBC
 NHK NHK (JAPAN BROADCASTING CORPORATION)
 PAB Pan American Broadcasting
 RSZ Radio60!
 SBO Sagalee Bilisummaa Oromoo, Voice of Oromo Liberation. Berlin
 SFZ Studio 52
 SKW Förderverein "Sender Königs Wusterhausen" e.V.
 SMD SM Radio Dessau, Germany
 ST2 SE-TA 2
 TSR Telstar Radio

Michael Puetz
 MEDIA BROADCAST GmbH
 Order Management & Backoffice
 Erna-Scheffler-Strasse 1
 D-51103 Cologne, Germany

Please send your inquiries and reception reports to:

E-Mail: QSL-Shortwave@media-broadcast.com

Internet: <https://www.media-broadcast.com/hoerfunk/kw-sendernetze>

Sendezeiten für Shortwave-Service Kall-Krekel in B22 - subject to change:

Montag-Sonntag 6005 kHz (in MEZ)
 1200-1230 Radio Slowakei Deutsch
 1230-1300 Radio Slowakei Englisch
 1300-1330 Radio Slowakei Französisch
 1330-1400 Radio Slowakei Spanisch
 1400-1430 Radio Slowakei Deutsch
 1430-1500 Radio Slowakei Englisch
 1500-1530 Radio Slowakei Französisch
 1530-1600 Radio Slowakei Deutsch
 1600-1630 Radio Slowakei Englisch
 1630-1700 Radio Slowakei Französisch
 1700-1730 Radio Slowakei Spanisch

Montag-Sonntag 3985 kHz (in MEZ)
 1800-1900 SRF Echo der Zeit
 1900-1930 Radio Slowakei Deutsch
 1930-2000 Radio Slowakei Englisch
 2000-2030 Radio Slowakei Französisch
 2030-2100 Radio Slowakei Spanisch

Montag-Sonntag 6085
 0900-1900 Radio Mi Amigo International
 (SWS & Hansjörg Bieners DX Digest #29)

GERMANY (AUSTRIA / GUAM / MADAGASCAR / SRI LANKA / TAIWAN / TAJIKISTAN / UZBEKISTAN) -

B22 - AWR Short Wave Broadcast Schedule 2022-10-30 to 2023-03-25 (first and last day of transmission)
 All Regions. Version 08 - 2022-10-16 / pub version. {ARMENIA not in B22}

Site	Start	Stop	Language	Sce	Area	kHz	m	kW	Days
SDA	0000	0030	Arabic	Egypt, Iraq, Arab Peninsula	17790	16	250	1234567	
SDA	0000	0030	Vietnamese	Vietnam	17525	16	100	1234567	
SDA	0000	0030	Burmese	Myanmar, Thailand, China	17650	16	100	1234567	
TRM	0000	0030	Thai	Cambod, Viet, Thai, Laos	9510	31	125	1234567	
TRM	0000	0100	Mandarin	C/N-China	11830	25	125	1234567	
SDA	0030	0100	Karen	Myanmar, Thailand, China	17525	16	100	1234567	
TRM	0030	0100	Asho Chin	Myanmar	9510	31	125	1234567	
TRM	0100	0200	Mandarin	S-China	11830	25	125	7	
TRM	0100	0130	Mandarin	S-China	11830	25	125	6	
TRM	0100	0130	Min Nan Chinese	S-China	11830	25	125	12345	
TRM	0100	0130	Min Nan Chinese	NE-China	15625	19	125	12345	
TRM	0100	0130	Mandarin	NE-China	15625	19	125	67	
TAI	0100	0200	Vietnamese	Vietnam	15445	19	100	7	
TRM	0130	0200	Cantonese	NE-China	15625	19	125	123456	
TRM	0130	0200	Cantonese	S-China	11830	25	125	123456	
TRM	0130	0200	Mandarin	NE-China	15625	19	125	7	
DB	0200	0300	English	Bangladesh	15515	19	100	1234567	
MOS	0200	0230	Urdu	Pakistan	7340	41	300	1234567	
MOS	0230	0300	Panjabi	Pakistan	7340	41	300	1234567	
TRM	0230	0300	Dari	Afghanistan	15310	19	125	1234567	
MDC	0300	0400	Malagasy	Madagascar	6065	49	100	1234567	
NAU	0300	0330	Tigrinya	Eritrea	7350	41	250	1234567	
TRM	0300	0330	Oromo	S-Ethiopia	15410	19	125	1234567	
TRM	0330	0400	Farsi	Iran	15310	19	125	1234567	
TRM	0400	0430	Amharic	Ethiopia	17650	16	125	1234567	
MOS	0400	0430	Turkish	Turkey	6185	49	300	1234567	
NAU	0430	0500	French	Morocco, Algeria	7325	41	125	1234567	
MDC	0500	0600	Arabic	Egypt, Iraq, Arab Peninsula	17790	16	250	1234567	

MOS	0500	0530	Hausa Nigeria	9630	31	300	1234567
NAU	0600	0630	French Cameroon, Ghana, (Senegal)	11640	25	250	1234567
NAU	0600	0630	French Cameroon, Ghana, (Senegal)	9860	31	250	1234567
MOS	0600	0700	Arabic Libya	11880	25	300	1234567
NAU	0700	0800	Arabic Morocco, Algeria	11980	25	250	1234567
MOS	0700	0730	French Cameroon, Ghana, (Senegal)	15610	19	300	1234567
MOS	0800	0830	French Morocco, Algeria	15145	19	300	1234567
NAU	0830	0900	Tachelhit Morocco, Algeria	15145	19	125	1234567
SDA	1000	1100	Mandarin S-China	15420	19	100	1234567
NAU	1000	1100	Italian Italy	9610	31	125	1
SDA	1000	1100	Mandarin C/N-China	11690	25	100	1234567
SDA	1030	1100	Mongolian N-China, Mongolia	15500	19	100	1234567
SDA	1030	1100	Tagalog Philippines	11870	25	100	2345 7
SDA	1030	1100	Ilocano Philippines	11870	25	100	1 6
SDA	1100	1200	Mandarin NE-China	9610	31	100	1234567
SDA	1100	1200	Mandarin C/N-China	11690	25	100	1234567
SDA	1100	1200	Mandarin S-China	15210	19	100	1234567
SDA	1100	1130	Indonesian W-Indonesia	15500	19	100	1234567
SDA	1130	1200	Javanese Indonesia, Malaysia	12040	25	100	2 4 6
SDA	1130	1200	Shan Myanmar	15610	19	100	1234567
SDA	1130	1200	Sundanese Indonesia, Malaysia	12040	25	100	1 3 5 7
SDA	1200	1230	Min Nan Chinese S-China	12080	25	100	12345
SDA	1200	1230	Mandarin S-China	12080	25	100	67
DB	1200	1300	Korean Korea	15255	19	100	1234567
SDA	1200	1230	Min Nan Chinese C/N-China	9610	31	100	12345
SDA	1200	1230	Mandarin C/N-China	9610	31	100	67
SDA	1200	1230	Mon Myanmar	15430	19	100	1234567
TAC	1200	1300	Korean Korea	15530	19	100	1234567
DB	1200	1230	Min Nan Chinese NE-China	11620	25	100	12345
DB	1200	1230	Mandarin NE-China	11620	25	100	67
DB	1230	1300	Mandarin NE-China	11620	25	100	6
SDA	1230	1300	Meitei NE-India, Bangladesh	15430	19	100	1234567
DB	1230	1300	Cantonese NE-China	11620	25	100	12345 7
SDA	1230	1300	Cantonese C/N-China	9610	31	100	12345 7
SDA	1230	1300	Mandarin C/N-China	9610	31	100	6
SDA	1230	1300	Cantonese S-China	12080	25	100	12345 7
SDA	1230	1300	Mandarin S-China	12080	25	100	6
SDA	1300	1330	Nepali NE-India	15610	19	100	1234567
SDA	1300	1330	Mandarin W-China	9470	31	100	23456
TAC	1300	1400	Korean Korea	9740	31	100	1234567
SDA	1300	1330	Uighur W-China	9470	31	100	1 7
MDC	1300	1400	Vietnamese Vietnam	17770	16	250	1234567
SDA	1300	1330	Bangla Bangladesh	15255	19	100	1234567
SDA	1300	1330	Kachin Myanmar	15530	19	100	1234567
TRM	1300	1330	Khmer Cambod, Viet, Thai, Laos	15550	19	125	2345
TRM	1300	1330	Khmer Cambod, Viet, Thai, Laos	15550	19	125	1 67
SDA	1300	1330	Asho Chin Myanmar	15505	19	100	1234567
TRM	1300	1330	Indonesian E-Indonesia	11620	25	125	1234567
SDA	1330	1400	Indonesian Malaysia	15550	19	100	23 7
TRM	1330	1400	Dawan E-Indonesia	11620	25	100	1234567
SDA	1330	1400	Hmong Thailand	15550	19	100	56
SDA	1330	1400	Assamese NE-India	15550	19	100	1 4
SDA	1330	1400	Kokborok Bangladesh	15255	19	100	1234567
TRM	1330	1400	Lisu Myanmar	15505	19	125	1234567
SDA	1330	1400	Khasi NE-India, Bangladesh	15430	19	100	1234567
SDA	1330	1400	Lao Cambod, Viet, Thai, Laos	12085	25	100	5 7
SDA	1330	1400	Isan Cambod, Viet, Thai, Laos	12085	25	100	1234 6
SDA	1400	1430	Thai Cambod, Viet, Thai, Laos	15450	19	100	1234567
TRM	1400	1500	Mandarin W-China	9450	31	125	1234567
MDC	1400	1500	Malagasy Madagascar	6055	49	100	1234567
TRM	1400	1500	Mandarin S-China	15705	19	125	1234567
SDA	1400	1430	Mandarin W-China	9720	31	100	1234567
MDC	1400	1430	Sinhalese Sri Lanka	15530	19	250	1234567
SDA	1400	1500	Korean Korea	9645	31	100	1234567

SDA	1400	1430	Asho Chin Myanmar	11620	25	100	1234567
MOS	1400	1430	Urdu Pakistan	17765	16	300	1234567
DB	1400	1500	English Bangladesh	15515	19	100	1234567
SDA	1400	1500	Korean Korea	9580	31	100	1234567
SDA	1400	1430	Karen Myanmar, Thailand, China	12085	25	100	1234567
SDA	1400	1430	Karen Myanmar, Thailand, China	11955	25	100	1234567
SDA	1430	1500	Karen Myanmar, Thailand, China	12085	25	100	1234567
SDA	1430	1500	Burmese Myanmar	15530	19	100	1234567
TAC	1500	1530	Tamil S-India	12040	25	100	1234567
MOS	1500	1530	Turkish Turkey	11955	25	300	1234567
SDA	1500	1530	Kannada S-India	15215	19	100	1234567
MDC	1500	1530	Mizo NE-India	15605	19	250	1234567
TRM	1500	1530	Nepali Nepal	9765	31	125	1234567
TRM	1530	1600	Oriya India-Odisha	9765	31	125	1234567
SDA	1530	1600	Tibetan Nepal, Tibet	15530	19	100	56
SDA	1530	1600	English Nepal, Tibet	15530	19	100	1234 7
SDA	1530	1600	Kannada S-India	15680	19	100	1234567
MOS	1530	1600	Panjabi Pakistan	15265	19	300	1234567
TAC	1530	1600	Hindi India-Gujarat	15705	19	100	1234567
SDA	1530	1600	Gujarati C-India	15615	19	100	1234567
MDC	1530	1600	Malayalam S-India	15665	19	250	1234567
SDA	1530	1600	Hindi N-India	15215	19	100	1234567
SDA	1600	1630	Telugu S-India	12040	25	100	1234567
TRM	1600	1630	Urdu N-India	11755	25	125	1234567
MOS	1600	1630	Urdu Pakistan	15265	19	300	1234567
MDC	1600	1630	Marathi C-India	17730	16	250	1234567
TRM	1630	1700	Pushto N-India	15360	19	125	2 4 6
TRM	1630	1700	Sindhi S-Pakistan	15360	19	125	1 3 5 7
NAU	1630	1700	Amharic Ethiopia	12040	25	250	1234567
MOS	1630	1700	Farsi Iran	9770	31	300	1234567
NAU	1630	1700	Tigrinya Eritrea	11955	25	250	1234567
NAU	1630	1700	Somali Somalia	15490	19	250	1234567
MDC	1700	1728	Kiswahili Tanzania, Kenya, Uganda	11720	25	250	1234567
TRM	1700	1730	Kiswahili Tanzania, Kenya, Uganda	15360	19	125	1234567
MOS	1730	1800	Masai Tanzania, Kenya, Uganda	17765	16	300	1234567
NAU	1730	1800	Oromo S-Ethiopia	11870	25	250	1234567
MOS	1800	1858	Arabic Libya	11955	25	300	1234567
NAU	1900	2000	Arabic Morocco, Algeria	6130	49	250	1234567
TRM	1900	2000	Arabic Egypt, Iraq, Arab Peninsula	11985	25	125	1234567
MDC	1900	1930	Hausa Nigeria	15360	19	250	1234567
MDC	1930	2000	Ibo E-Nigeria	15355	19	250	1234567
NAU	1930	2000	Tachelhit Morocco, Algeria	9495	31	125	1234567
MOS	1930	2000	French C-Africa	17765	16	300	1234567
NAU	2000	2030	Moore Burkina Faso	11795	25	250	1234567
MOS	2000	2030	Dyula Burk. Faso, Ivory Coast, Mali	9535	31	300	1234567
NAU	2000	2030	French Morocco, Algeria	9515	31	250	1234567
MDC	2000	2030	French Cameroon, Niger	15355	19	250	1234567
MDC	2030	2100	Yoruba Nigeria	15420	19	250	1234567
MOS	2030	2100	French W-Africa	9535	31	300	1234567
MDC	2100	2130	Pidgin Nigeria	11985	25	250	1234567
TRM	2100	2200	Mandarin C/N-China	9885	31	125	1234567
SDA	2100	2200	Korean Korea	9860	31	100	1234567
NAU	2130	2200	TWI W-Africa	9800	31	250	1234567
SDA	2200	2230	Dayak W-Indonesia	15680	19	100	1234567
TRM	2200	2230	English W-Indonesia	12040	25	125	1 3 5
TRM	2200	2230	Sundanese W-Indonesia	12040	25	125	2 4 67
TRM	2200	2300	Mandarin C/N-China	12060	25	125	1234567
SDA	2200	2300	Vietnamese Vietnam	15215	19	100	1234567
SDA	2200	2300	Mandarin NE-China	15625	19	100	1234567
SDA	2230	2300	Javanese W-Indonesia	15665	19	100	1234567
SDA	2230	2300	Indonesian W-Indonesia	15680	19	100	1234567
SDA	2300	2400	Mandarin NE-China	17620	16	100	1234567
SDA	2300	2330	Khmer Cambod, Viet, Thai, Laos	17570	16	100	1 67
SDA	2300	2330	Khmer Cambod, Viet, Thai, Laos	17570	16	100	2345

SDA	2300	2400	Mandarin C/N-China	17520	16	100	1234567
SDA	2330	2400	Lao Cambod, Viet, Thai, Laos	17570	16	100	5 7
SDA	2330	2400	Thai Cambod, Viet, Thai, Laos	17570	16	100	1234 6

AWR Frequency Management Office

Sandwiesenstr. 35

64665 Alsbach

Germany, Europe

Phone: +49 6257 9440969

Email: <pino-at-awr.org>

(AWR Germany fq management planning office, via wwdxc BC-DX TopNews Oct 16)

GUAM - Transmitter #7 of KTWR-Guam was repaired - retuned to the normal operation. Transmitter #7 (Thomson TSW2250D) of KTWR-Guam has been in trouble since the beginning of July 2022. Due to this trouble, KTWR Japanese Service "Friendship Radio" (Sun 1215-1245 UT 9380 kHz 100 kW 345 deg) was off the air from July 10 to August 28, and has returned to air using Tashkent transmitter site on the same frequency (100 kW 66 deg) from September 3 to October 2.

At last the transmitter #7 was repaired, and they returned to the normal operation from KTWR Guam on October 9 with good signal strength. The frequency will be changed to 9975 kHz in B22 winter season. (Takahito Akabayashi, Tokyo-JPN, direct and WOR Oct 9)

INDIA - The B22 Schedule of All India Radio is now available in the following links:

Time Wise: <<https://qsl.net/vu2jos/es/time.htm>>

Language Wise: <<https://qsl.net/vu2jos/es/Language.htm>>

Frequency Wise: <<https://qsl.net/vu2jos/sw/freq.htm>>

Additionally, List of Selected broadcasts to SoAsia is available in <<https://qsl.net/vu2jos/DXSA>

(Jose Jacob-IND VU2JOS, DXindia Oct 29)

7380	0100	0130	41NW	BGL	500	325	0	216	D Sin	IND	AIR
11560	0100	0230	42,43	DEL	100	102	0	106	N Bod	IND	AIR
15050	0130	0230	54	BGL	500	120	0	216	D Ind	IND	AIR
4760	0130	0410	41NW	LEH	10	130	0	700	D Mu1	IND	AIR
15210	0145	0315	42S	BGL	500	35	0	216	D Nep	IND	AIR
11560	0300	0430	41NW	DEL	100	282	0	106	D Bal	IND	AIR
15210	0315	0415	49	BGL	500	90	0	216	D Mya	IND	AIR
15030	0400	0530	40	BGL	500	300	25	216	D Fas	IND	AIR
11620	0430	0600	40E	DEL	100	282	0	106	D Prs	IND	AIR
15185	0430	0600	40E	BGL	500	325	0	216	D Pus	IND	AIR
15030	0530	0630	38,39	BGL	500	300	0	216	D Ara	IND	AIR
6000	0700	1000	41NW	LEH	10	130	0	700	D Mu1	IND	AIR
9910	0900	1030	42S	DEL	100	102	0	106	D Nep	IND	AIR
11560	0900	1030	42S	DEL	100	102	0	106	D Nep	IND	AIR
15030	0900	1030	42S	BGL	500	35	0	216	D Nep	IND	AIR
15050	1030	1200	42-44	BGL	500	60	-25	216	D Zho	IND	AIR
4760	1030	1700	41NW	LEH	10	130	0	700	D Mu1	IND	AIR
9950	1045	1215	42,43	DEL	100	102	0	106	N Bod	IND	AIR
11590	1045	1215	42,43	DEL	100	102	0	106	N Bod	IND	AIR
4760	1200	1630	41NW	LEH	10	130	0	700	D Mu1	IND	AIR
15030	1215	1315	48	BGL	500	240	0	216	D Swa	IND	AIR
9950	1230	1330	41NW	DEL	100	282	0	106	D Bal	IND	AIR
11560	1230	1400	40E	BGL	500	325	0	216	D Pus	IND	AIR
9950	1330	1500	40E	BGL	500	325	0	216	D Prs	IND	AIR
9620	1600	1730	40	BGL	500	300	20	216	D Fas	IND	AIR
9620	1730	1930	38,39	BGL	500	300	20	216	D Ara	IND	AIR
9670	1730	1930	38,39	BGL	500	300	20	216	D Ara	IND	AIR
9620	1930	2030	27	BGL	500	300	20	216	D Fra	IND	AIR
9670	1930	2030	27	BGL	500	300	20	216	D Fra	IND	AIR
13695	2345	0115	42-44	BGL	500	60	-25	216	D Zho	IND	AIR

(hfcc.org B-22 AIR Delhi request file of Oct 17)

B-22 planned requests AIR World Service 1 UTC / QRG:

14

East Asia

Chinese	2345-0115	15050	
Chinese	1030-1200	15050	
Indonesian	0130-0230	13710	
Thai	0245-0330	13710	delete

West Asia

Arabic	0530-0630	15030	
	1730-1930	9620	
Persian	0400-0530	15030	
	1600-1730	9620	

East Africa

Swahili	1215-1315	15030	
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B-22 AIR World Service 2 UTC / QRG

West Europe

French	1930-2030	9620	(AM, formerly DRM)
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East Asia, China {Tibet, Xizang}

Tibetan	0100-0230	9910	
Tibetan	1045-1215	9950	11560

East Europe

Russian	0945-1045	17710	(DRM) delete
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Pakistan

Baluchi	0300-0430	9950	
Baluchi	1230-1330	9950	

Afghanistan

Dari	0430-0600	9950	
	1330-1500	9950	(ex11560 1071 DRM)

(via Jose Jacob-IND, VU2JOS. DXindia August 19, 2022)

4760 kHz on Oct 27 at 1615 UT All India Radio, Leh with somewhat improved modulation (better audio). They are now constantly on 4760.003kHz which is 6 Hz up, compared to last season. Transmitter adjustments ? Close down this day at 16.30.18 UT.

(Stig Adolfsson-SWE, SW Bulletin #2014, WOR Nov 2)

Several AIR ES Frequencies off air at present. Monitoring observation indicate that several B22 SW frequencies of All India Radio External Services is temporarily off air. Hope that it will be rectified soon.

(Jose Jacob-IND VU2JOS, DXindia groups.io Nov 7)

INDONESIA - 7289.924 plus 1/2 half Hertz too measured signal of RRI Nabire around tune-in at 08.12 UT to TX SWITCH OFF at 09.16 UT Wed Oct 12. Tiny signal S=3-4 or -104dBm in Japan, S=5 in Canada at -93dBm level.

Muslim Quran prayer noted in procedure around 08.45 to 08.57 UT, then followed of tiny ladies(?) singer. At 09.15 UT both were still on air INS 7290v and VUT 7890 kHz too.

(wb df5sx, wwdxc BC-DX TopNews Oct 12)

JAPAN - Some frequencies of NHK WORLD RADIO JAPAN will be changed at 1:00AM UTC on October 30, 2022. Now, we are sending you a new Monitoring Form and a new Frequency Schedule, so please review the attached files (Excel and PDF) and use them for your monitoring report from November 2022.

AU-11 <November, 2022 - March, 2023>

20:00-21:00 UT 12040 kHz Japanese from Yamata bcast center site

<https://www3.nhk.or.jp/nhkworld/ja/information/brochure/pdf/radio_frequency_schedule_20221013.pdf>

Monitoring Section

NHK WORLD-JAPAN (Oct 27)

JAPAN [and non; FRANCE / GERMANY / LITHUANIA / TAJIKISTAN] -

NHK World - Radio Japan Tokyo - October 30, 2022 - March 25, 2023. language sorted SW fq list.
Also some reserve tentat. wooden requests seen, see below.

6165	0600	0620	37-39	ISS	500	140	0	146	Ara	F	NHK
	shortened to 20 mins only.										
11610	1500	1530	41	YAM	300	270	0	208	Ben	J	NHK
9865	0430	0500	53,57	ISS	500	155	0	216	Eng	F	NHK
	Mon-Fri only										
9865	0500	0530	53,57	ISS	500	155	0	216	Eng	F	NHK
	Sat & Sun only										
11815	1400	1430	49,50,54	YAM	300	235	0	208	Eng	J	NHK
1386	1510	1525	27,28	Mon-Fri only							
1386	1520	1530	27,28	Sat&Sun only							
	200/75kW Viesientos LTU Eng LTU LRTC										
13725	1430	1500	40	ISS	500	90	0	211	Fas	F	NHK
927	1630	1650	40	Orzu300 Fas TJK							
7450	0530	0550	37,46,47	ISS	500	190	0	157	Fra	F	NHK
13840	0530	0550	46-48,52,53	ISS	500	152	0	216	Fra	F	NHK
9855	2030	2050	37,46,47	ISS	500	190	0	157	Fra	F	NHK
11610	1530	1550	41	YAM	300	270	0	208	Hin	J	NHK
13705	0000	0030	49,50,54	YAM	300	235	0	208	Ind	J	NHK Ins
	Tues-Sat only										
	0000	0021	Sun&Mon only								
11830	0500	0530	43,44	YAM	300	290	0	146	Kor	J	NHK
9760	0800	0830	43,44	YAM	300	290	0	146	Kor	J	NHK
6090	1100	1130	43,44	YAM	300	290	0	146	Kor	J	NHK
6090	1200	1230	43,44	YAM	300	290	0	146	Kor	J	NHK
6190	1300	1330	43,44	YAM	300	290	0	146	Kor	J	NHK
6190	1400	1430	43,44	YAM	300	290	0	146	Kor	J	NHK
9560	2209	2230	43,44	YAM	300	290	0	146	Kor	J	NHK
13705	0030	0100	49,50,54	YAM	300	235	0	208	Mya	J	NHK
11815	1430	1500	49,50,54	YAM	300	235	0	208	Mya	J	NHK
17560	0330	0350	29,38-40	YAM	300	305	0	208	Rus	J	NHK
	Mon-Fri only										
				YAM	300	330	25	208			
1386	0330	0350	27,28	200/75kW Viesientos	LTU				Rus	LTU	LRTC
	Mon-Fri only										
6165	0430	0450	27,28	NAU	125	85	0	146	Rus	D	NHK
	Mon-Fri only										
11790	0530	0550	23,24,33	YAM	300	330	25	208	Rus	J	NHK
	Mon-Fri only										
7355	1030	1050	23,24,33	YAM	300	330	25	208	Rus	J	NHK
	Mon-Fri only										
{late change, not 7430 kHz ? on previous PDF file in web, wb. }											
1386	various	1500	1510	27,28	200/75kW Viesientos	LTU			Rus	LTU	LRTC
		1525	1530	Mon-Fri only							
		1500	1520	Sat&Sun only							
		1730	1750	daily or Mon-Fri only ?							
13705	2300	2330	49,50,54	YAM	300	235	0	208	Tha	J	NHK
	Mon-Fri only										
	2300	2321	Sat&Sun only								
11620	1600	1620	41	YAM	300	270	0	208	Urd	J	NHK
927	1700	1720	40	Orzu300 Urd TJK							
13705	2330	2340	49,50,54	YAM	300	235	0	208	Vie	J	NHK
	Mon-Fri only										
				2330	2351	Sat&Sun only.					
11825	0400	0430	43,44	YAM	300	290	0	146	Zho	J	NHK
6090	1130	1200	43,44	YAM	300	290	0	146	Zho	J	NHK
6190	1230	1300	43,44	YAM	300	290	0	146	Zho	J	NHK
6190	1330	1400	43,44	YAM	300	290	0	146	Zho	J	NHK
6190	1430	1500	43,44	YAM	300	290	0	146	Zho	J	NHK
9560	2230	2250	43,44	YAM	300	290	0	146	Zho	J	NHK
11790	0200	0300	23,24,33	YAM	300	330	25	208	Jpn	J	NHK

6105	0200	0400	10,11	ISS	500	290	0	216	Jpn	F	NHK
15195	0200	0500	43,44	YAM	300	290	0	146	Jpn	J	NHK
17810	0200	0500	49,50,54	YAM	300	235	0	208	Jpn	J	NHK
7265	0300	0500	37-39	ISS	500	140	0	146	Jpn	F	NHK
11825	0700	0800	43,44	YAM	300	290	0	146	Jpn	J	NHK
13860	0700	0900	14,16	YAM	300	85	30	208	Jpn	J	NHK
15280	0700	1000	49,50,54	YAM	300	235	0	208	Jpn	J	NHK
15290	0800	1000	46,47	ISS	500	190	0	157	Jpn	F	NHK
9750	0800	1400	43,44	YAM	300	290	0	146	Jpn	J	NHK
11815	1000	1400	49,50,54	YAM	300	235	0	208	Jpn	J	NHK
11815	1500	1700	49,50,54	YAM	300	235	0	208	Jpn	J	NHK
6000	1700	1900	37-39	ISS	500	140	0	146	Jpn	F	NHK
9560	1700	1900	43,44	YAM	300	290	0	146	Jpn	J	NHK
11620	1700	1900	41	YAM	300	270	0	208	Jpn	J	NHK
11945	1700	1900	52,57	ISS	500	155	0	216	Jpn	F	NHK
11910	1900	2100	43,44	YAM	300	290	0	146	Jpn	J	NHK
15130	1900	2100	46-48,52,53	ISS	500	152	0	216	Jpn	F	NHK
12040	2000	2100	51,55,56,59,60	YAM	300	175	0	208	Jpn	J	NHK
11630	2100	2300	49,50,54	YAM	300	235	0	208	Jpn	J	NHK
11910	2100	2400	43,44	YAM	300	290	0	146	Jpn	J	NHK

NHK R Japan Tokyo reserve fq scheduled, alternates requested, but not real on NHK schedule in PDF_format:

11910	0000	0100	43,44	YAM	300	290	0	146	Jpn	J	NHK
17810	0000	0100	49,50,54	YAM	300	235	0	208	Jpn	J	NHK
15195	0100	0200	43,44	YAM	300	290	0	146	Jpn	J	NHK
17810	0100	0200	49,50,54	YAM	300	235	0	208	Jpn	J	NHK
17560	0100	0500	29,38-40	YAM	300	305	0	208	Jpn	J	NHK
except	17560	0330	0350	UT	Mon-Fri	in	Russian	to	Far	East	Russia
15755	0200	0400	41	YAM	300	270	0	208	Jpn	J	NHK
15590	0400	0900	41	YAM	300	270	0	208	Jpn	J	NHK
15195	0500	0700	43,44	YAM	300	290	0	146	Jpn	J	NHK
17585	0500	0700	49,50,54	YAM	300	235	0	208	Jpn	J	NHK
9700	0500	0800	29,38-40	YAM	300	305	0	208	Jpn	J	NHK
9700	0800	0900	29,38-40	YAM	300	305	0	208	Jpn	J	NHK
15325	0900	1000	41	YAM	300	270	0	208	Jpn	J	NHK
9740	0900	1200	29,38-40	YAM	300	305	0	208	Jpn	J	NHK
15565	1000	1200	41	YAM	300	270	0	208	Jpn	J	NHK
9680	1200	1300	41	YAM	300	270	0	208	Jpn	J	NHK
9740	1200	1300	29,38-40	YAM	300	305	0	208	Jpn	J	NHK
9795	1300	1400	41	YAM	300	270	0	208	Jpn	J	NHK
11685	1300	1400	29,38-40	YAM	300	305	0	208	Jpn	J	NHK
9450	1400	1500	29,38-40	YAM	300	305	0	208	Jpn	J	NHK
9680	1400	1500	41	YAM	300	270	0	208	Jpn	J	NHK
9750	1400	1500	43,44	YAM	300	290	0	146	Jpn	J	NHK
12095	1400	1500	49,50,54	YAM	300	235	0	208	Jpn	J	NHK
9450	1500	1600	29,38-40	YAM	300	305	0	208	Jpn	J	NHK
9750	1500	1600	43,44	YAM	300	290	0	146	Jpn	J	NHK
11945	1500	1700	41	YAM	300	270	0	208	Jpn	J	NHK
9750	1600	1700	43,44	YAM	300	290	0	146	Jpn	J	NHK
11915	1600	1700	29,38-40	YAM	300	305	0	208	Jpn	J	NHK
11670	1700	1900	29,38-40	YAM	300	305	0	208	Jpn	J	NHK
12020	1700	1900	49,50,54	YAM	300	235	0	208	Jpn	J	NHK
9480	1900	2000	41	YAM	300	270	0	208	Jpn	J	NHK
5960	1900	2100	49,50,54	YAM	300	235	0	208	Jpn	J	NHK
11610	1900	2100	29,38-40	YAM	300	305	0	208	Jpn	J	NHK
11725	2000	2330	41	YAM	300	270	0	208	Jpn	J	NHK
11660	2100	0100	29,38-40	YAM	300	305	0	208	Jpn	J	NHK
11875	2300	2400	49,50,54	YAM	300	235	0	208	Jpn	J	NHK
15330	2330	0200	41	YAM	300	270	0	208	Jpn	J	NHK

(hfcc.org, language sorted NHK B-22 schedule)

KOREA REP. OF [South] - 15575 kHz KBS World Radio from Kimjae site, 1406-1459* on Aug 16, a man announcer with the new sin the listed Korean language. Nx ended at 1409 UT with instrumental music followed by a man and woman discussion, later nice Korean vocals noted. Closed with announcements, Fair signal making me wish

I was there earlier for the English language program.
(Rich D'Angelo-PA-USA, NASWA Electronic Flashsheet #1072 Nov 30)

LIBERIA - 6050 kHz ELWA Radio, Monrovia, *0601-0620 UT, open with African songs, English, religious comments. 25422. (Manuel Mendez-ESP, stn heard in Maspalomas, Gran Canaria, Canary Isls)

MADAGASCAR - 11650 kHz R Dabanga via MGLOB Talata Volonondry Madagascar relay facility, Oct 10. YL with series of short nx items in vernacular with two-beat mx breakers separating them. 0445 UT into modern North African instl mx and beginning of next pgm, a news magazine presented by OM and YL in AA-influenced lang, many mtns of Mauretania. But noticed // on 7315 kHz via Santa Maria Di Galeria, Vatican State, with simply monstrous signal. Local FM quality! Musical jingle ID and abrupt carrier cut at -0456* UT.
(Ralph Perry, Wheaton-IL-USA, NASWA Electronic Flashsheet #1070 Oct 16)

11705 kHz ETHIOPIAs OPPOSITION. Radio Mazaris Sumay via MGLOB Talata Volonondry Madagascar relay facility, on Oct 11. fair but muffled signal and a little fadey, OM lecturing in Tigrinya at 1738 UT tune-in. Brief HOA style mx breaker every so often.
(Ralph Perry, Wheaton-IL-USA, NASWA Electronic Flashsheet #1070 Oct 16)

MWV Madagascar, two antennas; via MWV New Life broadcast center at Mahajanga Madagascar.

Time UTC	Frequency	Range	Broadcast	language	Azimuth	Suggested region
1800-1900 UT	9885 kHz	31 mb		Russian	355	Western Russia
1900-2000 UT	9845 kHz	31 mb		Russian	355	Western Russia

Broadcasting in Russian and other languages -

<<https://www.knls.net/schedule/>>

<<https://vk.com/dxing>>

(Harold Frodge-MI-USA, of RUSdx #1209, also direct via wwdxc BC-DX TopNews Oct 30)

MEXICO - S=8-9 signal much stronger and wider bandwidth observed on Perseus screen in Sept/Oct now, still odd fq 6184.968 kHz though, but my guess is, that R Educacion Mexico D.F. refurbished their ANTENNA / FEED equipment MATCHING equipment ??
(wb df5sx, WOR / wwdxc BC-DX TopNews Oct 14)

MYANMAR - 5914.980 kHz likely string of Nay Pyi Daw site MR outlet at 00.48 UT, S=5 poor signal. 5985even MR Yengu Yangoon former capital radio, at 00.49 UT.
[selected SDR options, span 12.5 kHz RBW 15.3 Hertz] (wb df5sx, wwdxc BC-DX TopNews Oct 12)

5915v kHz R Myanmar, Nay Pyi Daw, Oct 11. fair signal today at 1225 UT w/ mx running to 1229 UT YL tlks in lilting lang. Fanfare at the 1230 UT mark (7 p.m. there). But instead of usual national news update show, instead begins a run of dated-sounding local vocal selections with simple orch backing. Finally, at 1236 UT, YL belatedly begins hourly national news I guess they needed a little extra time today to assemble their pgm. Signal peaking during the news and the nxcast ran past 1245 UT and then ended, but signal seemed to drop at 1246 UT when mx pgm resumed.

I like the sound of that lady newscaster's sing-songy voice, kinda soft and sweet. No QRM and signal improving with time. Though at best only fair++ signal is relatively good for what we tend to get out of Myanmar here in the Midwest.

5915 R Myanmar, Nay Pyi Daw, Oct 13. poor-fair signal this morning 1248UT with orchl mx amid heavy band noise, f/by familiar voice YL at 1250 UT with soft anmts in presumed Burmese. But 5915 kHz better than 5985 kHz, where only a carrier being raised today.

5915 R Myanmar via Naypyidaw, Oct 15. fair signal today with YL in lilting Burmese tlks 1207 UT followed by mellow local pop song, ballad-style by OM with band. 1210 UT YL studio deejay in Burmese talking with man via phone. 1212 UT more local pop mx. 1215 UT studio deejay again chats with a second person, this time a female, higher voice like child, taking a request. Romantic vocal by female singer w/ orch follows.
(Ralph Perry, Wheaton-IL-USA, NASWA Electronic Flashsheet #1070 Oct 16)

NEW ZEALAND - RNZ Pacific B22 schedule. 30 Oct 2022 - 25 Mar 2023:
<<https://www.rnz.co.nz/international/listen>>

UTC	kHz	mode	Target	Days
00:00-06:58	15720	AM	Pacific	Mon-Sun
06:59-08:58	13730	AM	Pacific	Mon-Sun

08:59-12:58	13730 AM NW	Pacific Vanuatu Solomon Isl PNG Mon-Fri
12:59-16:50	7390 AM	Pacific Mon-Sun
16:51-17:55	9700 AM 9780 DRM	Cook Islands Tonga Samoa Sun-Fri
16:51-17:58	9700	Pacific Sat
17:56-18:57	11725 AM 11690 DRM	Cook Islands Tonga Samoa Sun-Fri
17:59-19:58	11725 AM	Pacific Sat
18:59-20:58	11725 AM 13840 DRM	Cook Islands Tonga Samoa Sun-Fri
19:59-00:00	15720	Pacific Sat
20:59-00:00	15720 AM	Pacific Mon-Sun

(gh, hcdx and WOR Oct 26)

In September 2022, Ampegon Power Electronics AG and RNZ, signed a contract to supply a new TSW2100-V4 100 kW shortwave transmitter to New Zealand. The transmitter will broadcast the RNZ, Pacific service to millions of people living across the Pacific with high reliability and energy efficiency.

The TSW-2100 transmitters is capable of both traditional analogue broadcasts and DRM digital broadcasting. It is designed to provide DSB and AMC analogue modes to significantly reduce power consumption and when broadcasting DRM, energy usage is reduced by up to 40% without compromising broadcast range. Additionally, DRM provides FM quality stereo sound alongside a data stream which can be used to send text messages, advertising, images and the "Journaline" text service which provides capabilities for remote-learning.

RNZ provides an essential shortwave service, 24 hours a days, for 22x broadcasting partners across the Pacific region. Richard Sutherland, Head of News, RNZ, explains: "The value of the RNZ Pacific service can't be underestimated. Our voice reaches all parts of the Pacific, at times with critical information such as cyclone warnings. RNZ shortwave transmissions are a lifeline source of information, which helps to support sustainable social and economic resilience".

The new transmitter is planned to be delivered in 2023 and put into operation in early 2024. For further information please Contact Us, or email: <info -at- ampegon.com>

PHILIPPINES - B22 schedule for PBS Radio Pilipinas via US AGM Tinang Philippines relay station:

0200-0330 ME 9475-pht 15640-pht 17820-pht mainly in English
 1730-1930 ME 9925-pht 12120-pht 15190-pht mainly in Tagalog (HFCC)
 (BrDXC-UK via gh, WOR Nov 5)

ROMANIA - RRI broadcast frequencies valid as of October 30, 2022 to March 25, 2023:

WESTERN EUROPE UT Frequencies in kHz

06.30-07.00	6040 (DRM)	7345
12.00-13.00	11670	15460
18.00-19.00	7350 (DRM)	9770
21.30-22.00	6030 (DRM)	7375
23.00-00.00	7220	9510 (DRM)

AFRICA

12.00-13.00 UT	17800	21470
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NORTH AMERICA (East Coast)

21.30-22.00 UT	7310	9430
01.00-02.00 UT	5990	7325

NORTH AMERICA (West Coast)

04.00-05.00 UT	6020	7410
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JAPAN

23.00-00.00 UT	7325	9620
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AUSTRALIA

06.30-07.00 UT	17780	21470
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INDIA

04.00-05.00 UT		
11705 (DRMsic, rather AM requested)		
17790 {sic, rather 11790 kHz instead} (DRM)		

(RRI Website via Paul Gager-AUT, wwdxc BC-DX TopNews Oct 18)

SAUDI ARABIA - 11860 {11859.963 kHz} OPPOSITION Target Radio. Radio Sana'a excile radio program via Jeddah {or Riyadh, wb.}, Nov 5, fair signal with Middle Eastern chanting with regional stringed instruments at 1315 UT, equal power and coming through mechanical jamming sound.

I have to admit, I am still not totally clear on this one, but gathering from lots of info at hand, believe this is the official government radio station of Yemen, but being transmitted from Jeddah in Saudi Arabia because the Yemeni govt no longer has adequate control over its national area in the face of a fierce resistance. The jamming is from anti-govt Yemeni rebels, with whom the Saudis have been waging border war for years now.
(Ralph Perry, Wheaton-IL-USA, NASWA Electronic Flashsheet #1073 Nov 6)

SPAIN - Radio Exterior de España, esquema B-22 (desar rollado).
<<https://aer.org.es/archivos/39903>>

Esquema de emisiones de Radio Exterior de España para el periodo B-22:

1500-2300 11685 ATL-S; 12030 OR-M, INDICO; 11940 AM-S; 9690 AM-N (S y D)
1600-2400 11685 ATL-S; 12030 OR-M, INDICO (L a V)
1900-2400 11940 AM-S; 9690 AM-N (L a V)
0000-0300 11940 AM-S, 9690 AM-N (M a S)

La emisiones son mayoritariamente en español, con fragmentos en ingles, frances, portugues, ruso y arabe, asi como judeo-español. Aparte, tiene emision las 24 horas del dia en la web:
<<https://www.rtve.es/>> y tambien en la TDT española de ambito nacional y satelites. (REE)

{X Wednesday, as in Xiercoles, (gh)}

Esquema desarrollado ordenado por horas:

UTC	QRG target	Idioma	Dias
0000-0030	9690 N-AM; 11940 S-AM	Portugues	L a V
0030-0300	9690 N-AM; 11940 S-AM	Español	L a V
1400-2230	9690 N-AM; 11685 O-AF,S-ATL; 11940 S-AM; 12030 OR-M	Español	D
1400-2300	9690 N-AM; 11685 O-AF,S-ATL; 11940 S-AM; 12030 OR-M	Español	S
1600-1730	11685 AF,S-ATL; 12030 OR-M	Español	L a V
1730-1800	11685 AF,S-ATL; 12030 OR-M	Arabe	L a V
1800-1830	12030 OR-M	Español	J
1800-1830	11685 O-AF,S-ATL	Portugues	L a V
1800-1830	12030 OR-M	Ruso	L, X y V
1800-1830	12030 OR-M	Sefardi	M
1830-1900	11685 O-AF,S-ATL; 12030 OR-M	Español	L a V
1900-2230	9690 N-AM; 11685 O-AF,S-ATL; 11940 S-AM; 12030 OR-M	Español	L a V
2230-2300	12030 OR-M	Arabe	L a V
2230-2300	9690 N-AM; 11685 O-AF,S-ATL; 11940 S-AM	Español	L a V
2230-2300	9690 N-AM; 11685 O-AF,S-ATL; 11940 S-AM; 12030 OR-M	Sefardi	D
2300-2330	9690 N-AM; 11685 O-AF,S-ATL; 11940 S-AM; 12030 OR-M	Ingles	L, X y V
2300-2400	9690 N-AM; 11685 O-AF,S-ATL; 11940 S-AM; 12030 OR-M	Español	M y J
2330-2400	9690 N-AM; 11685 O-AF,S-ATL; 11940 S-AM; 12030 OR-M	Frances	L, X y V

Esquema desarrollado por idiomas:

UTC	QRG Target	Idioma	Dias
1730-1800	11685 AF,S-ATL; 12030 OR-M	Arabe	L a V
2230-2300	12030 OR-M	Arabe	L a V
0030-0300	9690 N-AM; 11940 S-AM	Español	L a V
1400-2230	9690 N-AM; 11685 O-AF,S-ATL; 11940 S-AM; 12030 OR-M	Español	D
1400-2300	9690 N-AM; 11685 O-AF,S-ATL; 11940 S-AM; 12030 OR-M	Español	S
1600-1730	11685 AF,S-ATL; 12030 OR-M	Español	L a V
1800-1830	12030 OR-M	Español	J
1830-1900	11685 O-AF,N-ATL; 12030 OR-M	Español	L a V
1900-2230	9690 N-AM; 11685 O-AF,S-ATL;		

11940 S-AM; 12030 OR-M Español L a V
 2230-2300 9690 N-AM; 11685 O-AF,S-ATL; 11940 S-AM Español L a V
 2300-2400 9690 N-AM; 11685 O-AF,S-ATL;
 11940 S-AM; 12030 OR-M Español M y J
 2330-2400 9690 N-AM; 11685 O-AF,S-ATL;
 11940 S-AM; 12030 OR-M Frances L, X y V
 2300-2330 9690 N-AM; 11685 O-AF,S-ATL;
 11940 S-AM; 12030 OR-M Ingles L, X y V
 0000-0030 9690 N-AM; 11940 S-AM Portugues L a V
 1800-1830 11685 O-AF,S-ATL Portugues L a V
 1800-1830 12030 OR-M Ruso L, X y V
 1800-1830 12030 OR-M Sefardi M
 2230-2300 9690 N-AM; 11685 O-AF,S-ATL; 11940 S-AM; 12030 OR-M Sefardi D
 (AER foro DX Radio Exterior de España, esquema B-22 (desar rollado), via WOR Oct 7 / Oct 11)

REE Noblejas B-22 request schedule 301022-260323 season:

17755	1500	1900	46,47,52,57	NOB	200	161	0	212	1	7	E	REE
9690	1500	2300	4,6-11	NOB	200	290	0	212	1	7	E	REE
15390	1500	2300	38,39,47,48	NOB	200	110	0	212	1	7	E	REE
15500	1500	2300	38,39,47,48	NOB	200	110	0	212	1	7	E	REE
11940	1500	2400	12-16	NOB	200	230	0	218	1	7	E	REE
12030	1500	2400	38,39,47,48	NOB	200	110	0	218	1	7	E	REE
21620	1600	2000	46,47,52,57	NOB	200	161	0	212	1	7	E	REE
17715	1600	2400	12-16	NOB	200	230	0	218	1	7	E	REE
17855	1600	2400	4,6-11	NOB	200	290	0	218	1	7	E	REE
12030	1700	2400	38,39,47,48	NOB	200	110	0	218	23456		E	REE
9690	1900	0400	4,6-11	NOB	200	290	0	212	23456		E	REE
15390	1900	2300	38,39,47,48	NOB	200	110	0	212	23456		E	REE
15500	1900	2300	38,39,47,48	NOB	200	110	0	212	23456		E	REE
15110	2000	2400	4,7-11	NOB	200	302	12	218	1234567		E	REE
17715	2000	2400	12-16	NOB	200	230	0	218	23456		E	REE
17755	2000	2400	46,47,52,57	NOB	200	161	0	212	1234567		E	REE
17855	2000	2400	4,6-11	NOB	200	290	0	218	23456		E	REE
21620	2000	2400	46,47,52,57	NOB	200	161	0	212	23456		E	REE
11940	2200	0400	12-16	NOB	200	230	0	218	23456		E	REE

SRI LANKA - 11950 kHz SLBC - Trincomalee site at 0000 UT. The 0030 and 0200 UT SLBC services have been off-air for a while now. Jose Jacob tells me that TX #1 has issues that are affecting SLBC, some AWR channels and BBC Bangla 9410 kHz. However, AWR programs via TX #2 are being heard as usual, such as AWR Mandarin 0000 UT and Amoy 0100 UT, both noted at fair levels here at Mount Evelyn. I look forward to SLBC's return for their enjoyable music programming. Oct 16.

(Rob Wagner VK3BVW, Mount Evelyn-Vic-AUS; via NASWA Electronic Flashsheet #1070 Oct 16)

SLBC Trincomalee bcst center troubles - AWR broadcast on 9470 - I noticed Adventist World Radio program via Trincomalee, Sri Lanka, coming in well here at 1540-1558 UTC this morning Oct 24 on 9470 kHz. The program in Oriya/Odia to eastern India was not loud but very clear with overall good reception.

But the transmitter had trouble staying on the air, blinking off for a second or two at 1546, 1547, 1551, and 1552 UT. When it also went off at 1548 UT, it sounded like the signal was struggling to get back on, and it took 20 or 30 seconds before it returned. I remember this relay site had transmitter troubles in 2020, but I can't remember if any of the transmitters were actually replaced back then.

(Eric Fetters-Walp, Lake Stevens, Washington WOR Oct 25)

9470even SLBC Trincomalee checked AWR program in Oriya on Saturday Oct 29 at 15.35 UT, S=9+15dB signal noted in Perseus SDR at Doha Qatar remotely, clear audio quality though.

(wb df5sx, wwdxc BC-DX TopNews and hcdx Oct 29)

TAIWAN - 7200 kHz KOREAn OPPOSITION. National Unity Broadcasting Station via Danshui, Taiwan heard at 1225 UT on Oct 10. a woman speaking (perhaps lecturing) in Korean. Mostly fair with some noise.

(Bob Brossell, Pewaukee-WI-USA, NASWA Electronic Flashsheet #1070 Oct 16)

9670 kHz R. Dap Loi Song Nui - Paochung. S/on 1230 UT, full ID in Vietnamese with background music. Viet

government siren jamming started up at 1231 UT, but Dap Loi still cut through quite clearly with a good signal. Oct 15. (Rob Wagner VK3BVW, Mount Evelyn-Vic-AUS; via NASWA Electronic Flashsheet #1070 Oct 16)

9670 kHz VIETNAMESE OPPOSITION. Radio Dap Loi Song Nui (DLSN) / Vietnam Democracy Radio via Paochung, on Oct 15. good power but losing today to Hanoi-VTN howling siren jammer. At 1241 UT check, bassy OM reading news and commentary in Vietnamese.
(Ralph Perry, Wheaton-IL-USA, NASWA Electronic Flashsheet #1070 Oct 16)

THAILAND - 13750 kHz Voice of Thailand, from Udon Thani Ban Dung bcst center, *2359-0029* UT on Nov 3, open carrier noted before opening of English language program with several station ID, opening announcements and a woman announcer beginning the news program. Poor and not nearly as reliable as the 15 MHz channel had been before the seasonal change.
(Rich D'Angelo-PA-USA, via NASWA Electronic Flashsheet #1073 Nov 6)

13750 kHz Radio Thailand via Ban Dung, Udon Thani, Nov 4, good signal with Thai service at 0050 UT tune in. Surprised to hear this one so well at this time. Playing funky Thai nightclub style music, YL vocalist with band. Sked here daily 0030-0100 UT. 0054 UT sweet-voiced YL in Thai with anmts over keyboard mx, then OM. Recorded spot next. 0054 UT YL studio ancr "sawadee khrap" and then into a news round-up to end bcst.

Plug pulled abruptly at -0059* UT. This service sounds nothing like the Radio Thailand World Service / Voice of Thailand. More like a domestic service in Thai for regional coverage.
(Ralph Perry, Wheaton-IL-USA, NASWA Electronic Flashsheet #1073 Nov 6)

TURKEY - Alan Holder advised new additional TRT hfcc.org changes like
 9840 09:00-09:30 Georgian (ex 11:00-12:00 - B21 season) 30 minute cutback
 6120 18:30-22:00 Turkish (ex 17:00-22:00 - B21 season)
 11970 12:30-13:00 Italian (ex 15:00-15:30 on 7255 - B21 season)
 17715 11:00-12:00 French (ex 20:30-21:30 on 5970 - B21 season)
 17770 09:00-09:30 Turkmen (ex 13:00-13:30 on 11965 - B21 season)
 (Alan Holder, G4ZBH, Isle of Wight, U.K., WOR Oct 27)

UNITED KINGDOM - 15510 kHz FEBA Radio Sama (IBRA Media) via ENC Woofferton, Oct 11. signal blasting it out like a local at 1745 UT check. OM tlks in Tigrinya or Fulfulde and some very engaging local North African mx on stringed instruments and repetitive chant by old dudes. 1756 UT OM chattering away in lang over stringed inst plucking. 1259 UT more mx and OM with contact info including address "@ radiosama.net". Theme mx at TOH and discussion pgm starts with several friendly men. At 1830 UT, seemed to switch langs into an Arabic pgm. <<https://www.radiosama.net/>>
(Ralph Perry, Wheaton-IL-USA, NASWA Electronic Flashsheet #1070 Oct 16)

U.S.A. - 9940 kHz Oct 25 at 2016 UT, WTWW is on with rock in English, S=9+40 at 2125 UT WTWW singing ID, "Voice of Freedom, WTWW 9940" and "a song from the Ukrainian Top 50", but Ted doesn't name or translate it nor cite the number. Is there a specific sked for "V of Freedom"? From homepage wtww.us

"We are broadcasting to Ukraine on 9940 kHz. From 1pmCDT to 6pm (or later) [18-23+ UT] Listen to our Direct Feed to 9940 kHz here: Click the picture to listen (= <https://wtww.us/pages/listen-live/tx4.php>)"
(gh, hcdx and WOR Oct 27)

Dear Clients, Listeners and Friends:
 At 1900 UTC today (October 13), WRMI's frequency of 15770 kHz was back on the air, finally, after Hurricane Ian had severely damaged the transmission lines between this transmitter and antenna. We have been broadcasting much of the normal 15770 kHz programming on other WRMI frequencies since the hurricane, but everything is now back on 15770 kHz again.

Next week, we will be working on getting 21525, 5850, 7570 and 7730 kHz back on the air. We are already broadcasting on our other frequencies of 5010, 5800, 5950, 7730, 9395, 9455, 9955 and now 15770 kHz.

We want to thank dozens of WRMI listeners, clients and supporters around the world who have donated to our hurricane restoration fund to get all of our frequencies back on the air as soon as possible after the strong winds of Hurricane Ian did extensive damage to our antennas and transmission lines.

We greatly appreciate their contributions and the dedication of our staff who have been working continuously to restore everything back to normality

Jeff White, General Manager
 WRMI Radio Miami International
 10400 NW 240th Street
 Okeechobee, Florida 34972, USA, North America.

Tel +1-305-559-9764
 Fax +1-863-467-0185
 <<http://www.wrmi.net>> Oct 10

WRMI UPDATE: Due to the damage caused by Hurricane Ian, our Radio Africa Network service from Okeechobee, Florida has been transferred to a different frequency. The new frequency effective immediately is 17790 kHz, in 16-meter band. The Radio Africa Network continues to broadcast from Okeechobee, Florida, and we have been receiving reports that this new frequency is coming in loud and clear throughout Africa ... praise God! (Ron Howard-CA-USA, wor and via wwdxc BC-DX TopNews Oct 26)

UZBEKISTAN - 11510 kHz OPPOSITION Radio. Radio Free North Korea via RRTM Telecom Tashkent Uzbekistan Shortwave Transmitting bcast center. Oct 20, poorish signal with tuning signal 1257 UT, silent o/c 1258 UT to pgm s/on at *1300- UT with a few beats of mx then somber OM in Korean over mx down below. 1301 UT acoustic guitar played, OM introduces YL who greets listeners (annyeong haseo) and reads nx. Signal improving by 1308 UT as OM continues to read commentary in Korean over orchl mood mx. Perhaps engineers fiddling around with xmtr? (Ralph Perry, Wheaton-IL-USA, NASWA Electronic Flashsheet #1071 Oct 23)

Editor's info desk was closed for this edition at 11:00 hours UTC on November 13th, 2022.

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 at contribution.

Abbreviations:

with name of station:

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

Location of transmitters with frequency:

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

Mostly within round brackets target areas as known:

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

Languages:

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

Technical hint with frequency (QRG):

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

Editor:

Walter Eibl (we)
Email: <we@wwdx.de> or <we@kwrs.de>

Used equipment:

Receiver: ICOM IC-R70 communications receiver (no modification)
Antennas: Hamtronic HT504 selective active antenna, in roof window ca. 15 m above ground
Situation: Herzogenaurach / Germany; 49.567/10.917; 310 m NN
mostly monitoring via WORLD WIDE WEB.

RADIO HISTORY

UNITED KINGDOM "The Home of Radio, the story of 90-year-old BBC Broadcasting House"

On The Radio. 11 October 2022. - The first live radio programmes from BBC Broadcasting House in London were in 1932.

Broadcasting House was the BBC's first purpose-built home for radio broadcasting, and now in it's 90th year, BBC Radio 4 Extra is to air a special programme about the iconic building, which was first broadcast by Radio 4 in 2006.

Designed by G Val Myer and Raymond McGrath, the building has 9 floors above ground and 3 below. It was officially opened by Her Majesty Queen Mary in 1932 and the first programme broadcast from it was Henry Hall and his Dance Band.

His Majesty King George V gave the first royal Christmas message from Broadcasting House the same year, and Sir Winston Churchill's 'fight them on the beaches' speech was broadcast from it in 1940. Many programmes have been made from within its walls, which even withstood bombing in World War 2.

Women's Hour Today and Radio's 1, 2, 3 and 4 were all launched from Broadcasting House.

The current form of the greater W1 Broadcasting House development began in 2003, and now houses the BBC News department and the TV studio where The One Show is made.

In 2006, David Hatch, whose career spanned from Light Entertainment Producer to Managing Director of Radio, took a guided tour of Broadcasting House, resulting in a programme which reveals its extraordinary history and significance. He spends an hour reflecting on the talent that worked there, from George Orwell to Spike Milligan.

<<https://ontheradio.co.uk/2022/10/the-home-of-radio-the-story-of-90-year-old-bbc-broadcasting-house/>>
(via Mike Terry-UK, BrDXC-UK iogroups Oct 12)


B22 Schedule of BBC (according to HFCC registrations - by Walter Eibl)

Freq.	Start UTC	Stop UTC	CIRAF	Broad- caster	FMO	Lang uage	Transmitter	Latitude	Longi- tude	Beam	Power (kW)	Days	Notes
5875	0000	0100	41,42SW	BBC WS	ENC	Eng	Erevan	40N10	044E30	100	300	1234567	ENASS
5980	0000	0100	41,42SW	BBC WS	ENC	Eng	A'Seela	21N58	059E27	63	250	1234567	ENASS
9560	0000	0030	49NW	BBC WS	ENC	Mya	Kranji (Merlin)	01N25	103E44	340	125	1234567	BURMA
12095	0000	0030	49NW	BBC WS	ENC	Mya	Kranji (Merlin)	01N25	103E44	340	250	1234567	BURMA
17800	0000	0030	49NW	BBC WS	ENC	Mya	Tinang 1	15N21	120E37	283	250	1234567	BURMA
5930	0030	0100	40E,41NW	BBC WS	ENC	Prs	S. Maria di Galeria	42N03	012E19	84	250	1234567	DARIA
7445	0030	0100	40E,41NW	BBC WS	ENC	Prs	Woofferton	52N19	002W43	86	250	1234567	DARIA
5930	0100	0130	40E,41NW	BBC WS	ENC	Pus	S. Maria di Galeria	42N03	012E19	84	250	1234567	PASHA
5945	0100	0130	40E,41NW	BBC WS	ENC	Pus	A'Seela	21N58	059E27	35	250	1234567	PASHA
5980	0100	0200	41,42SW	BBC WS	ENC	Eng	A'Seela	21N58	059E27	63	250	1234567	ENASS
7445	0100	0130	40E,41NW	BBC WS	ENC	Pus	Woofferton	52N19	002W43	86	250	1234567	PASHA
15310	0100	0200	41,42SW	BBC WS	ENC	Eng	Kranji (Merlin)	01N25	103E44	315	125	1234567	ENASS
5930	0130	0200	40E,41NW	BBC WS	ENC	Prs	S. Maria di Galeria	42N03	012E19	84	250	1234567	DARIA
5945	0130	0200	40E,41NW	BBC WS	ENC	Prs	A'Seela	21N58	059E27	35	250	1234567	DARIA
7445	0130	0200	40E,41NW	BBC WS	ENC	Prs	Woofferton	52N19	002W43	86	250	1234567	DARIA
5875	0200	0230	40E,41NW	BBC WS	ENC	Pus	Erevan	40N10	044E30	100	300	1234567	PASHA
6195	0200	0230	40E,41NW	BBC WS	ENC	Pus	A'Seela	21N58	059E27	35	250	1234567	PASHA
7445	0200	0230	40E,41NW	BBC WS	ENC	Pus	A'Seela	21N58	059E27	35	250	1234567	PASHA
5875	0230	0300	40E,41NW	BBC WS	ENC	Prs	Erevan	40N10	044E30	100	300	1234567	DARIA
5930	0230	0330	40	BBC WS	ENC	Fas	Dhabayya	24N11	054E14	35	250	1234567	FARSA
6095	0230	0330	40	BBC WS	ENC	Fas	Woofferton	52N19	002W43	90	250	1234567	FARSA
6195	0230	0300	40E,41NW	BBC WS	ENC	Prs	A'Seela	21N58	059E27	35	250	1234567	DARIA
7360	0230	0330	40	BBC WS	ENC	Fas	S. Maria di Galeria	42N03	012E19	86	250	1234567	FARSA
7445	0230	0300	40E,41NW	BBC WS	ENC	Prs	A'Seela	21N58	059E27	35	250	1234567	DARIA
9880	0230	0330	40	BBC WS	ENC	Fas	Tashkent	41N19	069E17	236	100	1234567	FARSA
7285	0300	0400	30S,39NE,40	BBC WS	ENC	Eng	A'Seela	21N58	059E27	320	250	1234567	ENEUM
7425	0300	0400	47E,48NW	BBC WS	ENC	Ara	Woofferton	52N19	002W43	140	250	1234567	ARABA_NE_AF
9410	0300	0330	40E,41NW	BBC WS	ENC	Pus	Dhabayya	24N11	054E14	45	250	1234567	PASHA
9840	0300	0500	47E,48NW	BBC WS	ENC	Ara	Dhabayya	24N11	054E14	255	250	1234567	ARABA_NE_AF
11870	0300	0330	40E,41NW	BBC WS	ENC	Pus	Erevan	40N10	044E30	100	300	1234567	PASHA
12010	0300	0330	40E,41NW	BBC WS	ENC	Pus	Dhabayya	24N11	054E14	45	250	1234567	PASHA
12095	0300	0400	30S,39NE,40	BBC WS	ENC	Eng	A'Seela	21N58	059E27	10	250	1234567	ENEUM
7210	0330	0430	40	BBC WS	ENC	Fas	Dhabayya	24N11	054E14	35	250	1234567	FARSA
9410	0330	0430	40	BBC WS	ENC	Fas	Tashkent	41N19	069E17	236	100	1234567	FARSA
12015	0330	0430	40	BBC WS	ENC	Fas	A'Seela	21N58	059E27	335	250	1234567	FARSA
9915	0400	0500	48SW,53NW	BBC WS	ENC	Eng	Madagascar	18S48	047E36	315	250	1234567	ENAFE_EAST
12095	0400	0500	30S,39NE,40	BBC WS	ENC	Eng	A'Seela	21N58	059E27	320	250	1234567	ENEUM
13790	0400	0430	48	BBC WS	ENC	Som	Dhabayya	24N11	054E14	225	250	1234567	SOMLA
13815	0400	0500	30S,39NE,40	BBC WS	ENC	Eng	A'Seela	21N58	059E27	10	250	1234567	ENEUM
15420	0400	0430	48	BBC WS	ENC	Som	Madagascar	18S48	047E36	0	250	1234567	SOMLA
9410	0430	0530	40	BBC WS	ENC	Fas	Dhabayya	24N11	054E14	35	250	1234567	FARSA
13750	0430	0530	40	BBC WS	ENC	Fas	A'Seela	21N58	059E27	335	250	1234567	FARSA
15225	0430	0530	40	BBC WS	ENC	Fas	Tashkent	41N19	069E17	236	100	1234567	FARSA
6005	0500	0600	46	BBC WS	ENC	Eng	S. Maria di Galeria	42N03	012E19	195	250	1234567	ENAFW_WEST
6195	0500	0600	47SW,52	BBC WS	ENC	Eng	Ascension	07S54	014W23	65	125	1234567	ENAFW_CENTRA
7285	0500	0600	46	BBC WS	ENC	Eng	Ascension	07S54	014W23	27	125	1234567	ENAFW_WEST
15335	0500	0600	47E,48NW	BBC WS	ENC	Ara	Dhabayya	24N11	054E14	255	250	1234567	ARABA_NE_AF
15400	0500	0600	52SE,53SW,57N	BBC WS	ENC	Eng	Madagascar	18S48	047E36	265	250	1234567	ENAFE_SOUTH
17690	0500	0600	48SW,53NW	BBC WS	ENC	Eng	Dhabayya	24N11	054E14	215	250	1234567	ENAFE_EAST
17760	0500	0600	48SW,53NW	BBC WS	ENC	Kin	Dhabayya	24N11	054E14	225	250	7	KRWNA
17830	0500	0600	48SW,53NW	BBC WS	ENC	Kin	Erevan	40N10	044E30	192	300	7	KRWNA
5975	0529	0600	46SE	BBC WS	ENC	Hau	Woofferton	52N19	002W43	160	125	1234567	HAUSA
6135	0529	0600	46SE	BBC WS	ENC	Hau	Ascension	07S54	014W23	65	125	1234567	HAUSA
7305	0529	0600	46SE	BBC WS	ENC	Hau	Ascension	07S54	014W23	55	125	1234567	HAUSA
17760	0529	0600	48SW,53NW	BBC WS	ENC	Kin	Dhabayya	24N11	054E14	225	250	1	KRWNA
17830	0529	0600	48SW,53NW	BBC WS	ENC	Kin	Erevan	40N10	044E30	192	300	1	KRWNA
3955	0559	0700	27SE,28NW	BBC WS	ENC	Eng	Woofferton	52N19	002W43	114	100	1234567	DRM_EUROPE
6135	0600	0629	37	BBC WS	ENC	Fra	S. Maria di Galeria	42N03	012E19	234	250	1234567	FRENA_NORTH
7265	0600	0629	37	BBC WS	ENC	Fra	Woofferton	52N19	002W43	170	250	1234567	FRENA_NORTH
7285	0600	0700	46	BBC WS	ENC	Eng	Sao Tome	00N18	006E42	335	100	1234567	ENAFW_WEST
7305	0600	0629	46	BBC WS	ENC	Fra	Ascension	07S54	014W23	27	250	1234567	FRENA_WEST
9410	0600	0700	46	BBC WS	ENC	Eng	Ascension	07S54	014W23	27	125	1234567	ENAFW_WEST


11830	0600	0700	47SW,52	BBC WS	ENC	Eng	Ascension	07S54	014W23	65	125	1234567	ENAFW_CENTRA
12095	0600	0629	47S,52N,52SE	BBC WS	ENC	Fra	Ascension	07S54	014W23	70	250	1234567	FRENA_CENTRA
13865	0600	0700	52SE,53SW,57N	BBC WS	ENC	Eng	Sao Tome	00N18	006E42	138	100	1234567	ENAFE_SOUTH
15490	0600	0700	47SW,52	BBC WS	ENC	Eng	S. Maria di Galeria	42N03	012E19	175	250	1234567	ENAFW_CENTRA
17640	0600	0800	52SE,53SW,57N	BBC WS	ENC	Eng	Madagascar	18S48	047E36	265	250	1234567	ENAFE_SOUTH
17690	0600	0800	48SW,53NW	BBC WS	ENC	Eng	Dhabayya	24N11	054E14	220	250	1234567	ENAFE_EAST
17760	0600	0700	47E,48NW	BBC WS	ENC	Ara	A'Seela	21N58	059E27	260	250	1234567	ARABA_NE_AF
7305	0629	0700	46SE	BBC WS	ENC	Hau	Ascension	07S54	014W23	65	250	1234567	HAUSA
9440	0629	0700	46SE	BBC WS	ENC	Hau	Ascension	07S54	014W23	55	250	1234567	HAUSA
12095	0629	0700	46SE	BBC WS	ENC	Hau	S. Maria di Galeria	42N03	012E19	189	250	1234567	HAUSA
9410	0700	0800	46	BBC WS	ENC	Eng	Sao Tome	00N18	006E42	335	100	1234567	ENAFW_WEST
11660	0700	0729	46	BBC WS	ENC	Fra	Ascension	07S54	014W23	27	250	1234567	FRENA_WEST
11830	0700	0800	47SW,52	BBC WS	ENC	Eng	Ascension	07S54	014W23	85	125	1234567	ENAFW_CENTRA
12095	0700	0800	46	BBC WS	ENC	Eng	Ascension	07S54	014W23	27	125	1234567	ENAFW_WEST
15400	0700	0800	52SE,53SW,57N	BBC WS	ENC	Eng	Sao Tome	00N18	006E42	138	100	1234567	ENAFE_SOUTH
17830	0700	0800	47SW,52	BBC WS	ENC	Eng	S. Maria di Galeria	42N03	012E19	170	100	1234567	ENAFW_CENTRA
21630	0700	0729	47S,52N,52SE	BBC WS	ENC	Fra	S. Maria di Galeria	42N03	012E19	170	250	1234567	FRENA_CENTRAL
17720	0759	0900	41	BBC WS	ENC	Eng	Kranji (Merlin)	01N25	103E44	315	100	1234567	DRM_ASIA
15310	0830	0900	40E,41NW	BBC WS	ENC	Prs	A'Seela	21N58	059E27	35	250	1234567	DARIA
17810	0830	0900	40E,41NW	BBC WS	ENC	Prs	A'Seela	21N58	059E27	35	250	1234567	DARIA
15310	0900	0930	40E,41NW	BBC WS	ENC	Pus	A'Seela	21N58	059E27	35	250	1234567	PASHA
17810	0900	0930	40E,41NW	BBC WS	ENC	Pus	A'Seela	21N58	059E27	35	250	1234567	PASHA
15310	0930	1000	40E,41NW	BBC WS	ENC	Prs	A'Seela	21N58	059E27	35	250	1234567	DARIA
17810	0930	1000	40E,41NW	BBC WS	ENC	Prs	A'Seela	21N58	059E27	35	250	1234567	DARIA
6195	1000	1200	49W	BBC WS	ENC	Eng	Kranji (Merlin)	01N25	103E44	0	125	1234567	ENASE_WEST
6195	1000	1200	51W,54	BBC WS	ENC	Eng	Kranji (Merlin)	01N25	103E44	90	125	1234567	ENASE_SOUTH
9580	1000	1200	43SE,44SW,49E	BBC WS	ENC	Eng	Kranji (Merlin)	01N25	103E44	13	125	1234567	ENASE_EAST
9580	1000	1200	51W,54	BBC WS	ENC	Eng	Kranji (Merlin)	01N25	103E44	135	125	1234567	ENASE_SOUTH
11735	1000	1100	51W,54	BBC WS	ENC	Eng	Kranji (Merlin)	01N25	103E44	90	250	1234567	ENASE_SOUTH
11945	1000	1200	49W	BBC WS	ENC	Eng	Kranji (Merlin)	01N25	103E44	340	125	1234567	ENASE_WEST
15310	1000	1030	40E,41NW	BBC WS	ENC	Pus	A'Seela	21N58	059E27	35	250	1234567	PASHA
17810	1000	1030	40E,41NW	BBC WS	ENC	Pus	A'Seela	21N58	059E27	35	250	1234567	PASHA
15310	1030	1100	40E,41NW	BBC WS	ENC	Prs	A'Seela	21N58	059E27	35	250	1234567	DARIA
17810	1030	1100	40E,41NW	BBC WS	ENC	Prs	A'Seela	21N58	059E27	35	250	1234567	DARIA
15310	1100	1130	40E,41NW	BBC WS	ENC	Pus	A'Seela	21N58	059E27	35	250	1234567	PASHA
17745	1100	1130	48	BBC WS	ENC	Som	Dhabayya	24N11	054E14	205	250	1234567	SOMLA
17810	1100	1130	40E,41NW	BBC WS	ENC	Pus	A'Seela	21N58	059E27	35	250	1234567	PASHA
21660	1100	1130	48	BBC WS	ENC	Som	Madagascar	18S48	047E36	350	250	1234567	SOMLA
15420	1130	1700	48	BBC WS	ENC	Som	Dhabayya	24N11	054E14	225	250	7	SOMLA
17745	1130	1700	48	BBC WS	ENC	Som	Dhabayya	24N11	054E14	225	250	7	SOMLA
17780	1130	1700	46SE	BBC WS	ENC	Hau	Ascension	07S54	014W23	65	250	7	HAUSA
21560	1130	1700	46SE	BBC WS	ENC	Hau	Ascension	07S54	014W23	65	250	7	HAUSA
21660	1130	1700	48	BBC WS	ENC	Som	Woofferton	52N19	002W43	120	250	7	SOMLA
11850	1200	1300	43E,44	BBC WS	ENC	Eng	Kranji (Merlin)	01N25	103E44	13	125	1234567	ENASE_FE
12065	1200	1300	41,42SW	BBC WS	ENC	Eng	A'Seela	21N58	059E27	63	250	1234567	ENASS
15310	1200	1300	41,42SW	BBC WS	ENC	Eng	A'Seela	21N58	059E27	80	250	1234567	ENASS
15420	1200	1500	48	BBC WS	ENC	Som	Madagascar	18S48	047E36	0	250	7	SOMLA
17640	1200	1230	46	BBC WS	ENC	Fra	Ascension	07S54	014W23	27	250	1234567	FRENA_WEST
21500	1200	1230	37	BBC WS	ENC	Fra	Woofferton	52N19	002W43	170	250	1234567	FRENA_NORTH
21560	1200	1500	46SE	BBC WS	ENC	Hau	Ascension	07S54	014W23	65	250	7	HAUSA
21630	1200	1230	47S,52N,52SE	BBC WS	ENC	Fra	Ascension	07S54	014W23	70	250	1234567	FRENA_CENTRAL
21660	1200	1500	48	BBC WS	ENC	Som	S. Maria di Galeria	42N03	012E19	130	250	7	SOMLA
9410	1300	1400	41,42SW	BBC WS	ENC	Eng	A'Seela	21N58	059E27	63	250	1234567	ENASS
12065	1300	1400	41,42SW	BBC WS	ENC	Eng	Kranji (Merlin)	01N25	103E44	320	250	1234567	ENASS
7485	1330	1400	49NW	BBC WS	ENC	Mya	Kranji (Merlin)	01N25	103E44	340	250	1234567	BURMA
9510	1330	1400	41NE	BBC WS	ENC	Ben	Kranji (Merlin)	01N25	103E44	320	250	1234567	BENGA
9560	1330	1400	49NW	BBC WS	ENC	Mya	Tinang 1	15N21	120E37	283	250	1234567	BURMA
9900	1330	1400	41NE	BBC WS	ENC	Ben	Tashkent	41N19	069E17	131	100	1234567	BENGA
11750	1330	1400	41NE	BBC WS	ENC	Ben	A'Seela	21N58	059E27	80	125	1234567	BENGA
11995	1330	1400	49NW	BBC WS	ENC	Mya	Kranji (Merlin)	01N25	103E44	340	125	1234567	BURMA
5975	1400	1500	40E,41NW	BBC WS	ENC	Prs	A'Seela	21N58	059E27	35	250	1234567	DARIA
11640	1400	1430	46SE	BBC WS	ENC	Hau	Sao Tome	00N18	006E42	20	100	23456	HAUSA
11725	1400	1500	40E,41NW	BBC WS	ENC	Prs	A'Seela	21N58	059E27	35	250	1234567	DARIA
11995	1400	1500	40E,41NW	BBC WS	ENC	Prs	Kranji (Merlin)	01N25	103E44	315	250	1234567	DARIA
12095	1400	1500	48	BBC WS	ENC	Som	Madagascar	18S48	047E36	0	250	123456	SOMLA

15420	1400	1500	48	BBC WS	ENC	Som	Dhabayya	24N11	054E14	225	250	123456	SOMLA
21560	1400	1430	46SE	BBC WS	ENC	Hau	Ascension	07S54	014W23	55	125	23456	HAUSA
21630	1400	1430	46SE	BBC WS	ENC	Hau	Dhabayya	24N11	054E14	260	250	23456	HAUSA
21660	1400	1500	48	BBC WS	ENC	Som	S. Maria di Galeria	42N03	012E19	130	250	123456	SOMLA
5875	1500	1600	40	BBC WS	ENC	Fas	Tashkent	41N19	069E17	236	100	1234567	FARSA
5975	1500	1600	40E,41NW	BBC WS	ENC	Pus	A'Seela	21N58	059E27	35	250	1234567	PASHA
6195	1500	1600	40	BBC WS	ENC	Fas	A'Seela	21N58	059E27	335	250	1234567	FARSA
9410	1500	1600	48SW,53NW	BBC WS	ENC	Eng	A'Seela	21N58	059E27	225	250	1234567	ENAFE_EAST
11995	1500	1600	40E,41NW	BBC WS	ENC	Pus	Kranji (Merlin)	01N25	103E44	315	250	1234567	PASHA
12065	1500	1700	30S,39NE,40	BBC WS	ENC	Eng	Kranji (Merlin)	01N25	103E44	315	250	1234567	ENEUM
5845	1530	1830	44NE	BBC WS	ENC	Kor	Tinang 1	15N21	120E37	21	250	1234567	KOREA
5895	1530	1830	44NE	BBC WS	ENC	Kor	Duchanbe	38N40	068E50	72	250	1234567	KOREA
12095	1530	1830	44NE	BBC WS	ENC	Kor	Kranji (Merlin)	01N25	103E44	25	250	1234567	KOREA
5875	1600	1700	40	BBC WS	ENC	Fas	Sofia	42N40	023E20	100	250	1234567	FARSA
5975	1600	1630	40E,41NW	BBC WS	ENC	Prs	A'Seela	21N58	059E27	35	250	1234567	DARIA
6195	1600	1700	40	BBC WS	ENC	Fas	A'Seela	21N58	059E27	335	250	1234567	FARSA
7445	1600	2000	48SW,53NW	BBC WS	ENC	Eng	Madagascar	18S48	047E36	320	250	1234567	ENAFE_EAST
11995	1600	1630	40E,41NW	BBC WS	ENC	Prs	Kranji (Merlin)	01N25	103E44	315	250	1234567	DARIA
17640	1600	1700	52SE,53SW,57N	BBC WS	ENC	Eng	Ascension	07S54	014W23	115	125	1234567	ENAFE_SOUTH
17830	1600	1700	47SW,52	BBC WS	ENC	Eng	Woofferton	52N19	002W43	158	250	1234567	ENAFW_CENTRAL
21630	1600	1700	52SE,53SW,57N	BBC WS	ENC	Eng	Ascension	07S54	014W23	114	125	1234567	ENAFE_SOUTH
5975	1630	1700	40E,41NW	BBC WS	ENC	Prs	A'Seela	21N58	059E27	35	250	17	DARIA
5975	1630	1700	40E,41NW	BBC WS	ENC	Pus	A'Seela	21N58	059E27	35	250	23456	PASHA
7265	1630	1700	41NE	BBC WS	ENC	Ben	A'Seela	21N58	059E27	80	125	1234567	BENGA
9585	1630	1700	41NE	BBC WS	ENC	Ben	Kranji (Merlin)	01N25	103E44	320	250	1234567	BENGA
9820	1630	1700	48SW,53NW	BBC WS	ENC	Kin	Dhabayya	24N11	054E14	225	250	23456	KRWNA
11995	1630	1700	40E,41NW	BBC WS	ENC	Pus	Kranji (Merlin)	01N25	103E44	315	250	23456	PASHA
11995	1630	1700	40E,41NW	BBC WS	ENC	Prs	Kranji (Merlin)	01N25	103E44	315	250	17	DARIA
15420	1630	1700	48SW,53NW	BBC WS	ENC	Kin	Madagascar	18S48	047E36	315	125	23456	KRWNA
5875	1700	1800	40E,41NW	BBC WS	ENC	Prs	Erevan	40N10	044E30	100	300	1234567	DARIA
6090	1700	1800	40E,41NW	BBC WS	ENC	Prs	A'Seela	21N58	059E27	35	250	1234567	DARIA
6195	1700	1900	30S,39NE,40	BBC WS	ENC	Eng	A'Seela	21N58	059E27	320	250	1234567	ENEUM
7265	1700	2000	52SE,53SW,57N	BBC WS	ENC	Eng	Madagascar	18S48	047E36	265	125	1234567	ENAFE_SOUTH
9465	1700	2000	48	BBC WS	ENC	Som	Dhabayya	24N11	054E14	225	250	7	SOMLA
9585	1700	1900	47E,48NW	BBC WS	ENC	Ara	Dhabayya	24N11	054E14	255	250	1234567	ARABA_NE_AF
11735	1700	1800	40E,41NW	BBC WS	ENC	Prs	Kranji (Merlin)	01N25	103E44	315	250	1234567	DARIA
11830	1700	2000	48	BBC WS	ENC	Som	Woofferton	52N19	002W43	122	250	7	SOMLA
12065	1700	1900	30S,39NE,40	BBC WS	ENC	Eng	Kranji (Merlin)	01N25	103E44	315	250	1234567	ENEUM
15400	1700	1800	46	BBC WS	ENC	Eng	Ascension	07S54	014W23	65	125	1234567	ENAFW_WEST
15685	1700	1930	46SE	BBC WS	ENC	Hau	Ascension	07S54	014W23	65	250	7	HAUSA
17780	1700	1800	46	BBC WS	ENC	Eng	Ascension	07S54	014W23	27	125	1234567	ENAFW_WEST
17830	1700	1800	47SW,52	BBC WS	ENC	Eng	Ascension	07S54	014W23	85	125	1234567	ENAFW_CENTRAL
6180	1730	1830	40	BBC WS	ENC	Fas	Sofia	42N40	023E20	100	250	1234567	FARSA
11830	1730	1750	48	BBC WS	ENC	Amh	S. Maria di Galeria	42N03	012E19	130	250	23456	AMHAR
11895	1730	1750	48	BBC WS	ENC	Amh	A'Seela	21N58	059E27	240	125	23456	AMHAR
15685	1730	1750	48	BBC WS	ENC	Amh	Dhabayya	24N11	054E14	230	250	23456	AMHAR
11830	1750	1810	48	BBC WS	ENC	Orm	S. Maria di Galeria	42N03	012E19	130	250	23456	OROMO
11895	1750	1810	48	BBC WS	ENC	Orm	A'Seela	21N58	059E27	240	125	23456	OROMO
15685	1750	1810	48	BBC WS	ENC	Orm	Dhabayya	24N11	054E14	230	250	23456	OROMO
5875	1800	1900	40E,41NW	BBC WS	ENC	Pus	Erevan	40N10	044E30	100	300	1234567	PASHA
5990	1800	1830	37	BBC WS	ENC	Fra	S. Maria di Galeria	42N03	012E19	235	100	1234567	FRENA_NORTH
6090	1800	1900	40E,41NW	BBC WS	ENC	Pus	A'Seela	21N58	059E27	35	250	1234567	PASHA
9410	1800	2000	48SW,53NW	BBC WS	ENC	Eng	Dhabayya	24N11	054E14	225	250	1234567	ENAFE_EAST
9465	1800	1900	48	BBC WS	ENC	Som	A'Seela	21N58	059E27	225	250	7	SOMLA
9750	1800	1830	53S	BBC WS	ENC	Fra	S. Maria di Galeria	42N03	012E19	146	250	1234567	FRENA_SOUTH
11660	1800	1830	47S,52N,52SE	BBC WS	ENC	Fra	Sofia	42N40	023E20	180	250	1234567	FRENA_CENTRAL
11735	1800	1900	40E,41NW	BBC WS	ENC	Pus	Kranji (Merlin)	01N25	103E44	315	250	1234567	PASHA
11810	1800	1900	47SW,52	BBC WS	ENC	Eng	Ascension	07S54	014W23	85	125	1234567	ENAFW_CENTRAL
13790	1800	1830	46	BBC WS	ENC	Fra	S. Maria di Galeria	42N03	012E19	210	250	1234567	FRENA_WEST
15400	1800	1900	46	BBC WS	ENC	Eng	Ascension	07S54	014W23	27	125	1234567	ENAFW_WEST
15490	1800	1830	46	BBC WS	ENC	Fra	Ascension	07S54	014W23	27	250	1234567	FRENA_WEST
17780	1800	1900	46	BBC WS	ENC	Eng	Ascension	07S54	014W23	65	125	1234567	ENAFW_WEST
11830	1810	1830	48	BBC WS	ENC	Tir	S. Maria di Galeria	42N03	012E19	130	250	23456	TGRYA
11895	1810	1830	48	BBC WS	ENC	Tir	A'Seela	21N58	059E27	240	125	23456	TGRYA
15685	1810	1830	48	BBC WS	ENC	Tir	Dhabayya	24N11	054E14	230	250	23456	TGRYA

6140	1830	1930	40	BBC WS	ENC	Fas	Sofia	42N40	023E20	100	250	1234567	FARSA
9705	1830	1850	48	BBC WS	ENC	Amh	S. Maria di Galeria	42N03	012E19	130	250	23456	AMHAR
11895	1830	1850	48	BBC WS	ENC	Amh	A'Seela	21N58	059E27	240	125	23456	AMHAR
9705	1850	1910	48	BBC WS	ENC	Orm	S. Maria di Galeria	42N03	012E19	130	250	23456	OROMO
11895	1850	1910	48	BBC WS	ENC	Orm	A'Seela	21N58	059E27	240	125	23456	OROMO
6150	1900	2000	47E,48NW	BBC WS	ENC	Ara	Dhabayya	24N11	054E14	255	250	1234567	ARABA_NE_AF
9585	1900	2000	52SE,53SW,57N	BBC WS	ENC	Eng	Sao Tome	00N18	006E42	138	100	1234567	ENAFE_SOUTH
11810	1900	2100	47SW,52	BBC WS	ENC	Eng	Dhabayya	24N11	054E14	245	250	1234567	ENAFW_CENTRAL
12095	1900	2100	46	BBC WS	ENC	Eng	Ascension	07S54	014W23	27	125	1234567	ENAFW_WEST
9705	1910	1930	48	BBC WS	ENC	Tir	S. Maria di Galeria	42N03	012E19	130	250	23456	TGRYA
11895	1910	1930	48	BBC WS	ENC	Tir	A'Seela	21N58	059E27	240	125	23456	TGRYA
9545	1930	2000	46SE	BBC WS	ENC	Hau	Woofferton	52N19	002W43	160	125	123457	HAUSA
9545	1930	2030	46SE	BBC WS	ENC	Hau	Woofferton	52N19	002W43	160	125	6	HAUSA
11660	1930	2030	46SE	BBC WS	ENC	Hau	Ascension	07S54	014W23	55	125	6	HAUSA
11660	1930	2000	46SE	BBC WS	ENC	Hau	Ascension	07S54	014W23	55	125	123457	HAUSA
15490	1930	2030	46SE	BBC WS	ENC	Hau	Ascension	07S54	014W23	65	250	6	HAUSA
15490	1930	2000	46SE	BBC WS	ENC	Hau	Ascension	07S54	014W23	65	250	123457	HAUSA
6150	2000	2100	47E,48NW	BBC WS	ENC	Ara	A'Seela	21N58	059E27	260	125	1234567	ARABA_NE_AF
11810	2100	2200	47SW,52	BBC WS	ENC	Eng	Ascension	07S54	014W23	65	125	23456	ENAFW_CENTRAL
12095	2100	2200	46	BBC WS	ENC	Eng	Ascension	07S54	014W23	27	125	23456	ENAFW_WEST
3915	2200	2400	43SE,44SW,49E	BBC WS	ENC	Eng	Kranji (Merlin)	01N25	103E44	0	250	1234567	ENASE_EAST
3960	2200	2400	43SE,44SW,49E	BBC WS	ENC	Eng	Kranji (Merlin)	01N25	103E44	0	250	1234567	ENASE_EAST
5960	2200	2300	43E,44	BBC WS	ENC	Eng	A'Seela	21N58	059E27	60	250	1234567	ENASE_FE
6195	2200	2400	51W,54	BBC WS	ENC	Eng	Kranji (Merlin)	01N25	103E44	90	125	1234567	ENASE_SOUTH
6195	2200	2400	49W	BBC WS	ENC	Eng	Kranji (Merlin)	01N25	103E44	0	125	1234567	ENASE_WEST
7300	2200	2300	49W	BBC WS	ENC	Eng	A'Seela	21N58	059E27	85	250	1234567	ENASE_WEST
7465	2200	2400	43SE,44SW,49E	BBC WS	ENC	Eng	Kranji (Merlin)	01N25	103E44	13	125	1234567	ENASE_EAST
7520	2200	2300	51W,54	BBC WS	ENC	Eng	Tinang 1	15N21	120E37	200	250	1234567	ENASE_SOUTH
11825	2300	2400	51W,54	BBC WS	ENC	Eng	Tinang 1	15N21	120E37	200	250	1234567	ENASESOUTH



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



Netherlands: Radio Casanova 6120 kHz. eQSL received in the same day for report sent to: <radiocasanova@hotmail.com> (GK)

The reporter of this edition of QSL CORNER has been:

GK = Gerard Koopal, Almere, The Netherlands

It is with great pleasure that we are able to include a QSL column this month. Hoping to receive your contributions in the coming months, we wish all readers of the magazine good health. We in the editorial team thank our contributors and remind them that everyone can participate by sending their contributions together with photos of the QSLs received in jpg format. We would also like to remind you that the deadline for submitting contributions for the next edition is 10 December 2022. I would like to remind you that every month, a few days before the closing date, the editorial staff sends out a notice to those who wish to do so, with some rules for the exact filling in. If you do not receive it and would like to, please send your e-mail to the page editor (<qsl@wwdxc.de>) so that we can add your address to the list.





DX LOGBOOK

Logs around the clock

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

LONGWAVE AND MEDIUMWAVE BANDS

Frequency	UTC	SIO	ITU	Radio Station	Language	Programme Details	Date	Rep.
198.0	2315	454	G	BBC-WS	English	E, rpts, ID, rpts	2410	SG
225.0	2300	454	POL	Polskie Radio	Polish	Polish, ID, NX, pop, talk	2410	SG
234.0	2120	454	LUX	RTL Beidweiler	French	F, talks, ID, pop, talks	2410	SG
252.0	2220	454	ALG	RTA Chaine 3	French	F, pop, ID, ann, piano	2410	SG
963.0	1930	444	TUN	RTCI Tunis	German	D, ID, Gruss-W-Konzert	3010	SG
963.0	1930	444	TUN	RTCI Tunis	German	D, ID, Schlager, rpt	0211	SG
1386.0	1700	454	LTU	Polskie Radio via Viesintos	German	D, ID, NX, Rpt Museum	0311	SG

SHORTWAVE BANDS

Frequency	UTC	SIO	ITU	Radio Station	Language	Programme Details	Date	Rep.
3955.0	1900	454	D	PowerRumpel via Ch292	German	D, ID, Soundtrack	1410	SG
3955.0	2000	454	G	KBS-WR via Woofferton	German	D, ID, NX, Hörerecke	0710	SG
3985.0	1500	444	D	Radio Tirana via Kall	English	E, IS, ID, NX, MX	1410	SG
3985.0	1530	454	D	RSI via Kall	French	F, ID, NX, MX, rpt	0210	SG
4840.0	0338	553	USA	WWCR	English	AWR Wavescan # 711	0910	RL
5800.0	1710	454	HOL	Continental Radio	English	E, ID, Rockpop	1410	SG
5850.0	0050	453	USA	R.Slovakia via relay	English	Slovakia Today	2309	RL
5900.0	1900	454	BUL	RTI via Kostinbrod	German	D, ID, NX, HBF	1410	SG
5920.0	0930	454	D	HCJB-Weenermoor	German	D, ID; fmk Kritik; DX	0110	SG
5940.0	1600	454	AUT	OE1 via ORS-Moosbrunn	German	D, IS, ID, Abendjournal	1210	SG
5960.0	0121	453	D	The Mighty KBC	English	Hit the road jack	2509	RL
6000.0	0438	553	CUB	Radio Havana Cuba	English	Mailbag Show	1710	RL
6005.0	1000	443	D	RSI via Kall	German	D, ID, NX, WX, rpts	2409	SG
6005.0	1200	444	D	VoMongolia via Kall	English	E, IS, ID, NX, MX, rpts	0610	SG
6005.0	1230	444	D	Radio Tirana via Kall	English	E, IS, ID, NX, rpt, MX	0710	SG
6005.0	1500	444	D	Polskie Radio via Kall	German	D, ID, NX, rpt	1410	SG
6070.0	0700	443	D	SuperClanR. via Ch292	English	E, ID, Rockpop, adr	0210	SG
6070.0	0800	454	D	Jake FM via Ch 292	German	D, ID, Rockpop, qsl-adr	0110	SG
6070.0	0900	454	AUT	R. DARC via Moosbrunn	German	D, ID, Afu; Technik;	1610	SG
6070.0	1000	444	D	Channel 292	English	E, ID, adr; Rockpop	0910	SG
6070.0	1100	444	D	OHR via Ch292	English	E, ID, Rockpop, adr	1809	SG
6070.0	1100	444	AUT	SMRD via ORS	German	D, Jingle-ID; Tondok.	0910	SG
6070.0	1200	443	D	Korches Radio via Ch292	German	D, ID, Schlagermix	1610	SG
6070.0	1300	444	D	Musikallee via Ch292	German	D, ID, Rockpop, qsl-adr	1809	SG
6070.0	1500	444	D	SMRD via Ch292	German	D, ID, adr, Pop	0810	SG
6070.0	1624	454	D	VORW via Ch292	English	E, ID, adr; Rockpop	1410	SG
6070.0	1900	454	D	Musikallee via Ch292	German	D, ID, Rockpop, qsl-adr	1209	SG
6070.0	1900	454	D	Steelguitar via Ch292	German	D, ID, Countrymusik	1010	SG

6085.0	1640	444	D	Radio Mi Amigo Intl.	English	E, ID, Rockpop, Jingle	1410	SG
6095.0	1000	554	D	SETA2 via Nauen	German	D, IS, ID, R&R 10	0110	SG
6140.0	0800	554	AUT	Welle 370 via ORS	German	D, Welle 370 Radiotag	0210	SG
6140.0	0945	454	HOL	Radio Onda	French	F, Rockpop, ID	0210	SG
6165.0	0138	553	CUB	Radio Habana Cuba	English	Music with message	2509	RL
7330.0	1000	454	AUT	Radio Joystick via ORS	German	D, ID, Rockpop, qsl-adr	0210	SG
7375.0	0317	555	ROU	Radio Romania Intl.	English	Inside Romania	1910	RL
7390.0	1500	453	ALS	KNLS	Chinese	Program	1409	RL
7425.0	1740	342	NZL	RNZ	English	E, MX, ID, rpt, MX	1209	SG
9275.0	1550	444	USA	WMLK	Chinese	C, MX, ann, MX, cd	1410	SG
9380.0	1745	443	SWZ	TWR-Eswatini	Swahili	Swahili, ID, rel bc	1209	SG
9395.0	0104	443	USA	WRMI	English	Encore	1610	RL
9425.0	1600	454	KRE	Voice of Korea	German	D, IS, NA, ID, Lied, NX	1410	SG
9470.0	0121	443	CHN	China radio Intl.,	English	Rountable	1410	RL
9515.0	1530	454	KOR	KBS-WR	English	E, K-Pop, ID, rpt	1410	SG
9580.0	1429	553	ALS	KNLS	English	Abortion Law	0209	RL
9600.0	1400	554	ROU	RRI	German	D, IS, ID, NX, MX, rpt	1410	SG
9670.0	1645	554	AUT	VORW via ORS	English	E, Rock, ID, Carolina	1410	SG
9700.0	0600	454	ROU	RRI	German	D, IS, ID, NX, MX,	1710	SG
9700.0	1800	343	NZL	RNZ	English	E, ID, NX, rpt, MX	1209	SG
9800.0	1505	453	ALS	KNLS	Russian	Program	1409	RL
9850.0	0317	555	ROU	Radio Romania Intl.	English	Spotlight	2309	RL
9975.0	0000	453	USA	KVOH	English	AWR Wavescan #712	1710	RL
11610.0	1545	554	CHN	CRI	English	E, ID, management	1410	SG
11620.0	0630	454	CVA	Vatican Radio	French	F, IS, ID, NX	1710	SG
11620.0	1615	554	CVA	Vatican Radio	English	E, ID, Vatican-world-	1410	SG
11650.0	1000	554	ROU	RRI	French	F, IS, ID, NX, rpt, MX	1210	SG
11660.0	1630	454	TUR	TRT	English	E, IS, ID, NX, press	1410	SG
11850.0	1700	554	ROU	RRI	English	E, IS, ID, NX, rpt, MX	1410	SG
11880.0	1400	554	ROU	RRI	German	D, IS, ID, NX, MX, rpt	1410	SG
11880.0	1731	453	ROU	Radio Romania Intl.	English	Truly Romanian	2009	RL
11885.0	1921	433	VTN	Voice of Vietnam	English	Listeners Letterbox	2109	RL
11885.0	1600	554	VTN	Voice of Vietnam	English	ID, NX, WX, economy	1410	SG
11900.0	1200	454	AUS	Reach Beyond	English	E, ID, special E bc	0710	SG
12000.0	0030	433	CUB	Radio Habana Cuba	English	Jazz Place	2509	RL
12025.0	1600	553	SNG	BBC WS relay	English	Life in the forest	0209	RL
12025.0	1500	454	SNG	BBC-WS-Relay	English	E, ID, NX, rpts	0710	SG
12160.0	1600	444	USA	WWCR	English	USA Radio News	0810	RL
13635.0	1000	554	TUR	TRT	Turkish	Turkish, ID, NX, MX,	1510	SG
13640.0	1520	554	CHN	CRI	English	E, ID, market rpt	1410	SG
13730.0	1000	443	AUT	OE1 via ORS-Moosbrunn	German	IS, ID, Mittagsjournal	1110	SG
13790.0	1000	554	ROU	RRI	French	F, IS, ID, NX, MX, rpts	1310	SG
13800.0	0620	454	BUL	TOM via Kostinbrod	English	E, ID, rel. bc faith	1710	SG
15150.0	1000	554	ROU	RRI	French	F, IS, ID, NX, MX, rpts	1210	SG
15350.0	1130	444	TUR	TRT	German	D, NX, Interviewecke	0910	SG
15350.0	1130	454	TUR	TRT	German	D, NX, HBF	1510	SG
15380.0	0630	454	ARS	Saudi Radio	Arabic	A, ID, ann, Gesang	1710	SG
15450.0	1230	554	TUR	TRT	English	E, IS, ID, NX, rpt, MX	0510	SG
15530.0	0615	454	KWT	Radio Kuwait	English	E, ID, history rpt, ann	1710	SG
15580.0	1500	454	BOT	VOA-Relay	English	ID, NX, bordercrossing	1210	SG
15670.0	1530	454	D	AWR-Relay	English	E, IS, ID, rel bc	0710	SG
17530.0	1500	454	BOT	VOA-Relay	English	ID, NX, bordercrossing	1210	SG
17615.0	0640	454	CHN	CRI	German	D, MX only, ID	1710	SG
17630.0	1520	444	MLI	CRI via Bamako Relay	English	E, ID, rpt, MX	1410	SG
17720.0	0640	454	CHN	CRI	German	D, MX only, ID	1710	SG
17865.0	0600	454	CHN	CRI	French	F, ID, NX, MX, rpt	1610	SG

21540.0	1000	353	MRA	RFA-Relay	Tibetan	Tibetan, ID, ann, NX,	0510	SG
21670.0	0945	453	ARS	Saudi Radio	Indonesian	Bl, MX, ID, rpt	0510	SG
21695.0	1000	454	PHL	VOA-Relay	Chinese	C, ID, NX, rpt Taiwan	0410	SG

Shortwave survey after the introduction of B22 Winter schedules by Siegbert Gerhard:

Frequency	UTC	SINPO	ITU	Radio Station	Language	Programme Details	Date	Rep.
3940.0	1930	45444	HOL	FRSH via Mike Radio	German	D, ID, Veronica rpt	3010	SG
3955.0	0520	45444	D	Channel 292	English	E, Rock, ID, Rockpop	3010	SG
3955.0	1900	45544	D	Radio DARC via Ch292	German	D, ID, Afu; Technik; Pop	3010	SG
3955.0	2000	45544	G	KBS-WR via Woofferton	German	D, ID, NX, Hörerecke	0411	SG
3975.0	1940	45444	D	Shortwave Radio	English	E, Rockpop, Jingle-ID	3010	SG
3985.0	1700	45444	D	SRF via Kall	German	D, ID, Echo der Zeit	3010	SG
3985.0	1800	45444	D	RSI via Kall	German	D, ID, NX, TT, rpt Batterie	0211	SG
3985.0	1930	45444	D	RSI via Kall	Spanish	S, ID, rpts, HBF	3010	SG
3995.0	1900	35433	D	HCJB-Weenermoor	German	D, ID, Wunschbox	3010	SG
5800.0	1040	45444	HOL	Continental Radio	English	E-Hol, ID, Rockpop	3010	SG
5800.0	1215	45444	HOL	Continental Radio	Dutch	E-Hol, ID, Rockpop	3010	SG
5880.0	0815	35433	HOL	Radio Rock Revolution	English	E, Rock, ID, Rock	0611	SG
5900.0	1900	45444	BUL	RTI via Kostinbrod	German	D, ID, NX, WX, HBF	0411	SG
5905.0	1600	45444	D	DWD-Pinneberg	German	D, ID, Seewetter Info	0611	SG
5920.0	1030	45444	D	HCJB-Weenermoor	German	D, ID; Medienmagazin	3010	SG
5945.0	1830	45544	TUR	TRT	German	D, IS, ID, NX, Küche	0411	SG
5950.0	2000	45444	F	KBS-WR via Issoudun	French	F, ID, ann, NX,rpts	0211	SG
5970.0	1600	55544	CHN	CRI	German	D, IS, ID, trad MX only	0311	SG
5990.0	1800	55544	CVA	BBC-WS-Relay	French	F, ID, NX, rpts Afrique	0111	SG
6000.0	1700	55544	F	RJ-NHK	Japanese	J, ID, ann, NX, MX, rpts	0411	SG
6005.0	1100	44444	D	RSI via Kall	German	D, ID, rpt Eisenbahn	0511	SG
6005.0	1430	44444	D	RSI via Kall	German	D, ID, Hörerecho	3010	SG
6040.0	1500	44444	ROU	RRI	German	D, IS, ID, NX,Hörertag	0611	SG
6050.0	1930	45444	TUR	TRT	English	E, IS, ID, NX, MX, rpt	3110	SG
6055.0	1130	55544	D	Ev. Missionsgemeinden	German	D, IS, ID, Lied, Predigt	0511	SG
6070.0	0700	45444	D	RWI via Ch292	English	E, ID, country-mx, adr	3010	SG
6070.0	0800	45444	D	SuperClan Radio	English	E, ID, Rockpop, qsl-adr	0611	SG
6070.0	0900	45444	D	RNI via Ch292	German	D, ID, Goldrausch, qsl-adr	3010	SG
6070.0	1000	45544	AUT	Radio DARC via Moosbrunn	German	D, ID, Afu; Technik; Pop	0611	SG
6085.0	1645	44444	D	Radio Mi Amigo Int	English	E, ID, Rockpop, Jingle	0411	SG
6130.0	1300	45444	HOL	Radio Europe	English	E, ID, ann, Rockpop	0511	SG
6140.0	0820	45444	HOL	Radio Onda	French	F, Rockpop, ID	0611	SG
6140.0	0900	54544	AUT	Welle 370 via ORS	German	D, Welle 370 Radiotag	0611	SG
6140.0	1200	45444	HOL	Radio Onda	Portuguese	P, Rockpop, ID	0511	SG
6150.0	1110	45444	D	Europa 24	German	D, Rockpop, ID	0511	SG
6155.0	0600	55544	AUT	OE1 via ORS-Moosbrunn	German	D, IS, ID, NX, WX, rpt	3010	SG
6160.0	1310	44444	D	Shortwave Radio	English	E, ID, Rockpop	3010	SG
6160.0	1800	44444	CHN	CRI	German	D, IS, ID, trad MX only	0411	SG
6170.0	1810	24322	KRE	Voice of Korea	German	D, NX, ID, rpt, MX	0211	SG
6180.0	1600	45444	D	DWD-Pinneberg	German	D, ID, Seewetter Info, ID	0611	SG
6180.0	1900	45544	ROU	RRI	German	D, IS, ID, NX, Kur; FBK	3010	SG
6195.0	1745	44444	OMA	BBC-WS-Relay	English	E, MX, ID, rpt	0411	SG
7255.0	1710	45444	CHN	CRI	English	E, ID, rpt Thailand	3010	SG
7265.0	1720	45444	CHN	CRI	Russian	R, ID, rpts, MX	3010	SG
7330.0	1500	55544	ROU	RRI	German	D, IS, ID, NX, Hörertag	0611	SG
7345.0	0630	55544	ROU	RRI	English	E, ID, NX, rpts	3010	SG
7380.0	1600	44444	CHN	CRI	German	D, IS, ID, trad MX only	0311	SG
7395.0	1800	55544	CHN	CRI	German	D, IS, ID, trad MX only	0411	SG

7415.0	2000	55544	CHN	CRI	English	E, ID, NX, rpt teacher	0111	SG
7420.0	1615	45544	CHN	CRI	English	E, ID, world today	0411	SG
7445.0	1630	45444	MDG	BBC-WS-Relay	English	E, ID, NX, ID, rpts	0411	SG
9380.0	1743	44433	SWZ	TWR-Eswatini	Swahili	Swahili, IS, ID, rel bc	3010	SG
9390.0	1800	45422	EGY	Radio Cairo	Turkish	Turkish, ID, NX	0311	SG
9425.0	1600	33433	KRE	Voice of Korea	German	D, NX, ID, rpt, MX	0311	SG
9425.0	1810	44444	KRE	Voice of Korea	German	D, NX, ID, rpt, MX	0211	SG
9440.0	0658	45444	ROU	RRI	German	D, IS, ID, NX, Wochensp.	3010	SG
9495.0	1730	45544	TUR	TRT	Spanish	S, IS, ID, NX, MX	0311	SG
9615.0	1800	45544	CHN	CRI	German	D, IS, ID, trad MX only	0411	SG
9640.0	2115	45544	CHN	CRI	Spanish	S, MX, ID, tourisme	0211	SG
9670.0	1100	45444	D	RNEI via Ch292	Norwegian	Norwegian, MX, ID, rpt	0611	SG
9670.0	1200	45444	D	Radio Six International	English	E, Rockpop, ID	0611	SG
9670.0	1700	44433	AUT	VORW via ORS	English	E, ID, ann, Rockpop	0411	SG
9675.0	1645	45544	CHN	CRI	English	E, ID, global economy	0311	SG
9690.0	2100	45444	E	REE	Spanish	S, ID, ann, futbol live	0211	SG
9730.0	2000	34433	VTN	Voice of Vietnam	German	D, ID, ann, NX, WX, MX	3010	SG
9810.0	1720	55544	ROU	RRI	Romanian	Roman, ID, MX, ID, NX	0411	SG
9830.0	0640	44444	F	DW-Relay	Hausa	Hausa, ID, NX, rpts	3010	SG
9860.0	0600	34433	D	AWR-Relay	French	F, IS, ID, prayer bc	3010	SG
9900.0	2030	45422	EGY	Radio Cairo	French	F, ID, ann, NX, MX, rpt	0111	SG
11600.0	0545	55544	BUL	TOM via Kostinbrod	English	E, ID, prayer bc	3010	SG
11640.0	0600	45444	D	AWR-Relay	French	F, IS, ID, prayer bc	3010	SG
11830.0	0620	45444	ASC	BBC-WS-Relay	English	E, rpt, ID, rpt, MX	3010	SG
11865.0	1150	45444	AUS	Reach Beyond	Myanmar	Myan, rel bc, ID, IS, cd	0411	SG
11875.0	1200	45444	AUS	Reach Beyond	English	E, ID, spotlight	0411	SG
11885.0	1830	44433	VTN	Voice of Vietnam	German	D, ID, NX, rpt, HBF	0211	SG
11885.0	2000	44444	VTN	Voice of Vietnam	German	D, ID, NX, rpt, HBF	0211	SG
11935.0	1105	45444	BUL	Radio Joystick via Kostinb	German	D, MX, ID, Rockpop	0611	SG
11940.0	1750	55544	E	REE	Spanish	S, live futbol, ID // 12030	3010	SG
11945.0	1330	45444	AUS	Reach Beyond	English	E, ID, MX, fresh bc	3010	SG
11945.0	1345	45444	AUS	Reach Beyond	English	E, ID, spotlight R Hood	3010	SG
12030.0	1750	55544	E	REE	Spanish	S, live futbol, ID // 11940	3010	SG
12065.0	1755	45544	SNG	BBC-WS-Relay	English	E, futbol live, ID	3010	SG
12095.0	0630	55544	CVA	Vatican Radio	Hausa	Hausa, IS, ID, NX, rpts	3010	SG
13570.0	1200	45544	CHN	CRI	French	F, ID, NX, rpts	3110	SG
13720.0	1300	55544	CHN	CRI	French	F, ID, NX, rpts	0311	SG
13730.0	1030	45544	NZL	RNZ	English	E, ID, ann, Rockpop	0511	SG
13730.0	1100	55544	AUT	OE1 via ORS-Moosbrunn	German	D, IS, ID, Mittagsjournal	0411	SG
13790.0	1300	55544	CHN	CRI	English	E, ID, NX, Beijing hour	0411	SG
15200.0	1100	55544	ROU	RRI	French	F, IS, ID, NX, MX, rpts	0311	SG
15255.0	1100	55544	ROU	RRI	French	F, IS, ID, NX, MX, rpts	0311	SG
15270.0	1230	55544	TUR	TRT	German	D, IS, ID, NX, Analyse	0411	SG
15350.0	1240	45544	TUR	TRT	Turkish	Turkish, ID, live Fussball	3010	SG
15380.0	1245	45544	AUS	Reach Beyond	English	E, ID, ann, family	3010	SG
15460.0	1200	55544	ROU	RRI	English	E, IS, ID, NX, rpt, MX	3010	SG
15530.0	0530	45544	KWT	Radio Kuwait	English	E, ID, history rpt, ann	3010	SG
15590.0	1325	45544	CVA	Vatican Radio	English	E, classic MX, ID, rpt	0411	SG
15745.0	1300	22422	TJK	RFA-Relay	Tibetan	Tib, ID, rpts, qrm CNR	0411	SG
15770.0	1258	33433	USA	RSI via WRMI	French	F, ID, ann, NX	3010	SG
17490.0	1130	55544	CHN	CRI	English	E, ID, rpt economy	0411	SG
17615.0	0600	45544	CHN	CRI	German	D, IS, ID, trad MX only	3010	SG
17640.0	1100	55544	ROU	RRI	French	F, IS, ID, NX, MX, rpts	0311	SG
17720.0	0600	45544	CHN	CRI	German	D, IS, ID, trad MX only	3010	SG

17800.0	1100	55544	ROU	RRI	French	F, IS, ID, NX, MX, rpts	0311	SG
21470.0	1200	25322	ROU	RRI	English	E, IS, ID, NX, rpt, MX	3010	SG
21670.0	1145	45433	ARS	Saudi Radio	Indonesian	Indon, muslim, MX, ID	0411	SG

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

- 4940.0 COLOMBIA Unknown Station, 0452-0507 Oct 14, man announcer with Spanish religious talk which went through the top of the hour with station ID. This seems to be "unknown" now with possible Colombia or Venezuelan locations. Fair signal.
- 4985.0 BRAZIL Radio Brasil Central – Goiânia, 0034-0107 Oct 15, dicussion program hosted by an OM with several anouncements and station ID at 0100 followed by Brazilian pop music program. Needed LSB to separate from UTE station. Poor to fair overall //11815 was good.
- 6155.0 AUSTRIA Oesterreich Rundfunk – Moosbrunn, 0507-0526 Oct 17, man and woman announcers with News in the German language with several items about the January 6th Congressional committee hearing and President Trump's name mentioned several times. Several English language audio clips were heard. Good signal.
- 9830.0 TURKEY Voice of Turkey – Emirler, 2235-2251 Oct 28, apparently Turkisg language program instead of the English program with dramatic talk. Good signal.
- 11745.0 SAUDI ARABIA Al-Azm Radio – Jeddah, 2302-2339 Oct 28, nice vocal selection by a male signer followed by tw men with a discussion in the Arabic language. Fair to good signal.
- 11900.0 VATICAN Voice of America – Santa Maria di Galeria, 2131-2159* Oct 14, Man announcer with news in the Bambara language with several station lds noted through program. Good signal.
- 11905.0 SRI LANKA Sri Lanka Broadcastoing Corporation – Trincomalee, 0044-0058* Oct 24, thanks to Rob Wagner tip noted back on with a woman announcer talking in the listed Bangla language alternating with vocal selections. Poor to fair.
- 15120.0 USA Voice of America – Greenville, *2128-2139 Oct 5, opened with a man announcer giving the station ID ("This is the Voice of America, Washington, DC signing on") followed by Yankee Doodle jingle. The Bambara language program opening at 2130. Fair to good signal.
- 15130.0 FRANCE NHK Radio Japan – Issoudun, 2046-2058* Oct 5, man and woman announcers alternating talk in the Japanese language. Tom Jones song noted at 2052. At 2054 the woman announcer gave the closing anouncements. Poor to fair.
- 15590.0 THAILAND Voice of Thailand – Udon, 0012-0029* Oct 15, woman announcer with English news items, several station IDs and usual array of promotional items. Fair signal but began fading down so barely audible by close down. No shot at second half hour of English.

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 November edition which I am editing from India.

Thanks to our regular member's for their contributions,

Ashok Kumar Bose
